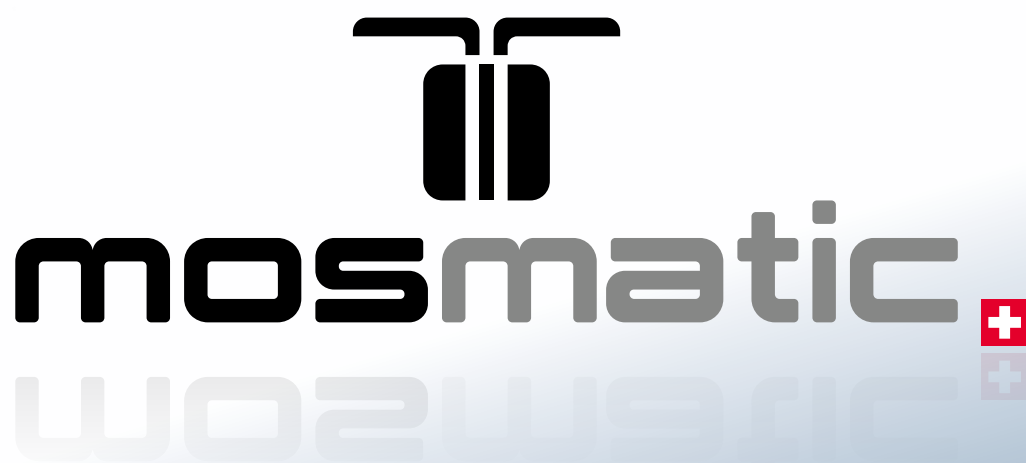


MA19



MASTER CATALOG

CAR WASH | HIGH PRESSURE CLEANING | ROTARY UNIONS



SN EN ISO 9001:2015 Certificate

FOREWORD

We are proud to present the new Mosmatic customer catalog. For your convenience we have combined our three divisions into one informative book. Car wash, high pressure cleaning and our high-precision swivel/rotary union line can now be found in one catalog. Mosmatic products are a brand of quality, reliability and performance that customers have come to expect as well as value in their daily applications.

It is our aim to continually provide you with products of highest quality at all stages: design, production and handling. Mosmatic produces high-precision components and accessories that cross a multitude of product applications and industries. Our focus is to produce efficient and reliable products that exceed customer expectations and industry standards.

To ensure our promise to quality we design, develop and manufacture all our products to ISO 9001:2015 standards.

Many of our products are within this catalog or online at www.mosmatic.com. Please take the time to sign up for our direct news and facebook page to receive the latest product updates and specials.

This catalog was produced with attention to details to provide you valuable product information. However, as we continue to develop and design products there may be the possibility of printing or typing errors.

All data and measurements are without guarantees. We reserve the right to make technical modifications at any time without prior notification.

All rights reserved. Reproduction, in whole or in part, without our permission is not allowed.

Any Questions or concerns? Please do not hesitate to contact the Mosmatic team.

ABOUT US

Mosmatic Corporation is part of the Mosmatic AG group based in Switzerland. Established in 1988 for sales and US distribution, Mosmatic Corp. has continued to grow from its humbled beginning. The company has expanded in sales, distribution, and has recently begun production in the newly built manufacturing wing.

The addition of the Manufacturing area has allowed us to serve the American market with specific products. With a focus on quality and consistent product reliability, Mosmatic has been a name customers can trust and are confident in their investment.

With our NEW production facility, Mosmatic has shown that we can mirror the growing successes of our Swiss operations while fully adapting and integrating with US operations. Customer services along with our trained employees have earned the loyalty and satisfaction, of our clientele.

We are proud to have the opportunity to work with customers and look forward to continued growth and building business relations.

Patrick Rieben (Managing Director):

"For us Quality is not just a slogan, but the bench mark for our efforts, priority's and goals."

| | |
|--------------|---|
| Welcome | 2 |
| Index | 3 |
| New Products | 4 |
| Upgrades | 4 |

Car Wash

| | |
|----------------------------------|-------|
| Ceiling Boom Z-Series | 6 |
| Ceiling Boom with LED Lighting | 7 |
| Ceiling Boom Inline | 8 |
| Dual Ceiling Boom | 9 |
| Wall-Boom | 10 |
| Wall-Boom-Extension | 11 |
| Accessories Boom | 12 |
| Air-System Boom | 13 |
| Air-System Stand | 14 |
| Mosmatic Dryer | 15 |
| Accessories Air System | 16 |
| Vertical Boom | 17 |
| Bay-Packages | 18 |
| Wand holder | 19 |
| Brush Bucket | 20 |
| HP-Wands | 21 |
| Individual Wands | 22 |
| Wand with filter sieve | 23 |
| Foam Products | 24 |
| Foam Brushes | 25 |
| Flex-Brush Wand | 26 |
| Not available in USA | 26 |
| Individual Foam Brushes | 27 |
| Accessories Wash Bay | 28-29 |
| Wheelblaster | 30 |
| Wheelblaster Compact | 31 |
| Wheelblaster Pro | 32 |
| Undercarriage Cleaner stationary | 33 |
| Splash guard | 34 |

High Pressure

| | |
|--------------------------------|----|
| Gum Remover | 36 |
| Professional | 37 |
| Allrounder | 38 |
| Aqua | 39 |
| Graffiti Remover | 40 |
| Contractor | 41 |
| Contractor Big | 42 |
| Commercial | 43 |
| Universal | 44 |
| Steaminator | 45 |
| Roof Cleaner | 46 |
| Hurricane | 47 |
| Hurricane Pro | 48 |
| Surface Cleaner Conversion Kit | 49 |
| Duct Cleaner | 50 |
| TRL Wand | 51 |
| HP Special Wand | 51 |
| Manhole Cleaner | 52 |
| Silo Cleaner | 52 |
| Cleaning Head Spider | 53 |
| HP Guns | 54 |
| Rotor arms | 55 |
| Nozzles | 56 |
| Turbo Nozzles | 57 |
| Accessories HP Cleaner | 58 |

Rotary Unions

| | |
|------------------------------|----|
| Select by application | 60 |
| Select by construction type | 61 |
| DGK - Swivel | 62 |
| DGV - Swivel | 63 |
| DGVI - Swivel | 64 |
| DGZ - Swivel | 65 |
| DGS - Swivel | 66 |
| DKS - Swivel Coupling | 67 |
| DGE - Swivel | 68 |
| DGEI - Swivel | 69 |
| DGR - Swivel | 70 |
| WDG - Swivel | 71 |
| WDB - Swivel | 72 |
| WDC - Swivel | 73 |
| WDEI - Swivel | 74 |
| WDRS - Swivel | 75 |
| DGL - Swivel | 76 |
| DGG - Swivel | 77 |
| DGF - Swivel | 78 |
| DXL - Swivel | 79 |
| DXLS/DXGS/DXFS Steam Swivel | 80 |
| DXG - Swivel | 81 |
| DXF - Swivel | 82 |
| DXTI - Swivel | 83 |
| DYL - Swivel | 84 |
| DYG - Swivel | 85 |
| DYF - Swivel | 86 |
| DYW - Swivel | 87 |
| DYCI/DYDI - Swivel | 88 |
| DYT/DYU - Swivel | 89 |
| DYKI - Swivel | 90 |
| QVS - Quick Connection | 91 |
| Fittings | 92 |
| Adaptor with Sieve | 93 |
| Non-return valves | 93 |
| Terms and Conditions of Sale | 94 |

NEW PRODUCTS



Aqua FL-SAR

Page 39



Allrounder FL-AER 410

Page 38



Professional FL-1/2*

Page 37



Mosmatic Mat Holder

Page 20



WDEI LP - low pressure

Page 74



iRex Nozzle

Page 57



Chemical spray wand

Page 28

UPGRADES



New: Protection LED strip

LED Ceiling Boom

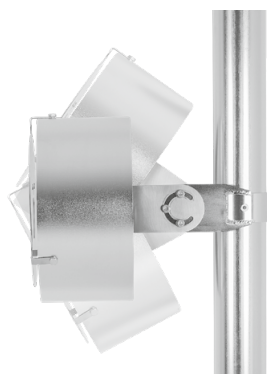
Page 7



New: Changed length

Wand Holder

Page 19



New: Swiveling

Wheelblaster Pro

Page 32



New: Swivel upgrade

Hurricane Pro

Page 48



New: With integrated check valve

DYKI

Page 90



New: Increased safety ring

DGE + DGEI

Page 68/69

Our goal:

**To provide products that have appearance and performance alike,
offering value to you and your customer.**

CAR WASH

Self-Service Car Wash

As the inventor of the Z-Ceiling booms, Mosmatic's innovations have helped to develop the most diverse line of ceiling and wall booms available today. Uniform appearance of the complete line along with their unsurpassed durability and ease of operation have made us the top choice and go to company for industrial and business professionals alike. Mosmatic's focus has always been to design, build and sell only the best products on the market.

Automatic Car and Tunnel Washes

OEM's, service technicians and business owners know they can trust and rely on the quality of Mosmatic products. Designed to handle, and withstand the harsh wash environment, our products have proven they can and will perform to the highest standards. From concept, design and system upgrades let us be the number one source for you.

Commercial Vehicle Wash

Industrial, performance grade solutions for the most demanding washes. From wheel washers, to undercarriage and those odd long distance hard to reach areas Mosmatic offer solutions to accommodate your needs. From smaller low volume applications to much larger high volume washes, our components selection is sure to have something to fit your needs.

Accessories

Marketing and name brands, combined with reliable quality products, show your customers that you are not only a provider but a partner in the industry.



- ✓ 360° smooth rotation rated to 4000psi
- ✓ Rated to 4000psi
- ✓ Multiple booms with center rotation points
- ✓ Polished stainless steel (INOX)
- ✓ Clean and classic appearance

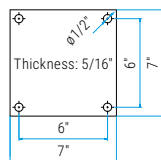
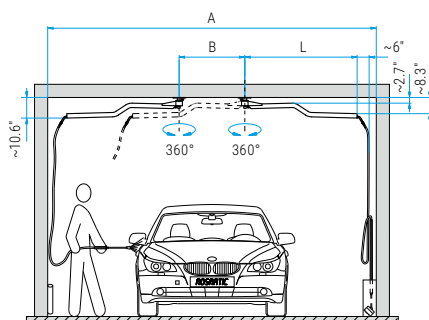
The ideal solution for self-service car washes. The unique shape of Mosmatic Z-boom allows the installation of multiple ceiling booms in a wash bay. This makes it possible to add additional services such as foam applications and Air Drying ceiling mount and increases your profits.



DKZ

| Part No. | L | A | B | C | D | Weight |
|----------|------|-----|-----|-----|-----|--------|
| 65.009 | 4'9" | 14' | 34" | 55" | 28" | 22 lbs |
| 65.019 | 5'1" | 15' | 36" | 59" | 30" | 23 lbs |
| 65.029 | 5'5" | 16' | 38" | 63" | 32" | 24 lbs |
| 65.039 | 5'9" | 17' | 40" | 67" | 34" | 26 lbs |

Part No. includes one ceiling boom.



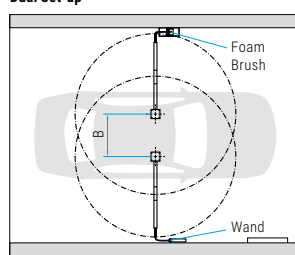
Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

TECHNICAL DATA

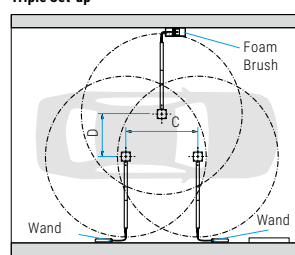
| | |
|-------------------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (top & side) | 3/8" NPTF (other options available) |
| Outlet | 3/8" NPTF (other options available) |
| Throughput medium | water, oil, air at pH 3-12 |

 environmentally friendly products

Dual Set-up

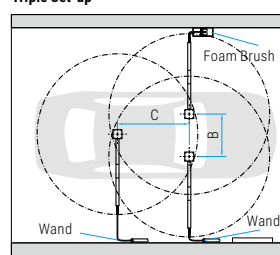


Triple Set-up*

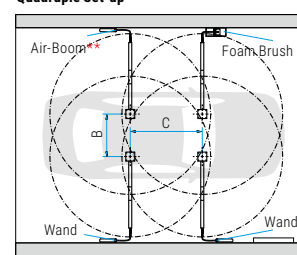


* not suitable for mounting bracket 65.903

Triple Set-up



Quadruple Set-up



** in conjunction with air boom DKZ booms must be extended with part no. 902.753.

Legend

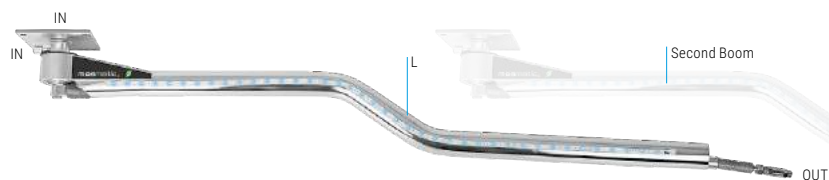
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

CEILING BOOM WITH LED LIGHTING

- ✓ Modern visual effects
- ✓ Visualize the wash cycles
- ✓ Additional lighting for the wash bay
- ✓ Stand out above competition



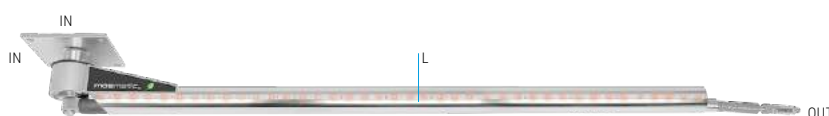
The worlds first for the self-service car wash. The LED Boom can be synchronized with your wash cycle to visualize your wash program. The LED ceiling boom is not only an eye-catcher for self-service car washes, but also provides additional lighting for the bay adding safety for your clients. This product should be installed by a certified electrician.



DKZbl (without Control Box)

| Part No. | L | A | B | Weight |
|----------|------|-----|-----|--------|
| 65.209 | 4'9" | 14" | 34" | 23 lbs |
| 65.219 | 5'1" | 15" | 36" | 24 lbs |
| 65.229 | 5'3" | 16" | 38" | 25 lbs |
| 65.239 | 5'9" | 17" | 40" | 27 lbs |

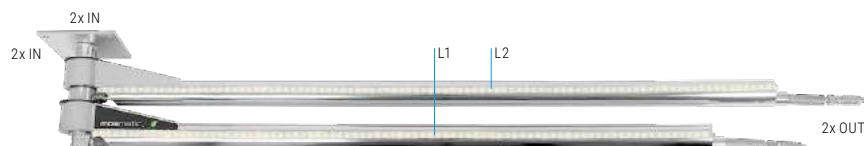
Part No. includes one ceiling boom.



DKPbl (without Control Box)

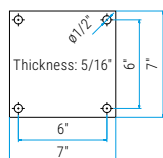
| Part No. | L | Weight |
|----------|------|----------|
| 66.209 | 4'9" | 21.2 lbs |
| 66.219 | 5'3" | 21.8 lbs |
| 66.229 | 5'9" | 22.5 lbs |
| 66.239 | 6'3" | 23.1 lbs |
| 66.249 | 6'9" | 23.8 lbs |

| Part No. | L | Weight |
|----------|-------|----------|
| 66.259 | 7'6" | 24.5 lbs |
| 66.269 | 8'2" | 25.1 lbs |
| 66.279 | 9' | 25.8 lbs |
| 66.289 | 9'10" | 26.5 lbs |



DDPbl (without Control Box)

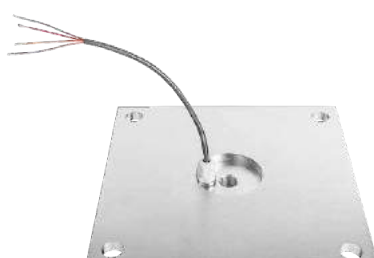
| Part No. | L1 | L2 | Weight |
|----------|------|------|----------|
| 67.609 | 4'9" | 5'3" | 41.0 lbs |
| 67.619 | 5'3" | 5'9" | 41.7 lbs |
| 67.629 | 5'9" | 6'3" | 42.3 lbs |
| 67.639 | 6'3" | 6'9" | 43.0 lbs |
| 67.649 | 6'9" | 7'6" | 43.7 lbs |
| 67.659 | 7'6" | 8'2" | 46.5 lbs |



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

Energy ring connection

| Color | Voltage | Feature |
|--------|-------------|-----------------------|
| Black | positiv (+) | Power supply |
| Red | negativ (-) | controls red signal |
| Orange | negativ (-) | controls green signal |
| Brown | negativ (-) | controls blue signal |



LED-Control Box

| Part No. | Includes |
|----------|---|
| 65.975 | Controller, power supply, remote control, receiver with housing, for maximum 2x booms |

TECHNICAL DATA

| | |
|--------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (top & side) | 3/8" NPTF (other options available) |
| Outlet | 3/8" NPTF (other options available) |
| Operating voltage | 24V |
| Light intensity | 120 lx |
| Amount | 30 x LED/39" |
| IP Code | IP66 |
| Throughput medium | water, oil, air at pH 3-12 |



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 360° smooth rotation
- ✓ Rated to 4000psi
- ✓ Sealed bearing design
- ✓ Multiple industrial application
- ✓ High flow versions available

The classic straight ceiling boom has uses in many industrial fields. A few examples are car wash, food processing, mining and manufacturing. A real all-around product with versatile applications anywhere liquids, air or gas are used.



DKP

| Part No. | L | Weight |
|----------|------|----------|
| 66.009 | 4'9" | 21 lbs |
| 66.019 | 5'3" | 22 lbs |
| 66.029 | 5'9" | 22.5 lbs |
| 66.039 | 6'3" | 23 lbs |
| 66.049 | 6'9" | 24 lbs |

| Part No. | L | Weight |
|----------|-------|----------|
| 66.059 | 7'5" | 24.5 lbs |
| 66.069 | 8'2" | 25 lbs |
| 66.079 | 9' | 26 lbs |
| 66.089 | 9'10" | 27 lbs |
| 66.099 | 19'0" | 39.5 lbs |



DKF (with flex-arm)

| Part No. | L | Weight |
|----------|------|----------|
| 66.509 | 4'9" | 22.5 lbs |
| 66.519 | 5'3" | 23 lbs |
| 66.529 | 5'9" | 23.4 lbs |
| 66.539 | 6'3" | 25.8 lbs |
| 66.549 | 6'9" | 25.3 lbs |

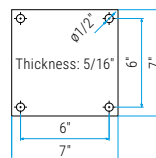
| Part No. | L | Weight |
|----------|-------|----------|
| 66.559 | 7'5" | 26.4 lbs |
| 66.569 | 8'2" | 27 lbs |
| 66.579 | 9' | 28.4 lbs |
| 66.589 | 9'10" | 30.2 lbs |



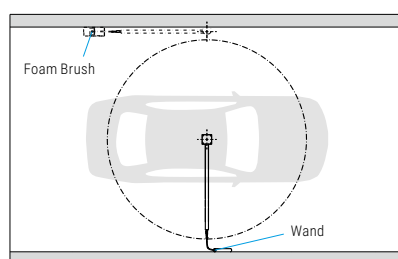
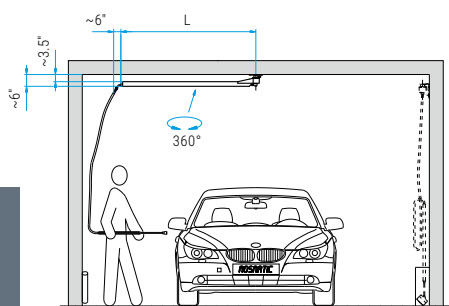
DP2 (two separate mediums in one ceiling boom)

| Part No. | L | Weight |
|----------|------|----------|
| 66.451 | 4'9" | 24 lbs |
| 66.452 | 5'3" | 25 lbs |
| 66.453 | 5'9" | 25.5 lbs |
| 66.454 | 6'3" | 26 lbs |
| 66.455 | 6'9" | 27 lbs |

| Part No. | L | Weight |
|----------|-------|----------|
| 66.456 | 7'5" | 27.5 lbs |
| 66.457 | 8'2" | 28 lbs |
| 66.458 | 9' | 29 lbs |
| 66.459 | 9'10" | 30 lbs |



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)



TECHNICAL DATA

| | |
|-------------------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (top & side) | 3/8" NPTF (other options available) |
| Outlet | 3/8" NPTF (other options available) |
| Throughput medium | water, oil, air at pH 3-12 |

 environmentally friendly products

Legend

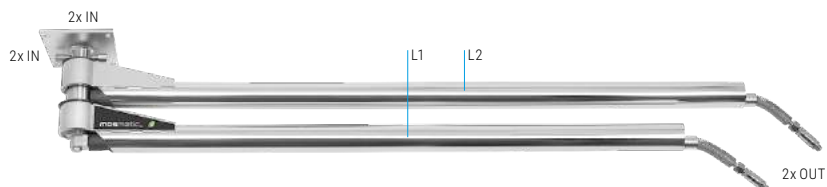
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

DUAL CEILING BOOM



- ✓ A classic for the prep station
- ✓ Delivered ready for installation
- ✓ 2x 360° booms on one stem

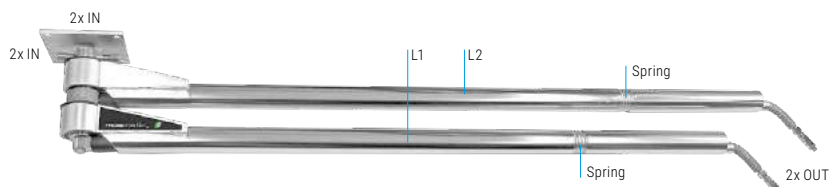
The dual ceiling boom is commonly installed as tunnel prep, detail or fleet wash applications. This is the area where they are most frequently used. If used in a self-service car wash, we recommend to connect the foam brush to the upper boom and the high pressure wand to the lower boom.



When using high and low pressure, we recommend to connect the low pressure to the upper boom.

DDP

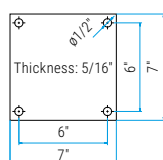
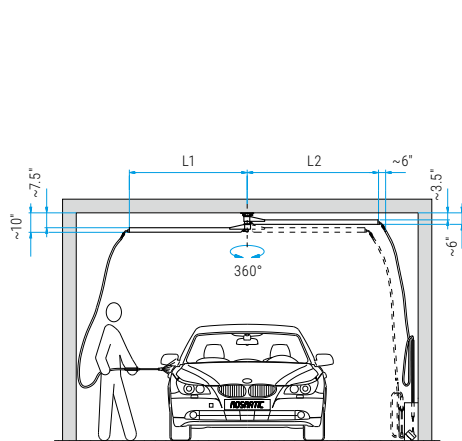
| Part No. | L1 | L2 | Weight |
|----------|------|------|--------|
| 67.409 | 4'9" | 5'3" | 39 lbs |
| 67.419 | 5'3" | 5'9" | 41 lbs |
| 67.429 | 5'9" | 6'3" | 42 lbs |
| 67.439 | 6'3" | 6'9" | 44 lbs |
| 67.449 | 6'9" | 7'5" | 46 lbs |
| 67.459 | 7'5" | 8'2" | 48 lbs |



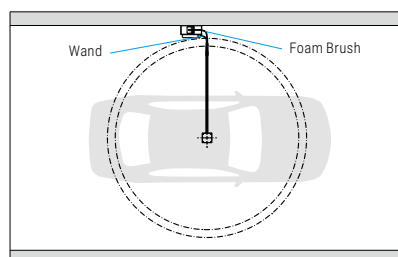
When using high and low pressure, we recommend to connect the low pressure to the upper boom.

DDF (with flex-arm)

| Part No. | L1 | L2 | Weight |
|----------|------|------|--------|
| 63.409 | 4'9" | 5'3" | 40 lbs |
| 63.419 | 5'3" | 5'9" | 41 lbs |
| 63.429 | 5'9" | 6'3" | 43 lbs |
| 63.439 | 6'3" | 6'9" | 45 lbs |
| 63.449 | 6'9" | 7'5" | 49 lbs |
| 63.459 | 7'5" | 8'2" | 52 lbs |



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)



TECHNICAL DATA

| | |
|--------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (top & side) | 3/8" NPTF (other options available) |
| Outlet | 3/8" NPTF (other options available) |
| Throughput medium | water, oil, air at pH 3-12 |



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

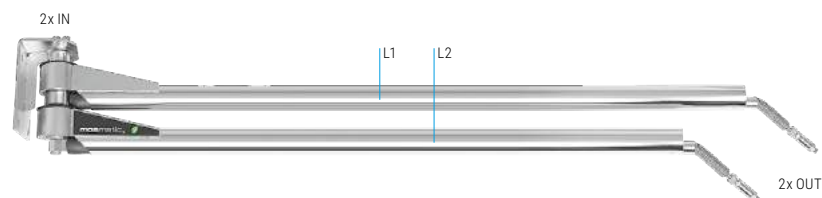
- ✓ 180° smooth rotation
- ✓ Insulated HP-hose
- ✓ Multiple industry application

Wall-mounted booms are ideal for outdoor areas or in wash bays where ceiling mounts are not an option. The wall bracket is designed for the boom to return to the resting position you selected.



WAE (with HP-hose)

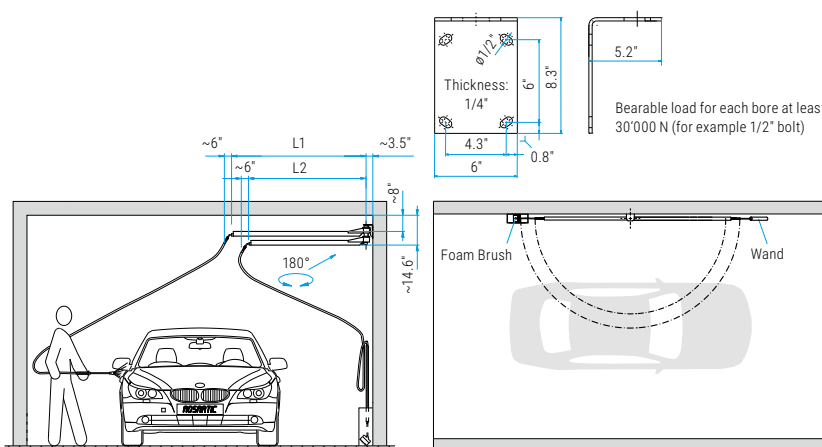
| Part No. | L | Weight |
|----------|-------|--------|
| 68.509 | 4'9" | 22 lbs |
| 68.519 | 5'3" | 24 lbs |
| 68.529 | 5'9" | 24 lbs |
| 68.539 | 6'3" | 24 lbs |
| 68.549 | 6'9" | 25 lbs |
| 68.559 | 7'5" | 26 lbs |
| 68.569 | 8'2" | 27 lbs |
| 68.579 | 9' | 29 lbs |
| 68.589 | 9'10" | 31 lbs |



When using high and low pressure, use upper boom for low pressure.

WAD

| Part No. | L1 | L2 | Weight |
|----------|------|------|--------|
| 61.409 | 5'3" | 4'9" | 42 lbs |
| 61.419 | 5'9" | 5'3" | 43 lbs |
| 61.429 | 6'3" | 5'9" | 43 lbs |
| 61.439 | 6'9" | 6'3" | 44 lbs |
| 61.449 | 7'5" | 6'9" | 45 lbs |
| 61.459 | 8'2" | 7'5" | 48 lbs |



TECHNICAL DATA

| | |
|--------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (top & side) | 3/8" NPTF (other options available) |
| Output | 3/8" NPTF (other options available) |
| Throughput medium | water, oil, air at pH 3-12 |

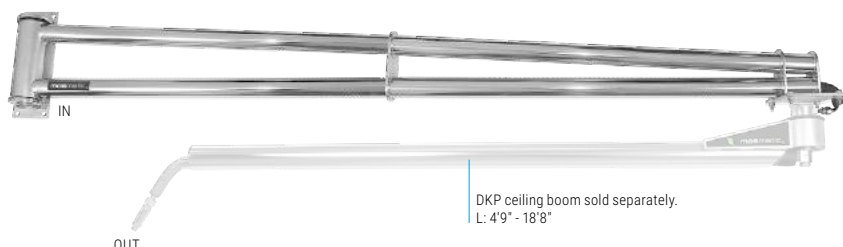
 environmentally friendly products

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Smooth, comfortable operation
- ✓ Extended work radius
- ✓ Solid construction

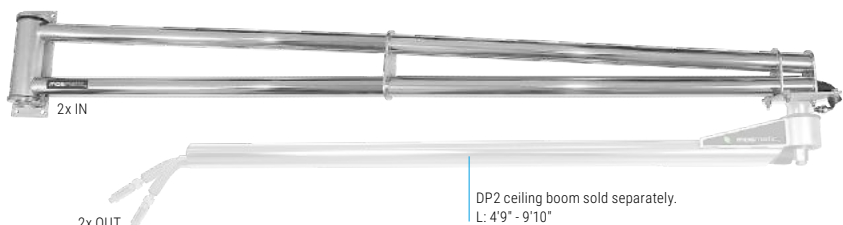
Whenever extended lengths and maximum flexibility are required, the wall-boom-extension is perfect for the job. Prime examples are truck wash bays, mining facilities, air craft maintenance and manufacturing plants. When combined correctly, a working radius of 39' is possible.



WSA (1 inner pipe = 1 inlet)

| Part No. | B | L max. | Weight |
|----------|-------|--------|---------|
| 60.522 | 6'8" | 6'3" | 53 lbs |
| 60.532 | 8'2" | 7'5" | 56 lbs |
| 60.542 | 9'10" | 9' | 63 lbs |
| 60.983 | 14'9" | 9'10" | 114 lbs |
| 60.930 | 19'8" | 19'8" | 127 lbs |

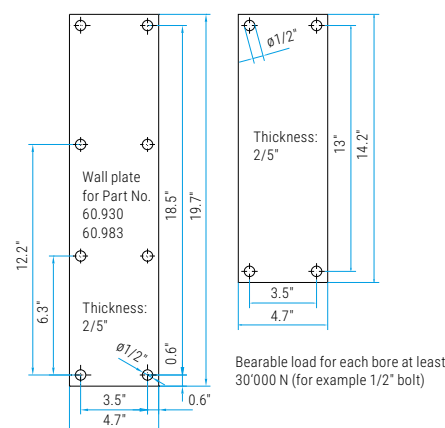
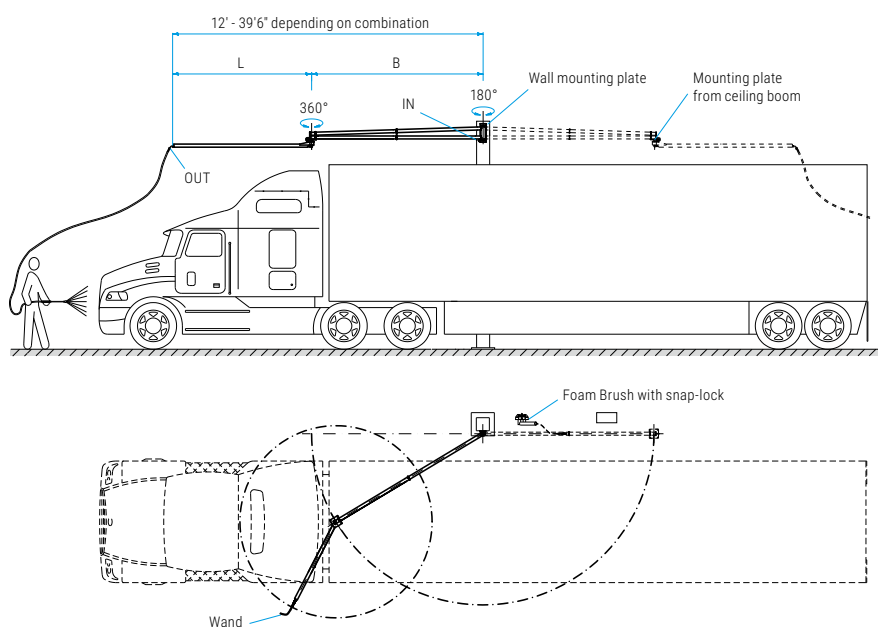
Add ceiling boom: DKP



WSA-2R (2 inner pipes = 2 inlets)

| Part No. | B | L max. | Weight |
|----------|-------|--------|--------|
| 60.910 | 6'8" | 6'3" | 55 lbs |
| 60.911 | 8'2" | 7'5" | 60 lbs |
| 60.912 | 9'10" | 9' | 66 lbs |

Add ceiling boom: DP2





TECHNICAL DATA


| | |
|-------------------|-------------------------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Inlet (bottom) | 3/8" NPTF (other options available) |
| Outlet | 3/8" NPTM (other options available) |
| Throughput medium | water, oil, air at pH 3-12 |


Legend


M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


| Axle Extension | Part No. | Weight | |
|--|----------------|----------|---|
| for ceiling booms, stainless steel extended by 30" | 902.293 | 35.6 lbs |  |


| Bracket | Part No. | Weight | |
|--|---------------|---------|---|
| with bumpers, stainless steel, for WAE | 68.952 | 3.3 lbs |  |


| Break-Away Fitting | Part No. | Weight | |
|---|---------------|---------|---|
| IN 3/8" NPTM, OUT 3/8" NPTF 5800 psi, brass nickel plated | 52.903 | 0.2 lbs |  |
| IN R1/4" M, OUT G1/4" F 5800 psi, brass nickel plated | 52.904 | 0.2 lbs | |
| IN R3/8" M, OUT G3/8" F 5800 psi, brass nickel plated | 52.905 | 0.2 lbs | |


| Bumper | Part No. | Weight | |
|-----------------|---------------|----------|---|
| for boom, ø2.4" | 65.989 | 0.02 lbs |  |


| Extension | Part No. | Weight | |
|---|----------------|----------|---|
| for ceiling booms, stainless steel extends by 2" | 902.753 | 9.5 lbs |  |
| for ceiling booms, stainless steel extends by 4" | 902.752 | 11.2 lbs | |
| for ceiling booms, stainless steel extends by 8" | 901.875 | 14.5 lbs | |
| for ceiling booms, stainless steel extends by 16" | 901.876 | 22.0 lbs | |


| HP-Hose | Part No. | Weight | |
|----------------------------------|---------------|---------|--|
| NW 3/8", standard car wash hose | | |  |
| 4', IN 3/8" NPTM, OUT 3/8" NPTM | 90.073 | 0.9 lbs | |
| 15', IN 3/8" NPTM, OUT 3/8" NPTM | 90.074 | 3.9 lbs | |
| 20', IN 3/8" NPTM, OUT 3/8" NPTM | 90.075 | 4.6 lbs | |

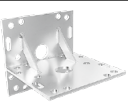
| HP-Hose Comfort | Part No. | Weight | |
|---|---------------|---------|---|
| NW 3/8", lightweight construction, inner core PES | | |  |
| 12', IN 3/8" NPTM, OUT 3/8" NPTM | 90.089 | 1.1 lbs | |
| 14', IN 3/8" NPTM, OUT 3/8" NPTM | 90.088 | 1.3 lbs | |
| 16', IN 3/8" NPTM, OUT 3/8" NPTM | 90.090 | 1.3 lbs | |

| LED-Control Box | Part No. | Weight | |
|---|---------------|---------|---|
| for maximum 2x booms Includes: Controller, power supply, remote control, receiver with housing | 65.975 | 1.3 lbs |  |

| Mounting Bracket | Part No. | Weight | |
|---|---------------|----------|---|
| for DKZ, stainless steel 47"9"/2" (L/W/H) | 65.903 | 29.0 lbs |  |
| for DKZ, stainless steel 75"9"/2" (L/W/H) | 65.988 | 46.3 lbs | |

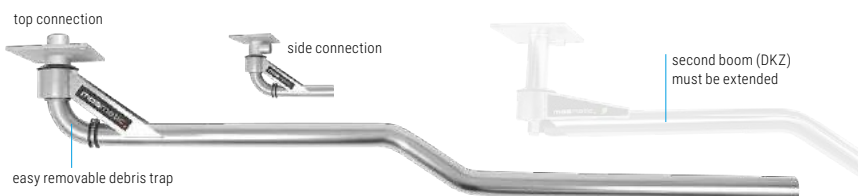
| Positioning Device | Part No. | Weight | |
|--------------------------------|---------------|---------|---|
| with magnet, height adjustable | 65.911 | 2.0 lbs |  |

| Three Way Valve | Part No. | Weight | |
|---|---------------|---------|---|
| for DP2, IN 2x 3/8" NPTF, OUT 3/8" NPTF | 90.065 | 1.3 lbs |  |

| Wall Bracket Universal | Part No. | Weight | |
|------------------------------------|---------------|---------|---|
| for ceiling booms, stainless steel | 65.940 | 6.6 lbs |  |

- ✓ 180° or 360° smooth rotation
- ✓ Top, bottom or side port connections
- ✓ Can be combined with other Mosmatic booms
- ✓ For use with air dryers or vacuum systems

Using Mosmatic Air-System Booms will not only keep your hoses off the ground, but save your customer from dragging wet and dirty hoses into their vehicles.
Available in: wall, floor or ceiling mount. For use with a vacuum or Mosmatic Air-Dry.



LU-DZ (Air-boom «Z» for ceiling installation)

| Part No. | L | D | Connection | Weight |
|----------|------|----|------------|--------|
| 60.324 | 5'1" | 2" | side | 19 lbs |
| 60.326 | 5'1" | 2" | top | 18 lbs |

Part No. includes one boom.



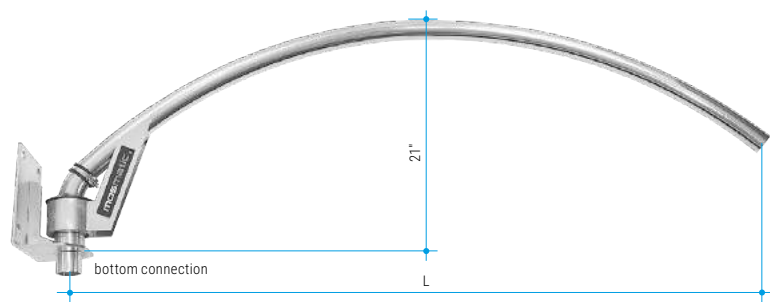
LU-D (Air-boom straight, for ceiling installation)

| Part No. | L | D | Connection | Weight |
|----------|------|------|------------|--------|
| 60.301 | 5'3" | 1.5" | side | 17 lbs |
| 60.306 | 5'3" | 1.5" | top | 18 lbs |
| 60.310 | 5'3" | 2" | side | 17 lbs |
| 60.313 | 5'3" | 2" | top | 18 lbs |



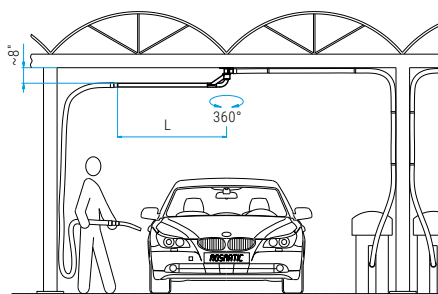
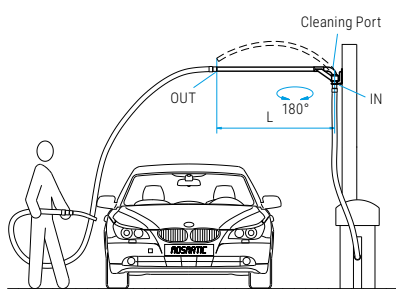
LU-W (Air-boom straight, for wall installation)

| Part No. | L | D | Connection | Weight |
|----------|------|------|------------|--------|
| 60.302 | 5'3" | 1.5" | bottom | 17 lbs |
| 60.311 | 5'3" | 2" | bottom | 18 lbs |

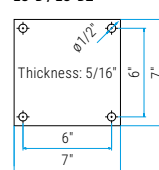


LU-WB (Air-boom curved, for wall installation)

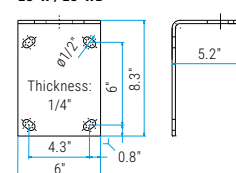
| Part No. | L | D | Connection | Weight |
|----------|------|----|------------|--------|
| 60.958 | 5'7" | 2" | bottom | 19 lbs |



LU-D / LU-DZ



LU-W / LU-WB



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

Legend

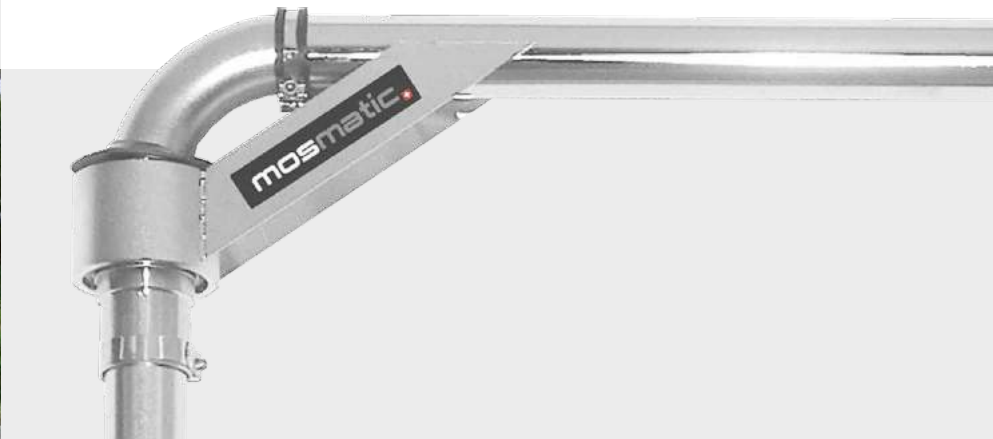
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

AIR-SYSTEM STAND

- ✓ 180° or 360° smooth rotation
- ✓ Polished stainless steel
- ✓ Solid construction
- ✓ Ideal for vacuum islands



Mosmatic free standing floor mounted air-booms allow you the convenience of placing your boom where you need it. Choose between a 180° or 360° rotation.



LU-B (Air system stand 360°)

| Part No. | Ø | Weight |
|----------|------|--------|
| 60.303 | 1.5" | 38 lbs |
| 60.312 | 2" | 48 lbs |

Air-system boom included.

LU-S (Air system stand 360°)

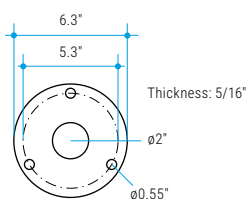
| Part No. | Ø | Weight |
|----------|----|--------|
| 60.971 | 2" | 21 lbs |

Air-system boom included.
Mount on standalone vacuum.

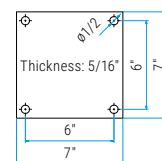
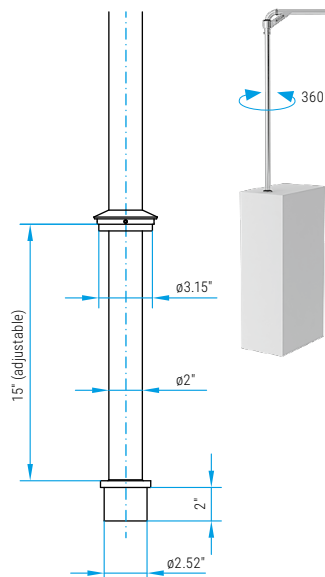
LU-Z (Air system stand 180°)

| Part No. | Weight |
|----------|--------|
| 60.318 | 53 lbs |

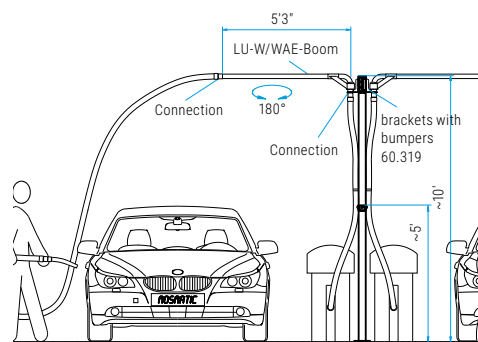
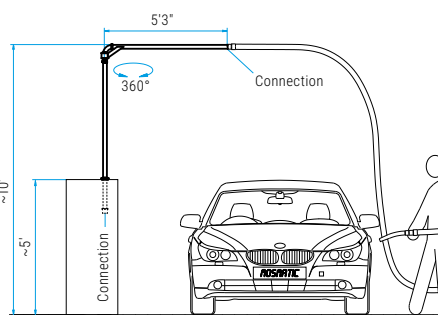
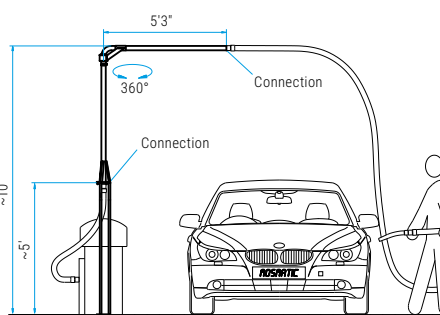
Without Air-boom, suitable for
2x LU-W or WAE.



Bearable load for each bore at least
30'000 N (for example 1/2" bolt)



Bearable load for each bore at least
30'000 N (for example 1/2" bolt)



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

MOSMATIC DRYER

- ✓ In bay or island self serve drying
- ✓ Quick and streak-free drying
- ✓ Additional source of income



Mosmatic Dry is the new, profit-generating attraction in self-service car wash systems. It dries vehicles and motorcycles efficiently and leaves any type of vehicle streak free in the summer and winter. Gentle on your vehicles finish.



MOSMATIC DRY

Dryer unit suitable for all Mosmatic Air-booms. A new attraction in your wash bay.

| Part No. | Weight |
|----------|--------|
| 60.397 | 70 lbs |

Universal dryer used for cars, motorcycles and boats. For wall or ceiling installations. Also installs directly to your car wash vac using universal mounting plate. Mosmatic Dry needs to be installed under a roof.


- Ready for installation:
- dryer with 120VAC (illuminated)
 - 2x 7 ampere motors
 - air-gun
 - gun-holder (wall mount)
 - hose (15')
 - hose (2'5"), connects housing to boom
 - operator guide plaque
 - installation instructions


DRYER PACKAGES


| Part No. | Includes |
|----------|---|
| 60.929 | Ceiling Boom, 90° Pipe, Pulley, Mosmatic Dry (blue), Gun/-holder, Hoses |
| 60.931 | Wall Boom, Mosmatic Dry (blue), Gun/-holder, Hoses |
| 60.961 | Wall Boom, Mosmatic Dry (red), Gun/-holder, Hoses |





■ Legend
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


| Air System Boom (40") | Part No. | Weight | |
|---|---------------|----------|---|
| ø1.5", for wall mounting, 45° bent stainless (INOX) | 60.925 | 14.3 lbs |  |


| Bracket | Part No. | Weight | |
|----------------------|---------------|---------|---|
| with bumpers, for LU | 60.319 | 6.4 lbs |  |


| Extension (3'3") | Part No. | Weight | |
|-------------------------------|---------------|---------|---|
| ø1.5", 1x Pipe clamp included | 60.304 | 3.5 lbs |  |
| ø2", 1x Pipe clamp included | 60.315 | 4.1 lbs | |


| Extension (24") | Part No. | Weight | |
|-----------------------------|---------------|---------|---|
| ø2", 1x Pipe clamp included | 60.321 | 3.5 lbs |  |


| Mosmatic Mat holder | Part No. | Weight | |
|-------------------------|---------------|---------|---|
| for wall mounting, INOX | 90.050 | 1.0 lbs |  |


| Mounting Bracket | Part No. | Weight | |
|--|---------------|----------|---|
| for DKZ, stainless steel 47"/9"/2" (L/W/H) | 65.903 | 29.0 lbs |  |
| for DKZ, stainless steel 75"/9"/2" (L/W/H) | 65.988 | 46.3 lbs | |

| Pipe clamp with bar and rubber | Part No. | Weight | |
|--------------------------------|----------------|----------|---|
| ø1.5" for air system | 902.480 | 0.11 lbs |  |
| ø2" for air system | 902.432 | 0.13 lbs | |

| Pulley (pulling force up to 30N) | Part No. | Weight | |
|----------------------------------|---------------|---------|--|
| ø1.5", 2x Pipe clamp included | 60.307 | 1.8 lbs |  |
| ø2", 2x Pipe clamp included | 60.320 | 1.8 lbs | |

| Sign for Mosmatic Dryer | Part No. | Weight | |
|--|----------------|---------|---|
| Bay instructional 16.5"/23.4"/0.08", Forex | 902.877 | 0.6 lbs |  |

| Swivel coupling | Part No. | Weight | |
|-------------------------------------|---------------|---------|---|
| ø1.5", INOX, 1x Pipe clamp included | 60.308 | 0.9 lbs |  |
| ø2", INOX, 1x Pipe clamp included | 60.323 | 1.1 lbs | |

| 90° Pipe | Part No. | Weight | |
|-------------------------------|---------------|---------|---|
| ø1.5", 1x Pipe clamp included | 60.305 | 0.9 lbs |  |
| ø2", 1x Pipe clamp included | 60.314 | 0.9 lbs | |

VERTICAL BOOM

- ✓ 360° smooth rotation
- ✓ Complete stainless steel (INOX)
- ✓ Solid construction
- ✓ Flexible tension arm



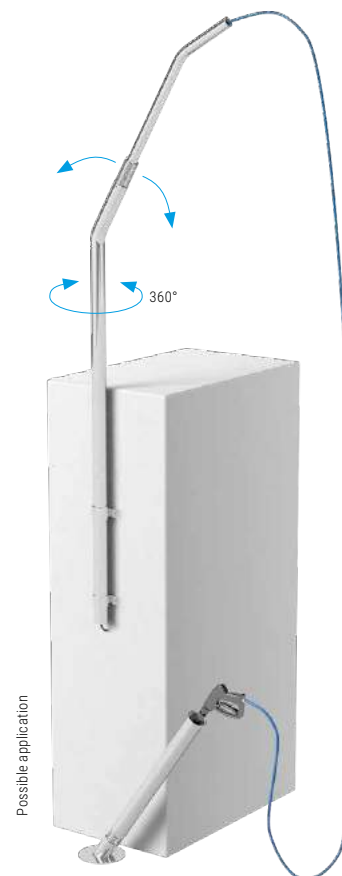
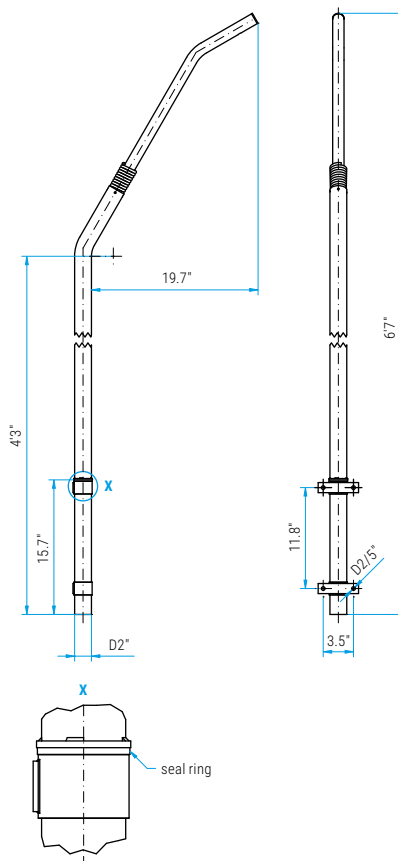
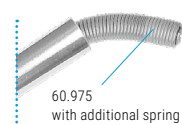
The convenient solution for a single wash station! The 360° range of rotation and built-in tension spring take up a minimal amount of space with full range of motion. All stainless steel vertical boom, mounting brackets included.



SAW (vertical boom)

| Part No. | Length | Weight |
|----------|--------|----------|
| 60.701 | 6'7" | 10 lbs |
| 60.975 | 6'7" | 10.4 lbs |

Accessories: hose, gun, wand, wand holder (not included)



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Everything for one-stop shopping
- ✓ Air-System boom option
- ✓ Complete package for self-service car wash

Equip your self-service car wash with the Mosmatic bay-package. Packages contain all the components to complete your self serve bays having that finished clean appearance and functionality.

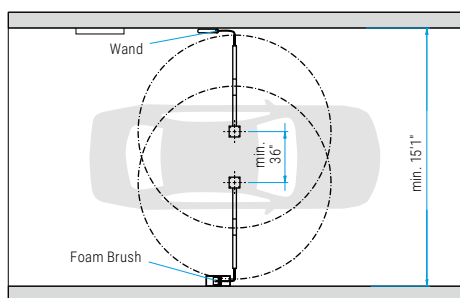


2 Packages, 4 Possibilities

Easy combine:

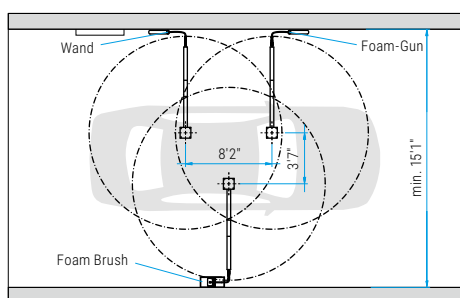
- Dual Set-up
- Triple Set-up
- Dual Set-up with MOSMATIC DRY
- Triple Set-up with MOSMATIC DRY

Products suited for Water Recycling



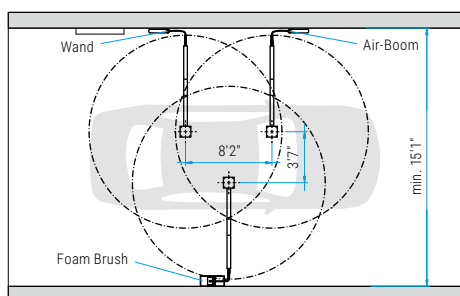
Dual Set-up

| Part No. | Quantity | Description |
|----------|----------|--|
| 65.019 | 2x | DKZ-Boom, 5'1", polished |
| 26.980 | 1x | Wand straight, 20"/8", with nozzle guard |
| 2507 | 1x | High pressure nozzle 2507 |
| 32.564 | 1x | DGV gun swivel, 3/8" NPTF - 3/8" NPTM |
| 29.097 | 1x | Wand-Holder spring model, with recovery port, floor mounted, stainless steel |
| 29.082 | 1x | HP-Gun with weep-system, 4500psi, 300°F |
| 25.922 | 1x | Brush Wand straight, 41"/32", swiveling |
| 29.027 | 1x | Brush-Bucket wall- and floor mounted, 2" drain plug with overflow, stainless steel |
| 90.050 | 2x | Mat-holders, stainless steel |
| 19.026 | 2x | HP-hose blue, NW6, 5800psi, 300°F, length: 15' |



Triple Set-up

| Part No. | Quantity | Description |
|----------|----------|--|
| 65.019 | 3x | DKZ-Boom, 5'1", polished |
| 26.980 | 1x | Wand straight, 20"/8", with nozzle guard |
| 2507 | 1x | High pressure nozzle 2507 |
| 32.564 | 1x | DGV gun swivel, 3/8" NPTF - 3/8" NPTM |
| 29.097 | 1x | Wand-Holder spring model, with recovery port, floor mounted, stainless steel |
| 29.082 | 1x | HP-Gun with weep-system, 4500psi, 300°F |
| 25.922 | 1x | Brush Wand straight, 41"/32", swiveling |
| 29.027 | 1x | Brush-Bucket wall- and floor mounted, 2" drain plug with overflow, stainless steel |
| 29.085 | 1x | Foam Gun |
| 5040 | 1x | High pressure nozzle 5040 |
| 29.084 | 1x | Foam gun holder, wall mount |
| 90.050 | 2x | Mat-holders, stainless steel |
| 19.026 | 3x | HP-hose blue, NW6, 5800psi, 300°F, length: 15' |



MOSMATIC DRY Add-on to Dual Set-up

| Part No. | Quantity | Description |
|----------|----------|--|
| 60.326 | 1x | Air-Boom 2", 5'3", Ceiling-mounted |
| 60.314 | 1x | 90° elbow, 2", including clamp, INOX |
| 60.320 | 1x | Pulley, including clamp |
| 60.397 | 1x | MOSMATIC DRY „Dryer“, wall-model, 110VAC |

For a more compact installation use extension shaft 902.753.

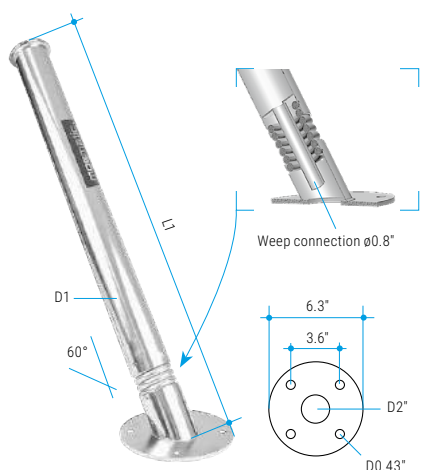
Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

WAND HOLDER

- ✓ High-quality workmanship
- ✓ Polished stainless steel
- ✓ Solid construction

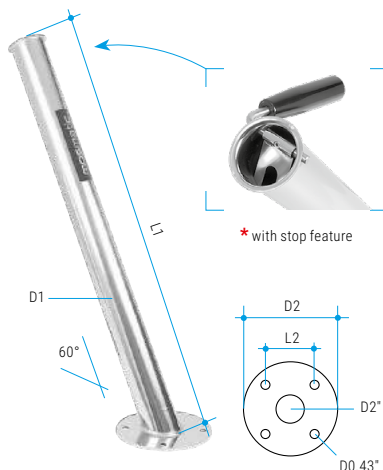
Only Mosmatic offers you such an extensive variety wand holders. Solid construction and high quality materials enhance their function and appearance, which increases value to your wash bay.



Wand holder

spring model, floor mounted, with weep connection

| Part No. | L1 | D1 | Weight |
|---------------|-------|------|---------|
| 29.097 | 27.8" | 2.4" | 6.8 lbs |
| 29.121 | 33.7" | 2.4" | 8.4 lbs |

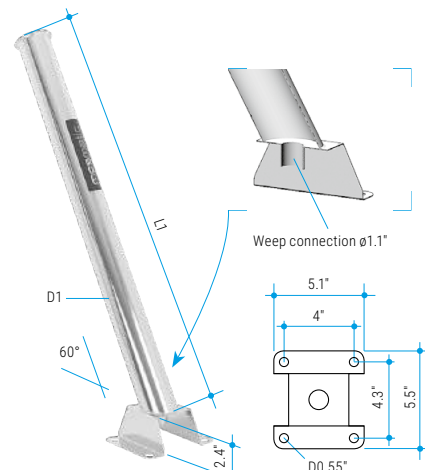


Wand holder

with weep connection, floor mounted

| Part No. | D1 | D2 | L1 | L2 | Weight |
|----------------|------|------|-------|------|---------|
| 29.028* | 2.4" | 6.3" | 29.5" | 3.6" | 6.0 lbs |
| 29.113 | 2.4" | 6.3" | 29.1" | 3.6" | 5.1 lbs |
| 29.127 | 3.9" | 7.9" | 28.5" | 4.7" | 7.9 lbs |

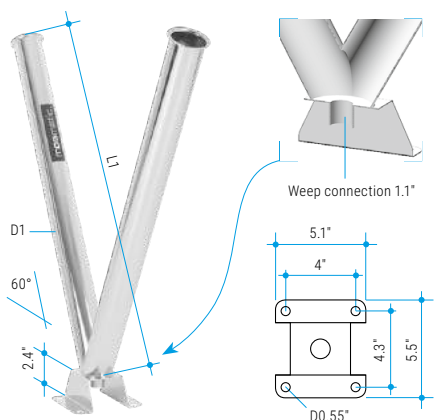
29.975 Stop feature replacement set



Wand holder

with weep connection, floor mounted

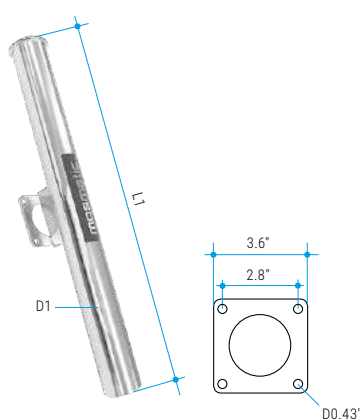
| Part No. | L1 | D1 | Weight |
|---------------|-----|------|---------|
| 29.115 | 29" | 2.4" | 4.4 lbs |



Dual wand holder

with weep connection, floor mounted

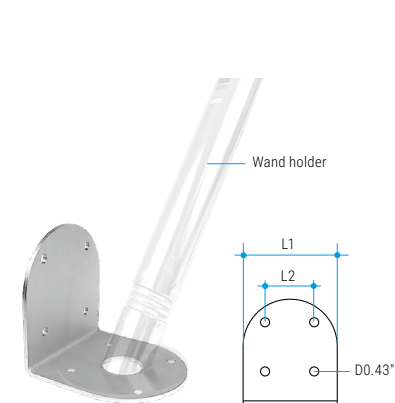
| Part No. | L1 | D1 | Weight |
|---------------|-----|------|---------|
| 29.124 | 29" | 2.4" | 8.8 lbs |



Wand holder

wall mounted

| Part No. | L1 | D1 | Weight |
|---------------|-------|------|---------|
| 29.083 | 23.2" | 2.4" | 3.7 lbs |
| 29.128 | 8" | 2.4" | 2 lbs |



Wand holder bracket

for wall mounting 29.097 / 29.028 / 29.113 / 29.121

| Part No. | L1 | L2 | Weight |
|---------------|------|------|---------|
| 29.099 | 6.3" | 3.6" | 4.2 lbs |

Legend

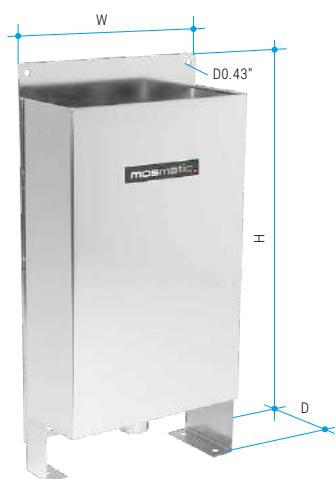
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D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

BRUSH BUCKET

- ✓ Polished stainless steel
- ✓ Rugged design
- ✓ Solid construction
- ✓ High-quality workmanship
- ✓ Delivered ready to install



Mosmatic Brush buckets are made of stainless steel that come complete with wash out debris collectors. The high quality workmanship and state of the art design, upgrade your wash bay both visually and functionally.



Brush bucket

wall- and floor mounted, polished stainless steel, 2" drain

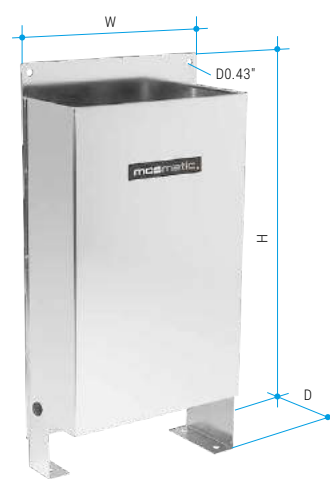
| Part No. | W | H | D | Weight |
|----------|-------|-------|------|--------|
| 29.026 | 13.4" | 26.8" | 5.6" | 18 lbs |



Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" drain

| Part No. | W | H | D | Weight |
|----------|-------|-------|------|----------|
| 29.027 | 13.4" | 26.8" | 5.6" | 18.5 lbs |



Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" drain, with a connection at the back

| Part No. | W | H | D | Weight |
|----------|-------|-------|------|----------|
| 29.114 | 13.4" | 26.8" | 6.4" | 18.5 lbs |



Brush holder

for all sorts of brushes, wall mounted

| Part No. | W | H | D | Weight |
|----------|------|------|------|---------|
| 29.030 | 9.8" | 3.5" | 3.9" | 1.1 lbs |



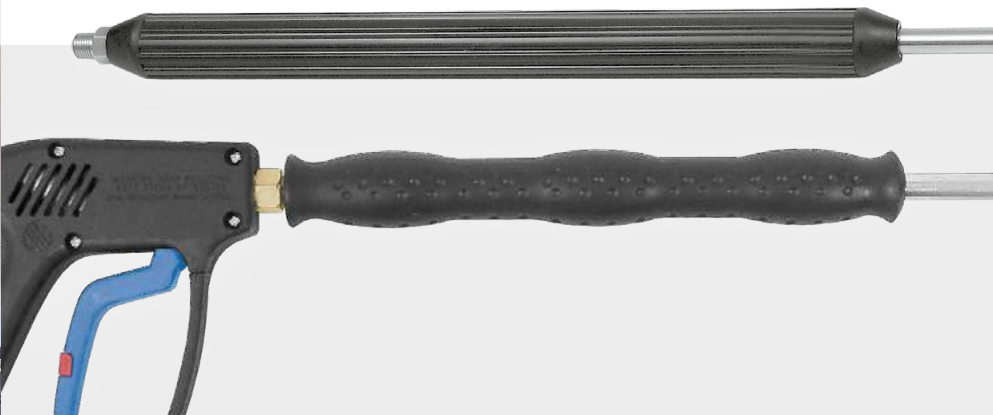
Mosmatic Mat holder

for wall mounting, INOX

| Part No. | W | H | D | Weight |
|----------|------|-------|------|---------|
| 90.050 | 1.8" | 11.8" | 2.4" | 1.0 lbs |

- ✓ High-quality workmanship
- ✓ Polyurethane grip
- ✓ Delivered ready for installation

Mosmatic wands made of high quality stainless steel are the standard in your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each wand has a modular design which allows for individual customer requirements. You choose the in-put out-put, length, grip and matching accessories to suit your needs.



TECHNICAL DATA

| | |
|-------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Nominal width | 1/4" |
| Throughput medium | pH 3-12 |

Mosmatic LAN-C (Classic)

| Part No. | L | GL | G1 | WS | DG | IN | OUT | Weight |
|----------|-----|-----|----------|-----|-----|-----------|---------------------|---------|
| 26.980 | 20" | 8" | straight | --- | --- | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 26.981 | 20" | 8" | bent | --- | --- | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 26.982 | 41" | 32" | straight | --- | --- | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.4 lbs |
| 26.983 | 41" | 32" | bent | --- | --- | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.4 lbs |

| | | | | | | | | |
|--------|-------|-----|------|-----|-----|-----------|-----------|---------|
| 25.905 | 37.5" | 32" | bent | --- | --- | 1/4" NPTM | 1/2" NPTM | 1.5 lbs |
| 25.906 | 37.5" | 32" | bent | --- | --- | 1/4" NPTF | 1/2" NPTM | 1.5 lbs |
| 25.907 | 37.5" | 32" | bent | --- | --- | 3/8" NPTM | 1/2" NPTM | 1.5 lbs |
| 25.908 | 37.5" | 32" | bent | --- | --- | 3/8" NPTF | 1/2" NPTM | 1.5 lbs |
| 25.909 | 37.5" | 32" | bent | --- | --- | 1/2" NPTM | 1/2" NPTM | 1.6 lbs |
| 25.910 | 37.5" | 32" | bent | --- | --- | 1/2" NPTF | 1/2" NPTM | 1.6 lbs |

L = total length, GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

| Part No. | L | GL | G1 | WS | DG | IN | OUT | Weight |
|----------|-----|-----|----------|-----|-----|---------|-----------|---------|
| 28.520 | 24" | 12" | straight | --- | --- | G3/8" F | 1/4" NPTF | 2.2 lbs |
| 28.521 | 24" | 12" | bent | --- | --- | G3/8" F | 1/4" NPTF | 2.2 lbs |
| 28.522 | 24" | 12" | straight | yes | --- | G3/8" F | 1/4" NPTF | 2.2 lbs |
| 28.523 | 24" | 12" | bent | yes | --- | G3/8" F | 1/4" NPTF | 2.2 lbs |
| 28.524 | 24" | 12" | straight | yes | yes | G3/8" F | 1/4" NPTF | 2.5 lbs |
| 28.525 | 24" | 12" | bent | yes | yes | G3/8" F | 1/4" NPTF | 2.5 lbs |
| 28.530 | 39" | 24" | straight | --- | --- | G3/8" F | 1/4" NPTF | 3.1 lbs |
| 28.531 | 39" | 24" | bent | --- | --- | G3/8" F | 1/4" NPTF | 3.1 lbs |
| 28.532 | 39" | 24" | straight | yes | --- | G3/8" F | 1/4" NPTF | 3.1 lbs |
| 28.533 | 39" | 24" | bent | yes | --- | G3/8" F | 1/4" NPTF | 3.1 lbs |
| 28.534 | 39" | 24" | straight | yes | yes | G3/8" F | 1/4" NPTF | 3.4 lbs |
| 28.535 | 39" | 24" | bent | yes | yes | G3/8" F | 1/4" NPTF | 3.4 lbs |

L = total length (without HP-Gun), GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

| Part No. | L | GL | G1 | WS | DG | IN | OUT | Weight |
|----------|-----|-----|----------|-----|-----|---------|---------|---------|
| 904.098 | 13" | 12" | straight | --- | --- | G1/4" M | G1/4" M | 0.7 lbs |
| 902.917 | 24" | 12" | straight | --- | --- | G1/4" M | G1/4" M | 0.9 lbs |
| 902.964 | 24" | 12" | bent | --- | --- | G1/4" M | G1/4" M | 0.9 lbs |
| 903.655 | 28" | 12" | straight | --- | --- | G1/4" M | G1/4" M | 0.9 lbs |
| 902.982 | 28" | 12" | bent | --- | --- | G1/4" M | G1/4" M | 0.9 lbs |
| 903.118 | 35" | 28" | straight | --- | --- | G1/4" M | G1/4" M | 1.8 lbs |
| 904.848 | 35" | 28" | bent | --- | --- | G1/4" M | G1/4" M | 1.8 lbs |
| 902.918 | 39" | 12" | straight | --- | --- | G1/4" M | G1/4" M | 1.3 lbs |
| 902.981 | 39" | 12" | bent | --- | --- | G1/4" M | G1/4" M | 1.3 lbs |

L = total length, GL = grip length, Nozzles not included.

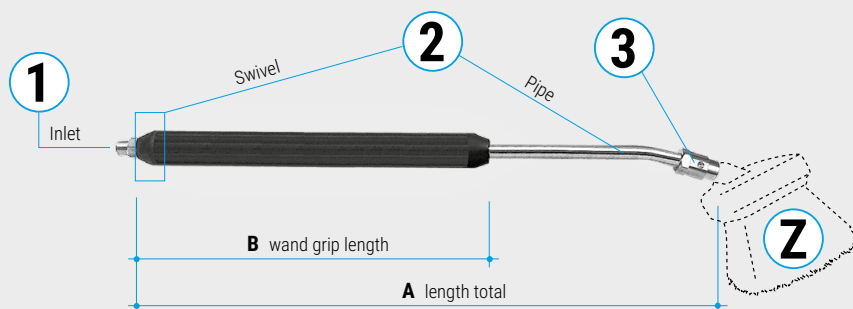
Legend





M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

INDIVIDUAL WANDS

- ✓ **Customize to your needs**
- ✓ **Quality craftsmanship**

Design your personal high pressure wand. Simply choose the in-put out-put, length, grip and matching accessories to suit your needs. Follow the steps 1, 2 and 3 to get the correct part number.

















| 1 | Inlet | No. |
|---|----------------------|-----|
|  | M21 x 1.5 F | 21. |
|  | M22 x 1.5 F | 22. |
|  | conical 3/8" NPTM | 25. |
|  | 1/4" NPTM | 26. |

| 2 | | Pipe straight | | Pipe bent | |
|--------------------------------------|---------|----------------|-------------|----------------|-------------|
| | | without Swivel | with Swivel | without Swivel | with Swivel |
| | | No. | No. | No. | No. |
| Other versions or sizes upon request | A B | No. | No. | No. | No. |
| | 10" 8" | 01 | 41 | - | - |
| | 14" 8" | 02 | 42 | 22 | 62 |
| | 20" 8" | 03 | 43 | 23 | 63 |
| | 26" 16" | 04 | 44 | 24 | 64 |
| | 30" 16" | 05 | 45 | 25 | 65 |
| | 34" 16" | 06 | 46 | 26 | 66 |
| | 34" 32" | 07 | 47 | - | - |
| | 38" 16" | 08 | 48 | 28 | 68 |
| | 38" 32" | 09 | 49 | 29 | 69 |
| | 41" 16" | 10 | 50 | 30 | 70 |
| | 41" 32" | 11 | 51 | 31 | 71 |
| | 50" 40" | 12 | 52 | 32 | 72 |
| | 60" 51" | 13 | 53 | 33 | 73 |
| | 70" 51" | 14 | 54 | 34 | 74 |
| | 80" 72" | 15 | 55 | 35 | 75 |

Your Part No.



| 3 | Outlet | No. |
|---|--|-----|
|  | Nozzle socket 1/8"NPTF for locking-screw | 0 |
|  | Nozzle socket 1/8"NPTF for snap-lock | 1 |
|  | Nozzle socket 1/4"NPTF for locking-screw | 2 |
|  | Nozzle socket 1/4"NPTF for snap-lock | 3 |
|  | R1/4" M (R=conical) | 4 |
|  | Foam injector D 0.1" R1/4" M (R=conical) | 5 |
|  | Nozzle socket G3/8" M 1/8"NPTF | 6 |
|  | Nozzle socket D 0.63" 1/4"NPTF | 7 |

| Z | Suitable Accessories | | | | |
|--------|---|--------|---|--------|---|
| 29.001 |  | 29.002 |  | 29.003 |  |
| 29.006 |  | 29.002 |  | 29.003 |  |
| 29.001 |  | 29.003 |  | | |
| 29.006 |  | 29.003 |  | | |
| 29.007 |  | | | | |
| 29.007 |  | | | | |
| 29.010 |  | | | | |
| 29.010 |  | | | | |

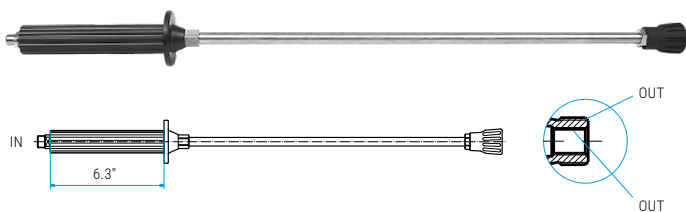
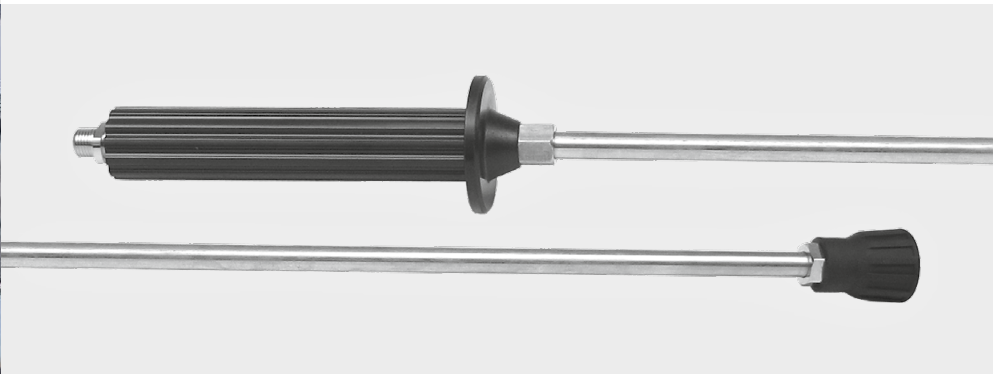
Nozzles not included.

WAND WITH FILTER SIEVE

- ✓ High-quality craftsmanship
- ✓ Polyurethane grip
- ✓ Optimal for recycled water



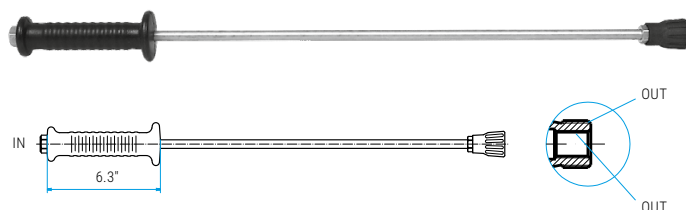
The high quality stainless steel Mosmatic wand with integrated filter. Ideal for an application not using a high pressure gun, connecting the hose directly to the wand.



Mosmatic LAS-C (Classic-Wand with filter sieve, hard plastic handle)

| Part No. | L | IN | OUT | Weight |
|----------|-----|-----------|---------------------|---------|
| 28.201 | 10" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.0 lbs |
| 28.202 | 14" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.0 lbs |
| 28.203 | 20" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 28.204 | 26" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 28.205 | 30" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.3 lbs |
| 28.206 | 34" | 1/4" NPTM | G3/8" M + 1/8" NPTF | 1.3 lbs |
| 28.251 | 10" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.0 lbs |
| 28.252 | 14" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.0 lbs |
| 28.253 | 20" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 28.254 | 26" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.3 lbs |
| 28.255 | 30" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.3 lbs |
| 28.256 | 34" | 3/8" NPTM | G3/8" M + 1/8" NPTF | 1.3 lbs |
| 28.301 | 10" | 1/4" NPTM | 1/4" NPTF | 1.0 lbs |
| 28.302 | 14" | 1/4" NPTM | 1/4" NPTF | 1.0 lbs |
| 28.303 | 20" | 1/4" NPTM | 1/4" NPTF | 1.1 lbs |
| 28.304 | 26" | 1/4" NPTM | 1/4" NPTF | 1.1 lbs |
| 28.305 | 30" | 1/4" NPTM | 1/4" NPTF | 1.3 lbs |
| 28.306 | 34" | 1/4" NPTM | 1/4" NPTF | 1.3 lbs |
| 28.351 | 10" | 3/8" NPTM | 1/4" NPTF | 1.0 lbs |
| 28.352 | 14" | 3/8" NPTM | 1/4" NPTF | 1.0 lbs |
| 28.353 | 20" | 3/8" NPTM | 1/4" NPTF | 1.1 lbs |
| 28.354 | 26" | 3/8" NPTM | 1/4" NPTF | 1.3 lbs |
| 28.355 | 30" | 3/8" NPTM | 1/4" NPTF | 1.3 lbs |
| 28.356 | 34" | 3/8" NPTM | 1/4" NPTF | 1.3 lbs |

L = total length, Nozzles not included.



Mosmatic LAH-C (Classic-Wand with filter, Polyurethane - molded soft handle)

| Part No. | L | IN | OUT | Weight |
|----------|-----|---------|---------------------|---------|
| 28.404 | 26" | G3/8" F | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 28.414 | 26" | G3/8" F | G3/8" M + 1/4" NPTF | 1.1 lbs |
| 28.405 | 30" | G3/8" F | G3/8" M + 1/8" NPTF | 1.1 lbs |
| 28.415 | 30" | G3/8" F | G3/8" M + 1/4" NPTF | 1.1 lbs |

L = total length

100 pieces or more available with red or blue handles. Nozzles not included.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

TECHNICAL DATA

| | |
|-------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Nominal width | 1/4" |
| Throughput medium | pH 3-12 |

- ✓ Perfect for self-service car wash
- ✓ Ergonomic design and easy handling
- ✓ Intensive cleaning also in the food industry



Mosmatic Foam Accessories are a great opportunity to complement your existing wash program with another lucrative option. You can choose between different options or combine the components yourself. The cleaning power of foam is also ideal for the food industry. Foam covering allows for better cleaning results, with more concentrated chemical saturation.



Foam Wand (black)

| Part No. | L | WA | IN | Weight |
|----------|-----|-----|---------|---------|
| 29.123 | 28" | 20" | G3/8" F | 2.4 lbs |

L = total length, WA = wand length

Use the Mosmatic foam wand in your existing self-service car wash, any sanitation cleaning task or in your facility maintenance program. The integrated air injected mechanism of the foam wand creates thick foam for complete surface coverage. Comes with Mosmatic low trigger force HP gun for ease of use over extended periods of time.



Chemical Regulator

with metering valve

| Part No. | L | IN/OUT | Weight |
|----------|------|--------|---------|
| 90.087 | 6'7" | M22 | 2.0 lbs |

The completely stainless steel regulator easily installs between your pressure washer and your high pressure hose. Adjust the chemical dial to determine between thick and thin layers of foam coverage.



Foam Head

Nozzle attachment for normal HP-wands.

| Part No. | Material | Color | L | IN | Size | Weight |
|----------|----------|-------|----|---------|------|---------|
| 29.122 | brass | black | 5" | G1/4" F | 1.6 | 0.3 lbs |
| 29.129 | INOX | blue | 7" | G1/4" F | 1.9 | 0.4 lbs |
| 29.139 | brass | black | 7" | G1/4" F | 1.6 | 0.4 lbs |

Mount the Mosmatic foam head to any existing spray wand. Adjustable flat spray nozzle allows quick adjustment for different foam applications.



TECHNICAL DATA

| | |
|-------------------|-------------------|
| Pressure | 4500 psi (31 MPa) |
| Temperature | 212°F |
| Throughput | max. 12 gpm |
| Throughput medium | pH 3-12 |

- ✓ Natural hogs hair (2.4")
- ✓ Rugged design
- ✓ Solid construction
- ✓ Polyurethane grip
- ✓ Delivered ready to install

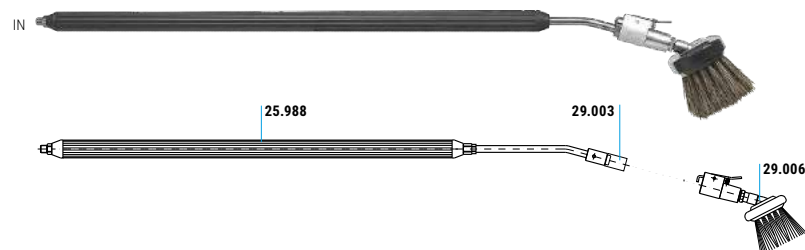
Make Mosmatic foam brush the standard in your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each foam brush has a modular design which allows for individual customer requirements. You choose the in-put out-put, the length of the wand and the protective tube as the matching accessories.



Mosmatic B-LAN-C (Classic)

| Part No. | L | GL | DG | IN | Weight |
|----------|-----|-----|-----|-----------|---------|
| 25.902 | 41" | 32" | --- | 3/8" NPTF | 2.9 lbs |
| 25.922 | 41" | 32" | yes | 3/8" NPTF | 3.4 lbs |
| 25.903 | 50" | 40" | --- | 3/8" NPTF | 3.4 lbs |
| 25.923 | 50" | 40" | yes | 3/8" NPTF | 3.7 lbs |

L = total length, GL = grip length



Mosmatic B-LAN-C (Classic foam brush for snap lock systems)

| Part No. | L | GL | DS | IN | Weight |
|----------|-----|-----|-----|-----------|---------|
| 25.988 | 38" | 32" | yes | 3/8" NPTM | 1.9 lbs |

L = total length, GL = grip length, DS = Nozzle guard incl.
Nozzles not included

| | | |
|--------|--|-----------|
| 29.003 | Nozzle guard | 0.008 lbs |
| 29.006 | Brush head complete with snap-lock feature | 2.5 lbs |



Mosmatic B-LAN-P (Pro)

| Part No. | L | GL | WS | DG | IN | Weight |
|----------|-----|-----|-----|-----|---------|---------|
| 28.540 | 24" | 12" | --- | --- | G3/8" F | 3.8 lbs |
| 28.541 | 24" | 12" | yes | --- | G3/8" F | 3.8 lbs |
| 28.542 | 24" | 12" | yes | yes | G3/8" F | 3.8 lbs |
| 28.545 | 40" | 28" | --- | --- | G3/8" F | 4.7 lbs |
| 28.546 | 40" | 28" | yes | --- | G3/8" F | 4.7 lbs |
| 28.547 | 40" | 28" | yes | yes | G3/8" F | 4.7 lbs |

L = total length (without HP-Gun), GL = grip length

TECHNICAL DATA

| | |
|-------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| Nominal width | 1/4" |
| Throughput medium | pH 3-12 |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Minimum working pressure 40 psi
- ✓ Minimum flow ratio 1.32 gpm
- ✓ Natural hogs hair
- ✓ Suitable for weep system
- ✓ Available in multiple lengths
- ✓ Available with built-in swivel

The Mosmatic Flex-Brush Wand provides an additional function when compared to all standard brushes. Directly in front of the head is a mechanism, which slackens the brush head when not under pressure. Increase the pressure and the head solidifies. The Flex-Brush Wand only works under pressure. The pressure build-up occurs by adding coins in the coin box. Durable lightweight construction makes it easy to use while giving you added savings of a longer lasting brush head. The triple foam wash cycle can not be used with the Flex-Brush Wand.

NOT AVAILABLE IN USA



F-LAN (40 - 150 psi, minimum 1.32 gpm)

| Part No. | L | IN | Foam injector | DG | Handle | Weight |
|----------|-----|---------|---------------|-----|--------|---------|
| 27.102 | 39" | R1/4" M | yes | --- | --- | 3.9 lbs |
| 27.103 | 51" | R1/4" M | yes | --- | --- | 4.4 lbs |
| 27.122 | 39" | G1/4" M | yes | yes | --- | 4.2 lbs |
| 27.123 | 51" | G1/4" M | yes | yes | --- | 4.6 lbs |
| 27.302 | 47" | G1/4" M | yes | --- | yes | 4.4 lbs |
| 27.303 | 59" | G1/4" M | yes | --- | yes | 5.0 lbs |
| 27.322 | 47" | G1/4" M | yes | yes | yes | 4.7 lbs |
| 27.323 | 59" | G1/4" M | yes | yes | yes | 5.3 lbs |

L = total length

F-LAN HD (150 - 1200 psi, minimum 2.38 gpm)

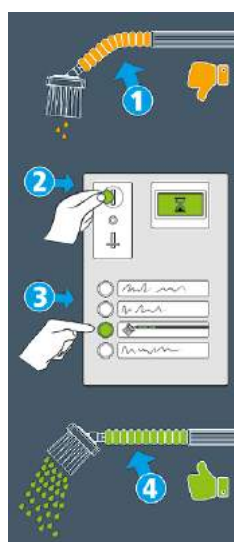
| Part No. | L | IN | Foam injector | DG | Handle | Weight |
|----------|-----|---------|---------------|-----|--------|---------|
| 27.107 | 39" | R1/4" M | yes | --- | --- | 3.9 lbs |
| 27.108 | 51" | R1/4" M | yes | --- | --- | 4.4 lbs |
| 27.127 | 39" | G1/4" M | yes | yes | --- | 4.2 lbs |
| 27.128 | 51" | G1/4" M | yes | yes | --- | 4.6 lbs |
| 27.307 | 47" | G1/4" M | yes | --- | yes | 4.4 lbs |
| 27.308 | 59" | G1/4" M | yes | --- | yes | 5.0 lbs |
| 27.327 | 47" | G1/4" M | yes | yes | yes | 4.7 lbs |
| 27.328 | 59" | G1/4" M | yes | yes | yes | 5.3 lbs |

L = total length

Instruction Board

This instruction board explains the concept of the Flex-Brush Wand. It clarifies that the Flex-Brush Wand only works with a paid program. Install the board close to Flex-Brush Wand for visual instruction.

| Part No. | Width | Height | Material | Weight |
|----------|-------|--------|-------------|---------|
| 902.999 | 12" | 28" | 0.08" Forex | 0.7 lbs |



TECHNICAL DATA

| | |
|-------------------|------------------------------|
| Pressure | 40 - 1200 psi (0.25 - 8 MPa) |
| Temperature | 250°F |
| Nominal width | 1/4" |
| Throughput medium | pH 3-12 |

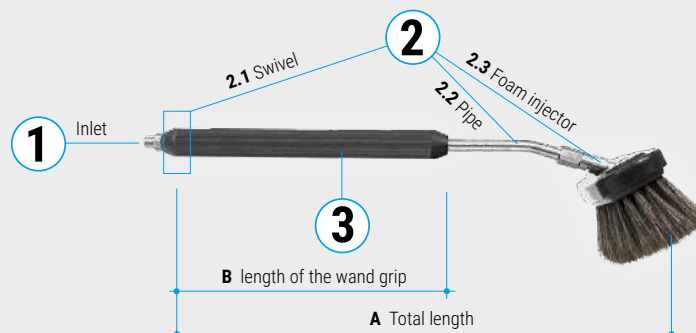
Legend





M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

INDIVIDUAL FOAM BRUSHES

- ✓ Complete wands with brush head
- ✓ Natural hogs hair (2.4")
- ✓ Delivered ready for installation

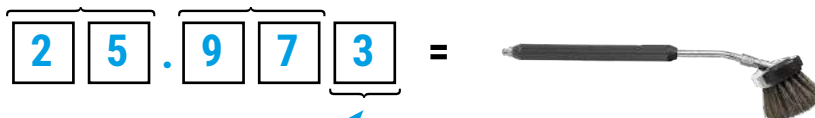
Customize Mosmatic brushes to your unique application. Simply choose your in-put out-put and desired components by following steps 1-3 to get your part number.



| 1 | Inlet | No. |
|---|----------------------|-----|
|  | M21 x 1.5 F | 21. |
|  | M22 x 1.5 F | 22. |
|  | conical 3/8" NPTM | 25. |
|  | 1/4" NPTM | 26. |

| 2.1 | 2.2 | 2.3 | No. |
|---------|----------|---------------|-----|
| Swivel | Pipe | Foam injector | |
| without | straight | without | 90 |
| without | bent | without | 91 |
| without | straight | with | 94 |
| without | bent | with | 95 |
| with | straight | without | 92 |
| with | bent | without | 93 |
| with | straight | with | 96 |
| with | bent | with | 97 |


Your Part No.





| 3 | A | B | No. |
|---|------|-----|-------------------|
| Other versions or sizes upon request | 36" | 24" | 1 (only bent) |
| | 36" | 32" | 1 (only straight) |
| | 41" | 32" | 2 |
| | 50" | 40" | 3 |
| | 60" | 51" | 4 |
| | 70" | 51" | 5 |
| | 80" | 72" | 6 |
| | 100" | 72" | 7 |



Legend


M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


| Brush | Part No. | Weight | |
|----------------|---------------|---------|---|
| 2.4" Hogs hair | 29.011 | 0.6 lbs |  |
| 3.5" Hogs hair | 29.065 | 0.7 lbs | |


| Brush Body | Part No. | Weight | |
|---|---------------|---------|---|
| Stainless steel, incl. 2x M5x12 bolts, IN G1/4" F | 29.012 | 0.5 lbs |  |


| Brush Guard | Part No. | Weight | |
|-------------------------|---------------|---------|---|
| neutral, plastic, black | 29.013 | 0.2 lbs |  |


| Brush Head Complete | Part No. | Weight | |
|--|---------------|---------|---|
| 2.4" Hogs hair, with locking-bolt | 29.001 | 1.6 lbs |  |
| 2.4" Hogs hair, with snap-lock feature | 29.006 | 1.8 lbs | |
| 2.4" Hogs hair, IN G1/4" F | 29.007 | 1.3 lbs |  |
| 3.5" Hogs hair, IN G1/4" F | 29.064 | 1.4 lbs | |


| Brush Holder | Part No. | Weight | |
|------------------------------|---------------|---------|---|
| stainless, with locking-bolt | 29.014 | 0.4 lbs |  |


| Brush Holder | Part No. | Weight | |
|--|---------------|---------|---|
| for all sorts of brushes, wall mounted | 29.030 | 1.1 lbs |  |


| Foam Injector | Part No. | Weight | |
|---|---------------|---------|--|
| ø0.1", G1/4" F - R1/4" M 90 psi 2.4 gpm, 1450 psi 9 gpm | 29.020 | 0.1 lbs |  |
| ø0.1", M12x1 F - R1/4" M 90 psi 2.4 gpm, 1450 psi 9 gpm | 29.021 | 0.1 lbs | |
| ø0.06", G1/4" F - R1/4" M 90 psi 0.8 gpm, 1450 psi 3.5 gpm | 29.060 | 0.1 lbs | |


| Hand Grip | Part No. | Weight | |
|---|---------------|---------|---|
| PP hand grip - ergonomically IN 1/4" NPTM, OUT 1/4" NPTF | 29.070 | 0.7 lbs |  |


| Handle | Part No. | Weight | |
|---------------------------------|---------------|---------|---|
| with filter sieve, hard plastic | | |  |
| IN G1/4" M, OUT M12 x 1 F | 29.801 | 0.7 lbs | |
| IN G3/8" M, OUT M12 x 1 F | 29.802 | 0.7 lbs | |
| IN G1/4" M, OUT G1/4" F | 29.803 | 0.7 lbs | |
| Replacement filter sieve | 29.023 | 0.1 oz | |

| Adaptor for LAN-P | Part No. | Weight | |
|-------------------|----------------|----------|---|
| SW0.78", ø1.5" | 904.097 | 0.02 lbs |  |


| Handle Holder | Part No. | Weight | |
|---------------|---------------|---------|---|
| ø2.4", L=7.9" | 29.128 | 2.0 lbs |  |


| HP-Hose | Part No. | Weight | |
|----------------------------------|---------------|---------|---|
| NW 3/8", standard car wash hose | | |  |
| 4', IN 3/8" NPTM, OUT 3/8" NPTM | 90.073 | 0.9 lbs | |
| 15', IN 3/8" NPTM, OUT 3/8" NPTM | 90.074 | 3.9 lbs | |
| 20', IN 3/8" NPTM, OUT 3/8" NPTM | 90.075 | 4.6 lbs | |




| HP-Hose Comfort | Part No. | Weight | |
|---|---------------|---------|---|
| NW 3/8", lightweight construction, inner core PES | | |  |
| 12', IN 3/8" NPTM, OUT 3/8" NPTM | 90.089 | 1.1 lbs | |
| 14', IN 3/8" NPTM, OUT 3/8" NPTM | 90.088 | 1.3 lbs | |
| 16', IN 3/8" NPTM, OUT 3/8" NPTM | 90.090 | 1.3 lbs | |


| Mosmatic HP Gun «Nano» | Part No. | Weight | |
|--|---------------|---------|---|
| 4000 psi, 300°F, weep IN 3/8" NPTF, OUT 1/4" NPTF | 29.082 | 1.8 lbs |  |

More products see HP Gun page.


| Mosmatic Mat holder | Part No. | Weight | |
|-------------------------|---------------|---------|---|
| for wall mounting, INOX | 90.050 | 1.0 lbs |  |


| Nozzle guard | Part No. | Weight | |
|-----------------------|---------------|----------|---|
| plug on ø0.6" & G3/8" | 29.010 | 0.02 lbs |  |
| for 1/8" NPT, SW 1/2" | 29.002 | 0.02 lbs | |
| for 1/8" & 1/4" NPT | 29.003 | 0.02 lbs | |


| Nozzle Socket | Part No. | Weight | |
|--|---------------|----------|---|
| for locking-screw SW 3/4" IN G1/4" F, OUT 1/8" NPTF | 29.016 | 0.1 lbs |  |
| for locking-screw SW 3/4" IN G1/4" F, OUT 1/4" NPTF | 29.017 | 0.1 lbs | |
| for snap-lock SW 3/4" IN G1/4" F, OUT 1/8" NPTF | 29.018 | 0.2 lbs |  |
| for snap-lock SW 3/4" IN G1/4" F, OUT 1/4" NPTF | 29.019 | 0.2 lbs | |
| ø0.6", IN M12x1 F, OUT 1/8" NPTF + G3/8" M | 29.042 | 0.09 lbs |  |

| Nozzles | Part No. | Weight | |
|-------------------------|---------------|----------|---|
| for foam brush 1/8" NPT | xx.xxx | 0.02 lbs |  |
| for HP wand | xx.xxx | 0.02 lbs | |


More products see nozzle page.

| Sign for F-LAN | Part No. | Weight | |
|--------------------------|----------------|---------|---|
| 11.8"/27.6"/0.08", Forex | 902.999 | 0.7 lbs |  |


| Snap-Lock Feature | Part No. | Weight | |
|-------------------------------|---------------|---------|---|
| stainless, aluminium, G1/4" M | 29.015 | 0.4 lbs |  |


| Splash Guard Flexible | Part No. | Weight | |
|---------------------------------------|---------------|---------|---|
| 9.4"/2.9"/1.1", bracket version round | 90.077 | 0.2 lbs |  |


More products see splash guard page.






| Swivel for HP Wand | Part No. | Weight | |
|-----------------------------|---------------|---------|---|
| IN 3/8" NPTM, OUT 3/8" NPTF | 32.564 | 0.7 lbs |  |

More products see swivel pages.

| Wand Holder bracket | Part No. | Weight | |
|---|---------------|---------|---|
| for wall mounting suitable for 29.097 / 29.028 / 29.113 29.121, size 6.3"/6.3"/6.3" | 29.099 | 4.2 lbs |  |

| Wands | Part No. | Weight | |
|---|---------------|---------|---|
| chemical spray wand, swiveling, 35.4", IN G1/4" M, max. 120°F, max. 360 psi, max. 8 gpm | 28.560 | 0.8 lbs |  |
| Koax spray pipe, 39" IN M21x1.5 F, OUT 2x 1/8" NPTF | 16219 | 2.4 lbs | |
| Vario spray pipe, 39" IN M21x1.5 F, OUT 1x 1/8" NPTF | 16227 | 2.0 lbs | |

| Weep System | Part No. | Weight | |
|--|---------------|---------|---|
| closure pressure ~70-120 psi flow rate ~0.25 gpm at ~58 psi | | |  |
| ø0.4", 90 psi 2.4 gpm, 1500 psi 9.0 gpm | 29.031 | 0.1 lbs | |
| ø0.3", 90 psi 0.8 gpm, 1500 psi 3.4 gpm | 29.032 | 0.1 lbs | |

| Wheelblaster Pro | Part No. | Weight | |
|---|----------------|----------|---|
| Extension for stand pole, 39" | 84.907 | 13.2 lbs |  |
| Stand pole, 39" | 903.986 | 15.7 lbs |  |
| Cleaning head, ø5.5", 4"/4" IN 3/8" NPTF | 84.586 | 9.3 lbs |  |
| Cleaning head, ø10", 6"/6" IN 3/8" NPTF | 84.596 | 11.2 lbs |  |
| Stabilizer nozzle, 1/4" NPTM, 3.7" | 14.901 | 0.2 lbs | |
| Stabilizer nozzle, 1/8" NPTM, 3.7" | 14.902 | 0.2 lbs |  |

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Polished stainless steel
- ✓ With mounting plate
- ✓ 4 nozzles inlets
- ✓ High quality swivel



WBL ø21"

| Part No. | Swivel | Rotor Arm | Weight |
|---------------|--------|-----------|----------|
| 84.504 | DYF | 16"/10" | 15.8 lbs |
| 84.514 | DYF | 18.5"/14" | 16.1 lbs |
| 84.509 | DYT | 16"/10" | 18.5 lbs |
| 84.519 | DYT | 18.5"/14" | 18.7 lbs |

Requires 4x HP nozzles, please order separate

DYF: triple-bearing system, DYT: quadruple bearing system

TECHNICAL DATA

| | |
|--------------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | up to 2000 rpm |
| Water connection | 3/8" NPTF |
| Nozzle connection | 4x 1/8" NPTF |
| Throughput medium | pH 3-12 |

Legend

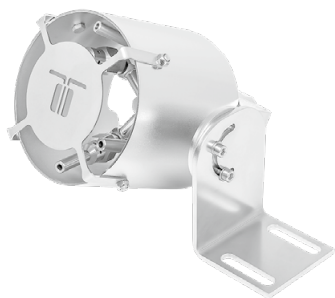
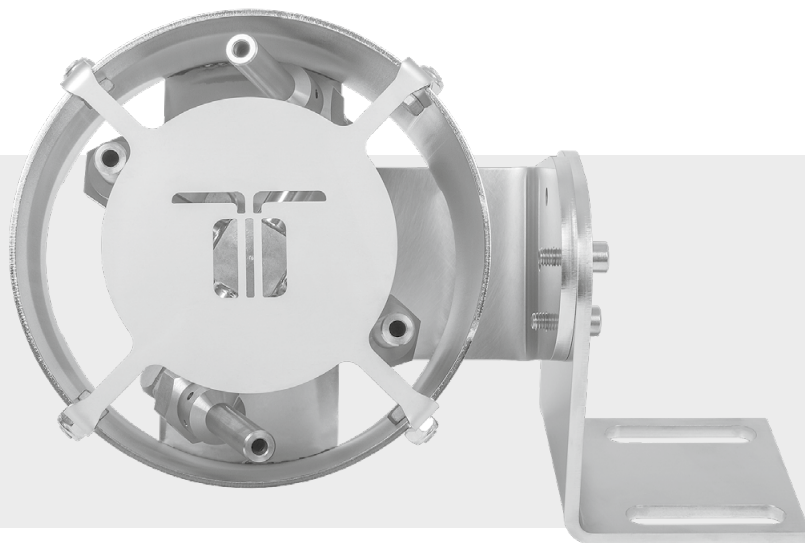
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

WHEELBLASTER COMPACT

- ✓ Equipped with stabilizer nozzles
- ✓ Assembly on both sides possible
- ✓ Flexible installation options
- ✓ Adjustable spray direction
- ✓ Polished stainless steel (INOX)



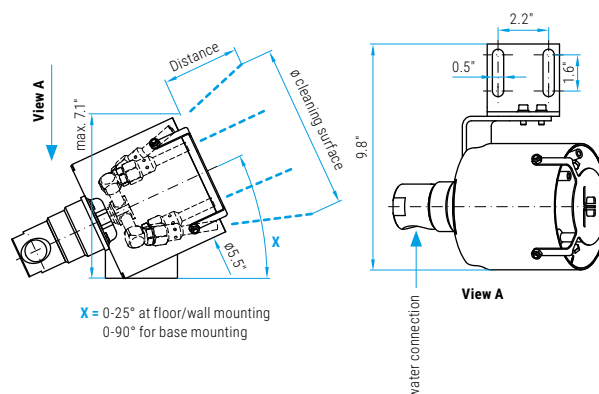
Due to the very compact design, this wheelblaster is ideal for installs where there is only limited space. The unit comes equipped with four stabilizer nozzles. These stabilizer nozzles increase distance and impact and the spray direction is adjustable to achieve optimal cleaning. Choose the correct EG nozzle to match your pump.



WBC

| Part No. | Swivel | Rotor arm | Stabilizer Nozzles | Insert Nozzle | Weight |
|----------|--------|-----------|--------------------|---------------|---------|
| 84.609 | DYTs | 4"/4" | 4x 14.902 | --- * | 9.0 lbs |

* Requires 4x EG-nozzles, according to your pump specifications



Action diameter

| Distance | Cleaning surface |
|----------|------------------|
| 10" | 12" |
| 20" | 20" |
| 30" | 28" |
| 40" | 33" |



Stabilizer Nozzle

(without insert nozzle)

| Part No. | IN |
|----------|-----------|
| 14.902 | 1/8" NPTM |

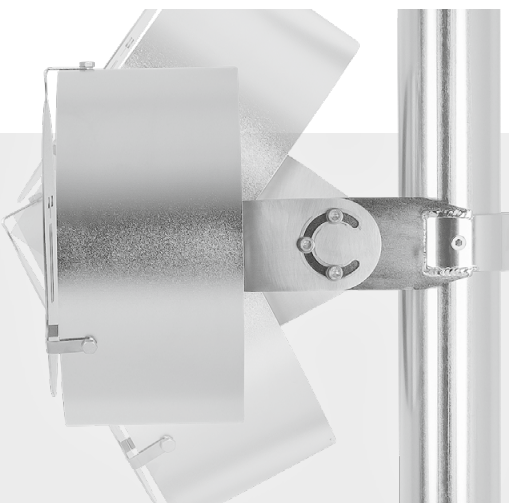
TECHNICAL DATA

| | |
|-------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | up to 2000 rpm |
| Water connection | 3/4" NPTF |
| Throughput medium | pH 3-12 |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Polished stainless steel
- ✓ Equipped with stabilizer nozzles
- ✓ Seamless height and angle adjustable
- ✓ Multiple cleaning heads can be installed
- ✓ High impact at distance



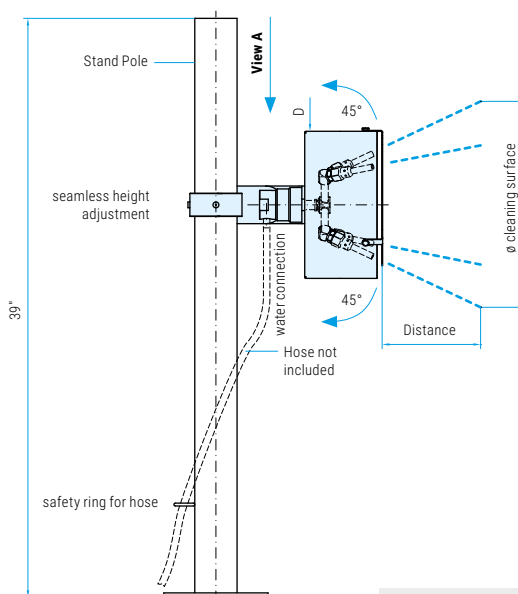
WBP

| Part No. | Swivel | D | Rotor arm | Stabilizer Nozzles | Insert Nozzle | Stand Pole | Weight |
|---------------|--------|-------|-----------|--------------------|---------------|------------|----------|
| 84.546 | DYTIIs | ø10" | 6"/6" | 4x 14.901 | --- * | yes | 27.0 lbs |
| 84.596 | DYTIIs | ø10" | 6"/6" | 4x 14.901 | --- * | no | 11.2 lbs |
| 84.586 | DYTIIs | ø5.5" | 4"/4" | 4x 14.902 | --- * | no | 9.3 lbs |

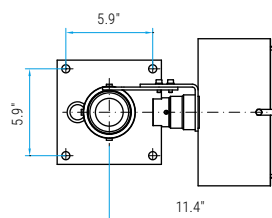
* Requires 4x EG-nozzles, according to your pump specifications

Extension

| Part No. | Length | Weight |
|---------------|--------|----------|
| 84.907 | 39" | 13.2 lbs |



View A



Action diameter

| Distance | Cleaning surface | |
|----------|------------------|-------|
| | ø10" | ø5.5" |
| 10" | 18" | 12" |
| 20" | 28" | 20" |
| 30" | 38" | 28" |
| 40" | 48" | 33" |



Stabilizer Nozzle

(without insert nozzle)

| Part No. | IN |
|---------------|-----------|
| 14.901 | 1/4" NPTM |
| 14.902 | 1/8" NPTM |

TECHNICAL DATA

| | |
|--------------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | up to 2000 rpm |
| Water connection | 3/8" NPTF |
| Throughput medium | pH 3-12 |

UNDERCARRIAGE CLEANER STATIONARY

- ✓ Compact and solid construction
- ✓ Equipped with stabilizer nozzles
- ✓ Modular design



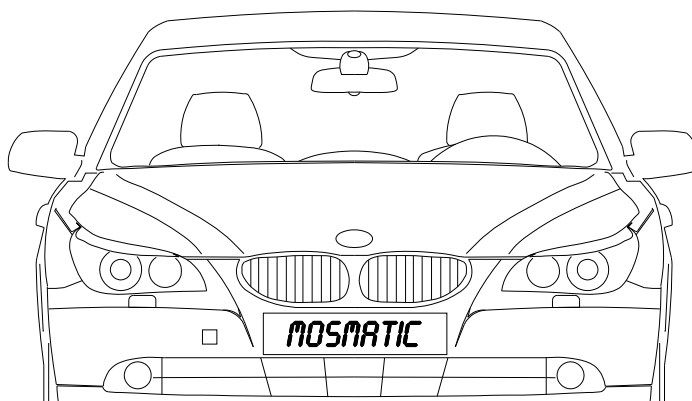
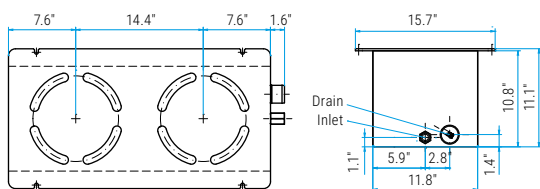
The TUW stationary is perfect for fixed ramp over or sub-floor undercarriage wash systems. Industrial grade stainless plates and boxes come complete with quad bearing swivels and welded balanced rotor arms. The high lift wash design removes heavy debris and cleans without damage to the vehicles undercarriage. Whether a new install or system upgrade this is sure to impress.



TUWs

| Part No. | Dimensions (L/W/H) | Weight | Swivels | Rotor arms | Stabilizer Nozzles | Insert Nozzle |
|----------|--------------------|----------|---------|------------|--------------------|---------------|
| 80.640 | 29.5"x11.8"x10.8" | 70.5 lbs | 2x DYT | 8"/10" | 4x 14.901 | ---* |

* Requires 4x EG-nozzles, according to your pump specifications



** Example connection. Other variants possible.

{Connection**}



Stabilizer Nozzle

(without insert nozzle)

| Part No. | IN |
|----------|-----------|
| 14.901 | 1/4" NPTM |

TECHNICAL DATA

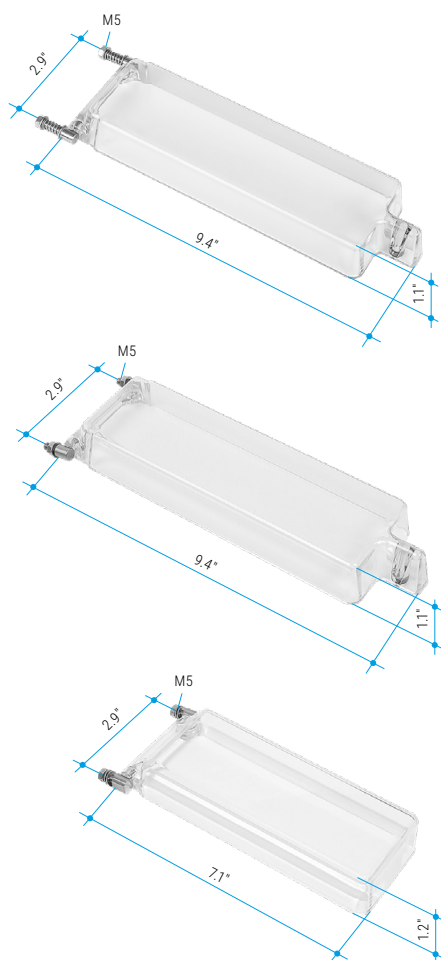
| | |
|-------------------|---------------------|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | up to 2000 rpm |
| Body | 29.5"x11.8"x10.8" |
| Water connection | 3/4" NPTF |
| Water drain | 2" |
| Throughput medium | pH 3-12 |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Delivered ready to install
- ✓ A must for every pay station
- ✓ Protects the coin slot

Mosmatic splash guards are a must to prevent water from entering into pay station coin/card slots causing unwanted damage. Choose between the standard version and the flexible version. The flexible version has spring-loaded mounting, adding extra endurance. Existing units already equipped with a Mosmatic splash guard, can be easily upgraded to the new system.



Splash guard flexible

transparent Polycarbonate with magnets, INOX mounting brackets

| Part No. | Bracket version | Weight |
|----------|-----------------|---------|
| 90.077 | round | 0.2 lbs |

Splash guard standard

transparent Polycarbonate with magnets, INOX mounting brackets

| Part No. | Bracket version | Weight |
|----------|-----------------|---------|
| 90.015 | round | 0.2 lbs |
| 90.076 | angular | 0.2 lbs |

Splash guard short

transparent Polycarbonate without magnets, INOX mounting brackets

| Part No. | Bracket version | Weight |
|----------|-----------------|---------|
| 90.071 | round | 0.2 lbs |

Our goal:

Providing solutions to solve today's cleaning and sanitation needs.

HIGH PRESSURE

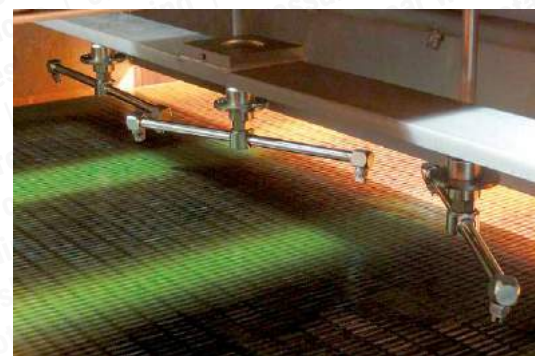
Surface Cleaning and Maintenance

Our complete range of surface cleaners, set the standard for today's commercial and industrial needs. Offering both recovery style and non, we are the perfect choice for large and small flatwork applications. Ergonomic, lightweight and durable designs make us the number one choice for your clean and sanitation needs.



Food Industry

Today's industry calls for water conservation and higher sanitation requirements, Mosmatic components help increase cleaning efficiency while decreasing time and labor as well as reducing waste water.



Municipal

Working together with manufacturers of municipal vehicles, Mosmatic has developed solutions for the high demands of professional road and sidewalk cleaning. We also have the right components to bring in an economically friendly way to clean tunnels, shafts, ducts, pipes, noise protection walls and buildings.



Industrial Cleaning

Mosmatic offers various cleaning tools for industries such as parts cleaning, shipbuilding, wood and metal processing but also for the cleaning of portable toilet cabins, silos, steam hoods and buildings. We offer products that are designed to withstand harsh environments and rugged daily use.

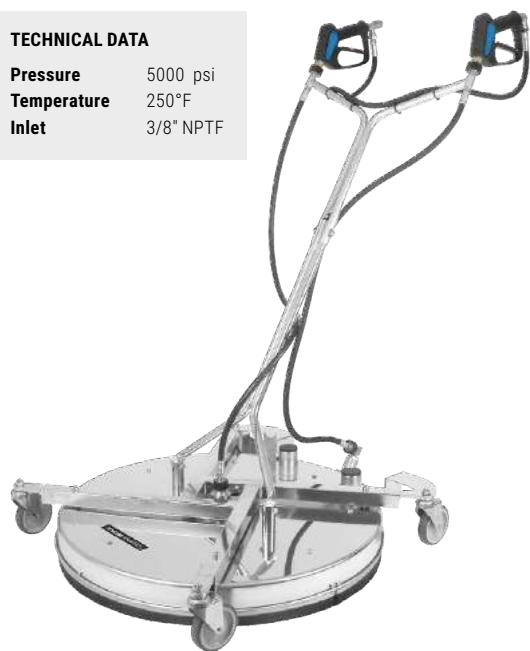


- ✓ Effective and efficient cleaning
- ✓ With fluid recovery port
- ✓ Gum remover bracket and trigger

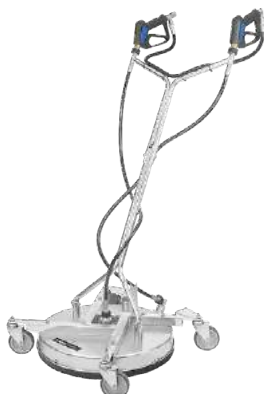


TECHNICAL DATA

| | |
|-------------|-----------|
| Pressure | 5000 psi |
| Temperature | 250°F |
| Inlet | 3/8" NPTF |



FL-AHB-KAU 750



FL-AHB-KAU 520

Mosmatic takes the edge off work with the „All-in-one“ cleaning tool. Remove chewing gum from public areas such as sidewalks, train stations, parks and school facilities. The gum will be cut and lifted ready to be recovered. No chemicals needed.



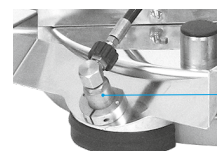
FEATURES

Chewing Gum remover

This special nozzle, uses it's own trigger gun to activate on chewing gum or persistent stains. The high pressure jets impact at a 45° angle to cut and lift the gum.

Available sizes: #3 (29.102), #4 (29.103), #5 (29.119)

Gum remover nozzle sold separately.

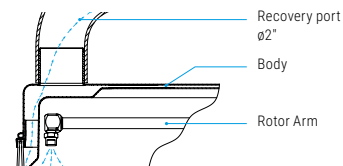


Gum Remover

Recovery System

Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Optimize your cleaning results with the height adjustable housing.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets, ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 7300 psi, and are precision welded and balanced.



2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5")

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | HP- Nozzles | HP- Gun | Stainless Steel Caster |
|------------------------|---------------|-----|----------|---------|--------------|----------------|------------|------------------------------|
| FL-AHB-KAU 520 | 80.786 | 21" | 44 lbs | 1x DYCI | 2x 1/8" NPTF | 2x 1503 | 2x | 4x ø4" |
| FL-AHK-KAU 520* | 80.787 | 21" | 44 lbs | 1x DYCI | 2x 1/8" NPTF | 2x 1503 | 2x | 4x ø4" |
| FL-AHB-KAU 750 | 80.788 | 30" | 58.5 lbs | 1x DYCI | 3x 1/8" NPTF | 3x 1503 | 2x | 4x ø4" |

* with plastic rim guard, no brush ring

Gum remover nozzle sold separately.

- ✓ Designed for professional cleaning
- ✓ With fluid recovery port
- ✓ High durability
- ✓ Height-adjustable

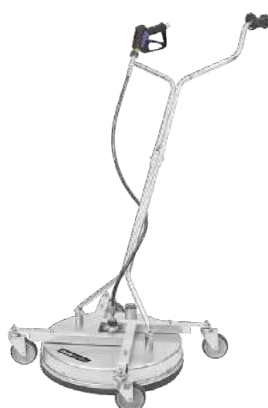


TECHNICAL DATA

| | |
|-------------|-----------|
| Pressure | 5000 psi |
| | 7300 psi |
| Temperature | 250°F |
| Inlet | 1/4" NPTM |
| | 3/8" NPTF |
| | 1/2" NPTF |



FL-AH 750



FL-AH 520

Mosmatic Professional cleaner with recovery function is ideal for cleaning large areas both indoors and outdoors. Dirty water is recovered with your vacuum system and can be disposed of or recycled. The 1/2" model is suitable to use with high-performance high-pressure equipment. The Professional series is designed for professional continuous operation and durability.

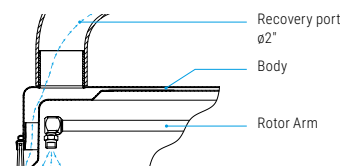


FEATURES

Recovery System

Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Height adjustable housing ensures the best cleaning results.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 7300 psi, and are precision welded and balanced.



2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5"), 1/8"

Part No. 82.941 (ø18.5"), 1/4"

Optional: Part No. 82.9069 (ø17.7"), 1/8"

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5"), 1/8"

4p4 (4 Arms / 4 Nozzles)

Part No. 82.9133 (ø18.5"/13.8"), 1/4"

Part No. 82.9108 (ø27"/23.6"), 1/4"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

DXTI Swivel

Part No. 39.910

DYDI Swivel (7300 psi)

Part No. 55.263

| Name | Part No. | ø | NW | Weight | Swivel | Rotor Arm | HP- Nozzles | HP- Gun | Stainless Steel Caster |
|---------------------|---------------|-----|------|----------|---------|--------------|----------------|------------|------------------------------|
| FL-AH 520 | 80.784 | 21" | 1/4" | 35.5 lbs | 1x DYCI | 2x 1/8" NPTF | 2x 1503 | 1x | 4x ø4" |
| FL-AH 520* | 80.797 | 21" | 1/2" | 44 lbs | 1x DXTI | 4x 1/4" NPTF | 4x 1503 | 1x | 4x ø4" |
| FL-AH 750 | 80.785 | 30" | 1/4" | 51.8 lbs | 1x DYCI | 3x 1/8" NPTF | 3x 1503 | 1x | 4x ø4" |
| FL-AH 750* | 80.798 | 30" | 1/2" | 57.3 lbs | 1x DXTI | 4x 1/4" NPTF | 4x 1503 | 1x | 4x ø4" |
| FL-AHY 750** | 80.389 | 30" | 1/4" | 50.7 lbs | 1x DYDI | 3x 1/8" NPTF | -- | -- | 4x ø4" |

* Inlet 1/2" NPTF ** Pressure: 7300 psi / Inlet 1/4" NPTM

- ✓ With fluid recovery port
- ✓ Integrate high quality swivel
- ✓ Ready to use

Mosmatic Allrounder with recovery is ideal for smaller and hard to reach areas both indoors and out. Small compact and lightweight design is ideal for jobs large or small. Using your vac system, water can be recovered, reused or discharged.



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



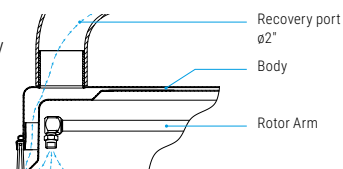
FL-AER 410

FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2w2 (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles)
 Part No. 82.621 (ø6") Part No. 82.623 (ø10") Part No. 82.625 (ø14")

Proven innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.000 (ø8") Part No. 58.250 (ø16")

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster Caster for ø8"

Part No. 80.943 Part No. 80.922



FL-AER 300



FL-AER 200



FL-AEB 200

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | Nozzles | HP-Gun | Wheels |
|-------------------|---------------|-----|----------|---------|--------------|---------|--------|---------|
| FL-AEB 200 | 78.280 | 8" | 6.2 lbs | 1x DYF | 2x 1/8" NPTF | 2x 1503 | 1x | -- |
| FL-AER 200 | 78.290 | 8" | 9.2 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 3x ø1¼" |
| FL-AER 300 | 78.292 | 12" | 12.3 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 3x ø2¼" |
| FL-AER 410 | 78.299 | 16" | 20.0 lbs | 1x DYF | 2x 1/8" NPTF | 2x 1503 | 1x | 3x ø2¼" |

- ✓ **Integrated Recovery**
- ✓ **Temperatures up to 250°F**
- ✓ **Integrate high quality toggle swivel**
- ✓ **Ready to use**



TECHNICAL DATA

| | |
|--------------------|-----------|
| Pressure | 4000 psi |
| Temperature | 250°F |
| Inlet | 3/8" NPTF |

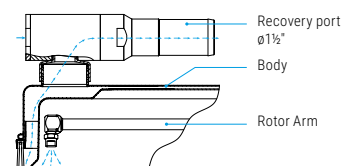


FL-SAR

FEATURES

Integrated self recovery/export

The black anodized aluminum suction device collects the dirty water via the Venturi and double housing principal. Mount your export hose on the suction device and place it into the desired port to drain the water. The use of a vacuum system is no longer needed.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2w2 (2 Arms / 2 Nozzles)

Part No. 82.623 (ø10")

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



KDYF Toggle Swivel

Part No. 58.912

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster

Part No. 80.943

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | Nozzles | HP-Gun | Casters |
|---------------|---------------|-----|--------|---------|--------------|------------------|--------|---------|
| FL-SAR | 78.293 | 12" | 13 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 / 1x #3* | 1x | 3x ø2¼" |

Accessories

| Name | Part No. | Nozzles |
|------------------------|---------------|------------------|
| Nozzles package | 78.983 | 2x 1502 / 1x #2* |

* #2 and #3 internal nozzles self recovery

- ✓ With fluid recovery port
- ✓ Ready to use
- ✓ Designed for higher pressures

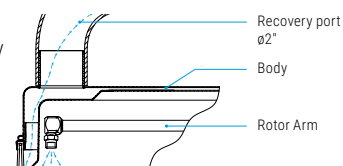


FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 7300 psi, are precision welded and balanced.



2p2 (2 Arms / 2 Nozzles)

Part No. 82.321 (ø6") Part No. 82.323 (ø10")

Brush Ring

Ideal for outdoor applications such as concrete, brick, limestone or wood surfaces.



Plastic rim guard

Indoor use, prevents dirt and debris from building up on the rim. Adheres to purity regulation in the food and clinical industries.

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYW Swivel

Part No. 55.020

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | HP-Nozzles | HP-Gun |
|-------------|----------|-----|---------|--------|--------------|------------|--------|
| FL-ABB 200 | 78.285 | 8" | 6.0 lbs | 1x DYW | 2x 1/8" NPTF | 2x 1503 | 1x |
| FL-ABK 200* | 78.286 | 8" | 6.2 lbs | 1x DYW | 2x 1/8" NPTF | 2x 1503 | 1x |
| FL-ABB 300 | 78.287 | 12" | 7.1 lbs | 1x DYW | 2x 1/8" NPTF | 2x 1503 | 1x |
| FL-ABK 300* | 78.288 | 12" | 7.3 lbs | 1x DYW | 2x 1/8" NPTF | 2x 1503 | 1x |

* with Plastic rim guard

TECHNICAL DATA

Pressure 5000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-ABB 300



FL-ABB 200

- ✓ Added wand and holder
- ✓ Solid construction
- ✓ Height-adjustable
- ✓ Quality high pressure swivel



No mess is too tuff for this machine. This surface cleaner is suitable for cleaning large areas such as: gas stations, parking lots, school yards, public places, platforms, etc. The on-board wand completes this model allowing you to quickly clean corners or rinse down surfaces.



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-PH 750



FL-PH 520

FEATURES

Two Tools In One

The wand quick connects to the existing HP-gun allowing you to prep your surface, clean corners, rinse over spray and clean other hard to reach areas.



Adjustable Height (FL-PH Series)

Stainless steel frame for added stability. Adjust to compensate for uneven surfaces.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.
 Part No. 80.956

Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

Swiss Engineering

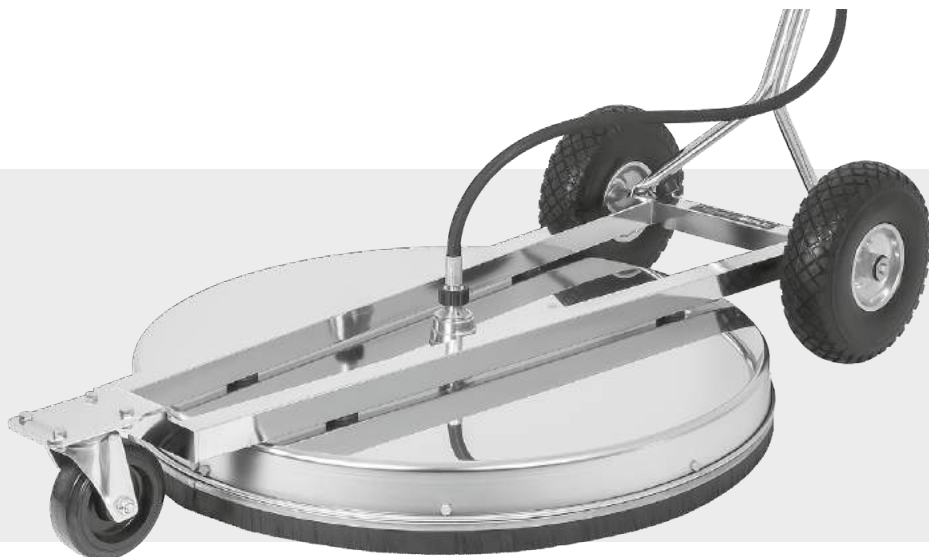
High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 55.253

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | Wand Nozzle | HP- Nozzles | HP- Gun | Stainless Steel Caster |
|-----------|----------|-----|----------|---------|--------------|-------------|-------------|---------|------------------------|
| FL-PH 520 | 80.774 | 21" | 35.7 lbs | 1x DYCI | 2x 1/8" NPTF | 1x 1506 | 2x 1503 | 1x | 4x ø4" |
| FL-PH 750 | 80.775 | 30" | 49.6 lbs | | 3x 1/8" NPTF | 1x 1508 | 3x 1503 | | |

- ✓ Added wand and holder
- ✓ Solid construction
- ✓ Quality high pressure swivel
- ✓ Ready to use
- ✓ Easy to maneuver



TECHNICAL DATA

| | |
|-------------|-----------|
| Pressure | 4000 psi |
| Temperature | 250°F |
| Inlet | 3/8" NPTF |



FL-PB 750



FL-PB 520

FEATURES

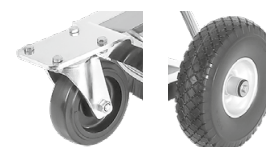
Two Tools In One

The wand quick connects to the existing HP-gun allowing you to prep your surface, clean corners, rinse over spray and clean other hard to reach areas.



Large caster

The quality stainless steel caster and the two pneumatic tires enables easy maneuvering over uneven surfaces like ramps, grates and texturized surfaces.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 55.253

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | Wand Nozzle | HP- Nozzles | HP- Gun | Caster |
|------------------|---------------|-----|----------|---------|--------------|-------------|-------------|---------|---------|
| FL-PB 520 | 80.679 | 21" | 49.6 lbs | 1x DYCI | 2x 1/8" NPTF | 1x 1506 | 2x 1503 | 1x | 1x ø5" |
| FL-PB 750 | 80.689 | 30" | 58.4 lbs | | 3x 1/8" NPTF | 1x 1508 | 3x 1503 | | 2x ø10" |

- ✓ Also model up to 7300psi available
- ✓ Maintenance free
- ✓ Quality stainless steel swivel
- ✓ Ready to use



FEATURES

Rotor Arms

Can withstand up to 7300 psi, are precision welded and balanced.

2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5"), 1/8", 7300 psi

Optional: Part No. 82.941 (ø18.5"), 1/4", 7300 psi

Optional: Part No. 82.9069 (ø17.7"), 1/8", 7300 psi

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5"), 1/8", 7300 psi

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Stainless Steel Caster

Part No. 80.912

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.

DYCI Swivel

Part No. 55.253

DYDI Swivel (7300 psi)

Part No. 55.263

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | HP- Nozzles | HP- Gun | Stainless Steel Caster |
|------------|----------|-----|----------|---------|--------------|----------------|------------|------------------------------|
| FL-CG 520 | 80.770 | 21" | 22.7 lbs | 1x DYCI | 2x 1/8" NPTF | 2x 1503 | 1x | -- |
| FL-CR 520 | 80.771 | 21" | 26.4 lbs | 1x DYCI | 2x 1/8" NPTF | 2x 1503 | 1x | 4x ø2¼" |
| FL-RY 520* | 80.159 | 21" | 25.4 lbs | 1x DYDI | 2x 1/8" NPTF | -- | -- | 4x ø2¼" |
| FL-RY 750* | 80.359 | 30" | 29.8 lbs | 1x DYDI | 3x 1/8" NPTF | -- | -- | 4x ø2¼" |
| FL-CR 750 | 80.772 | 30" | 34.1 lbs | 1x DYCI | 3x 1/8" NPTF | 3x 1503 | 1x | 4x ø2¼" |

* Pressure: 7300 psi / Inlet 1/4" NPTM

TECHNICAL DATA

| | |
|-------------|------------------------|
| Pressure | 4000 / 7300 psi |
| Temperature | 250°F |
| Inlet | 3/8" NPTF 1/4" NPTM |



FL-CR 750



FL-CR 520

FL-CG 520

- ✓ Available in various designs
- ✓ Multi-functional, suitable for any surfaces
- ✓ Ready to install

This light weight, multi-functional surface cleaner is suitable for cleaning any flat surface. You can clean walls and stairs as well as sidewalks and decks. The Universal Line is available in several sizes and styles to fit your needs.



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF

FEATURES

Rotor Arms

Can withstand up to 4000 psi, and are precision welded and balanced.

2w2 (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles)
 Part No. 82.621 (ø6") Part No. 82.623 (ø10") Part No. 82.625 (ø16")



Proven Innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.000

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy maneuvering and longevity.



Stainless Steel Caster

Part No. 80.943



FL-ER 410

FL-EG 410



FL-ER 300

FL-EG 300

FL-EG 200

FL-EB 200

| Name | Part No. | ø | Weight | Swivel | Rotor Arm | HP- Nozzles | HP- Gun | Wand | Stainless Steel Caster |
|-----------|----------|-----|----------|---------|--------------|----------------|------------|------|------------------------------|
| FL-EB 200 | 78.250 | 8" | 4.2 lbs | 1x DYF | 2x 1/8" NPTF | 2x 1503 | 1x | --- | --- |
| FL-EG 200 | 78.260 | 8" | 5.3 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 1x | --- |
| FL-EG 300 | 78.262 | 12" | 7.1 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 1x | --- |
| FL-ER 300 | 78.272 | 12" | 9.5 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 1x | 3x ø2¼" |
| FL-EG 410 | 78.264 | 16" | 10.4 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 1x | --- |
| FL-ER 410 | 78.274 | 16" | 13.0 lbs | 1x KDYF | 2x 1/8" NPTF | 2x 1503 | 1x | 1x | 3x ø2¼" |

- ✓ Steam cleaned surfaces are flash dry
- ✓ Huge time saving
- ✓ Mosmatic quality swivel and rotor arm
- ✓ Adjustable drive and impact angle



FEATURES

High quality swivel

The heart of a Mosmatic Steaminator is the swivel which is reinforced with self lubricating, stainless steel ball bearings and a high temperature seal system. The DXF is specially designed for high revolutions to ensure long lasting durability. Both STM models come with our patented swivel. This swivel is perfect for cleaning many surfaces including walls while remaining flush to the surface.



KDXF Toggle Swivel for ø12"

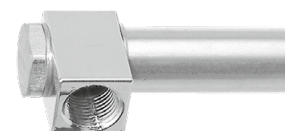
Part No. 38.905

DXF Swivel for ø8"

Part No. 38.904

Rotor arm

The adjustable rotor arm allows the user to change the spray angle and the impact on the surface being cleaned.



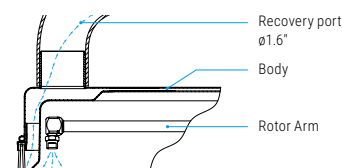
2s2 (2 Arms / 2 Nozzles)

Part No. 88.935 (ø6")

Part No. 88.936 (ø10")

Recovery System

The double walled housing and reclaim port allow you to attach your vacuum system to the unit. This decreases drying time and allows the user to recover and recycle the used liquid and residue, making it an eco-friendly alternative to cleaning with just one wand.



Polyamide Casters

The casters allow free movement in any direction while keeping the nozzles an even distance from the cleaning surface. Fatigue is therefore reduced while saving you time and energy.

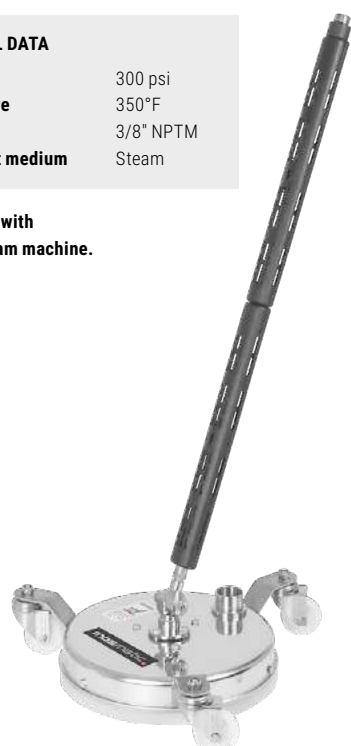


Polyamide Caster

Part No. 80.986 (for ø8" and ø12")

Splash protection

The plastic rim guard prevents over spray and flying debris. It is extremely effective thanks to the wavy design.



STM 300



STM 200

Steam nozzle



| Part No. | IN | Angle | ø |
|----------|-----------|-------|-----|
| 18.50290 | 1/8" NPTM | 50° | 2.9 |

| Name | Part No. | ø | Swivel | Rotor arm | Nozzles | PA Casters | Weight |
|---------|----------|-----|---------|--------------|-------------|------------|---------|
| STM 200 | 78.094 | 8" | 1x DXF | 2x 1/8" NPTF | 2x 18.50290 | 3x ø2" | 5.7 lbs |
| STM 300 | 78.194 | 12" | 1x KDXF | 2x 1/8" NPTF | 2x 18.50290 | 3x ø2" | 8.8 lbs |

Steam gun not included.

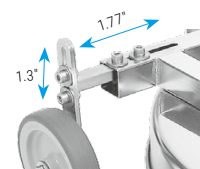
- ✓ Height and width adjustable
- ✓ Quad bearing swivel
- ✓ For professional roof cleaners



FEATURES

Height and width adjustable

The DR-520. Width is adjustable up to 3.54" and 1.3" in height. Will work for most roof designs adding safety and stability.



Safety Eye

Allows you to easily secure the roof cleaner with a safety rope or cable.



Pressure Gauge

Use the pressure gauge to monitor your cleaning pressure. This allows you to ensure proper pressure when cleaning a variety of roofing materials.



Ball Valve

Makes it easy and convenient to turn off the flow to the unit.



Rotor Arms

Can withstand up to 4000 psi or 7300 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles / 4000 psi) **2cw2** (2 Arms / 2 Nozzles / 7300 psi)
 Part No. 82.942 1/8" (ø18.5") Part No. 82.941 1/4" (ø18.5")
 Part No. 82.975 1/4" (ø18.5")

Swiss Engineering

High rpm stainless steel swivel features 4x reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



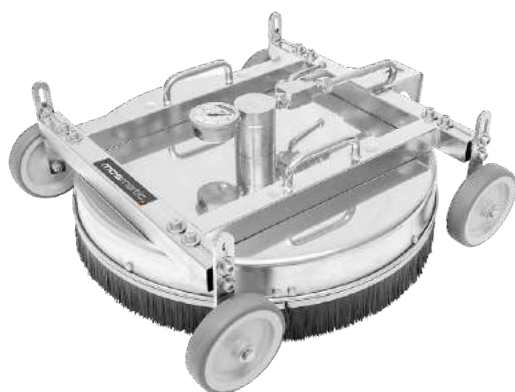
DYU Swivel (7300 psi) **DYT Swivel (4000 psi)**
 Part No. 59.916 Part No. 59.907

| Name | Part No. | ø | Width | Height | Weight | Rotor Arm | HP-Nozzles |
|---------|----------|-----|-------------|---------|----------|--------------|------------|
| DR-520 | 80.658 | 21" | 21.6"-25.2" | 7.7"-9" | 31.9 lbs | 2x 1/8" NPTF | --- |
| DR-520* | 80.662 | 21" | 21.6"-25.2" | 7.7"-9" | 31.9 lbs | 2x 1/8" NPTF | --- |

* Pressure: 7300 psi / Inlet G1/4" F

TECHNICAL DATA

Pressure 4000 / 7300 psi
Temperature 250°F
Inlet 3/8" NPTF
 G1/4" F



DR-520

Height adjusters long

Add an additional 2.4" height if needed, e.g. for corrugated roofs.

Part No. 904.351 (1 pcs)
 Requires 4 pieces



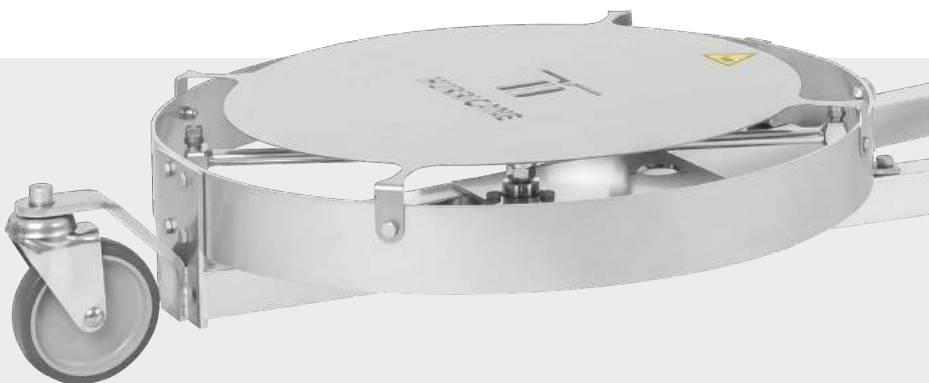
Pedal switch

For additional safety, Mosmatic recommends you turn your flow on and off using the optional pedal switch.

Part No. 80.987

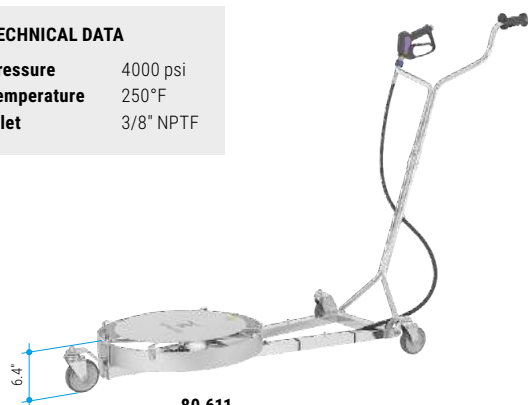


- ✓ Ergonomical and versatile
- ✓ Easy to maneuver
- ✓ Ready to use
- ✓ Complete stainless steel

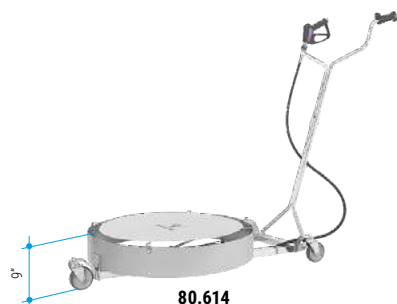


TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



80.611
HUR-520



80.614
HUR-750

FEATURES

Stabilizer Nozzles

With the stabilizer nozzle, you can increase the distance and pressure impact to your surface. Standard on 80.613 and 80.614.



HP-Nozzles

Standard HP, 15° nozzles are used to achieve the cleaning on the object. These nozzles are used on the models 80.611 and 80.612.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



Part No. 82.891 ø18.5" Part No. 82.9014 ø27.5"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 58.553

Hurricane

| Name | Part No. | ø | min. Clearance | Weight | HP-Nozzles | HP-Gun | Caster/Wheels |
|----------------|---------------|-----|----------------|--------|------------|--------|-----------------|
| HUR-520 | 80.611 | 21" | 6.5" | 33 lbs | 2x 1503 | 1x | 1x ø2¼", 2x ø4" |
| HUR-750 | 80.612 | 30" | 6.5" | 42 lbs | 3x 1503 | 1x | 1x ø2¼", 2x ø4" |
| HUR-520 | 80.613 | 21" | 9.1" | 37 lbs | 2x 0003 EG | 1x | 1x ø2¼", 2x ø4" |
| HUR-750 | 80.614 | 30" | 9.1" | 45 lbs | 3x 0003 EG | 1x | 1x ø2¼", 2x ø4" |

Other nozzles sizes please order separately.



Accessories

| Name | Part No. | Nozzles | HP-Gun | Upper Fork | LP-Hose | Weight |
|-----------------------------|----------------|---------|--------|------------|---------|---------|
| Low pressure package | 80.9011 | --- * | 1x | 1x | 1x | 8.4 lbs |

* Nozzles not included, please order separately.

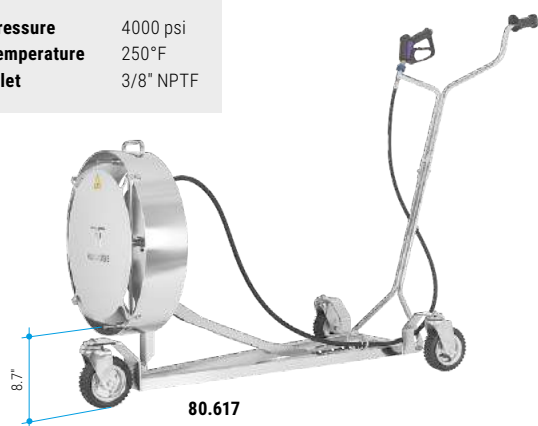
Important: Do not use unprotected!

- ✓ 6 different cleaning angles
- ✓ Ergonomical and versatile
- ✓ Easy to maneuver
- ✓ Ready to use
- ✓ Complete stainless steel



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



80.617
HURp-520

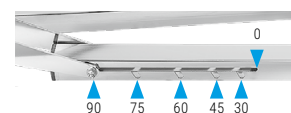


80.618
HURpz-520

FEATURES

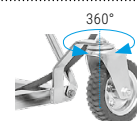
Cleaning angles

The Hurricane Pro cleaner offers the ability to pivot the spray deck which allows for multiple cleaning angles. Deck adjustment from 0° to maximum 90°.



Large casters

Three large casters make your cleaning job easier with full range of motion, allowing you to maneuver even on rough surfaces.



Stabilizer Nozzles

With the stabilizer nozzle, you can increase the distance and pressure impact to your surface. Standard on 80.617 and 80.618.



HP-Nozzles

Standard HP, 15° nozzles are used to achieve the cleaning on the object. These nozzles are used on the model 80.618.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



Part No. 82.891 ø18.5" Part No. 82.9014 ø27.5"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 58.553

Low pressure option

High lift high pressure cleaning with the ability for low pressure chemical draw for salt neutralizers, degreasers or other chemical application.



Hurricane Pro

| Name | Part No. | ø | min. Clearance | Weight | HP-Nozzles | LP-Nozzles | HP-Gun | Casters |
|------------------|---------------|-----|----------------|--------|------------|------------|--------|---------|
| HURp-520 | 80.617 | 21" | 8.9" | 68 lbs | 2x 0003 EG | -- | 1x | 3x ø6" |
| HURpz-520 | 80.618 | 21" | 8.9" | 75 lbs | 2x 0003 EG | 4x 1508 | 2x | 3x ø6" |

Other nozzles sizes please order separately.

Accessories

| Name | Part No. | Nozzles | HP-Gun | Upper Fork | LP-Hose | Weight |
|-----------------------------|----------------|---------|--------|------------|---------|---------|
| Low pressure package | 80.9011 | --- * | 1x | 1x | 1x | 8.4 lbs |

* Nozzles not included, please order separately.

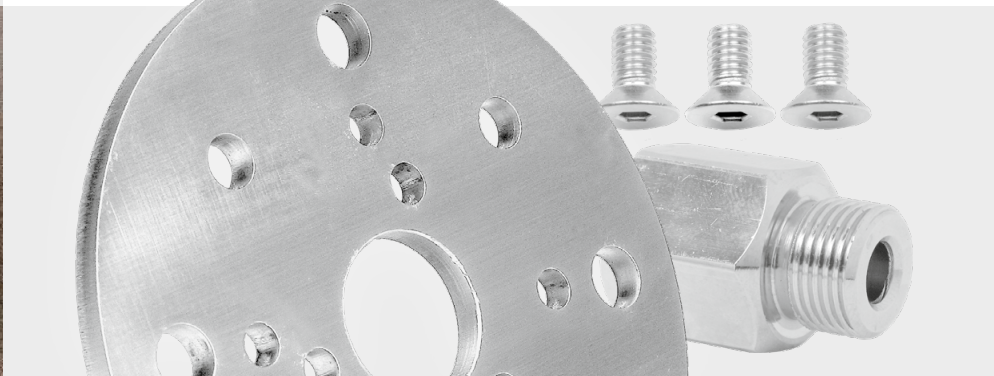
Important: Do not use unprotected!

SURFACE CLEANER CONVERSION KIT

- ✓ Cost effective upgrade
- ✓ Easy to assemble

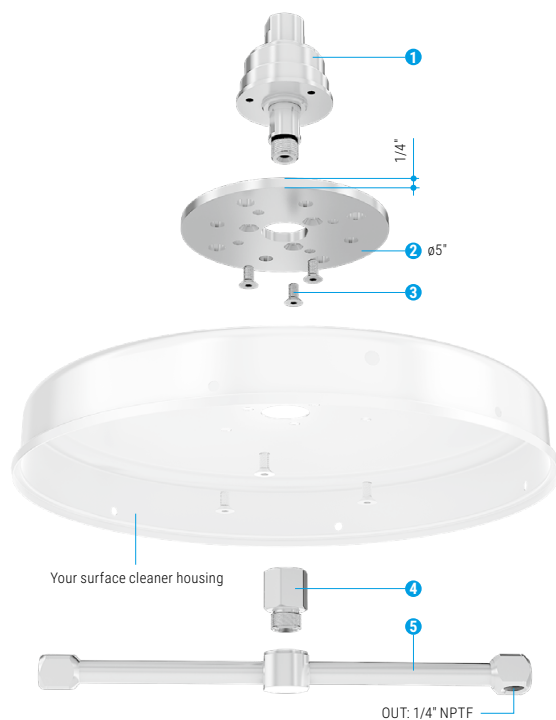


For those of you who do not currently own a Mosmatic and wish to upgrade your equipment. The conversion kit will allow you to replace the important "working parts" of your surface cleaner with Mosmatic high quality components.



TECHNICAL DATA

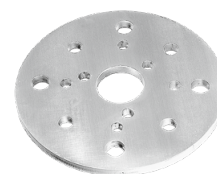
Pressure 5000 psi
Temperature 250°F
Inlet 3/8" NPTF



FEATURES

Adapter plate

The universal mounting plate allows you to mount the Mosmatic swivel on your existing housing. The plate has pre-drilled holes and adapts to most other brands of surface cleaners.



Extension fitting

The adapter is used to reduce the distance of the nozzle to the cleaning surface. Depending on the existing housing height, it may be necessary to use this optional adapter. The adapter will reduce the distance by 0.87".



Mounting bolts

Includes 3 bolts for fastening the adapter plate to swivel.



Conversion Kit

| Name | Part No. | Includes |
|------|----------|---|
| FL-Z | 55.903 | 2 Adapter plate, 3 Mounting bolts, 4 Distance-adaptor |

FEATURES

Swivel

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Rotor Arms

Can withstand up to 5000 psi, are precision welded and balanced.



ALL-IN-ONE PACKAGES

Includes the above Conversion Kit 55.903, a swivel and rotor arm of your choice.

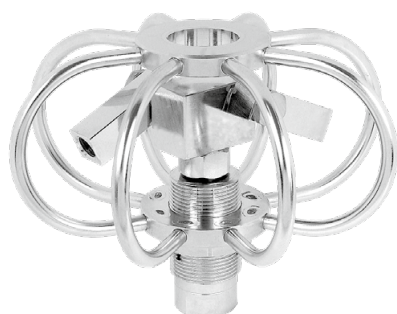
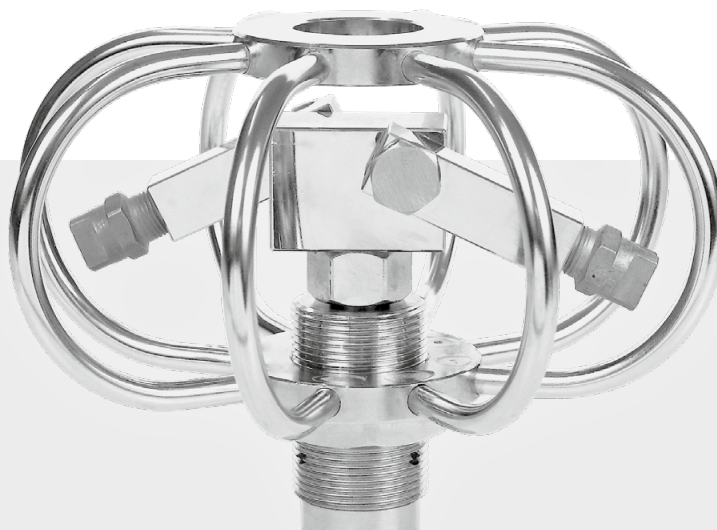
| Name | Part No. | Includes |
|------|----------|--|
| FL-Z | 55.913 | 1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adaptor, 5 Rotor Arm TKA 2w2 1/4" ø12" |
| FL-Z | 55.914 | 1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adaptor, 5 Rotor Arm TKA 2w2 1/4" ø16" |
| FL-Z | 55.915 | 1 DYC Swivel, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adaptor, 5 Rotor Arm TKA 3w3 1/4" ø18" |

Nozzles not included.

- ✓ Easy installation
- ✓ Self rotating and stainless steel
- ✓ Adjustable and non adjustable versions
- ✓ Protection plate available
- ✓ Maintenance free



Clean vent hoods, trash chutes, pipes, totes, manholes and most containers. This self rotating unit is completely maintenance free. The rotating head spins within the protective cage directing the high pressure spray to your surface. The installation is simple and fast.



(81.526)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *adjustable*

The adjustable arms allow different spray angles. Perfect for horizontal ducts and tanks.

| warm water | | cold water | | | | | |
|------------|----------|------------|----------|-----|-----------|--------|---------|
| TYR-2s | TYR-3s | TRR-2s | TRR-3s | | | | |
| Part No. | Part No. | Part No. | Part No. | Ø | IN | Height | Weight |
| 81.505 | 81.705 | 85.505 | 85.705 | 3" | 1/4" NPTF | 2.4" | 1.1 lbs |
| 81.506 | 81.706 | 85.506 | 85.706 | 3" | 3/8" NPTF | 2.4" | 1.1 lbs |
| 81.525 | 81.725 | 85.525 | 85.725 | 6" | 1/4" NPTF | 2.8" | 2.2 lbs |
| 81.526 | 81.726 | 85.526 | 85.726 | 6" | 3/8" NPTF | 2.8" | 2.2 lbs |
| 81.555 | 81.755 | 85.555 | 85.755 | 12" | 1/4" NPTF | 2.8" | 2.8 lbs |
| 81.556 | 81.756 | 85.556 | 85.756 | 12" | 3/8" NPTF | 2.8" | 2.8 lbs |
| 81.565 | 81.765 | 85.565 | 85.765 | 16" | 1/4" NPTF | 2.8" | 3.3 lbs |
| 81.566 | 81.766 | 85.566 | 85.766 | 16" | 3/8" NPTF | 2.8" | 3.3 lbs |
| 81.575 | 81.775 | 85.575 | 85.775 | 20" | 1/4" NPTF | 2.8" | 3.5 lbs |
| 81.576 | 81.776 | 85.576 | 85.776 | 20" | 3/8" NPTF | 2.8" | 3.5 lbs |
| 81.585 | 81.785 | 85.585 | 85.785 | 24" | 1/4" NPTF | 2.8" | 3.9 lbs |
| 81.586 | 81.786 | 85.586 | 85.786 | 24" | 3/8" NPTF | 2.8" | 3.9 lbs |



(81.426)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *fixed*

The non adjustable arms with fixed spray angle is perfect for vertical chutes.

| warm water | | cold water | | | | | |
|------------|----------|------------|----------|-----|-----------|--------|---------|
| TYR-2f | TYR-3f | TRR-2f | TRR-3f | | | | |
| Part No. | Part No. | Part No. | Part No. | Ø | IN | Height | Weight |
| 81.405 | 81.605 | 85.405 | 85.605 | 3" | 1/4" NPTF | 2.4" | 1.1 lbs |
| 81.406 | 81.606 | 85.406 | 85.606 | 3" | 3/8" NPTF | 2.4" | 1.1 lbs |
| 81.425 | 81.625 | 85.425 | 85.625 | 6" | 1/4" NPTF | 2.8" | 2.2 lbs |
| 81.426 | 81.626 | 85.426 | 85.626 | 6" | 3/8" NPTF | 2.8" | 2.2 lbs |
| 81.455 | 81.655 | 85.455 | 85.655 | 12" | 1/4" NPTF | 2.8" | 2.8 lbs |
| 81.456 | 81.656 | 85.456 | 85.656 | 12" | 3/8" NPTF | 2.8" | 2.8 lbs |
| 81.465 | 81.665 | 85.465 | 85.665 | 16" | 1/4" NPTF | 2.8" | 3.3 lbs |
| 81.466 | 81.666 | 85.466 | 85.666 | 16" | 3/8" NPTF | 2.8" | 3.3 lbs |
| 81.475 | 81.675 | 85.475 | 85.675 | 20" | 1/4" NPTF | 2.8" | 3.5 lbs |
| 81.476 | 81.676 | 85.476 | 85.676 | 20" | 3/8" NPTF | 2.8" | 3.5 lbs |
| 81.485 | 81.685 | 85.485 | 85.685 | 24" | 1/4" NPTF | 2.8" | 3.9 lbs |
| 81.486 | 81.686 | 85.486 | 85.686 | 24" | 3/8" NPTF | 2.8" | 3.9 lbs |

TECHNICAL DATA

| | |
|-------------|-----------------------------|
| Pressure | 4000 psi |
| Temperature | TYR 250°F / TRR 90°F |
| Inlet | see chart |
| Body | stainless steel |
| RPM | TYR 2000 rpm / TRR 1000 rpm |

| | |
|------------|----------------------------|
| Nozzles | 2f/2s for 2x 1/8" Nozzles* |
| | 3f/3s for 3x 1/8" Nozzles* |
| Throughput | ph 3 - 12 |

TRL WAND

- ✓ Complete solution
- ✓ Delivered ready to install
- ✓ Ergonomic design



TECHNICAL DATA

| | |
|-------------|-----------|
| Pressure | 4000 psi |
| Temperature | 250°F |
| Inlet | 3/8" NPTF |
| Throughput | ph 3 - 12 |

Important: Do not use unprotected!

This complete cleaning wand with rotating spinner head was designed to clean tanks, trash cans, plastic containers and portable toilets. There are three nozzles included with the spinner head. Two are adjustable nozzles and are located on the side and one on the end of the unit. Side cleaning nozzles also prevent forward blowback.



TRL Wand

with swivel

| Part No. | IN | Swivel | Length | ø | HP-Nozzle | Weight |
|----------|-----------|--------|--------|----|-----------|---------|
| 81.925 | 3/8" NPTF | yes | 62" | 6" | 3x 0502 | 5.5 lbs |

HP SPECIAL WAND

- ✓ HP-Gun with low trigger force and swivel
- ✓ Variable handle
- ✓ With different nozzles available



TECHNICAL DATA

| | |
|---------------|-----------|
| Pressure | 4000 psi |
| Temperature | 250°F |
| Nominal width | 1/4" |
| Throughput | ph 3 - 12 |

Important: Do not use unprotected!

The Mosmatic standard wands made of high quality stainless steel are now available with special nozzles. It can be chosen between Wand with Turbo Nozzle, with Chewing gum remover nozzle or with the Standard Mosmatic Nozzle. The solid construction and the unique workmanship ensure longevity and value.



HP Rotor-Wand

| Part No. | Total length | WS | Swivel | Nozzle | Weight |
|----------|--------------|-----|--------|--------|---------|
| 24.919 | 52" | --- | yes | 14.915 | 4.6 lbs |

Inlet 3/8" NPTF, WS=Weep System



HP Gum-Wand

| Part No. | Total length | WS | Swivel | Nozzle | Weight |
|----------|--------------|-----|--------|--------|---------|
| 24.929 | 52" | --- | yes | 29.119 | 4.4 lbs |

Inlet 3/8" NPTF, WS=Weep System



HP Standard-Wand

| Part No. | Total length | WS | Swivel | Nozzle | Weight |
|----------|--------------|-----|--------|--------|---------|
| 24.939 | 49" | --- | yes | --- | 3.3 lbs |

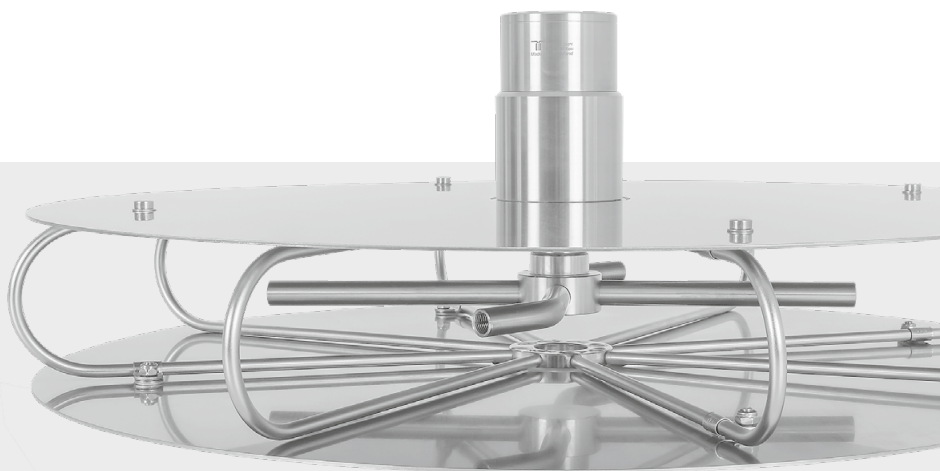
Inlet 3/8" NPTF, WS=Weep System

MANHOLE CLEANER

- ✓ With protection plate
- ✓ Optimal cleaning of vertical main
- ✓ Easy to use

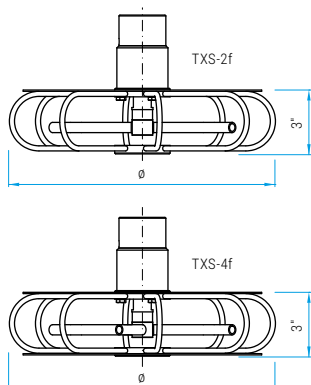


Mosmatic Manhole cleaner is ideal for the restoration, cleaning and service of manholes, liftstations and other long verticle drops. Easy to use self rotating equipment made for higher flow rates. Stainless Steel protection plate included. Choose from a variety of sizes.



TECHNICAL DATA

| | |
|--------------------|--|
| Pressure | 2500 psi |
| Temperature | 250°F |
| Inlet | 1/2" NPTF (TXS-2f) 1" NPTF (TXS-4f) |
| Body | stainless steel |
| Nozzles* | für 2x 1/8" (TXS-2f) für 4x 1/8" (TXS-4f) |
| Throughput | ph 3 - 12 |



TXS-2f with protective plate

| Part No. | Ø | Weight |
|---------------|-----|----------|
| 81.037 | 12" | 8.1 lbs |
| 81.047 | 16" | 9.7 lbs |
| 81.057 | 20" | 11.7 lbs |
| 81.067 | 24" | 14.1 lbs |
| 81.087 | 32" | 14.3 lbs |

* Nozzles not included.

TXS-4f with double protective plate

| Part No. | Ø | Weight |
|---------------|-----|----------|
| 81.923 | 20" | 15.4 lbs |
| 81.928 | 16" | 11.9 lbs |

Important: Do not use unprotected!

SILO CLEANER

- ✓ Adjusts to your application
- ✓ Equipped with stabilizer nozzles
- ✓ Completely maintenance-free



Mosmatic has a solution for cleaning Silo's and other large diameter verticle drops. The extendable arms with rollers help guide and maintain a close surface cleaning impact. Simply attach a suspension cable to the eyelets and use your winch to raise and lower the Silo Cleaner. Stabilizer nozzles increase the cleaning distance and impact and maintain a more concentrated spray pattern. Stainless steel construction and maintenance free design help to ensure long life and reliability.



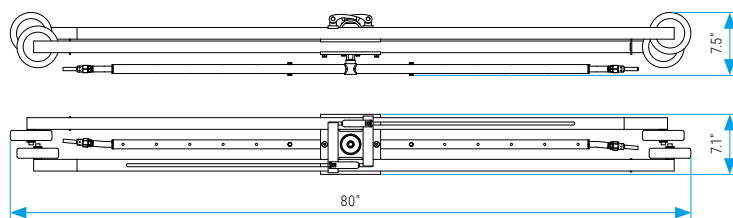
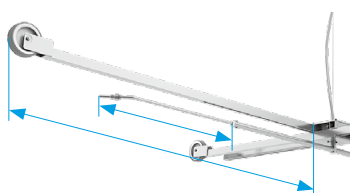
Silo-R

| Part No. | Length/Width | Height | Rotor Arm | Nozzles | Wheels | Weight |
|---------------|--------------|--------|-----------|------------|--------|--------|
| 81.095 | 6'6"-11'6" | 8" | 82.9036 | 2x 0005 EG | 4x Ø4" | 55 lbs |

FEATURES

Variable Lengths & Foldable

The length of the rotating arm is easily adjusted from 80" to 140". Folding the Silo Cleaner allows for a tight fit into the Silo loading port.



TECHNICAL DATA

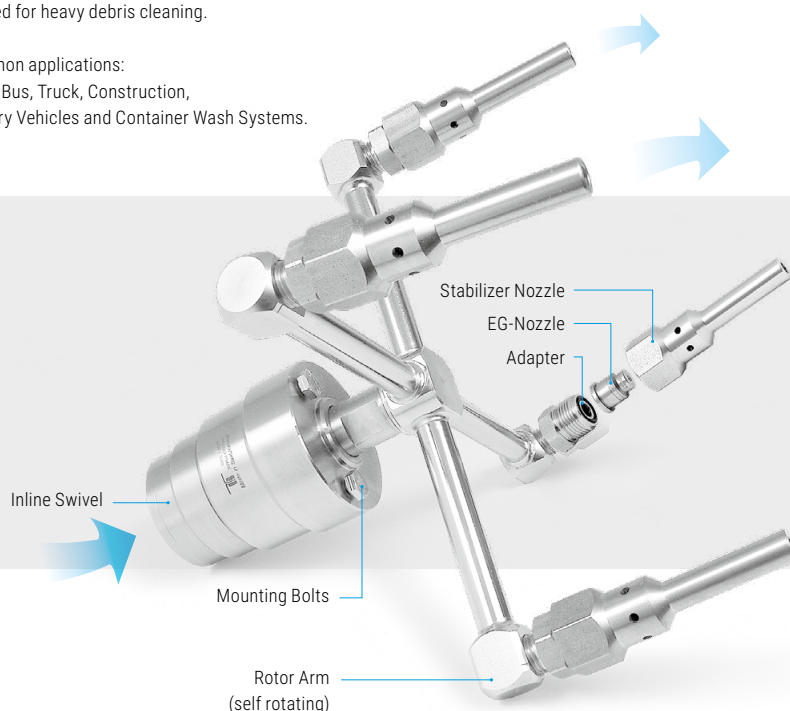
| | |
|--------------------|-----------|
| Pressure | 4000 psi |
| Temperature | 250°F |
| Inlet | 1/2" NPTF |

- ✓ Complete hydro-driven head for vehicle washes
- ✓ Long range impact stabilizer nozzles
- ✓ Stainless steel construction
- ✓ High and low volume versions available



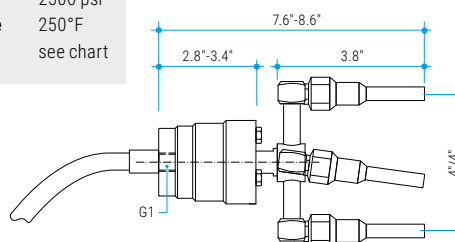
This rotary-head equipped with four stabilizer nozzles makes it possible to clean all kinds of surfaces from a further distance without pressure loss. Air injection nozzles expand and contain the water flow allowing longer distance of travel and provide that "punch impact" needed for heavy debris cleaning.

Common applications:
Train, Bus, Truck, Construction,
Military Vehicles and Container Wash Systems.



TECHNICAL DATA

Pressure 2500 psi
Temperature 250°F
Inlet see chart



Complete Cleaning Head Spider

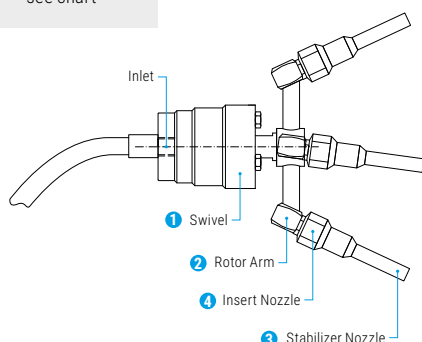
| Part No. | G1 (F) | NW | Swivel | 25° Rotor Arm | Stabilizer Nozzles | Insert Nozzle | Bolts |
|---------------|-----------|----|----------------|---------------|--------------------|---------------|---------|
| 81.933 | 3/8" NPTF | 9 | DXTIs (39.663) | 4w4 (82.954) | 4x 14.901 | --- * | 3 Units |
| 81.934 | 1/2" NPTF | 12 | DXTIs (39.865) | 4w4 (82.9084) | 4x 14.901 | --- * | 3 Units |
| 81.935 | 3/4" NPTF | 12 | DXTIs (39.907) | 4w4 (82.9084) | 4x 14.901 | --- * | 3 Units |
| 81.936 | 1" NPTF | 12 | DXTIs (39.905) | 4w4 (82.9084) | 4x 14.901 | --- * | 3 Units |

* Requires 4x EG-nozzles, according to your pump specifications

TECHNICAL DATA

Pressure DYT 4000 psi
DXTI 2500 psi
Temperature 250°F
Inlet see chart

Design your personal Spider.
Choose the swivel, rotor arm and
the nozzles to suit your needs.
Follow the numbers **1-4**.



Individual 3/8" Cleaning Head Spider

| 1 Swivel (Inlet) | 2 Rotor Arm (Diameter) | 3 Stabilizer Nozzle | 4 Insert Nozzle |
|------------------------|---|---------------------|--|
| 59.663 DYT (3/8" NPTF) | 82.9110 TKA 2w2 1/4" 11°/25° (4") 82.9111 TKA 2w2 1/4" 11°/25° (6") 82.9112 TKA 2w2 1/4" 11°/25° (8") 82.9113 TKA 4w4 1/4" 11°/25° (4"/4") 82.9114 TKA 4w4 1/4" 11°/25° (6"/6") 82.9115 TKA 4w4 1/4" 11°/25° (8"/8") | 14.901 | 0002 EG 0003 EG 0004 EG 0005 EG 0006 EG 0007 EG 0008 EG 0009 EG |

Individual 1/2" Cleaning Head Spider

| 1 Swivel (Inlet) | 2 Rotor Arm (Diameter) | 3 Stabilizer Nozzle | 4 Insert Nozzle |
|---|---|---------------------|--|
| 39.865 DXTI (1/2" NPTF) 39.907 DXTI (3/4" NPTF) 39.905 DXTI (1" NPTF) | 82.9120 TKA 2w2 1/4" 11°/25° (4") 82.9121 TKA 2w2 1/4" 11°/25° (6") 82.9122 TKA 2w2 1/4" 11°/25° (8") 82.9123 TKA 4w4 1/4" 11°/25° (4"/4") 82.9124 TKA 4w4 1/4" 11°/25° (6"/6") 82.9125 TKA 4w4 1/4" 11°/25° (8"/8") | 14.901 | 0010 EG 0011 EG 0012 EG 0014 EG 0018 EG 0020 EG |

FEATURES

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance.

Rotor Arms

Precision welded and balanced rotor arms offer smooth vibration free rotation, giving longer life to your rotary union.

Stabilizer Nozzles

The Mosmatic stabilizer nozzles included with your Spider ensure the effectiveness of your cleaning by increasing the distance and impact of your spray.



Stabilizer Nozzle

(without insert nozzle)

| Part No. | IN |
|---------------|-----------|
| 14.901 | 1/4" NPTM |
| 14.902 | 1/8" NPTM |

- ✓ Available with weep option
- ✓ Ergonomically molded
- ✓ Low Trigger Force Technology

Mosmatic offers a wide variety of high pressure guns. From our Low Trigger Force guns that offer 90% reduced holding and 40% less trigger force to models with built in live swivels. Standard and Weep model designs are also available.



Mosmatic HP Gun «Aero»

Pressure: 4000 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

| Part No. | Weep | Weight |
|----------|------|---------|
| 29.034 | yes | 1.1 lbs |
| 29.045 | no | 1.1 lbs |



Mosmatic HP Gun «Nano»

Pressure: 4000 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

| Part No. | Weep | Weight |
|----------|------|---------|
| 29.063 | --- | 1.8 lbs |
| 29.082 | yes | 1.8 lbs |

IN G3/8" F, OUT G1/4" F

| Part No. | Weep | Groove | Free flow | Weight |
|----------|------|--------|-----------|---------|
| 29.967 | --- | --- | yes | 1.8 lbs |



HP Gun «Starlet»

Pressure: 3600 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

| Part No. | Weep | Weight |
|----------|------|---------|
| 29.033 | yes | 1.8 lbs |



Mosmatic HP Gun «Neo»

Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

| Part No. | Weep | LTF | Swivel | Pressure | Color | Weight |
|----------|------|-----|--------|----------|--------|---------|
| 29.081 | --- | yes | --- | 5000 psi | purple | 1.3 lbs |
| 29.132 | --- | yes | yes | 5000 psi | blue | 1.3 lbs |
| 29.134 | yes | yes | yes | 5000 psi | purple | 1.3 lbs |

LTF = Low Trigger Force



Mosmatic HP Gun «Neo»

Temperature: 300°F
IN 1/2" NPTF, OUT 1/2" NPTF

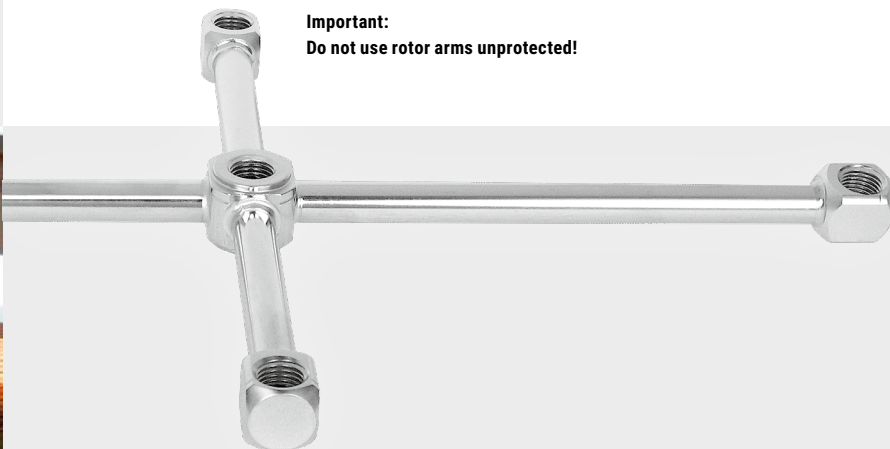
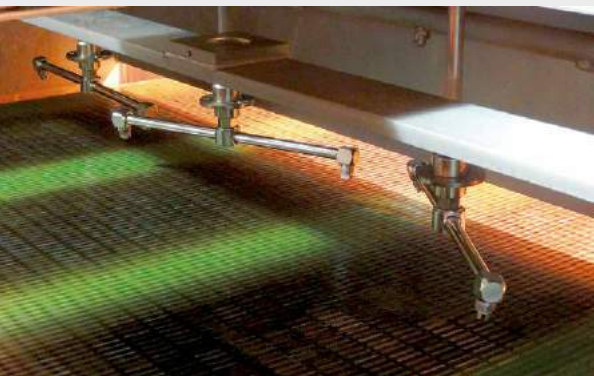
| Part No. | Weep | LTF | Swivel | Pressure | Color | Weight |
|----------|------|-----|--------|----------|-------|---------|
| 29.136 | --- | yes | --- | 8700 psi | blue | 1.5 lbs |

LTF = Low Trigger Force

ROTOR ARMS

- ✓ Polished stainless steel
- ✓ Solid yet light construction
- ✓ Precision welded and balanced

High pressure rotor arms are constructed of stainless steel and come in a variety of configurations. Welded and balanced to eliminate dangerous vibrations and ensure smooth performance.



Important:
Do not use rotor arms unprotected!



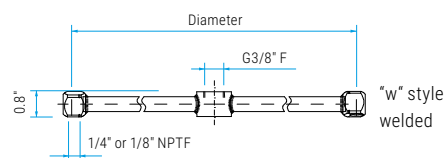
TKA-2w2 (for two nozzles)

| Part No. 1/4" Nozzles | Part No. 1/8" Nozzles | Diameter |
|--------------------------|--------------------------|----------|
| 82.705 | 82.805 | 4" |
| 82.706 | 82.806 | 6" |
| 82.707 | 82.807 | 8" |
| 82.708 | 82.808 | 10" |
| 82.709 | 82.809 | 12" |
| 82.710 | 82.810 | 14" |
| 82.711 | 82.811 | 16" |
| 82.712 | 82.812 | 18" |
| 82.713 | 82.813 | 20" |
| 82.714 | 82.814 | 22" |
| 82.715 | 82.815 | 24" |

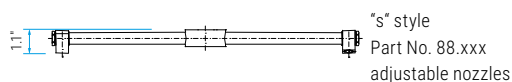
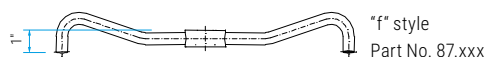
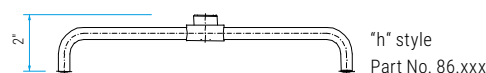


TKA-3w3 (for three nozzles)

| Part No. 1/4" Nozzles | Part No. 1/8" Nozzles | Diameter |
|--------------------------|--------------------------|----------|
| 82.765 | 82.865 | 4" |
| 82.766 | 82.866 | 6" |
| 82.767 | 82.867 | 8" |
| 82.768 | 82.868 | 10" |
| 82.769 | 82.869 | 12" |
| 82.770 | 82.870 | 14" |
| 82.771 | 82.871 | 16" |
| 82.772 | 82.872 | 18" |
| 82.773 | 82.873 | 20" |
| 82.774 | 82.874 | 22" |
| 82.775 | 82.875 | 24" |



Other styles



TKA-2w3 (for three nozzles)

| Part No. 1/4" Nozzles | Part No. 1/8" Nozzles | Diameter |
|--------------------------|--------------------------|----------|
| 82.720 | 82.820 | 4" |
| 82.721 | 82.821 | 6" |
| 82.722 | 82.822 | 8" |
| 82.723 | 82.823 | 10" |
| 82.724 | 82.824 | 12" |
| 82.725 | 82.825 | 14" |
| 82.726 | 82.826 | 16" |
| 82.727 | 82.827 | 18" |
| 82.792 | 82.892 | 18.5" |
| 82.728 | 82.828 | 20" |
| 82.729 | 82.829 | 22" |
| 82.730 | 82.830 | 24" |



TKA-4w4 (for four nozzles)

| Part No. 1/4" Nozzles | Part No. 1/8" Nozzles | Diameter |
|--------------------------|--------------------------|-----------|
| 82.731 | 82.831 | 8"/8" |
| 82.733 | 82.833 | 14"/8" |
| 82.735 | 82.835 | 16"/6" |
| 82.737 | 82.837 | 16"/10" |
| 82.742 | 82.842 | 18.5"/14" |
| 82.743 | 82.843 | 20"/14" |

TKA-4w5 (for five nozzles)

| Part No. 1/4" Nozzles | Part No. 1/8" Nozzles | Diameter |
|--------------------------|--------------------------|-----------|
| 82.746 | 82.846 | 8"/8" |
| 82.748 | 82.848 | 14"/8" |
| 82.750 | 82.850 | 16"/6" |
| 82.752 | 82.852 | 16"/10" |
| 82.757 | 82.857 | 18.5"/14" |
| 82.758 | 82.858 | 20"/14" |

Matching swivel are models: DYT, DYCI, DYF, DYG, DYL

Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All wash jet nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPTM, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

Nozzles not included.

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) also available as 7300 psi (50 MPa) |
| Temperature | 250°F |
| Body & pipe | stainless steel |
| IN | G3/8" F |
| OUT (for nozzles) | 1/4" NPTF / 1/8" NPTF |
| Throughput medium | pH 3-12 |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

NOZZLES

- ✓ 1/8", 1/4" and EG available
- ✓ Stainless steel
- ✓ Various spray angles



Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All HP nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPT Male, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

All EG nozzles, for use with stabilizer nozzles, have a 0° spray angle and are available from size 2 - 20.



HP

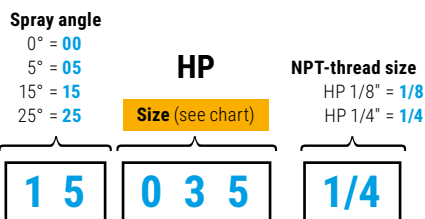
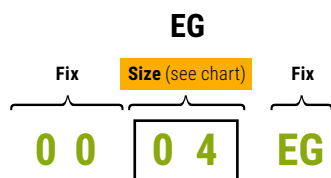


EG



Stabilizer Nozzle

Your Part No.



Nozzle recommendation (1 nozzle)

| Size | Orifice | Flow rate in GPM at: | | | | | | | | | | | | | |
|------|---------|----------------------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | 500 psi | 600 psi | 700 psi | 800 psi | 1000 psi | 1200 psi | 1500 psi | 2000 psi | 2500 psi | 3000 psi | 3500 psi | 4000 psi | 4500 psi | 5000 psi |
| 02 | 0.034 | 0.7 | 0.8 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.4 | 1.6 | 1.7 | 1.9 | 2.0 | 2.1 | 2.2 |
| 025 | 0.039 | 0.9 | 1.0 | 1.1 | 1.1 | 1.3 | 1.4 | 1.5 | 1.8 | 2.0 | 2.2 | 2.3 | 2.5 | 2.7 | 2.8 |
| 03 | 0.043 | 1.1 | 1.2 | 1.3 | 1.3 | 1.5 | 1.6 | 1.8 | 2.1 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 |
| 035 | 0.048 | 1.2 | 1.4 | 1.5 | 1.6 | 1.8 | 1.9 | 2.1 | 2.5 | 2.8 | 3.0 | 3.3 | 3.5 | 3.7 | 3.9 |
| 04 | 0.052 | 1.4 | 1.6 | 1.7 | 1.8 | 2.0 | 2.2 | 2.5 | 2.8 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.5 |
| 045 | 0.055 | 1.6 | 1.7 | 1.9 | 2.0 | 2.3 | 2.5 | 2.8 | 3.2 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.0 |
| 05 | 0.057 | 1.8 | 1.9 | 2.1 | 2.2 | 2.5 | 2.7 | 3.1 | 3.5 | 4.0 | 4.3 | 4.7 | 5.0 | 5.3 | 5.6 |
| 055 | 0.060 | 1.9 | 2.1 | 2.3 | 2.5 | 2.8 | 3.0 | 3.4 | 3.9 | 4.4 | 4.8 | 5.1 | 5.5 | 5.8 | 6.2 |
| 06 | 0.062 | 2.1 | 2.3 | 2.5 | 2.7 | 3.0 | 3.3 | 3.7 | 4.2 | 4.7 | 5.2 | 5.6 | 6.0 | 6.4 | 6.7 |
| 065 | 0.064 | 2.3 | 2.5 | 2.7 | 2.9 | 3.3 | 3.6 | 4.0 | 4.6 | 5.1 | 5.6 | 6.1 | 6.5 | 6.9 | 7.3 |
| 07 | 0.067 | 2.5 | 2.7 | 2.9 | 3.1 | 3.5 | 3.8 | 4.3 | 5.0 | 5.5 | 6.1 | 6.5 | 7.0 | 7.4 | 7.8 |
| 075 | 0.070 | 2.7 | 2.9 | 3.1 | 3.4 | 3.8 | 4.1 | 4.6 | 5.3 | 5.9 | 6.5 | 7.0 | 7.5 | 8.0 | 8.4 |
| 08 | 0.072 | 2.8 | 3.1 | 3.4 | 3.6 | 4.0 | 4.4 | 4.9 | 5.7 | 6.3 | 6.9 | 7.5 | 8.0 | 8.5 | 8.9 |
| 085 | 0.074 | 3.0 | 3.3 | 3.6 | 3.8 | 4.3 | 4.7 | 5.2 | 6.0 | 6.7 | 7.4 | 8.0 | 8.5 | 9.0 | 9.5 |
| 09 | 0.076 | 3.2 | 3.5 | 3.8 | 4.0 | 4.5 | 4.9 | 5.5 | 6.4 | 7.1 | 7.8 | 8.4 | 9.0 | 9.6 | 10.1 |
| 095 | 0.078 | 3.4 | 3.7 | 4.0 | 4.3 | 4.8 | 5.2 | 5.8 | 6.7 | 7.5 | 8.2 | 8.8 | 9.4 | 10.0 | 10.7 |
| 10 | 0.080 | 3.5 | 3.9 | 4.2 | 4.5 | 5.0 | 5.5 | 6.1 | 7.1 | 7.9 | 8.7 | 9.4 | 10.0 | 10.6 | 11.2 |
| 11 | 0.083 | 3.9 | 4.3 | 4.6 | 4.9 | 5.5 | 6.0 | 6.7 | 7.8 | 8.7 | 9.5 | 10.1 | 10.7 | 11.3 | 12.0 |
| 12 | 0.087 | 4.2 | 4.7 | 5.0 | 5.4 | 6.0 | 6.6 | 7.4 | 8.5 | 9.5 | 10.4 | 11.2 | 12.0 | 12.7 | 13.4 |
| 125 | 0.089 | 4.4 | 4.8 | 5.2 | 5.6 | 6.3 | 6.9 | 7.7 | 8.8 | 9.9 | 10.8 | 11.6 | 12.4 | 13.2 | 14.0 |
| 13 | 0.091 | 4.6 | 5.0 | 5.4 | 5.8 | 6.5 | 7.1 | 8.0 | 9.2 | 10.3 | 11.3 | 12.1 | 12.9 | 13.7 | 14.5 |
| 14 | 0.093 | 5.0 | 5.4 | 5.9 | 6.3 | 7.0 | 7.7 | 8.6 | 9.9 | 11.1 | 12.1 | 12.9 | 13.7 | 14.5 | 15.3 |
| 15 | 0.096 | 5.3 | 5.8 | 6.3 | 6.7 | 7.5 | 8.2 | 9.2 | 10.6 | 11.9 | 13.0 | 14.1 | 15.0 | 15.9 | 16.8 |
| 20 | 0.109 | 7.1 | 7.8 | 8.4 | 8.9 | 10.0 | 11.0 | 12.3 | 14.1 | 15.8 | 17.3 | 18.4 | 19.5 | 20.6 | 21.7 |



Ceramic nozzle (with swivel nut*)

| Part No. | IN | Angle | Size |
|----------|---------|-------|------|
| 29.076* | G3/8" F | 80° | 040 |
| 29.076 | --- | 80° | 040 |



Foam nozzle

| Part No. | IN | Angle | Size |
|----------|----------|-------|------|
| 18.50400 | 1/8"NPTM | 50° | 400 |



Stabilizer Nozzle

(without insert nozzle)

| Part No. | IN |
|----------|-----------|
| 14.901 | 1/4" NPTM |
| 14.902 | 1/8" NPTM |

Nozzle recommendation (2 to 5 nozzles)

| Pump capacity | Size | Quantity of Nozzles / Pressure in psi: | | | |
|---------------|------|--|-----------|-----------|-----------|
| | | 2 Nozzles | 3 Nozzles | 4 Nozzles | 5 Nozzles |
| 4 gpm | 02 | 4000 | 1800 | 1000 | 700 |
| | 025 | 2200 | 1000 | 600 | - |
| | 03 | 1900 | 750 | - | - |
| | 04 | 1000 | - | - | - |
| 5 gpm | 02 | - | 2800 | 1600 | 1000 |
| | 025 | 4000 | 1600 | 900 | 600 |
| | 03 | 2700 | 1300 | 600 | - |
| | 04 | 1500 | 650 | - | - |
| 6 gpm | 02 | - | 4400 | 2250 | 1600 |
| | 025 | - | 2200 | 1300 | 900 |
| | 03 | 4000 | 1900 | 1000 | 650 |
| | 04 | 2400 | 1000 | 550 | - |
| 8 gpm | 02 | - | - | 4000 | 2500 |
| | 025 | - | - | 2200 | 1500 |
| | 03 | - | 3200 | 1900 | 1100 |
| | 04 | 4000 | 1800 | 1000 | 600 |
| 10 gpm | 02 | - | - | - | 4000 |
| | 025 | - | - | 4000 | 2200 |
| | 03 | - | - | 2750 | 1800 |
| | 04 | - | 2800 | 1500 | 1000 |
| 15 gpm | 02 | - | - | - | 4000 |
| | 025 | - | - | 3750 | 2200 |
| | 03 | - | - | 2200 | 1400 |
| | 04 | - | 4000 | 1500 | 1000 |
| 20 gpm | 02 | - | - | - | 4000 |
| | 025 | - | - | 4000 | 2500 |
| | 03 | - | - | 2750 | 1700 |
| | 04 | - | 3600 | 2000 | 1300 |

- ✓ Cut cleaning time half
- ✓ Wider coverage with a 0° spray

The Mosmatic Turbo Nozzle increases your Cleaning coverage. The 0 degree rotation creates a penetrating chiselling action, saving you time and money. Use this high pressure upgrade solution for hard surface applications such as concrete, graffiti removal or mud-encrusted vehicles. Turbo nozzles increase cleaning efficiency as much as 200% compared to a flat fan nozzle.



Turbo Nozzle «Rex»

| Part No. | IN | Size | Color | max. Press. | max. Temp. | Weight |
|----------|-----------|------|------------|-------------|------------|---------|
| 14.150 | 1/4" NPTF | 3.0 | yellow | 5800 psi | 200°F | 1.3 lbs |
| 14.151 | | 3.5 | purple | | | |
| 14.152 | | 4.0 | brown | | | |
| 14.153 | | 4.5 | lime | | | |
| 14.154 | | 5.0 | black | | | |
| 14.155 | | 5.5 | light blue | | | |
| 14.156 | | 6.0 | red | | | |
| 14.157 | | 6.5 | white | | | |
| 14.158 | | 7.0 | pink | | | |
| 14.159 | | 8.0 | orange | | | |
| 14.160 | | 9.0 | green | | | |
| 14.161 | | 10.0 | grey | | | |

| | | | | | | |
|--------|-----------|------|------------|----------|-------|---------|
| 14.170 | 1/2" NPTF | 3.0 | yellow | 5800 psi | 200°F | 1.3 lbs |
| 14.171 | | 3.5 | purple | | | |
| 14.172 | | 4.0 | brown | | | |
| 14.173 | | 4.5 | lime | | | |
| 14.174 | | 5.0 | black | | | |
| 14.175 | | 5.5 | light blue | | | |
| 14.176 | | 6.0 | red | | | |
| 14.177 | | 6.5 | white | | | |
| 14.178 | | 7.0 | pink | | | |
| 14.179 | | 8.0 | orange | | | |
| 14.180 | | 9.0 | green | | | |
| 14.181 | | 10.0 | grey | | | |

Other sizes upon request.



Turbo Nozzle «iRex»

| Part No. | IN | Size | Color | max. Press. | max. Temp. | Weight |
|----------|-----------|------|------------|-------------|------------|---------|
| 14.250 | 1/4" NPTF | 3.0 | yellow | 5800 psi | 200°F | 1.3 lbs |
| 14.251 | | 3.5 | purple | | | |
| 14.252 | | 4.0 | brown | | | |
| 14.253 | | 4.5 | lime | | | |
| 14.254 | | 5.0 | black | | | |
| 14.255 | | 5.5 | light blue | | | |
| 14.256 | | 6.0 | red | | | |
| 14.257 | | 6.5 | white | | | |
| 14.258 | | 7.0 | pink | | | |
| 14.259 | | 8.0 | orange | | | |
| 14.260 | | 9.0 | green | | | |
| 14.261 | | 10.0 | grey | | | |

Other sizes upon request.



Hydro Digging Turbo Nozzle «iRex»


| Part No. | IN | Size | Color | max. Press. | max. Temp. | Weight |
|----------|-----------|------|--------|-------------|------------|---------|
| 14.279 | 1/2" NPTF | 8.0 | orange | 2900 psi | 200°F | 1.3 lbs |
| 14.280 | | 9.0 | green | | | |
| 14.281 | | 10.0 | grey | | | |

Other sizes upon request.


**Important: Always start turbo nozzles in down position.
Do not use unprotected!**


Legend


M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


| Adaptor with sieve | Part No. | Weight | |
|-----------------------------------|---------------|----------|---|
| IN 3/8"NPTF, OUT 3/8"NPTM, MC 50 | 53.011 | 0.13 lbs |  |
| IN 3/8"NPTF, OUT 3/8"NPTM, MC 200 | 53.012 | 0.13 lbs | |
| IN 1/2"NPTF, OUT 1/2"NPTM, MC 50 | 53.015 | 0.13 lbs | |
| IN 1/2"NPTF, OUT 1/2"NPTM, MC 200 | 53.016 | 0.13 lbs | |


MC = Mesh count


| Extension fitting | Part No. | Weight | |
|--|--------------|---------|---|
| for DR-520 roof cleaner IN G3/8" F, OUT G3/8" M | 38217 | 0.1 lbs |  |

| Extension for surface cleaner | Part No. | Weight | |
|---|---------------|---------|---|
| 17", stainless IN M22x1.5 F, OUT G1/4" M | 78.908 | 0.7 lbs |  |


| Hand grip replacement kit | Part No. | Weight | |
|-----------------------------|---------------|---------|---|
| for Surface Cleaner ø8"/12" | 78.945 | 0.4 lbs |  |

| Height adjusters long | Part No. | Weight | |
|-------------------------|----------------|---------|---|
| for DR-520 roof cleaner | 904.351 | 0.4 lbs |  |




| High pressure filter | Part No. | Weight | |
|-----------------------------|---------------|---------|---|
| IN 1/4" NPTF, OUT 1/4" NPTM | 90.061 | 0.4 lbs |  |


| Mosmatic HP Gun «NEO» | Part No. | Weight | |
|---|---------------|---------|---|
| 5000 psi, 300°F, Low Trigger Force IN 3/8" NPTF, OUT 1/4" NPTF | 29.081 | 1.3 lbs |  |
| 8700 psi, 300°F, Low Trigger Force IN 1/2" NPTF, OUT 1/2" NPTF | 29.136 | 1.5 lbs | |



More products see HP Gun page.


| Nozzle guard | Part No. | Weight | |
|---|---------------|----------|---|
| plug on ø0.6" & G3/8" Other versions upon request. | 29.010 | 0.02 lbs |  |


More products upon request.


| Nozzles | Part No. | Weight | |
|---|----------------|----------|---|
| Nozzle package #2 for AQUA surface cleaner | 78.983 | 0.09 lbs |  |
| Low pressure upgrade kit for Hurricane-Series | 80.9011 | 8.4 lbs | |
| Gum remover nozzle, IN G1/4" F Size #3 | 29.102 | 1.3 lbs | |
| Gum remover nozzle, IN G1/4" F Size #4 | 29.103 | 1.3 lbs | |
| Gum remover nozzle, IN G1/4" F Size #5 | 29.119 | 1.3 lbs |  |
| Ceramic nozzle, 80° angle Size 180 (040), IN G3/8" F | 29.076 | 0.04 lbs |  |


| Pedal switch | Part No. | Weight | |
|--|---------------|----------|---|
| for DR-520 roof cleaner IN M22x1.5 M, OUT M22x1.5 F | 80.987 | 31.0 lbs |  |

| Protection plate | Part No. | Weight | |
|----------------------------------|----------------|---------|---|
| for Surface Cleaner ø8" | 902.922 | 0.4 lbs |  |
| for Surface Cleaner ø12" | 900.066 | 1.2 lbs | |
| for Duct Cleaner ø12", stainless | 901.022 | 1.5 lbs |  |
| for Duct Cleaner ø16", stainless | 901.023 | 2.9 lbs | |
| for Duct Cleaner ø20", stainless | 901.024 | 4.6 lbs | |
| for Duct Cleaner ø24", stainless | 901.025 | 6.6 lbs | |
| Screw-set | 81.942 | 0.1 lbs | |

| Quick connection | Part No. | Weight | |
|-----------------------------------|---------------|----------|---|
| IN M22x1.5 F, OUT 1/4", NW 1/8" | 50.131 | 0.15 lbs |  |
| IN M22x1.5 F, OUT 5/16", NW 7/32" | 50.132 | 0.15 lbs | |
| IN M22x1.5 F, OUT 3/8", NW 1/4" | 50.133 | 0.13 lbs | |

| Stabilizer Nozzle | Part No. | Weight | |
|-------------------|---------------|---------|---|
| 1/4" NPTM, 3.7" | 14.901 | 0.2 lbs |  |
| 1/8" NPTM, 3.7" | 14.902 | 0.2 lbs | |

| TYR Hook | Part No. | Weight | |
|-----------------------------|---------------|---------|---|
| stabilize your Duct Cleaner | 81.905 | 0.2 lbs |  |

| TYR Mobile (adjustable) | Part No. | Weight | |
|-------------------------|---------------|----------|---|
| for ø6"-12" pipe | 81.911 | 9.0 lbs |  |
| for ø12"-20" pipe | 81.902 | 9.5 lbs | |
| for ø20"-24" pipe | 81.903 | 15.6 lbs | |

Duct Cleaner not included.

Our goal:

To provide quality and reliability in design and performance.

ROTARY UNIONS

Car Wash Industry

Rim cleaning, self-service car wash, undercarriage or touchless wash systems, Mosmatic swivels have been a source for all major manufacturers.



High Pressure Cleaning Industry

With a proven design portfolio, Mosmatic offers a complete line of low and high rpm designs. From product advancements to exotic applications such as sea water we can assist, provide or design something for you.



Hydraulics and Pneumatics

Provide longer life and reliability to your hydraulic or high pressure hose applications with Mosmatic large variety of swivels.



Industrial Cleaning

With clean compact low profile designing, Mosmatic swivels can be integrated into many different application and installation areas. Don't compromise performance and design when we can assist with the right union for your needs.



 **OPTIMAL**  **ALTERNATIVE**

| Application | DGK | DGV | DGVI | DGZ | DGS | DKS | DGE | DGEI | DGR | WDG | WDB | WDC | WDEI | WDEI LP | WDRS | DGL | DGG | DGF | DXL | DYG | DXF | DXTI | DXLS | DXGS | DXFS | DYL | DYG | DYF | DYW | DYCI/DYDI | DYT/DYU | DYKI | QVS |
|------------------------------|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|------|---------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----------|---------|------|-----|
| Agriculture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automatic carwashes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bus/Train/Truck wash systems | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ceiling Boom | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Container wash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conveyor belt cleaning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duct cleaning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Service | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fishnet cleaning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fleet wash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Food Industry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hose | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hose reels | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HP-Cleaner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HP-Guns | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hydraulic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mining Industry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Municipal vehicle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Paint Industry | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Parts washer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pipe cleaning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pneumatic | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salt water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Self-rotating application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surface Cleaner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tire cleaning | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Touchless carwash | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tunnel wash systems | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wands | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wheel washer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

If you don't see your application on the chart, please contact us.

Inline + 90° Swivels

| | Nominal width | Seal System | Pressure max. (psi) | RPM max. (rpm) | Temp. max. °F | Type | Page |
|---|------------------|-------------|---------------------|----------------|---------------|-------------|-----------|
| Swivel, single bearing system, short | NW 1/8" - 1/4" | O-ring | 4000 | 30 | 250 | DGK | 62 |
| Swivel, single bearing system | NW 1/4" - 3/8" | | 4000 | 30 | 250 | DGV | 63 |
| Swivel, single bearing system | NW 1/4" | | 7300 | 30 | 250 | DGVI | 64 |
| Swivel, single bearing system | NW 1/4" | | 4000 | 30 | 250 | DGZ | 65 |
| Swivel, dual bearing system | NW 1/4" - 3/8" | | 4000 | 30 | 250 | DGS | 66 |
| Swivel coupling, single bearing system | NW 1/8" - 1/4" | | 3600 | 30 | 250 | DKS | 67 |
| Hi flo Swivel, single bearing system | NW 3/8" - 1 1/2" | | 4000 | 30 | 250 | DGE | 68 |
| Hi flo Swivel, triple bearing system | NW 3/8" - 1 1/2" | | 5000 | 30 | 250 | DGEI | 69 |
| Hi flo Swivel, quadruple bearing system | NW 1/2" - 2" | | 150-3000 | 70-200 | 40-180 | DGR | 70 |

90° Swivels

| | | | | | | | |
|--|----------------|--------|------------------|--------|---------|-------------------------------|-----------|
| 90° Swivel | NW 1/4" - 1/2" | O-ring | 2200/4000 | 30 | 200/250 | WDG | 71 |
| 90° Swivel, dual bearing system | NW 1/4" - 3/8" | | 4000 | 30-200 | 250 | WDB | 72 |
| 90° Swivel, dual bearing system | NW 1/2" | | 4000 | 30-200 | 250 | WDC | 73 |
| 90° Swivel, dual bearing system | NW 1/4" - 1" | | 3000/5800 725 | 30 | 250 | WDEI WDEI LP | 74 |
| Hi flo 90° Swivel, dual bearing system | NW 3/8" - 2" | | 150-3000 | 60-150 | 40-180 | WDRS | 75 |

High RPM Swivels

| | | | | | | | |
|--|----------------|--------|------|------|----|------------|-----------|
| Swivel, triple bearing system | NW 1/4" - 3/8" | O-ring | 4000 | 1000 | 90 | DGL | 76 |
| Swivel, triple bearing system, with bulkhead fitting | NW 1/4" - 3/8" | | 4000 | 1000 | 90 | DGG | 77 |
| Swivel, triple bearing system, with flange | NW 1/4" - 3/8" | | 4000 | 1000 | 90 | DGF | 78 |

| | | | | | | | |
|--|----------------|---------|------|------|--------|-----------------------------------|-----------|
| Swivel, triple bearing system | NW 1/4" | Ceramic | 2500 | 2000 | 40-250 | DXL | 79 |
| Swivel, triple bearing system | NW 1/4" | | 300 | 1000 | 350 | DXLS / DXGS DXFS | 80 |
| Swivel, triple bearing system, with bulkhead fitting | NW 1/4" | | 2500 | 2000 | 40-250 | DXG | 81 |
| Swivel, triple bearing system, with flange | NW 1/4" | | 2500 | 2000 | 40-250 | DXF | 82 |
| Swivel, quadruple bearing system | NW 1/4" - 1/2" | | 2500 | 2000 | 250 | DXTI | 83 |

| | | | | | | | |
|--|----------------|---------|-----------|------|-----|--------------------|-----------|
| Swivel, triple bearing system | NW 1/4" | Carbide | 4000 | 2000 | 250 | DYL | 84 |
| Swivel, triple bearing system, with bulkhead fitting | NW 1/4" - 3/8" | | 4000 | 2000 | 250 | DYG | 85 |
| Swivel, triple bearing system, with flange | NW 1/4" | | 4000 | 2000 | 250 | DYF | 86 |
| Swivel, triple bearing system | NW 1/4" | | 5000 | 2000 | 250 | DYW | 87 |
| Swivel, triple bearing system | NW 1/4" | | 5000/7300 | 2000 | 250 | DYCI / DYDI | 88 |
| Swivel, quadruple bearing system | NW 1/4" - 3/8" | | 5000/7300 | 2000 | 250 | DYT / DYU | 89 |
| Swivel, quadruple bearing system | NW 1/4" - 3/8" | | 5000 | 2000 | 250 | DYKI | 90 |

Accessories

| | | |
|----------------|------------|-----------|
| Quick connects | QVS | 91 |
|----------------|------------|-----------|

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.

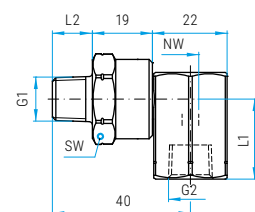
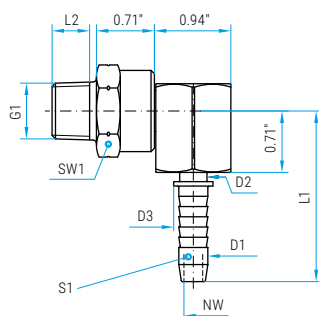
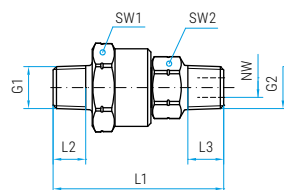
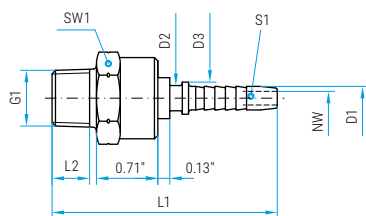
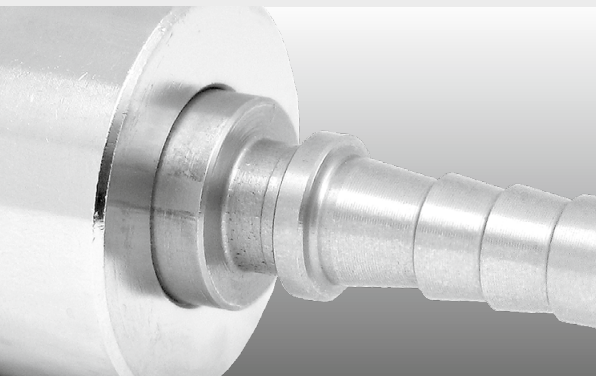
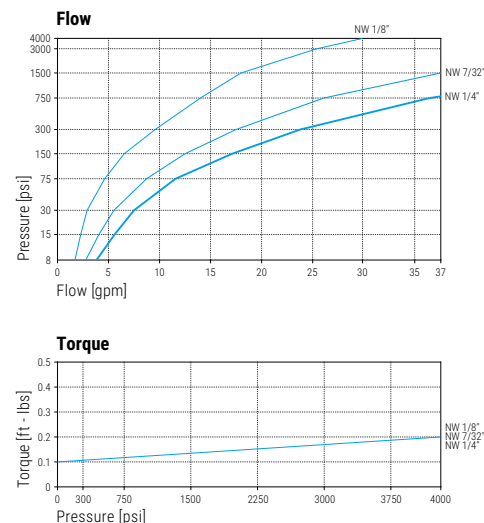
- ✓ Maintenance free
- ✓ Multitude of configurations
- ✓ Live rotation at maximum pressure
- ✓ Compact design

Application

HP-Guns, hose connections, hydraulics, tangle-free applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | stainless steel brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGK

| Part No. | G1 (M) | S1 | NW | SW1 | L1 | L2 | D1 | D2 | D3 | Weight |
|---------------|-----------|-------|-------|------|------|------|------|------|------|--------|
| 32.081 | 1/4" NPTM | 1/4" | 1/8" | 0.94 | 2.55 | 0.39 | 0.27 | 0.29 | 0.37 | 2.8 oz |
| 32.082 | 1/4" NPTM | 5/16" | 7/32" | 0.94 | 2.63 | 0.39 | 0.33 | 0.34 | 0.44 | 2.8 oz |
| 32.089 | 1/4" NPTM | 3/8" | 1/4" | 0.94 | 2.70 | 0.39 | 0.40 | 0.42 | 0.54 | 2.6 oz |
| 32.181 | 3/8" NPTM | 1/4" | 1/8" | 0.94 | 2.59 | 0.43 | 0.27 | 0.29 | 0.37 | 3.2 oz |
| 32.182 | 3/8" NPTM | 5/16" | 7/32" | 0.94 | 2.68 | 0.43 | 0.33 | 0.34 | 0.44 | 3.3 oz |
| 32.189 | 3/8" NPTM | 3/8" | 1/4" | 0.94 | 2.76 | 0.43 | 0.40 | 0.42 | 0.54 | 4.8 oz |

DGK (single bearing, compact)

| Part No. | G1 (M) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 32.051 | 1/4" NPTM | 1/4" NPTM | 1/4" | 0.94 | 0.67 | 2.05 | 0.39 | 0.43 | 3.5 oz |
| 32.053 | 1/4" NPTM | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.09 | 0.39 | 0.39 | 3.9 oz |
| 32.153 | 3/8" NPTM | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.13 | 0.43 | 0.47 | 4.2 oz |

DGK 90°

| Part No. | G1 (M) | S1 | NW | SW1 | L1 | L2 | D1 | D2 | D3 | Weight |
|---------------|-----------|-------|-------|------|------|------|------|------|------|--------|
| 32.381 | 1/4" NPTM | 1/4" | 1/8" | 0.94 | 1.95 | 0.39 | 0.27 | 0.29 | 0.37 | 5.3 oz |
| 32.382 | 1/4" NPTM | 5/16" | 7/32" | 0.94 | 1.97 | 0.39 | 0.33 | 0.34 | 0.44 | 5.3 oz |
| 32.389 | 1/4" NPTM | 3/8" | 1/4" | 0.94 | 2.10 | 0.39 | 0.40 | 0.42 | 0.54 | 6.0 oz |
| 32.481 | 3/8" NPTM | 1/4" | 1/8" | 0.94 | 1.95 | 0.43 | 0.27 | 0.29 | 0.37 | 5.5 oz |
| 32.482 | 3/8" NPTM | 5/16" | 7/32" | 0.94 | 1.97 | 0.43 | 0.33 | 0.34 | 0.44 | 5.7 oz |
| 32.489 | 3/8" NPTM | 3/8" | 1/4" | 0.94 | 2.10 | 0.43 | 0.40 | 0.42 | 0.54 | 6.2 oz |

DGK 90°

| Part No. | G1 (M) | G1 (F) | NW | SW1 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|--------|
| 32.543 | 1/4" NPTM | 1/4" NPTF | 1/4" | 0.94 | 0.94 | 0.39 | 5.6 oz |
| 32.544 | 1/4" NPTM | 3/8" NPTF | 1/4" | 0.94 | 1.06 | 0.39 | 5.5 oz |
| 32.548 | 3/8" NPTM | 1/4" NPTF | 1/4" | 0.94 | 0.94 | 0.39 | 5.9 oz |
| 32.549 | 3/8" NPTM | 3/8" NPTF | 1/4" | 0.94 | 1.06 | 0.39 | 5.8 oz |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

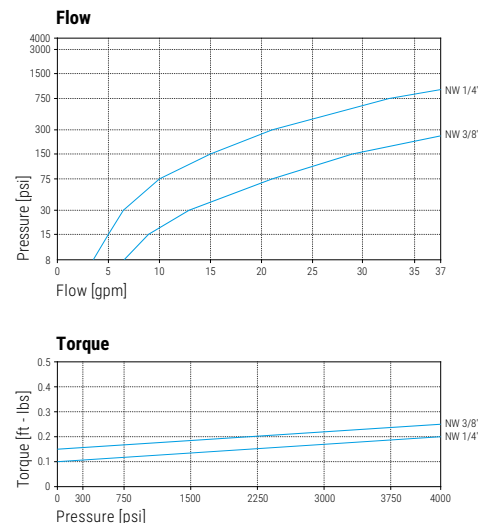
- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Stainless steel internal parts
- ✓ Corrosion resistant
- ✓ Reinforced inner shaft
- ✓ Maintenance free

Application

HP-Guns, hose connections, hydraulics, tangle-free applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | stainless steel brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGV

| Part No. | G1 (M) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 32.551 | 1/4" NPTM | 1/4" NPTM | 1/4" | 0.94 | 0.67 | 2.40 | 0.39 | 0.43 | 4.2 oz |
| 32.553 | 1/4" NPTM | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.44 | 0.39 | 0.47 | 4.9 oz |
| 32.561 | 3/8" NPTM | 1/4" NPTM | 1/4" | 0.94 | 0.67 | 2.44 | 0.43 | 0.43 | 4.9 oz |
| 32.563 | 3/8" NPTM | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.48 | 0.43 | 0.47 | 5.4 oz |
| 32.861 | 1/2" NPTM | 3/8" NPTM | 3/8" | 1.06 | 0.75 | 2.76 | 0.59 | 0.47 | 7.5 oz |
| 32.863 | 1/2" NPTM | 1/2" NPTM | 3/8" | 1.06 | 1.06 | 2.91 | 0.59 | 0.59 | 8.2 oz |

| Part No. | G1 (M) | G2 (F) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|--------|
| 32.552 | 1/4" NPTM | 1/4" NPTF | 1/4" | 0.94 | 0.75 | 2.60 | 0.39 | 5.2 oz |
| 32.554 | 1/4" NPTM | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.71 | 0.39 | 5.6 oz |
| 32.562 | 3/8" NPTM | 1/4" NPTF | 1/4" | 0.94 | 0.75 | 2.63 | 0.43 | 5.7 oz |
| 32.564 | 3/8" NPTM | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.75 | 0.43 | 6.4 oz |
| 32.854 | 3/8" NPTM | 1/2" NPTF | 3/8" | 1.06 | 1.06 | 2.87 | 0.43 | 7.1 oz |
| 32.864 | 1/2" NPTM | 1/2" NPTF | 3/8" | 1.06 | 1.06 | 3.03 | 0.59 | 8.7 oz |
| 32.924 | 3/8" NPTM | 1/2" NPTF | 1/4" | 0.94 | 1.06 | 2.91 | 0.43 | 7.5 oz |

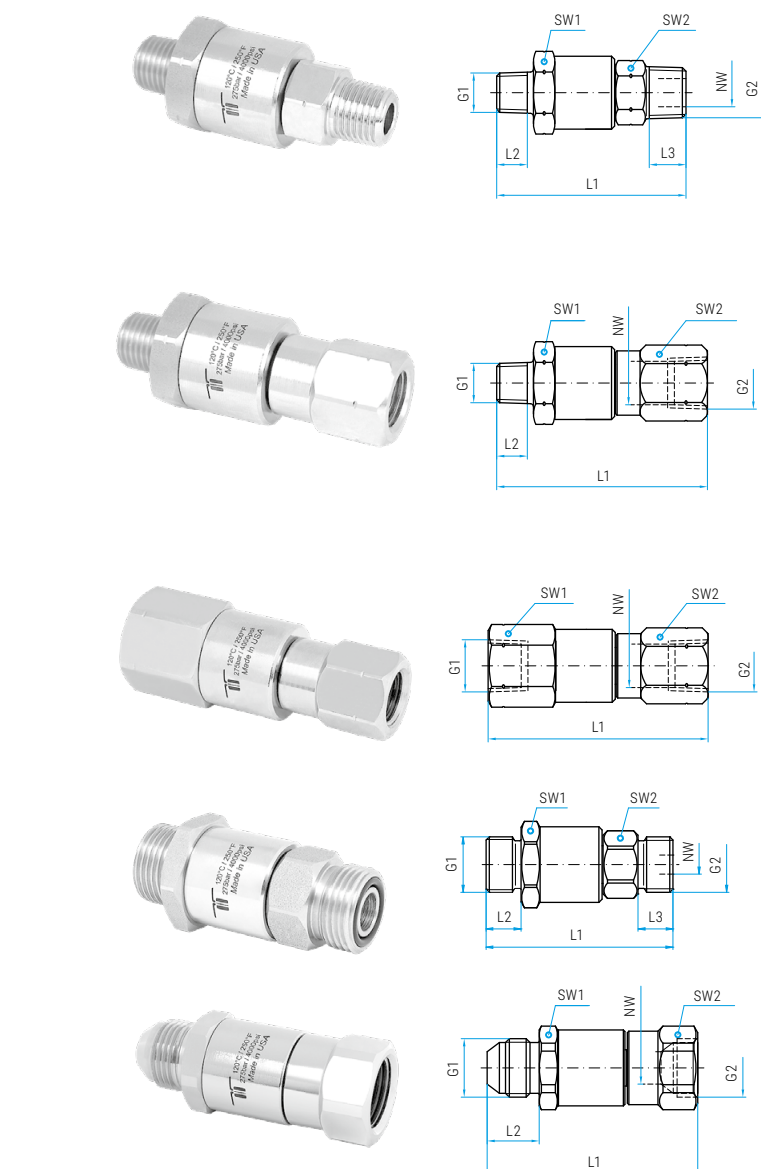
| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | Weight |
|---------------|-----------|-----------|------|------|------|------|--------|
| 32.557 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.94 | 0.75 | 2.72 | 6.5 oz |
| 32.559 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.83 | 6.6 oz |
| 32.567 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.94 | 0.75 | 2.76 | 6.6 oz |
| 32.569 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.87 | 7.1 oz |

DGV Face seal

| Part No. | G1 (M) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | Weight |
|---------------|-------------|-------------|------|------|------|------|------|------|--------|
| 32.571 | 11/16"-16UN | 11/16"-16UN | 1/4" | 0.94 | 0.87 | 2.32 | 0.43 | 0.43 | 4.9 oz |
| 32.871 | 13/16"-16UN | 13/16"-16UN | 3/8" | 1.06 | 0.94 | 2.44 | 0.43 | 0.43 | 6.6 oz |

DGV Hydraulic

| Part No. | G1 (M) | G2 (F) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|------------|------------|------|------|------|------|------|--------|
| 32.926 | 3/4" JIC M | 3/4" JIC F | 3/8" | 1.00 | 1.00 | 2.71 | 0.67 | 6.0 oz |



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Complete stainless steel construction
- ✓ Single bearing system
- ✓ Corrosion resistant
- ✓ Maintenance free

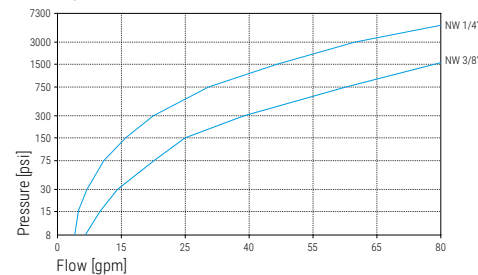
Application

HP-guns, high pressure hose reels, hydraulics, tangle-free applications

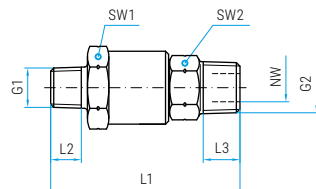
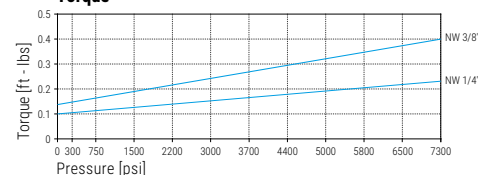
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 7300 psi (50 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow

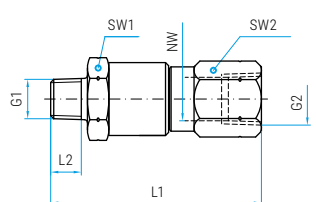


Torque

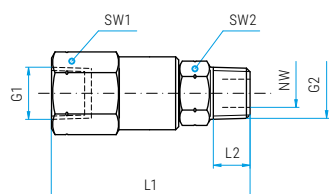


DGVI

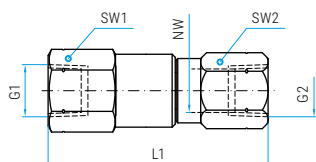
| Part No. | G1 (M) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 32.763 | 3/8" NPTM | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.48 | 0.43 | 0.47 | 5.4 oz |



| Part No. | G1 (M) | G2 (F) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|--------|
| 32.752 | 1/4" NPTM | 1/4" NPTF | 1/4" | 0.94 | 0.75 | 2.60 | 0.39 | 5.2 oz |
| 32.764 | 3/8" NPTM | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.75 | 0.43 | 6.4 oz |
| 32.894 | 1/2" NPTM | 1/2" NPTF | 3/8" | 1.06 | 1.06 | 2.95 | 0.59 | 8.8 oz |



| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|--------|
| 32.768 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.94 | 0.75 | 2.60 | 0.47 | 5.9 oz |



| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | Weight |
|---------------|-----------|-----------|------|------|------|------|--------|
| 32.769 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.94 | 0.87 | 2.87 | 7.1 oz |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Full range of articulation
- ✓ Single bearing system
- ✓ Reinforced inner shaft
- ✓ Maintenance free



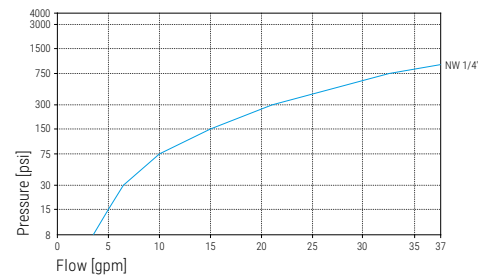
Application

Improves the mobility of hoses, HP- gun, paint spray guns and other multi directional uses

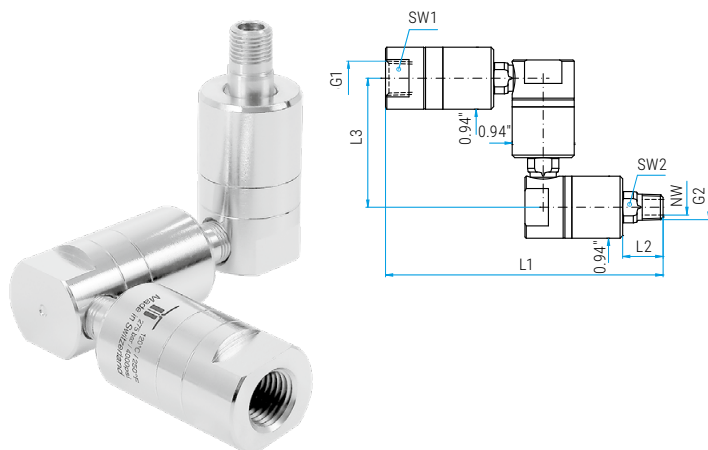
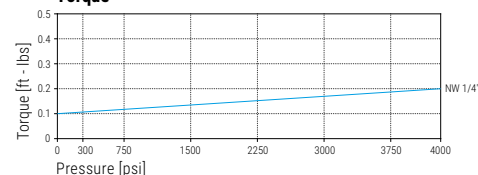
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | stainless steel brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



Torque



DGZ

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|---------|
| 32.906 | 1/4" NPTF | 1/8" NPTM | 1/4" | 0.75 | 0.40 | 4.17 | 0.60 | 2.00 | 13.8 oz |
| 32.910 | 1/8" NPTF | 1/8" NPTM | 1/4" | 0.75 | 0.40 | 4.00 | 0.60 | 2.00 | 13.8 oz |
| 32.915 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.75 | 0.67 | 4.45 | 0.90 | 2.00 | 15.0 oz |

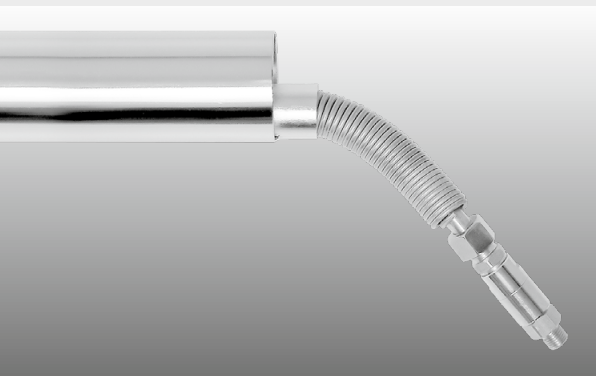
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Very low torque
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free
- ✓ Easy rotation at maximum pressure



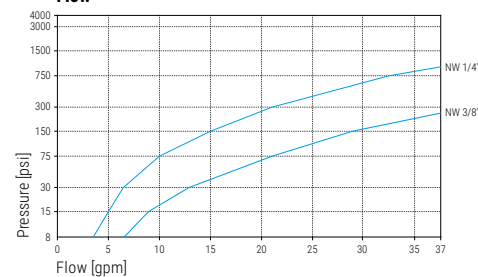
Application

High and low pressure cleaning, hose connections, ceiling booms, hydraulic

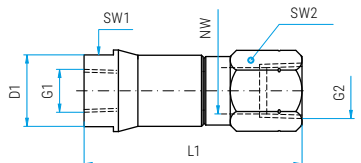
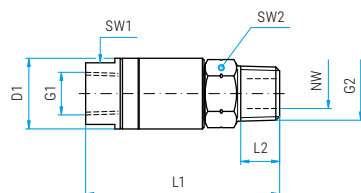
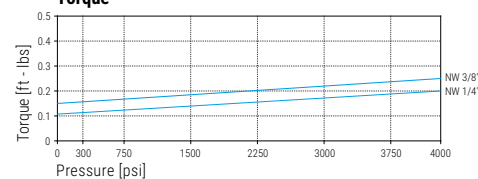
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing 1x radial ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



Torque



DGS

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 30.051 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.75 | 0.67 | 2.32 | 0.43 | 0.86 | 4.1 oz |
| 30.053 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.75 | 0.75 | 2.36 | 0.47 | 0.86 | 4.6 oz |
| 30.153 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 2.36 | 0.47 | 0.98 | 4.6 oz |
| 30.653 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 0.75 | 2.43 | 0.47 | 0.98 | 6.0 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | D1 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|--------|
| 30.014 | G1/4" F | 3/8" NPTF | 1/4" | 0.75 | 0.87 | 2.63 | 0.86 | 5.5 oz |
| 30.052 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.75 | 0.75 | 2.52 | 0.86 | 4.9 oz |
| 30.054 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.75 | 0.87 | 2.63 | 0.86 | 5.6 oz |
| 30.154 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 2.63 | 0.98 | 5.6 oz |
| 30.654 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 0.87 | 2.71 | 0.98 | 6.0 oz |

33.910 Seal kit for NW 1/4"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Self-lubricating ball bearings
- ✓ Easy to install

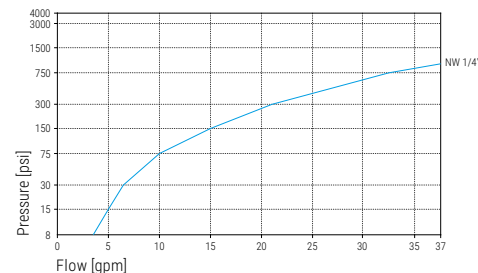
Application

High pressure cleaning, hose connections, quick coupling

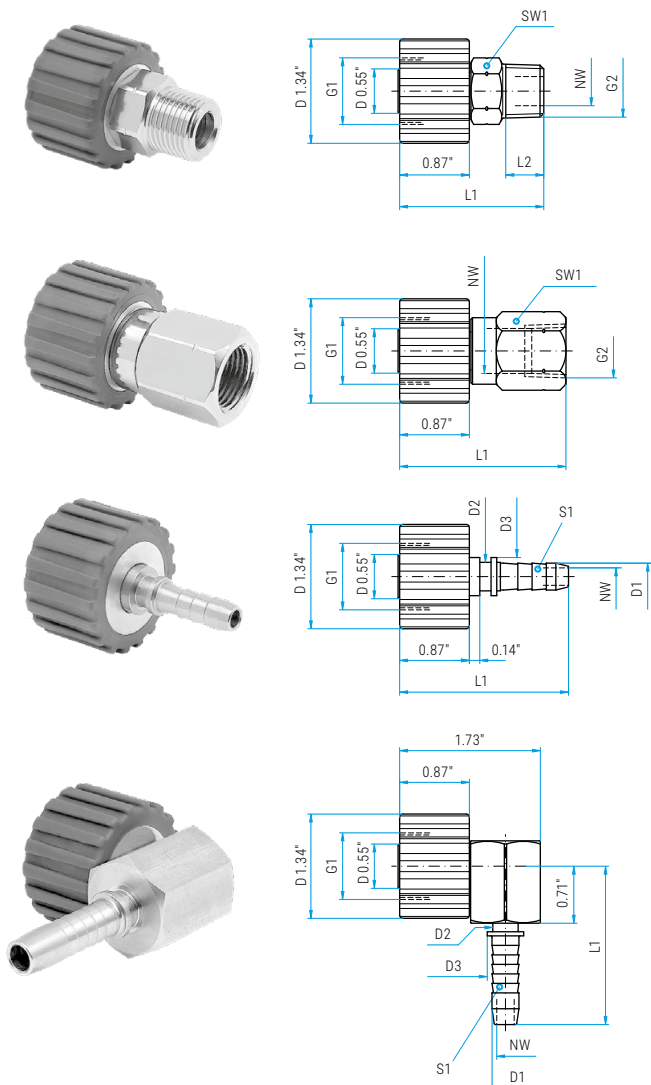
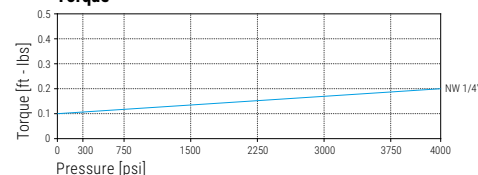
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 3600 psi (25 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



Torque



DKS

| Part No. | G1 (QV) | G2 (M) | NW | SW1 | L1 | L2 | Weight | Color |
|---------------|-----------|-----------|------|------|------|------|--------|-------|
| 70.051 | M21x1.5 F | 1/4" NPTM | 1/4" | 0.67 | 1.76 | 0.43 | 3.6 oz | gray |
| 70.053 | M21x1.5 F | 3/8" NPTM | 1/4" | 0.75 | 1.80 | 0.47 | 3.6 oz | gray |
| 70.151 | M22x1.5 F | 1/4" NPTM | 1/4" | 0.67 | 1.76 | 0.43 | 3.7 oz | red |
| 70.153 | M22x1.5 F | 3/8" NPTM | 1/4" | 0.75 | 1.80 | 0.47 | 3.7 oz | red |

| Part No. | G1 (QV) | G2 (F) | NW | SW1 | L1 | Weight | Color |
|---------------|-----------|-----------|------|------|------|--------|-------|
| 70.052 | M21x1.5 F | 1/4" NPTF | 1/4" | 0.75 | 1.96 | 3.6 oz | gray |
| 70.054 | M21x1.5 F | 3/8" NPTF | 1/4" | 0.87 | 2.08 | 3.6 oz | gray |
| 70.152 | M22x1.5 F | 1/4" NPTF | 1/4" | 0.75 | 1.96 | 3.7 oz | red |
| 70.154 | M22x1.5 F | 3/8" NPTF | 1/4" | 0.87 | 2.08 | 3.7 oz | red |

| Part No. | G1 (QV) | S1 | NW | L1 | D1 | D2 | D3 | Weight | Color |
|---------------|-----------|-------|-------|------|------|------|------|--------|-------|
| 70.131 | M22x1.5 F | 1/4" | 1/8" | 2.26 | 0.27 | 0.29 | 0.37 | 2.8 oz | red |
| 70.132 | M22x1.5 F | 5/16" | 7/32" | 2.34 | 0.33 | 0.34 | 0.44 | 3.0 oz | red |
| 70.139 | M22x1.5 F | 3/8" | 1/4" | 2.42 | 0.40 | 0.35 | 0.47 | 3.0 oz | red |

DKS 90°

| Part No. | G1 (QV) | S1 | NW | L1 | D1 | D2 | D3 | Weight | Color |
|---------------|-----------|-------|-------|------|------|------|------|--------|-------|
| 70.582 | M22x1.5 F | 5/16" | 7/32" | 1.97 | 0.33 | 0.31 | 0.45 | 5.7 oz | red |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

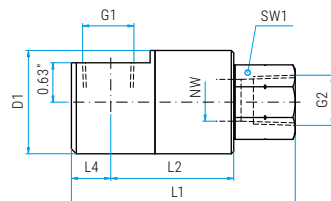
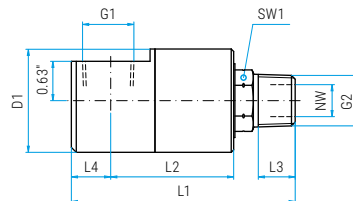
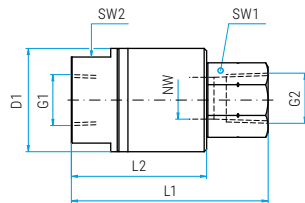
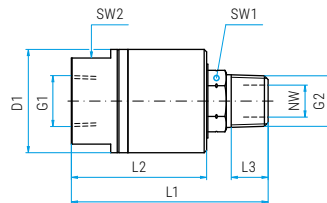
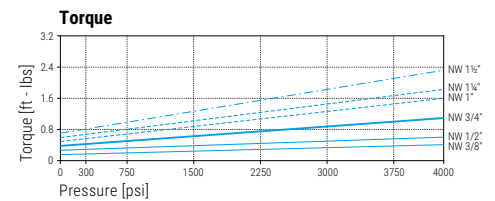
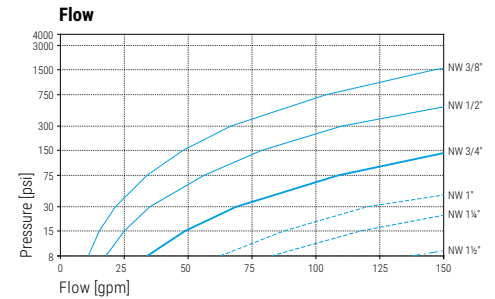
- ✓ Maintenance free
- ✓ Sealed stainless steel bearings
- ✓ High flow

Application

High flow, low rpm, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGE

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | D1 | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|------|---------|
| 34.852 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 1.38 | 2.87 | 2.05 | 0.43 | 1.65 | 18.9 oz |
| 34.853 | 1/2" NPTF | 1/2" NPTM | 1/2" | 0.87 | 1.38 | 3.15 | 2.17 | 0.59 | 1.65 | 18.9 oz |
| 34.854 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.06 | 1.57 | 3.46 | 2.38 | 0.63 | 1.97 | 27.8 oz |
| 34.855 | 1" NPTF | 1" NPTM | 1" | 1.42 | 1.97 | 3.54 | 2.36 | 0.71 | 2.36 | 40.3 oz |
| 34.856 | 1 1/4" NPTF | 1 1/4" NPTM | 1 1/4" | 1.50 | 1.81 | 4.17 | 2.66 | 0.79 | 2.36 | 47.8 oz |
| 34.857 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 2.05 | 2.76 | 4.41 | 2.87 | 0.79 | 3.35 | 95.3 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|---------|
| 34.862 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 1.38 | 2.81 | 2.05 | 1.65 | 10.4 oz |
| 34.863 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.06 | 1.38 | 3.15 | 2.17 | 1.65 | 22.0 oz |
| 34.864 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 1.57 | 3.39 | 2.38 | 1.97 | 31.8 oz |
| 34.865 | 1" NPTF | 1" NPTF | 1" | 1.42 | 1.97 | 3.56 | 2.36 | 2.36 | 44.0 oz |
| 34.866 | 1 1/4" NPTF | 1 1/4" NPTF | 1 1/4" | 1.97 | 1.97 | 3.94 | 2.66 | 2.36 | 50.0 oz |
| 34.867 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.13 | 2.76 | 4.15 | 2.87 | 3.35 | 93.9 oz |

DGE 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | L4 | D1 | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|------|----------|
| 34.872 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 3.31 | 1.93 | 0.43 | 0.55 | 1.65 | 22.5 oz |
| 34.873 | 1/2" NPTF | 1/2" NPTM | 1/2" | 0.87 | 3.58 | 2.01 | 0.59 | 0.59 | 1.65 | 23.2 oz |
| 34.874 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.06 | 4.09 | 2.26 | 0.63 | 0.75 | 1.97 | 35.7 oz |
| 34.875 | 1" NPTF | 1" NPTM | 1" | 1.42 | 4.53 | 2.52 | 0.71 | 0.83 | 2.36 | 56.7 oz |
| 34.876 | 1 1/4" NPTF | 1 1/4" NPTM | 1 1/4" | 1.50 | 5.24 | 2.62 | 0.79 | 1.10 | 2.76 | 74.2 oz |
| 34.877 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 2.05 | 5.71 | 2.99 | 0.79 | 1.18 | 3.35 | 128.9 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | L1 | L2 | L4 | D1 | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|----------|
| 34.882 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 3.25 | 1.93 | 0.55 | 1.65 | 23.5 oz |
| 34.883 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.06 | 3.58 | 2.01 | 0.59 | 1.65 | 22.8 oz |
| 34.884 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 4.02 | 2.26 | 0.75 | 1.97 | 36.0 oz |
| 34.885 | 1" NPTF | 1" NPTF | 1" | 1.42 | 4.55 | 2.52 | 0.83 | 2.36 | 53.9 oz |
| 34.886 | 1 1/4" NPTF | 1 1/4" NPTF | 1 1/4" | 1.97 | 5.00 | 2.01 | 1.10 | 2.36 | 76.4 oz |
| 34.887 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.13 | 5.47 | 2.01 | 1.18 | 3.35 | 127.5 oz |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

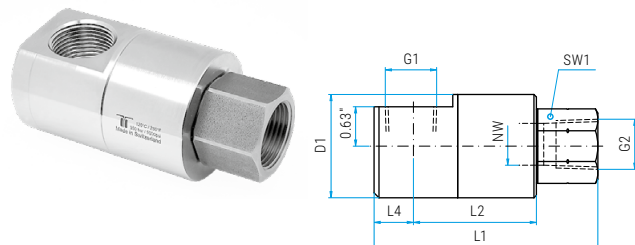
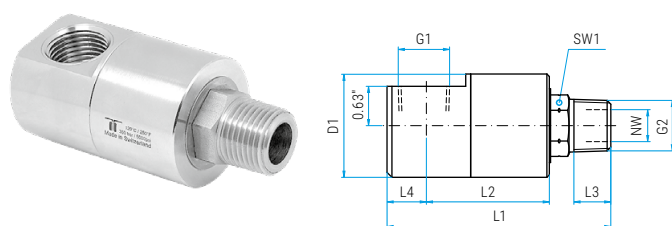
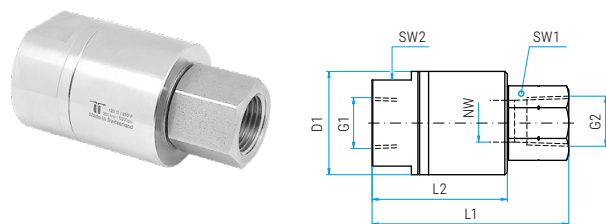
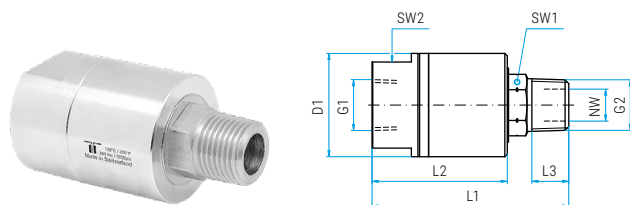
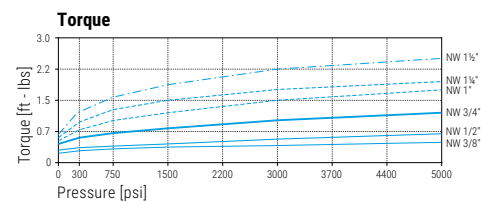
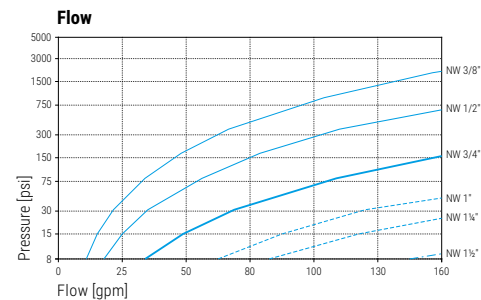
- ✓ Stainless steel construction
- ✓ Maintenance free
- ✓ Sealed stainless steel ball bearings
- ✓ High flow

Application

Pharmaceutical industry, food industry, high flow, low rpm, automatic car wash systems

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 5000 psi (35 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 1x thrust ball bearing 2x sliding bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGEI

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | D1 | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|------|---------|
| 34.752 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 1.38 | 2.87 | 2.05 | 0.43 | 1.65 | 18.9 oz |
| 34.753 | 1/2" NPTF | 1/2" NPTM | 1/2" | 0.87 | 1.38 | 3.15 | 2.17 | 0.59 | 1.65 | 18.9 oz |
| 34.754 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.06 | 1.58 | 3.66 | 2.58 | 0.63 | 1.97 | 27.8 oz |
| 34.755 | 1" NPTF | 1" NPTM | 1" | 1.42 | 1.97 | 3.74 | 2.56 | 0.71 | 2.35 | 40.3 oz |
| 34.756 | 1 1/4" NPTF | 1 1/4" NPTM | 1 1/4" | 1.47 | 1.97 | 4.51 | 2.99 | 0.79 | 2.35 | 47.8 oz |
| 34.757 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 1.97 | 2.76 | 4.61 | 3.07 | 0.79 | 3.33 | 95.3 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|---------|
| 34.762 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 1.38 | 2.80 | 2.05 | 1.65 | 10.4 oz |
| 34.763 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.06 | 1.38 | 3.15 | 2.17 | 1.65 | 22.0 oz |
| 34.764 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 1.58 | 3.66 | 2.58 | 1.97 | 31.8 oz |
| 34.765 | 1" NPTF | 1" NPTF | 1" | 1.42 | 1.97 | 3.54 | 2.56 | 2.35 | 44.0 oz |
| 34.766 | 1 1/4" NPTF | 1 1/4" NPTF | 1 1/4" | 1.97 | 1.97 | 4.23 | 2.99 | 2.35 | 50.0 oz |
| 34.767 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.13 | 2.76 | 4.35 | 3.07 | 3.33 | 93.9 oz |

DGEI 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | L4 | D1 | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|------|----------|
| 34.772 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 3.46 | 2.09 | 0.43 | 0.55 | 1.65 | 22.5 oz |
| 34.773 | 1/2" NPTF | 1/2" NPTM | 1/2" | 0.87 | 3.82 | 2.09 | 0.59 | 0.75 | 1.65 | 23.2 oz |
| 34.774 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.06 | 4.35 | 2.40 | 0.63 | 0.87 | 1.97 | 35.7 oz |
| 34.775 | 1" NPTF | 1" NPTM | 1" | 1.42 | 4.84 | 2.52 | 0.71 | 1.14 | 2.35 | 56.7 oz |
| 34.776 | 1 1/4" NPTF | 1 1/4" NPTM | 1 1/4" | 1.47 | 5.65 | 2.84 | 0.79 | 1.30 | 2.76 | 74.2 oz |
| 34.777 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 1.97 | 6.12 | 3.17 | 0.79 | 1.42 | 3.33 | 128.9 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | L1 | L2 | L4 | D1 | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|----------|
| 34.782 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 3.39 | 2.09 | 0.55 | 1.65 | 23.5 oz |
| 34.783 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.06 | 3.82 | 2.09 | 0.75 | 1.65 | 22.8 oz |
| 34.784 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 4.35 | 2.40 | 0.87 | 1.97 | 36.0 oz |
| 34.785 | 1" NPTF | 1" NPTF | 1" | 1.42 | 4.65 | 2.52 | 1.14 | 2.35 | 53.9 oz |
| 34.786 | 1 1/4" NPTF | 1 1/4" NPTF | 1 1/4" | 1.97 | 5.37 | 2.84 | 1.30 | 2.76 | 76.4 oz |
| 34.787 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.13 | 5.87 | 3.17 | 1.42 | 3.33 | 127.5 oz |

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Quadruple bearing system
- ✓ High flow
- ✓ Solid stainless steel construction
- ✓ Long service life
- ✓ Maintenance free
- ✓ Corrosion resistant

Application

Thrust and radial forces, high pressure, industrial or food service applications

TECHNICAL DATA

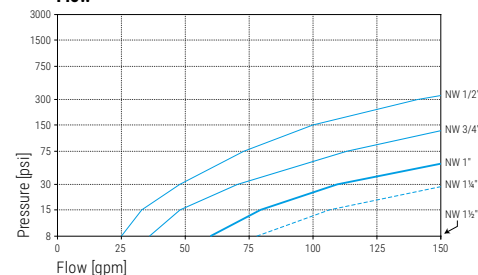
Pressure 150-3000 psi (1-20 MPa)
Temperature 40°F - 180°F
RPM see chart (max. RPM)

Body stainless steel

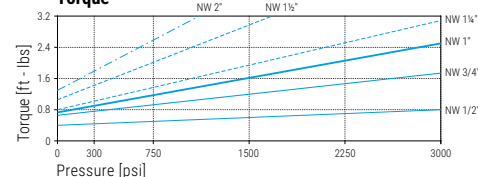
Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)
Bearing 2x radial ball bearings
 2x thrust ball bearings

Throughput medium pH 3 - 12
 filtered 10 microns
 compressed air (290 psi)

Flow



Torque



DGR

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | D1 | max. RPM | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|------|----------|----------|
| 34.211 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.50 | 1.06 | 4.69 | 3.43 | 0.59 | 1.97 | 200 | 41.0 oz |
| 34.311 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.65 | 1.26 | 5.00 | 3.66 | 0.59 | 2.17 | 150 | 51.0 oz |
| 34.411 | 1" NPTF | 1" NPTM | 1" | 1.81 | 1.42 | 5.31 | 3.78 | 0.71 | 2.36 | 130 | 59.0 oz |
| 34.541 | 1 1/4" NPTF | 1 1/4" NPTM | 1 1/4" | 2.00 | 1.73 | 5.57 | 3.98 | 0.71 | 2.36 | 130 | 62.0 oz |
| 34.511 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 2.56 | 2.17 | 6.06 | 4.09 | 0.79 | 3.15 | 100 | 111.0 oz |
| 34.611 | 2" NPTF | 2" NPTM | 2" | 2.95 | 2.44 | 6.54 | 4.57 | 0.87 | 3.54 | 70 | 132.0 oz |

| Part No. | G1 (F) | G3 (F) | NW | SW1 | SW2 | L1 | L2 | D1 | max. RPM | Weight |
|---------------|-------------|-------------|--------|------|------|------|------|------|----------|----------|
| 34.212 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.50 | 1.06 | 4.92 | 3.43 | 1.97 | 200 | 41.0 oz |
| 34.312 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.65 | 1.26 | 5.24 | 3.66 | 2.17 | 150 | 53.0 oz |
| 34.412 | 1" NPTF | 1" NPTF | 1" | 1.81 | 1.42 | 5.55 | 3.78 | 2.36 | 130 | 60.0 oz |
| 34.542 | 1 1/4" NPTF | 1 1/4" NPTF | 1 1/4" | 2.00 | 1.73 | 5.65 | 3.98 | 2.36 | 130 | 61.0 oz |
| 34.512 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.56 | 2.17 | 6.06 | 4.09 | 3.15 | 100 | 114.0 oz |
| 34.612 | 2" NPTF | 2" NPTF | 2" | 2.95 | 2.56 | 6.70 | 4.57 | 3.54 | 70 | 133.0 oz |

| | |
|---------------|------------------------|
| 34.911 | Seal kit for NW 1/2" |
| 34.912 | Seal kit for NW 3/4" |
| 34.913 | Seal kit for NW 1" |
| 34.943 | Seal kit for NW 1 1/4" |
| 34.914 | Seal kit for NW 1 1/2" |
| 34.915 | Seal kit for NW 2" |

| | |
|---------------|--------------------------|
| 34.920 | Repair kit for NW 1/2" |
| 34.921 | Repair kit for NW 3/4" |
| 34.922 | Repair kit for NW 1" |
| 34.944 | Repair kit for NW 1 1/4" |
| 34.923 | Repair kit for NW 1 1/2" |
| 34.924 | Repair kit for NW 2" |

Repair kit includes seal and bearing set.

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
 SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ Compact design
- ✓ Stainless steel
- ✓ Maintenance free

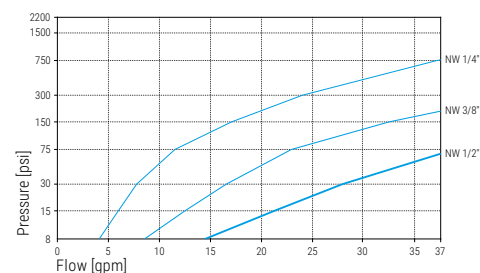
Application

Ceiling booms, high pressure hose reels, high pressure cleaners

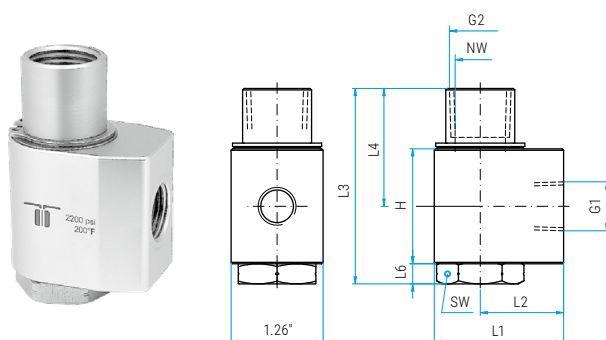
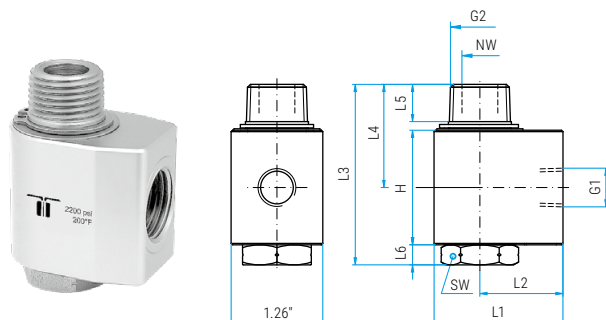
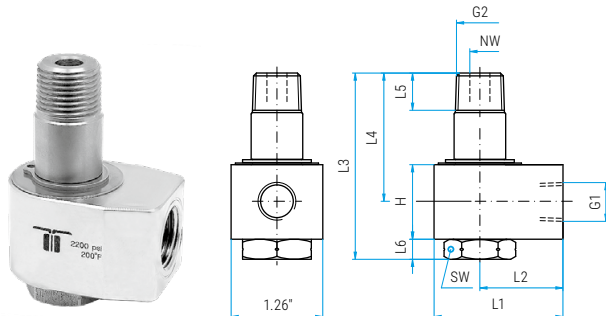
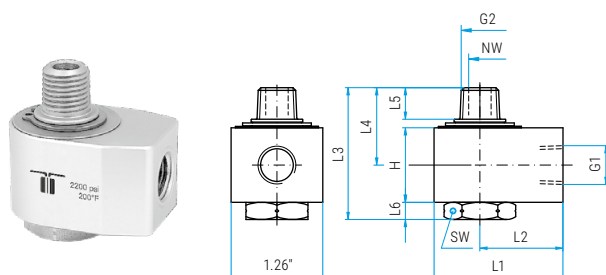
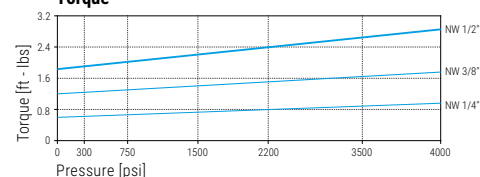
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 2200 psi (15 MPa) 4000 psi* (27.5 MPa) |
| Temperature | 200°F / 250°F* |
| RPM | max. 30 rpm |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR / Support ring (optional: EPDM or FKM) |
| Bearing | sliding bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



Torque



WDG

| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | L6 | SW | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|------|------|---------|
| 40.009* | G1/4" F | G1/4" M | 1/4" | 1.02 | 1.77 | 1.14 | 1.73 | 0.96 | 0.33 | 0.25 | 0.87 | 9.8 oz |
| 40.019* | 3/8" NPTF | G1/4" M | 1/4" | 1.02 | 1.77 | 1.14 | 1.73 | 0.96 | 0.43 | 0.25 | 0.87 | 9.7 oz |
| 40.021 | 1/4" NPTF | 1/4" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 1.89 | 1.14 | 0.47 | 0.24 | 0.87 | 10.3 oz |
| 40.022 | 1/4" NPTF | 3/8" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 1.89 | 1.14 | 0.47 | 0.24 | 0.87 | 10.3 oz |
| 40.031 | 3/8" NPTF | 1/4" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 1.89 | 1.14 | 0.47 | 0.24 | 0.87 | 9.6 oz |
| 40.032 | 3/8" NPTF | 3/8" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 1.89 | 1.14 | 0.47 | 0.24 | 0.87 | 10.0 oz |

* 4000 psi / 250°F / without snap ring, for Mosmatic ceiling boom

| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | L6 | SW | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|------|------|---------|
| 40.028 | 1/4" NPTF | 1/4" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 2.56 | 1.77 | 0.47 | 0.27 | 0.87 | 10.0 oz |
| 40.029 | 1/4" NPTF | 3/8" NPTM | 1/4" | 1.02 | 1.77 | 1.14 | 2.56 | 1.77 | 0.51 | 0.27 | 0.87 | 11.7 oz |
| 40.039 | 3/8" NPTF | 3/8" NPTM | 1/4" | 1.26 | 1.77 | 1.14 | 2.09 | 1.18 | 0.43 | 0.28 | 0.94 | 11.4 oz |

| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | L6 | SW | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|------|------|---------|
| 40.231 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.57 | 1.77 | 1.14 | 2.48 | 1.42 | 0.43 | 0.28 | 0.94 | 13.5 oz |

| Part No. | G1 (F) | G2 (F) | NW | H | L1 | L2 | L3 | L4 | L6 | SW | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|------|---------|
| 40.223 | 3/8" NPTF | 1/2" NPTF | 1/2" | 1.57 | 1.77 | 1.14 | 2.75 | 1.89 | 0.28 | 1.06 | 14.1 oz |

| | |
|--------|-----------------------------|
| 40.502 | Seal kit for NW 1/4" |
| 40.503 | Seal kit for NW 3/8" + 1/2" |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free



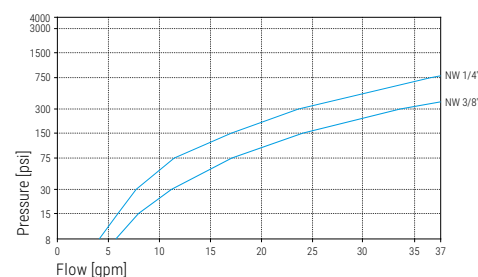
Application

Ceiling boom, high pressure hose reels, high pressure cleaner

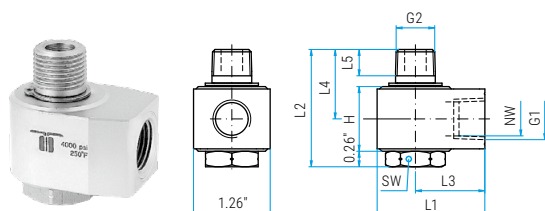
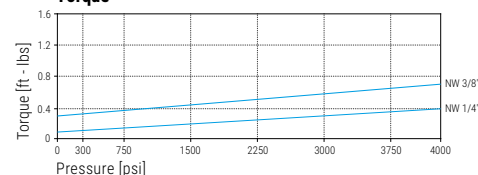
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | see chart (max. RPM) |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | WDB: sliding bearing WDBL: 2x radial ball bearings WDBS: 2x radial ball bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



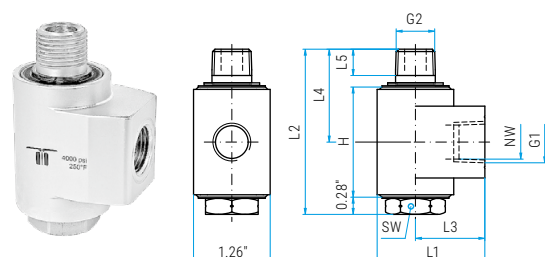
Torque



WDB

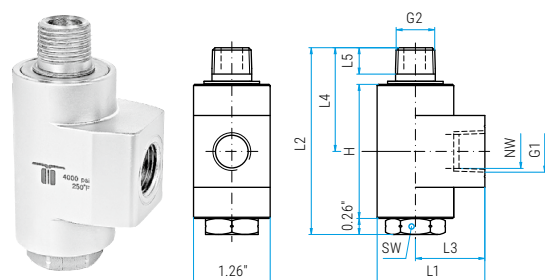
| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | SW | max. RPM | Weight |
|----------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.251 | 1/4" NPTF | 1/4" NPTM | 1/4" | 1.06 | 1.77 | 1.89 | 1.14 | 1.10 | 0.39 | 0.87 | 30 | 10.0 oz |
| 43.252 | 3/8" NPTF | 3/8" NPTM | 3/8" | 1.06 | 1.77 | 1.93 | 1.14 | 1.14 | 0.43 | 0.87 | 30 | 9.2 oz |
| 43.259* | 3/8" NPTF | G1/4" M | 1/4" | 1.06 | 1.77 | 1.77 | 1.14 | 0.98 | 0.43 | 0.87 | 30 | 9.6 oz |
| 43.905 | 1/8" NPTF | 1/8" NPTF | 1/4" | 1.06 | 1.77 | 0.87 | 1.14 | 0.62 | - | 0.87 | 30 | 10.0 oz |

* without snap ring, for Mosmatic ceiling boom



WDBL (with radial ball bearings)

| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | SW | max. RPM | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.262 | 3/8" NPTF | 3/8" NPTM | 3/8" | 1.81 | 1.77 | 2.72 | 1.14 | 1.53 | 0.43 | 0.87 | 200 | 15.7 oz |



WDBS (with radial ball bearings and protection plate)

| Part No. | G1 (F) | G2 (M) | NW | H | L1 | L2 | L3 | L4 | L5 | SW | max. RPM | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.272 | 3/8" NPTF | 3/8" NPTM | 3/8" | 2.20 | 1.77 | 3.07 | 1.14 | 1.70 | 0.43 | 0.87 | 200 | 18.5 oz |

| | |
|---------------|----------|
| 43.904 | Seal kit |
|---------------|----------|

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free

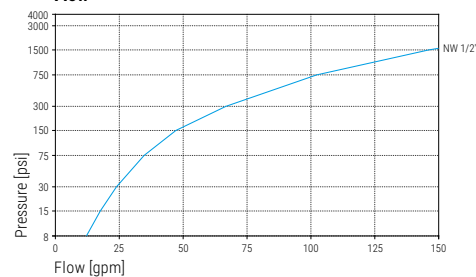
Application

High pressure hose reels, ceiling booms, high pressure cleaners

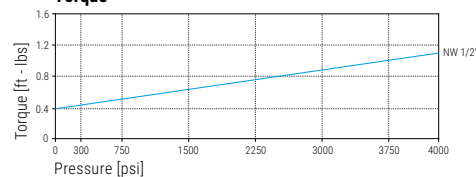
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | see chart (max. RPM) |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | WDC: sliding bearing WDCL: 2x radial ball bearings WDCS: 2x radial ball bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow



Torque



WDC

| Part No. | G1 (F) | G2 | NW | H | L1 | L2 | L3 | L4 | L5 | SW1 | max. RPM | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.353 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.34 | 1.77 | 1.14 | 2.40 | 1.73 | 0.59 | 0.87 | 30 | 11.5 oz |
| 43.354 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.34 | 1.77 | 1.14 | 2.40 | 1.73 | 0.59 | 0.87 | 30 | 11.7 oz |

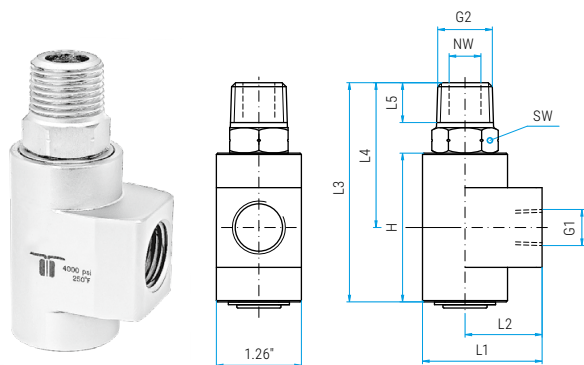
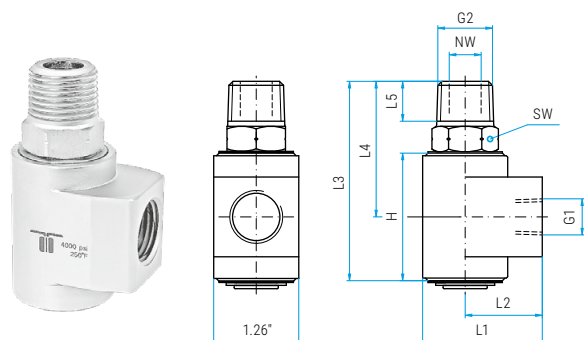
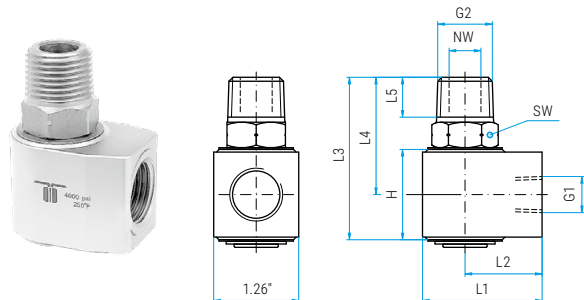
WDCL (with radial ball bearings)

| Part No. | G1 (F) | G2 | NW | H | L1 | L2 | L3 | L4 | L5 | SW1 | max. RPM | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.363 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.81 | 1.77 | 1.14 | 2.87 | 1.97 | 0.59 | 0.87 | 200 | 15.3 oz |
| 43.364 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.81 | 1.77 | 1.14 | 2.87 | 1.97 | 0.59 | 0.87 | 200 | 15.5 oz |

WDCS (with radial ball bearings and protection plate)

| Part No. | G1 (F) | G2 | NW | H | L1 | L2 | L3 | L4 | L5 | SW1 | max. RPM | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 43.373 | 1/2" NPTF | 1/2" NPTM | 1/2" | 2.20 | 1.77 | 1.14 | 3.24 | 2.15 | 0.59 | 0.87 | 200 | 16.0 oz |
| 43.374 | 1/2" NPTF | 1/2" NPTF | 1/2" | 2.20 | 1.77 | 1.14 | 3.24 | 2.15 | 0.59 | 0.87 | 200 | 16.2 oz |

43.904 Seal kit



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Complete stainless steel
- ✓ Maintenance free
- ✓ Compact design
- ✓ Sliding bearing system

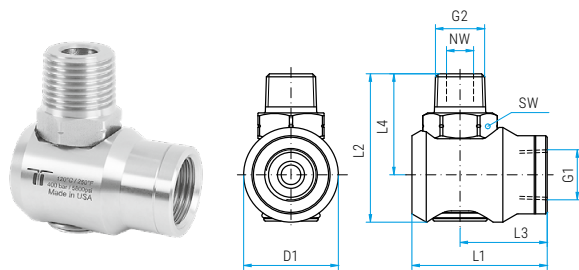
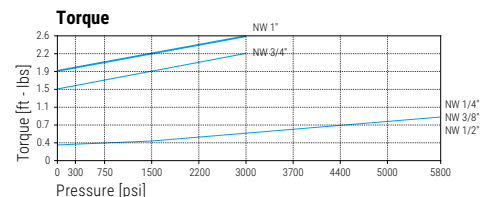
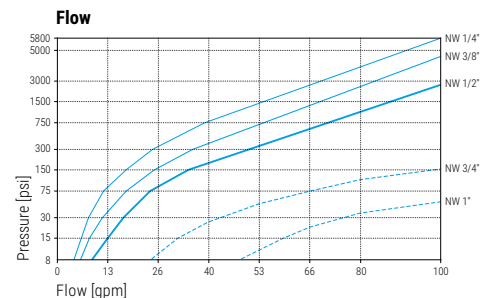


Application

Hose reels

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 5800 psi (40 MPa) 3000 psi (20 MPa)* 725 psi (5 MPa) |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Torque | max. 37 ft-lbs |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | sliding bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



WDEI (725-5800 psi)

| Part No. | Box Part No. | G1 (F) | G2 (M) | NW | L1 | L2 | L3 | L4 | D1 | SW | Box | Weight |
|----------|--------------|-----------|-----------|------|------|------|------|------|------|------|---------|---------|
| 43.461 | 43.461B | 1/4" NPTF | 1/4" NPTM | 1/4" | 1.77 | 1.89 | 1.14 | 1.30 | 1.25 | 0.87 | 25 pcs. | 8.5 oz |
| 43.462 | 43.462B | 3/8" NPTF | 3/8" NPTM | 3/8" | 1.77 | 1.93 | 1.14 | 1.34 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.463 | 43.463B | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.97 | 2.09 | 1.34 | 1.50 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.464* | 43.464B* | 3/4" NPTF | 3/4" NPTM | 3/4" | 2.95 | 3.15 | 1.89 | 2.13 | 2.00 | 1.42 | 10 pcs. | 27.5 oz |
| 43.465* | 43.465B* | 1" NPTF | 1" NPTM | 1" | 3.35 | 3.54 | 2.17 | 2.36 | 2.35 | 1.61 | 10 pcs. | 37.7 oz |

* 3000 psi

WDEI LP (725 psi)

| Part No. | Box Part No. | G1 (F) | G2 (M) | NW | L1 | L2 | L3 | L4 | D1 | SW | Box | Weight |
|----------|--------------|-----------|-----------|------|------|------|------|------|------|------|---------|---------|
| 43.481 | 43.481B | 1/4" NPTF | 1/4" NPTM | 1/4" | 1.77 | 1.89 | 1.14 | 1.30 | 1.25 | 0.87 | 25 pcs. | 8.5 oz |
| 43.482 | 43.482B | 3/8" NPTF | 3/8" NPTM | 3/8" | 1.77 | 1.93 | 1.14 | 1.34 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.483 | 43.483B | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.97 | 2.09 | 1.34 | 1.50 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.484 | 43.484B | 3/4" NPTF | 3/4" NPTM | 3/4" | 2.95 | 3.15 | 1.89 | 2.13 | 2.00 | 1.42 | 10 pcs. | 27.5 oz |
| 43.485 | 43.485B | 1" NPTF | 1" NPTM | 1" | 3.35 | 3.54 | 2.17 | 2.36 | 2.35 | 1.61 | 10 pcs. | 37.7 oz |

WDEI (725-5800 psi)

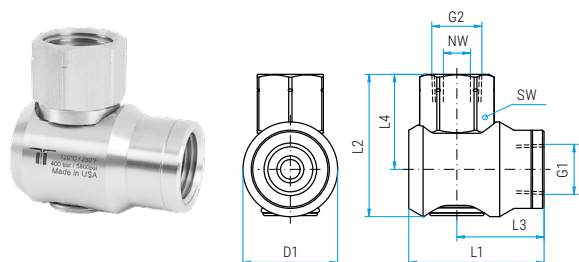
| Part No. | Box Part No. | G1 (F) | G2 (F) | NW | L1 | L2 | L3 | L4 | D1 | SW | Box | Weight |
|----------|--------------|-----------|-----------|------|------|------|------|------|------|------|---------|---------|
| 43.471 | 43.471B | 1/4" NPTF | 1/4" NPTF | 1/4" | 1.77 | 1.81 | 1.14 | 1.22 | 1.25 | 0.87 | 25 pcs. | 8.8 oz |
| 43.472 | 43.472B | 3/8" NPTF | 3/8" NPTF | 3/8" | 1.77 | 1.85 | 1.14 | 1.26 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.473 | 43.473B | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.97 | 1.97 | 1.34 | 1.38 | 1.25 | 0.94 | 25 pcs. | 7.0 oz |
| 43.474* | 43.474B* | 3/4" NPTF | 3/4" NPTF | 3/4" | 2.95 | 2.76 | 1.89 | 1.73 | 2.00 | 1.42 | 10 pcs. | 29.6 oz |
| 43.475* | 43.475B* | 1" NPTF | 1" NPTF | 1" | 3.35 | 3.07 | 2.17 | 1.89 | 2.35 | 1.61 | 10 pcs. | 39.5 oz |

* 3000 psi

WDEI LP (725 psi)

| Part No. | Box Part No. | G1 (F) | G2 (F) | NW | L1 | L2 | L3 | L4 | D1 | SW | Box | Weight |
|----------|--------------|-----------|-----------|------|------|------|------|------|------|------|---------|---------|
| 43.491 | 43.491B | 1/4" NPTF | 1/4" NPTF | 1/4" | 1.77 | 1.81 | 1.14 | 1.22 | 1.25 | 0.87 | 25 pcs. | 8.8 oz |
| 43.492 | 43.492B | 3/8" NPTF | 3/8" NPTF | 3/8" | 1.77 | 1.85 | 1.14 | 1.26 | 1.25 | 0.87 | 25 pcs. | 7.8 oz |
| 43.493 | 43.493B | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.97 | 1.97 | 1.34 | 1.38 | 1.25 | 0.94 | 25 pcs. | 7.0 oz |
| 43.494 | 43.494B | 3/4" NPTF | 3/4" NPTF | 3/4" | 2.95 | 2.76 | 1.89 | 1.73 | 2.00 | 1.42 | 10 pcs. | 29.6 oz |
| 43.495 | 43.495B | 1" NPTF | 1" NPTF | 1" | 3.35 | 3.07 | 2.17 | 1.89 | 2.35 | 1.61 | 10 pcs. | 39.5 oz |

| | |
|--------|--------------------------|
| 43.922 | Seal kit NW 1/4"-1/2" |
| 43.930 | Seal kit NW 3/4" |
| 43.931 | Seal kit NW 1" |
| 43.934 | Seal kit LP NW 1/4"-1/2" |
| 43.935 | Seal kit LP NW 3/4" |
| 43.936 | Seal kit LP NW 1" |



Example of an OEM-box which includes 25 swivels.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Dual bearing system
- ✓ Complete stainless steel construction
- ✓ Rugged design
- ✓ Maintenance free



Application

Automatic car wash, industrial application, high pressure hose reels, high flow

TECHNICAL DATA

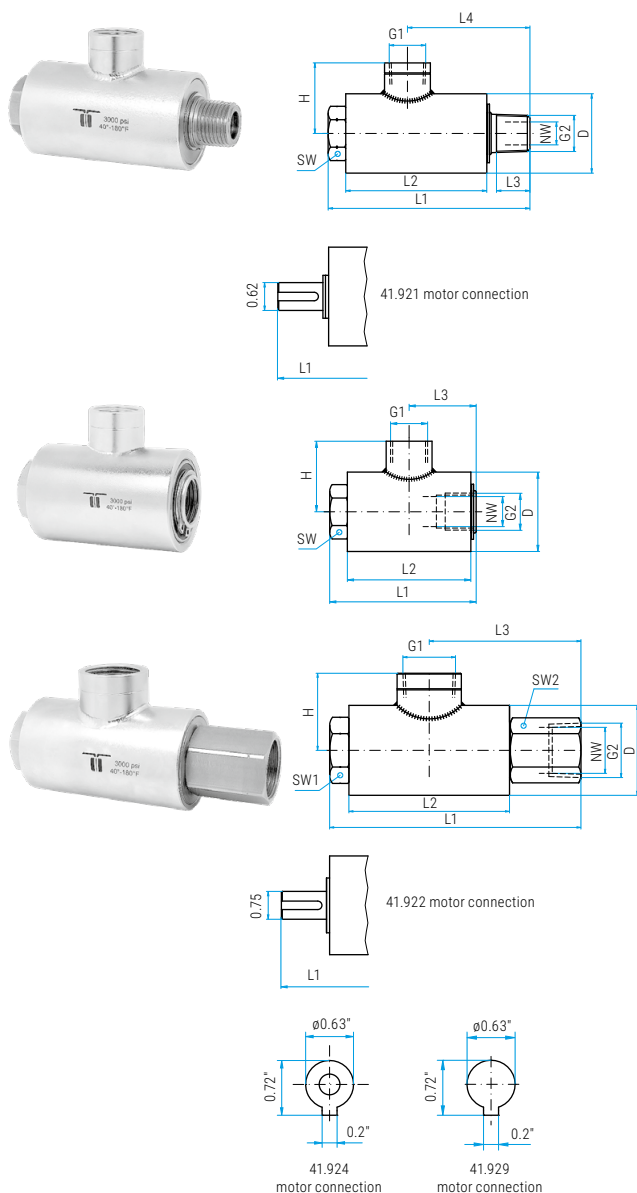
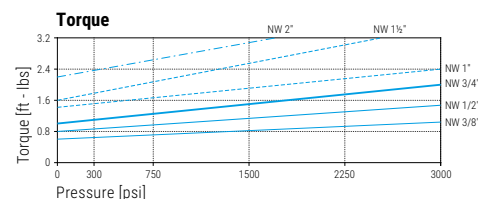
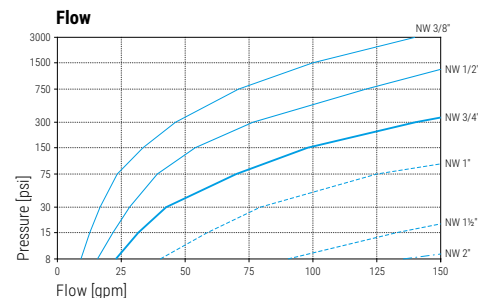
Pressure 150-3000 psi (1-20 MPa)
Temperature 40°F - 180°F
RPM see chart (max. RPM)

Body stainless steel

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

Bearing 2x radial ball bearings

Throughput medium pH 3 - 12
 filtered 10 microns
 compressed air (290 psi)



WDRS (no front to back forces allowed)

| Part No. | G1 (F) | G2 (M) | NW | SW | H | L1 | L2 | L3 | L4 | D | max. RPM | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|------|------|----------|----------|
| 41.161 | 3/8" NPTF | 3/8" NPTM | 3/8" | 1.06 | 1.46 | 4.13 | 3.15 | 0.43 | 2.20 | 1.77 | 150 | 27.0 oz |
| 41.261 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.06 | 1.57 | 4.33 | 3.15 | 0.60 | 2.36 | 1.77 | 150 | 28.0 oz |
| 41.361 | 3/4" NPTF | 3/4" NPTM | 3/4" | 1.26 | 1.69 | 4.80 | 3.54 | 0.63 | 2.64 | 1.97 | 130 | 35.0 oz |
| 41.461 | 1" NPTF | 1" NPTM | 1" | 1.42 | 1.89 | 5.35 | 3.94 | 0.71 | 2.91 | 2.20 | 110 | 48.0 oz |
| 41.561 | 1 1/2" NPTF | 1 1/2" NPTM | 1 1/2" | 2.17 | 2.36 | 5.91 | 4.33 | 0.79 | 3.27 | 2.80 | 76 | 76.0 oz |
| 41.661 | 2" NPTF | 2" NPTM | 2" | 2.76 | 2.76 | 7.09 | 5.28 | 0.87 | 3.82 | 3.54 | 60 | 106.0 oz |

WDRS (with motor connection)

| Part No. | G1 (F) | G2 (M) | NW | SW | H | L1 | L2 | L3 | L4 | D | max. RPM | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|------|----------|---------|
| 41.920 | 1/2" NPTF | 1/2" NPTM | 1/2" | 1.06 | 1.57 | 6.10 | 2.76 | 0.60 | 3.31 | 1.77 | 150 | 33.3 oz |
| 41.921 | 1/2" NPTF | 1/2" NPTM | 1/2" | 0.75 | 1.57 | 6.10 | 3.15 | 0.60 | 3.31 | 1.77 | 150 | 35.6 oz |

WDRS (no front to back forces allowed)

| Part No. | G1 (F) | G2 (F) | NW | SW | H | L1 | L2 | L3 | D | max. RPM | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|----------|---------|
| 41.162 | 3/8" NPTF | 3/8" NPTF | 3/8" | 1.06 | 1.46 | 3.62 | 3.15 | 1.69 | 1.77 | 150 | 27.5 oz |
| 41.262 | 1/2" NPTF | 1/2" NPTF | 1/2" | 1.06 | 1.57 | 3.62 | 3.15 | 1.69 | 1.77 | 150 | 27.5 oz |

WDRS (no front to back forces allowed)

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | H | L1 | L2 | L3 | D1 | max. RPM | Weight |
|----------|-------------|-------------|--------|------|------|------|------|------|------|------|----------|----------|
| 41.362 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 1.26 | 1.69 | 5.51 | 3.54 | 3.35 | 1.97 | 130 | 36.0 oz |
| 41.462 | 1" NPTF | 1" NPTF | 1" | 1.42 | 1.42 | 1.89 | 6.16 | 3.94 | 3.72 | 2.20 | 110 | 49.0 oz |
| 41.562 | 1 1/2" NPTF | 1 1/2" NPTF | 1 1/2" | 2.17 | 2.17 | 2.36 | 6.77 | 4.33 | 3.90 | 2.80 | 76 | 77.0 oz |
| 41.662 | 2" NPTF | 2" NPTF | 2" | 2.76 | 2.76 | 2.76 | 7.99 | 5.28 | 4.10 | 3.54 | 60 | 107.0 oz |

WDRS (with motor connection)

| Part No. | G1 (F) | G2 (F) | NW | SW | H | L1 | L2 | L4 | D1 | max. RPM | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|------|----------|---------|
| 41.922 | 3/4" NPTF | 3/4" NPTF | 3/4" | 1.26 | 1.69 | 6.39 | 3.54 | 3.33 | 1.97 | 130 | 45.1 oz |

WDS (with motor connection, 1x radial ball bearings)

| Part No. | IN | OUT | NW | max. RPM | Weight |
|----------|---------|---------------------------|------|----------|----------|
| 40.924 | G3/8" F | 3x G1/4" F | 3/8" | 130 | 105.8 oz |
| 40.929 | G3/8" F | 2x 1/8" NPTF / 1x G1/4" F | 3/8" | 130 | 112.9 oz |

| | |
|--------|------------------------|
| 41.911 | Seal kit for NW 3/8" |
| 41.912 | Seal kit for NW 1/2" |
| 41.913 | Seal kit for NW 3/4" |
| 41.914 | Seal kit for NW 1" |
| 41.915 | Seal kit for NW 1 1/2" |
| 41.916 | Seal kit for NW 2" |

| | |
|--------|-------------------------------|
| 41.930 | Repair kit for NW 3/8" + 1/2" |
| 41.931 | Repair kit for NW 3/4" |
| 41.932 | Repair kit for NW 1" |
| 41.933 | Repair kit for NW 1 1/2" |
| 41.934 | Repair kit for NW 2" |

Repair kit includes seal and bearing set.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
 SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ High speed triple bearing system
- ✓ Corrosion resistant
- ✓ Solid construction
- ✓ Long service life
- ✓ Maintenance free

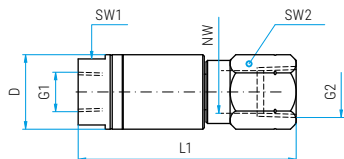
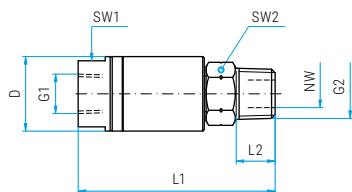
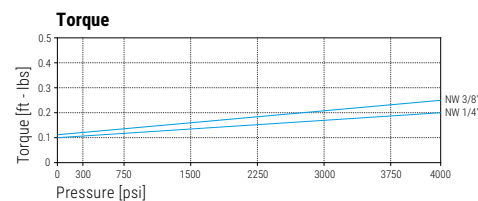
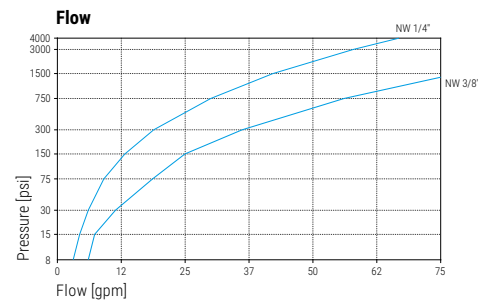


Application

Thrust and radial forces, high flow, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 90°F (at 1'000 rpm) 250°F (at 30 rpm) |
| RPM | max. 1'000 rpm |
| Body | DGL: brass, nickel plated DGLI: stainless steel |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGL DGLI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 31.051 | 31.945 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 2.55 | 0.43 | 0.98 | 5.7 oz |
| 31.053 | 31.947 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 2.59 | 0.47 | 0.98 | 5.7 oz |
| 31.153 | 31.902 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 2.59 | 0.47 | 0.98 | 5.8 oz |
| 31.163 | 31.943 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 2.59 | 0.47 | 0.98 | 5.7 oz |
| 31.653 | 31.949 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 0.75 | 2.63 | 0.47 | 0.98 | 5.5 oz |

| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | D | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|--------|
| 31.052 | 31.946 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 2.75 | 0.98 | 6.4 oz |
| 31.054 | 31.948 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 2.87 | 0.98 | 6.8 oz |
| 31.154 | 31.942 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 2.87 | 0.98 | 6.5 oz |
| 31.654 | 31.951 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 0.87 | 2.87 | 0.98 | 6.5 oz |

| | | |
|---------------|--|----------------------|
| 33.910 | | Seal kit for NW 1/4" |
|---------------|--|----------------------|

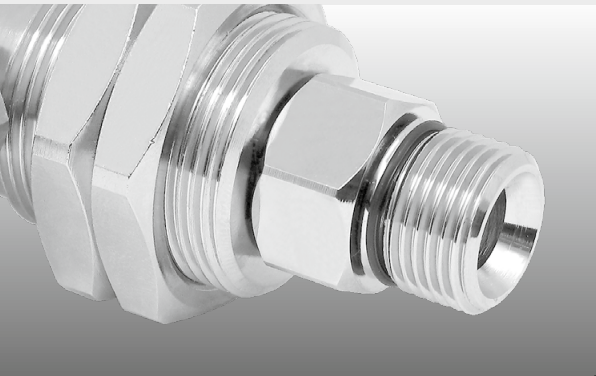
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ High speed, triple bearing system
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free

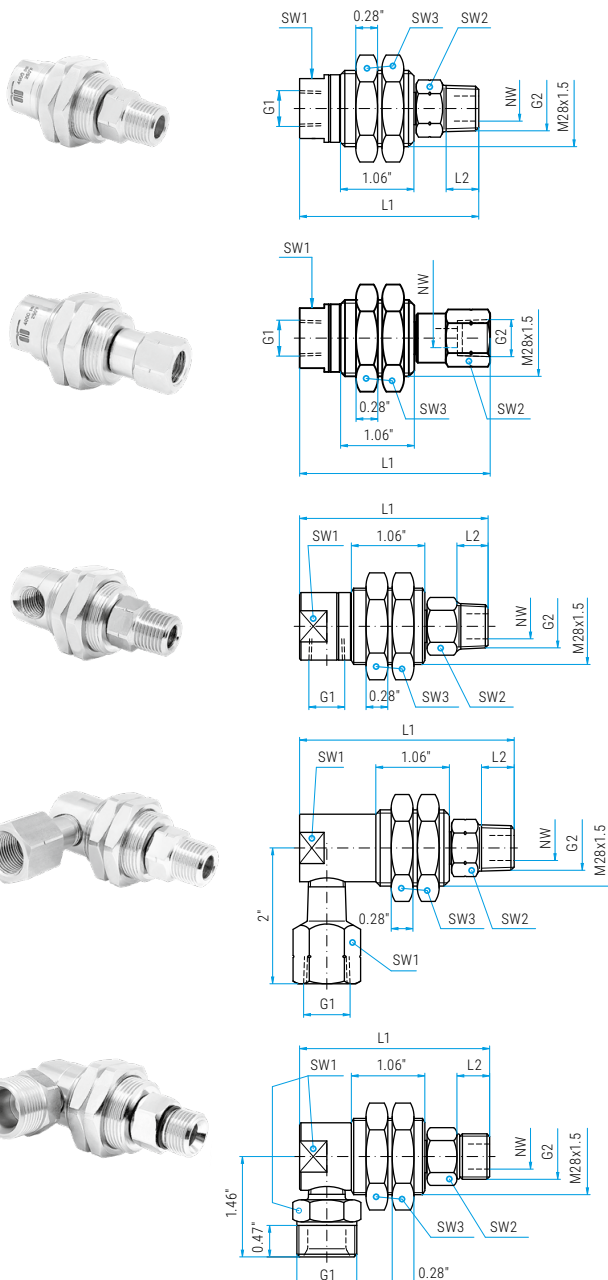
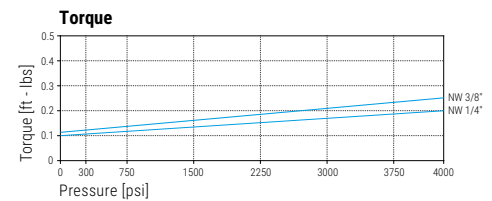
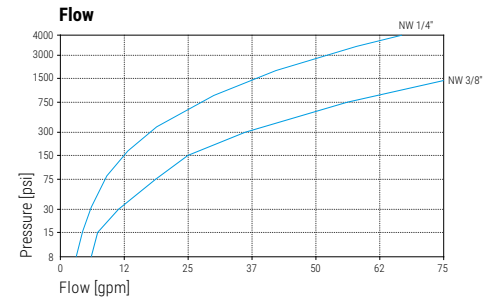


Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 90°F (at 1'000 rpm) 250°F (at 30 rpm) |
| RPM | max. 1'000 rpm |
| Body | DGG: brass, nickel plated DGGI: stainless steel |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGG DGGI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|-------|------|------|--------|
| 33.051 | 33.924 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 2.71 | 0.43 | 8.5 oz |
| 33.053 | 33.925 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 2.75 | 0.47 | 7.4 oz |
| 33.063 | 33.907 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 2.59 | 0.39 | 8.7 oz |
| 33.151 | 33.927 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 2.55 | 0.43 | 7.4 oz |
| 33.153 | 33.928 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 2.59 | 0.47 | 8.5 oz |
| 33.163 | 33.929 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 2.59 | 0.39 | 8.4 oz |
| 33.653 | 33.930 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 0.75 | 1.34* | 2.63 | 0.47 | 7.6 oz |

* at DGGI: 1.42"

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | SW3 | L1 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|--------|
| 33.052 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34 | 2.75 | 7.4 oz |
| 33.054 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34 | 2.87 | 8.5 oz |
| 33.152 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34 | 2.75 | 8.7 oz |
| 33.154 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34 | 2.87 | 8.8 oz |

DGG 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 33.351 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34 | 2.71 | 0.43 | 7.8 oz |
| 33.353 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34 | 2.75 | 0.47 | 8.5 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|---------|
| 33.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34 | 2.75 | 0.47 | 10.7 oz |
| 33.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 2.75 | 0.39 | 12.1 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|---------|
| 33.503 | M21x1.5 M | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 2.76 | 0.47 | 10.4 oz |
| 33.553 | M22x1.5 M | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 2.76 | 0.47 | 11.7 oz |

| | |
|---------------|----------------------|
| 33.910 | Seal kit for NW 1/4" |
|---------------|----------------------|

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

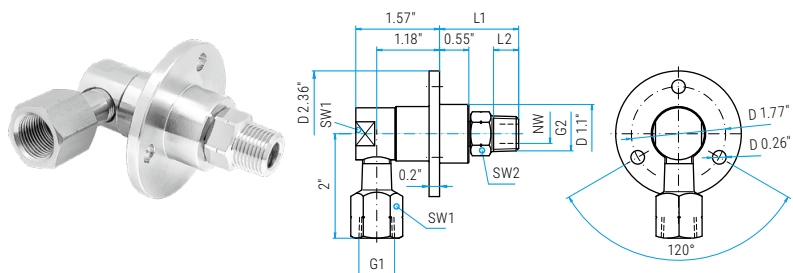
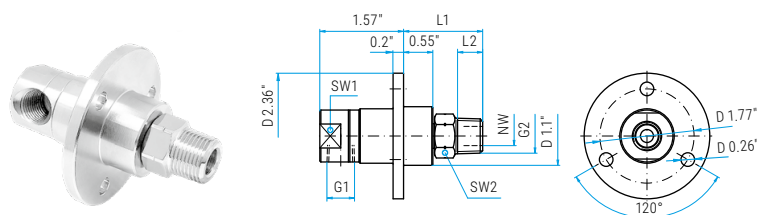
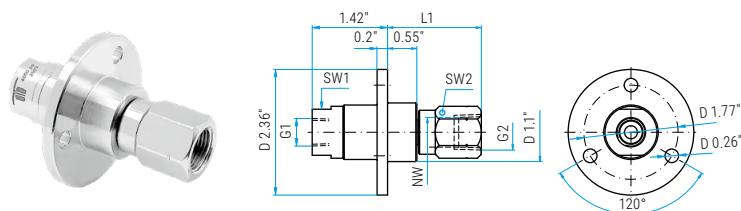
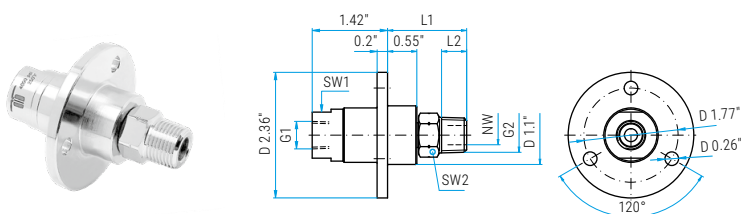
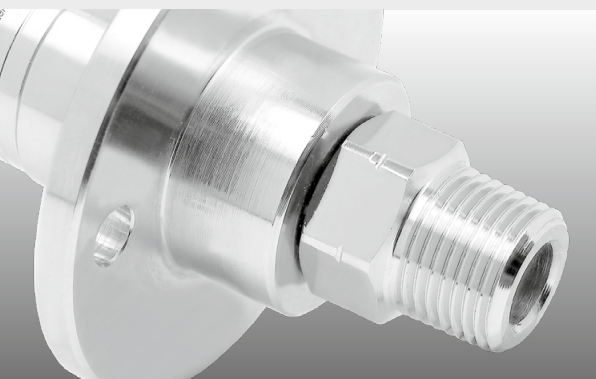
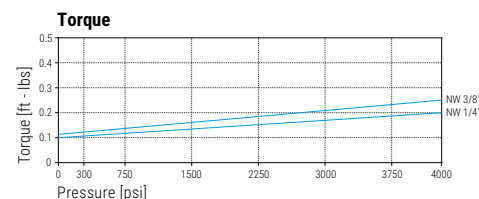
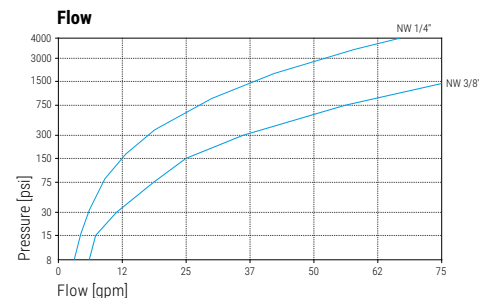
- ✓ High speed, triple bearing system
- ✓ Body design for easy installation
- ✓ Maintenance free
- ✓ Highest precision and quality

Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 90°F (at 1'000 rpm) 250°F (at 30 rpm) max. 1'000 rpm |
| RPM | |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DGF

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|----------|-----------|-----------|------|------|------|------|------|---------|
| 35.051 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 10.4 oz |
| 35.053 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 11.0 oz |
| 35.063 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 12.0 oz |
| 35.151 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 11.0 oz |
| 35.153 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 10.4 oz |
| 35.163 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 11.6 oz |
| 35.653 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 0.75 | 1.49 | 0.47 | 11.3 oz |

| Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | Weight |
|----------|-----------|-----------|------|------|------|------|---------|
| 35.052 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 11.0 oz |
| 35.054 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 11.0 oz |
| 35.152 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 11.0 oz |
| 35.154 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 11.0 oz |

DGF 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|----------|-----------|-----------|------|------|------|------|------|---------|
| 35.351 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 13.0 oz |
| 35.353 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 13.0 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|----------|-----------|-----------|------|------|------|------|------|---------|
| 35.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 15.0 oz |
| 35.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 12.9 oz |

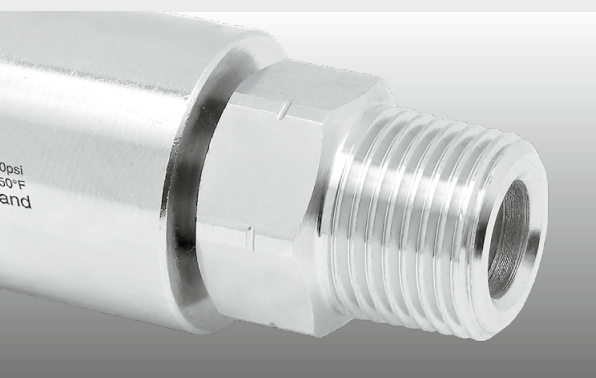
Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ High speed, triple bearing systems
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free

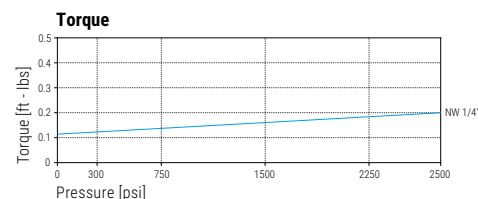
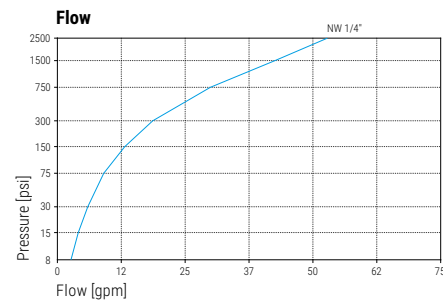


Application

High pressure cleaning technology, parts washers, tire cleaners, high rpm

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 2500 psi (17 MPa) |
| Temperature | 40°F - 250°F |
| RPM | max. 2'000 rpm |
| Body | DXL: brass, nickel plated DXLI: stainless steel |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DXL

DXLI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 36.051 | 36.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.10 | 0.43 | 0.98 | 6.7 oz |
| 36.053 | 36.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.14 | 0.47 | 0.98 | 7.2 oz |
| 36.063 | 36.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.14 | 0.39 | 0.98 | 6.5 oz |
| 36.151 | 36.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.10 | 0.43 | 0.98 | 6.5 oz |
| 36.153 | 36.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.14 | 0.47 | 0.98 | 6.8 oz |
| 36.163 | 36.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.14 | 0.39 | 0.98 | 6.7 oz |

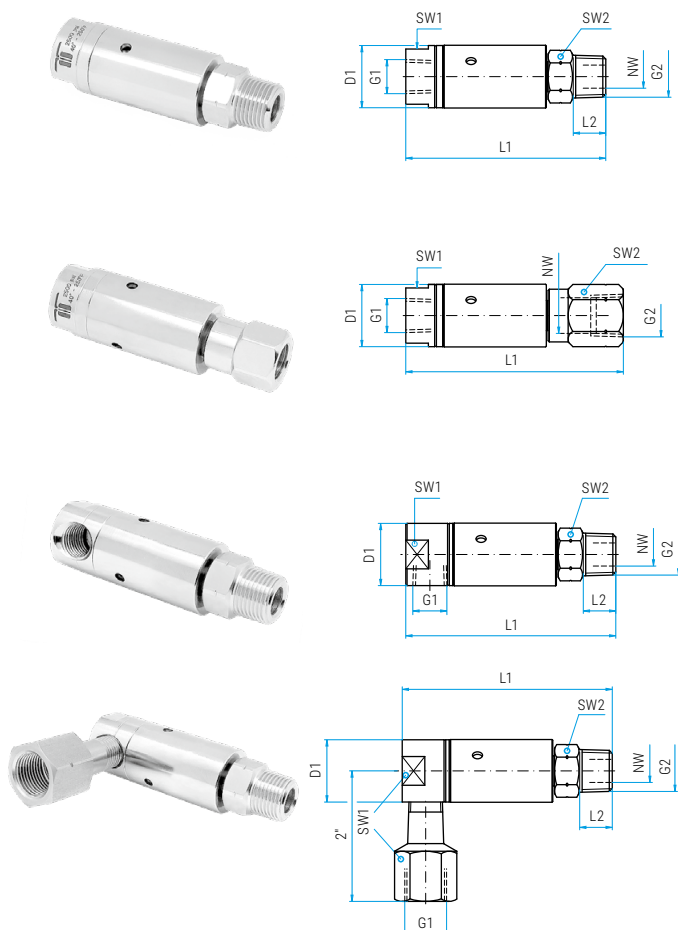
| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|--------|
| 36.052 | 36.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 3.30 | 0.98 | 7.5 oz |
| 36.054 | 36.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 3.42 | 0.98 | 7.8 oz |
| 36.152 | 36.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 3.30 | 0.98 | 6.7 oz |
| 36.154 | 36.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 3.42 | 0.98 | 7.5 oz |

DXL 90° DXLI 90°

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 36.351 | 36.356 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.25 | 0.43 | 0.98 | 7.1 oz |
| 36.353 | 36.358 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.30 | 0.47 | 0.98 | 7.1 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 36.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.30 | 0.47 | 0.98 | 8.5 oz |
| 36.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.30 | 0.39 | 0.98 | 9.5 oz |

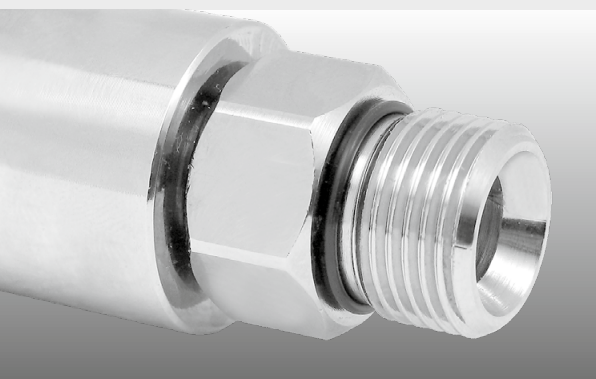
| | |
|---------------|---------------------|
| 36.901 | Seal kit |
| 36.903 | Seal kit + adhesive |



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ For Steam
- ✓ High speed, triple bearing systems
- ✓ Flange for easy installation
- ✓ Seal failure warning through weep holes

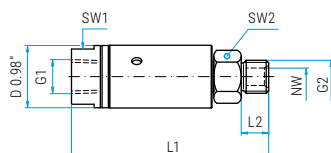
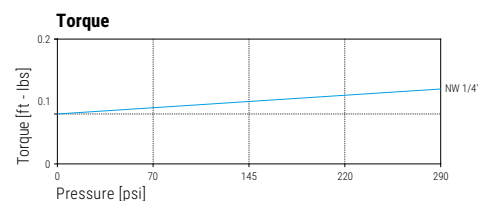


Application

Steam cleaner, self rotating applications

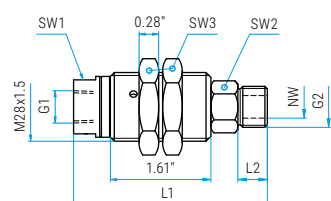
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 300 psi (2 MPa) |
| Temperature | 350°F |
| RPM | max. 1'000 rpm |
| Body | brass, nickel plated |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | 2x radial ball bearings 1x thrust ball bearings |
| Throughput medium | Steam pH 3 - 12 |



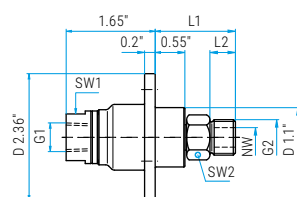
DXLS

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|--------|
| 36.093 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.15 | 0.47 | 7.2 oz |
| 36.193 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.15 | 0.47 | 7.8 oz |



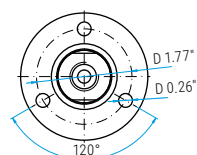
DXGS

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|---------|
| 37.093 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 3.15 | 0.47 | 10.2 oz |
| 37.193 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 3.15 | 0.47 | 7.8 oz |



DXFS

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|---------|
| 38.093 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.50 | 0.47 | 13.9 oz |
| 38.193 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.50 | 0.47 | 10.4 oz |

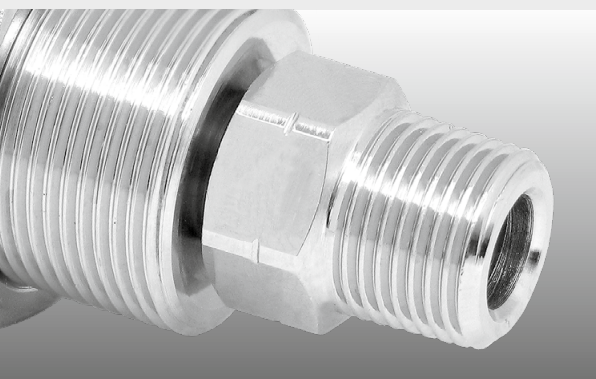


| | |
|---------------|----------------------|
| 36.913 | Seal kit for NW 1/4" |
|---------------|----------------------|

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ High speed, triple bearing systems
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free

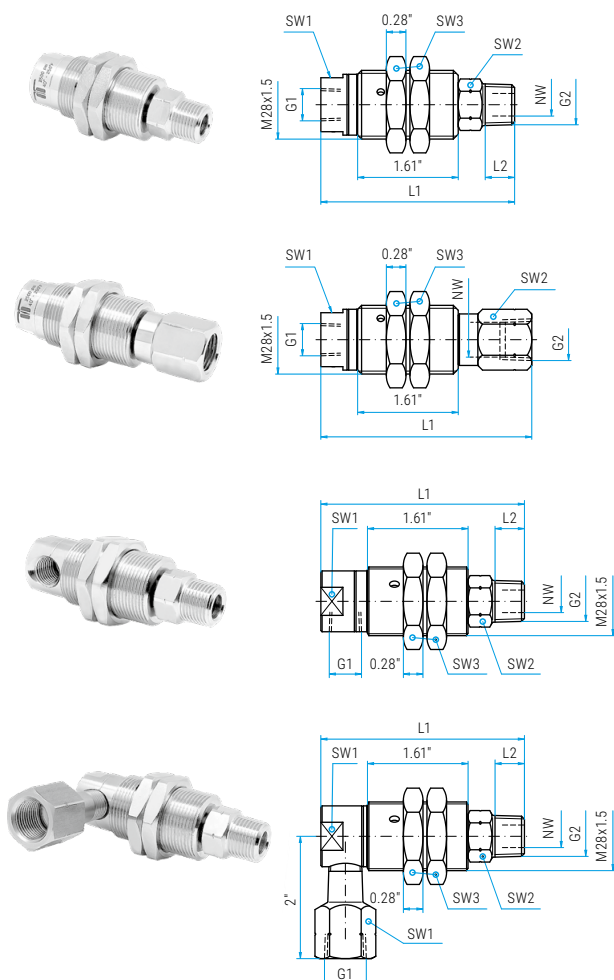
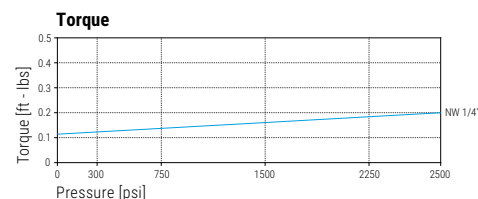
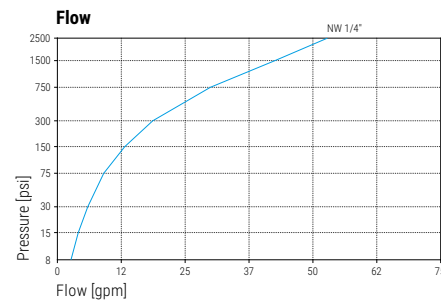


Application

Surface cleaners, parts washers, tire cleaners, high rpm, self rotating applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 2500 psi (17 MPa) |
| Temperature | 40°F - 250°F |
| RPM | max. 2'000 rpm |
| Body | DXG: brass, nickel plated DXGI: stainless steel |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DXG DXGI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|-------|------|------|---------|
| 37.051 | 37.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.10 | 0.43 | 9.9 oz |
| 37.053 | 37.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.47 | 10.2 oz |
| 37.063 | 37.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.39 | 10.0 oz |
| 37.151 | 37.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.10 | 0.43 | 9.6 oz |
| 37.153 | 37.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.47 | 9.8 oz |
| 37.163 | 37.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.39 | 9.7 oz |

| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | SW3 | L1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|-------|------|--------|
| 37.052 | 37.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 7.8 oz |
| 37.054 | 37.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34* | 3.42 | 7.8 oz |
| 37.152 | 37.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 7.5 oz |
| 37.154 | 37.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34* | 3.42 | 7.5 oz |

* at DXGI: 1.42"

DXG 90° DXGI 90°

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|-------|------|------|--------|
| 37.351 | 37.356 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.26 | 0.43 | 9.6 oz |
| 37.353 | 37.358 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 0.47 | 9.9 oz |

* at DXGI: 1.42"

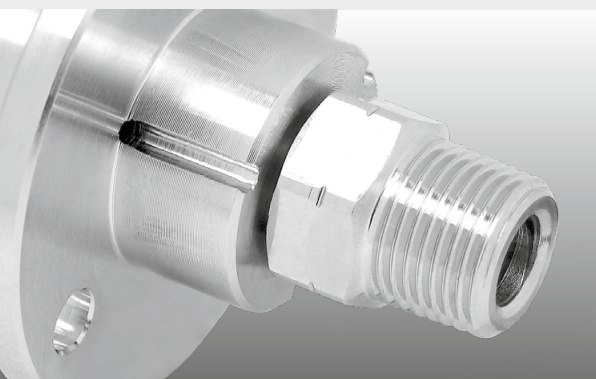
| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|---------|
| 37.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34 | 3.30 | 0.47 | 13.6 oz |
| 37.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 3.30 | 0.39 | 13.4 oz |

| | |
|---------------|---------------------|
| 36.901 | Seal kit |
| 36.903 | Seal kit + adhesive |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Ceramic seals

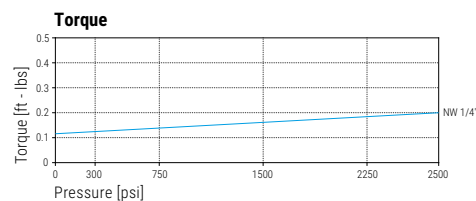
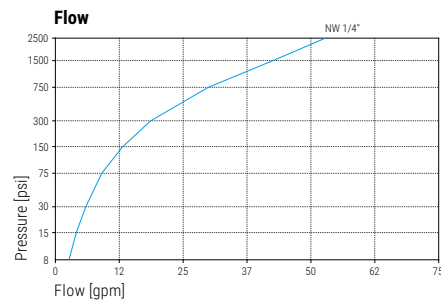


Application

High rpm, self rotating applications, surface cleaners, parts washers, tire cleaners

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 2500 psi (17 MPa) |
| Temperature | 40°F - 250°F |
| RPM | max. 2'000 rpm |
| Body | DXF: brass, nickel plated DXFI: stainless steel |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DXF DXFI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|---------|
| 38.051 | 38.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 12.1 oz |
| 38.053 | 38.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 13.9 oz |
| 38.063 | 38.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 13.0 oz |
| 38.151 | 38.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 11.7 oz |
| 38.153 | 38.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 13.5 oz |
| 38.163 | 38.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 12.7 oz |

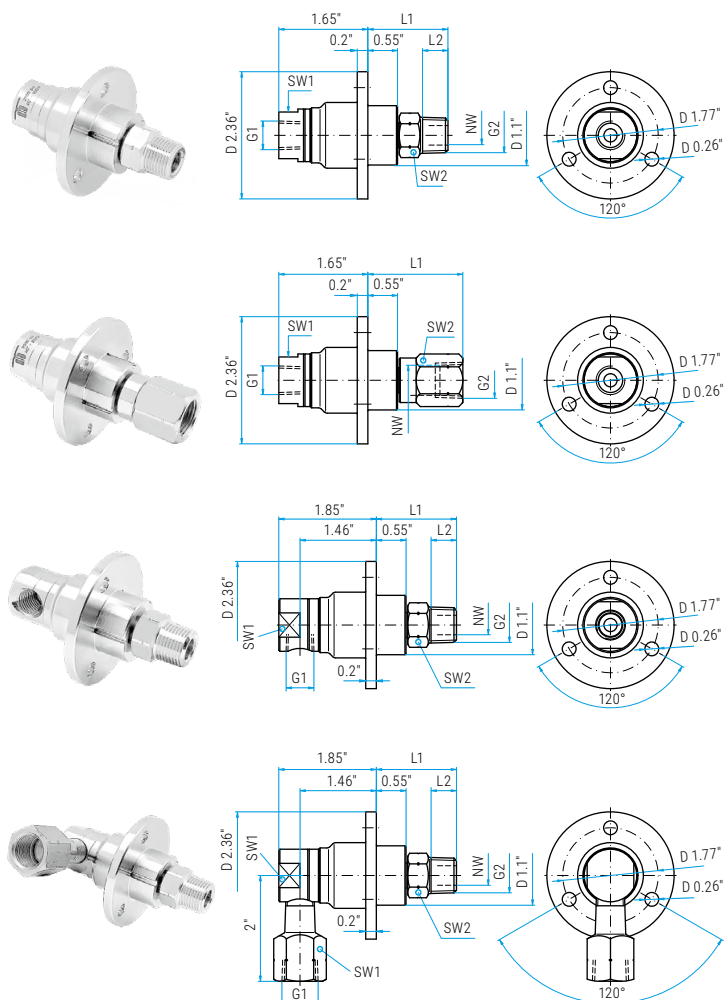
| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|---------|
| 38.052 | 38.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 10.0 oz |
| 38.054 | 38.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 10.4 oz |
| 38.152 | 38.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 9.6 oz |
| 38.154 | 38.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 10.0 oz |

DXF 90° DXFI 90°

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|---------|
| 38.351 | 38.356 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 12.5 oz |
| 38.353 | 38.358 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 14.2 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|---------|
| 38.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 17.8 oz |
| 38.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 15.7 oz |

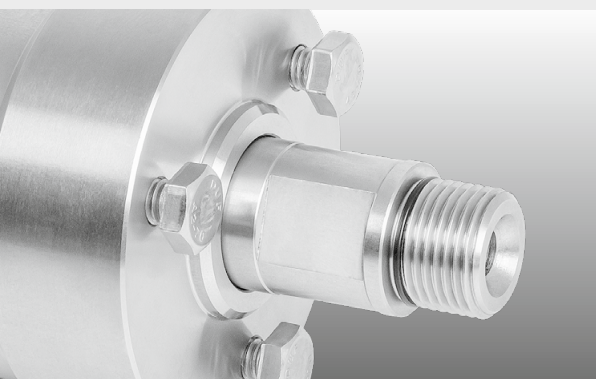
| | |
|---------------|---------------------|
| 36.901 | Seal kit |
| 36.903 | Seal kit + adhesive |



Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Quadruple bearing system
- ✓ Highest quality and precision
- ✓ Very low torque
- ✓ Maintenance free
- ✓ Side connection for weep capture
- ✓ Complete stainless steel construction

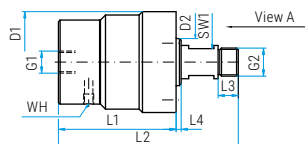
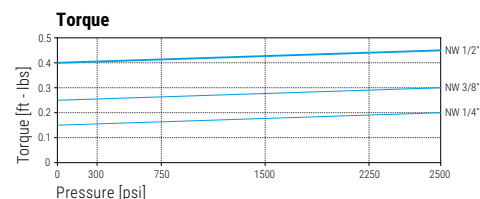
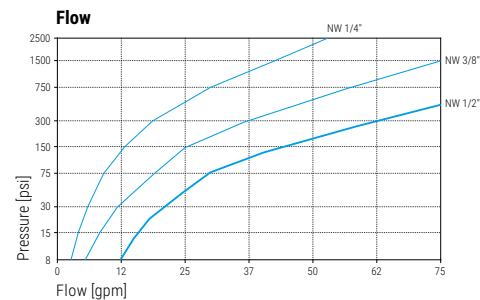


Application

High rpm, high pressure, self rotating applications, parts washers, tire cleaners, HP cleaning technology

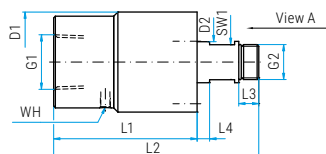
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 2500 psi (17 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | 2x radial ball bearings 2x thrust ball bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DXTI

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | L4 | D1 | D2 | TK | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|------|---------|
| 39.063 | 1/4"NPT F | G3/8" M | 1/4" | 0.64 | 2.76 | 4.28 | 0.48 | 0.12 | 2.40 | 1.12 | 1.77 | 45.5 oz |
| 39.663 | 3/8"NPT F | G3/8" M | 3/8" | 0.64 | 2.88 | 4.36 | 0.48 | 0.12 | 2.40 | 1.12 | 1.77 | 45.2 oz |

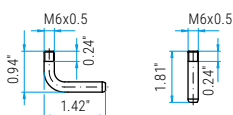


DXTI

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | D1 | D2 | TK | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|---------|
| 39.865 | 1/2"NPT F | G1/2" M | 1/2" | 0.84 | 3.44 | 4.92 | 0.48 | 2.40 | 1.12 | 1.97 | 59.0 oz |
| 39.907 | 3/4"NPT F | G1/2" M | 1/2" | 0.84 | 3.44 | 4.92 | 0.48 | 2.40 | 1.12 | 1.97 | 57.9 oz |
| 39.905 | 1"NPT F | G1/2" M | 1/2" | 0.84 | 3.44 | 4.92 | 0.48 | 2.40 | 1.12 | 1.97 | 55.9 oz |

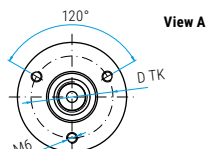
WH (weep hole)

Optional: Pipes for weep hole



Part No. 902.745

Part No. 902.765

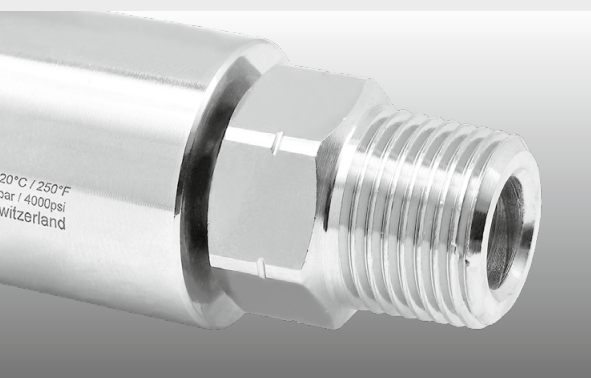


| | |
|---------------|----------------------|
| 36.901 | Seak kit for NW 1/4" |
| 36.914 | Seak kit for NW 3/8" |
| 36.915 | Seak kit for NW 1/2" |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Triple bearing system
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free
- ✓ Carbide seals

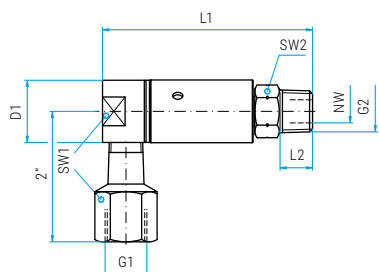
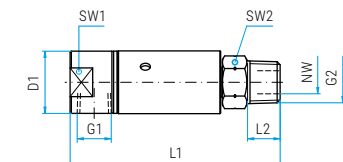
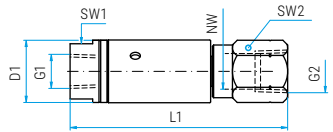
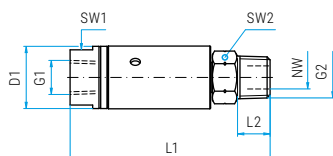
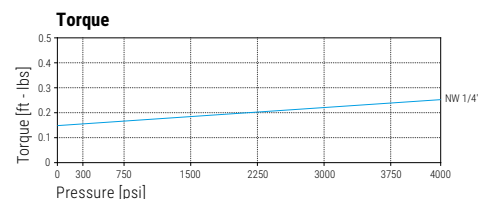
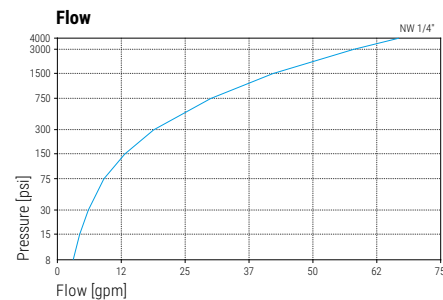


Application

High pressure cleaning technology, parts washers, tire cleaners, high speed

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | DYL: brass, nickel plated DYL: stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DYL DYLI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 56.051 | 56.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.10 | 0.43 | 0.98 | 7.5 oz |
| 56.053 | 56.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.14 | 0.47 | 0.98 | 7.5 oz |
| 56.063 | 56.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.14 | 0.39 | 0.98 | 7.6 oz |
| 56.151 | 56.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.10 | 0.43 | 0.98 | 7.5 oz |
| 56.153 | 56.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.14 | 0.47 | 0.98 | 7.5 oz |
| 56.163 | 56.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.14 | 0.39 | 0.98 | 7.2 oz |

| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|--------|
| 56.052 | 56.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 3.30 | 0.98 | 8.2 oz |
| 56.054 | 56.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 3.42 | 0.98 | 8.2 oz |
| 56.152 | 56.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 3.30 | 0.98 | 8.2 oz |
| 56.154 | 56.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 3.42 | 0.98 | 8.2 oz |

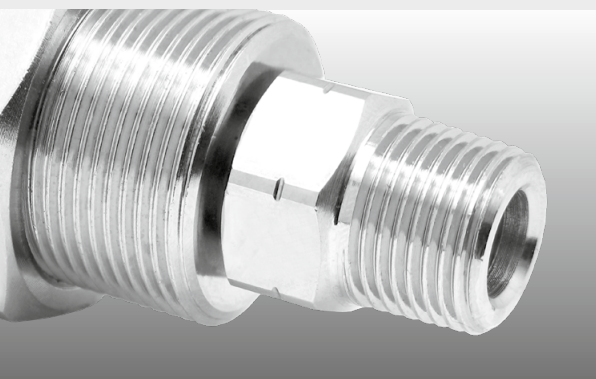
DYL 90° DYLI 90°

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|------|--------|
| 56.351 | 56.356 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 3.25 | 0.43 | 0.98 | 7.5 oz |
| 56.353 | 56.358 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.30 | 0.47 | 0.98 | 7.5 oz |

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | D1 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|---------|
| 56.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 3.30 | 0.47 | 0.98 | 10.7 oz |
| 56.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 3.30 | 0.39 | 0.98 | 10.7 oz |

| | |
|---------------|---------------------|
| 36.905 | Seal kit |
| 36.906 | Seal kit + adhesive |

- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free
- ✓ Carbide seals

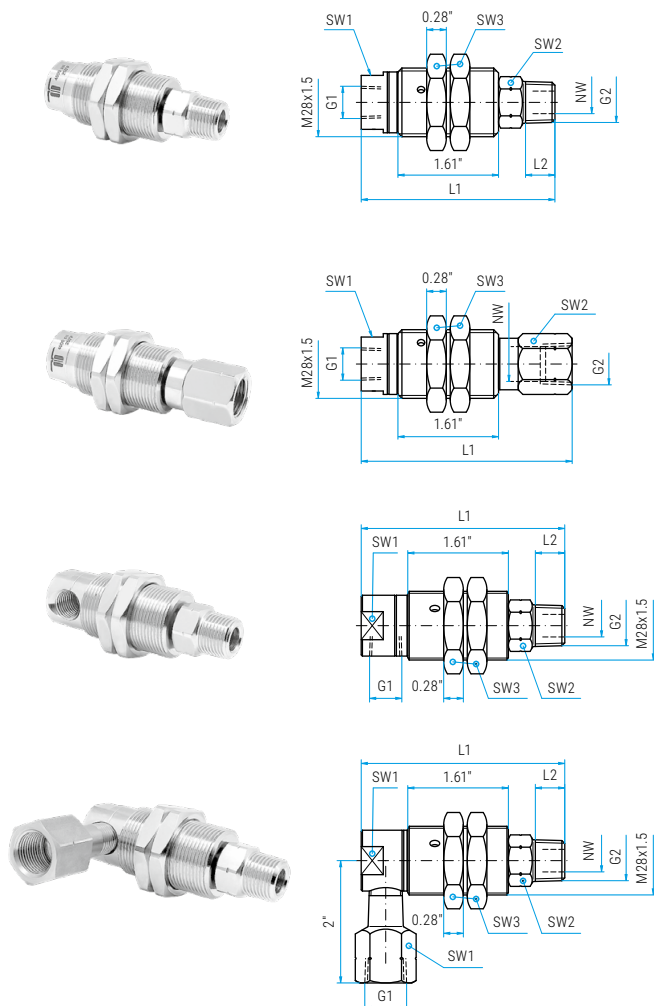
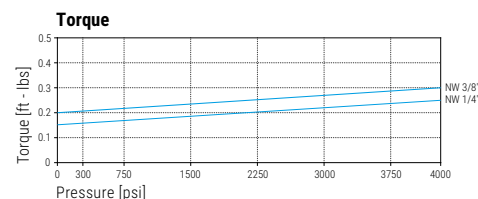
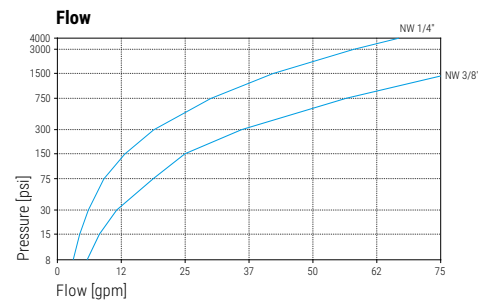


Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | DYG: brass, nickel plated DYG: stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DYG DYGI

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|----------|----------|-----------|-----------|------|------|------|-------|------|------|---------|
| 57.051 | 57.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.10 | 0.43 | 8.5 oz |
| 57.053 | 57.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.47 | 7.4 oz |
| 57.063 | 57.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.39 | 10.6 oz |
| 57.151 | 57.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.10 | 0.43 | 7.4 oz |
| 57.153 | 57.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.47 | 8.5 oz |
| 57.163 | 57.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34* | 3.14 | 0.39 | 10.2 oz |
| 57.653 | 57.663 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.87 | 0.75 | 1.34* | 3.13 | 0.47 | 7.6 oz |

| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | SW3 | L1 | Weight |
|----------|----------|-----------|-----------|------|------|------|-------|------|--------|
| 57.052 | 57.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 8.2 oz |
| 57.054 | 57.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34* | 3.42 | 8.6 oz |
| 57.152 | 57.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 7.8 oz |
| 57.154 | 57.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.34* | 3.42 | 8.2 oz |
| 57.654 | 57.664 | 3/8" NPTF | 3/8" NPTF | 3/8" | 0.87 | 0.87 | 1.34* | 3.42 | 7.4 oz |

* at DYGI: 1.42"

DYG 90° DYGI 90°

| Part No. | Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|----------|----------|-----------|-----------|------|------|------|-------|------|------|---------|
| 57.351 | 57.356 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.34* | 3.26 | 0.43 | 10.7 oz |
| 57.353 | 57.358 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34* | 3.30 | 0.47 | 11.0 oz |

* at DYGI: 1.42"

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | SW3 | L1 | L2 | Weight |
|----------|-----------|-----------|------|------|------|------|------|------|---------|
| 57.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.34 | 3.30 | 0.47 | 10.7 oz |
| 57.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.34 | 3.30 | 0.39 | 14.0 oz |

| | |
|--------|---------------------------------|
| 36.905 | Seal kit for NW 1/4" |
| 36.906 | Seal kit for NW 1/4" + adhesive |
| 36.908 | Seal kit for NW 3/8" |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

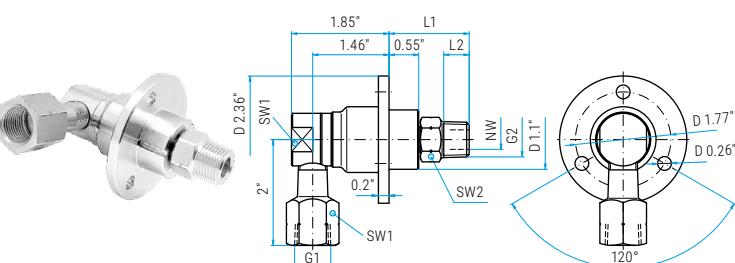
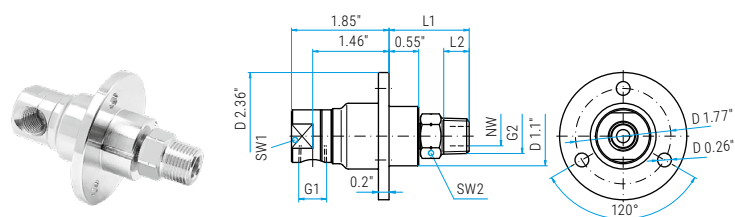
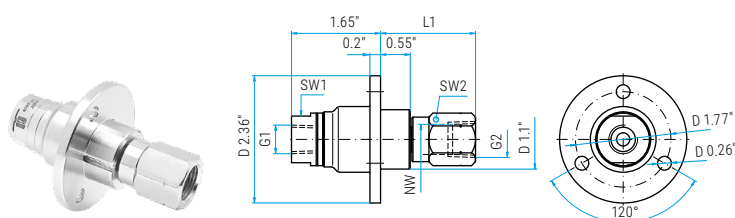
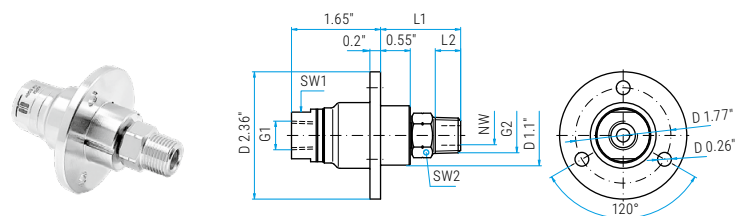
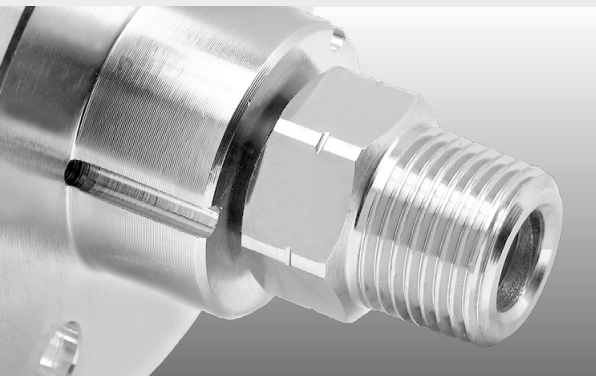
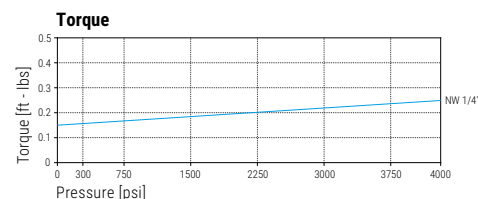
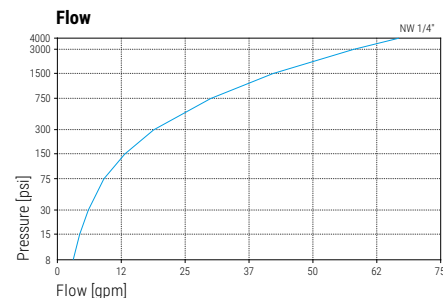
- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Carbide seal system

Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 4000 psi (27.5 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | DYF: brass, nickel plated DYFI: stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



| DYF | DYFI | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|------|---------|
| 58.051 | 58.056 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 10.4 oz |
| 58.053 | 58.058 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 11.0 oz |
| 58.063 | 58.068 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 13.5 oz |
| 58.151 | 58.156 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 11.0 oz |
| 58.153 | 58.158 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 10.4 oz |
| 58.163 | 58.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 13.2 oz |

| Part No. | Part No. | G1 (F) | G2 (F) | NW | SW1 | SW2 | L1 | Weight |
|---------------|---------------|-----------|-----------|------|------|------|------|---------|
| 58.052 | 58.057 | 1/4" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 11.0 oz |
| 58.054 | 58.059 | 1/4" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 11.0 oz |
| 58.152 | 58.157 | 3/8" NPTF | 1/4" NPTF | 1/4" | 0.87 | 0.75 | 1.65 | 11.0 oz |
| 58.154 | 58.159 | 3/8" NPTF | 3/8" NPTF | 1/4" | 0.87 | 0.87 | 1.76 | 11.0 oz |

DYF 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|---------|
| 58.351 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.67 | 1.45 | 0.43 | 13.0 oz |
| 58.353 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 13.0 oz |

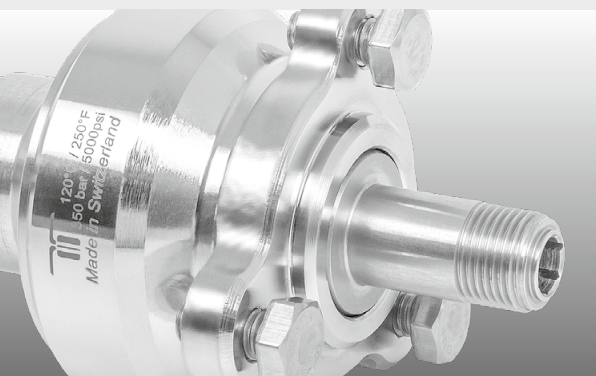
| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|---------|
| 58.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.75 | 1.49 | 0.47 | 15.0 oz |
| 58.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.75 | 1.49 | 0.39 | 16.2 oz |

| | |
|---------------|---------------------|
| 36.905 | Seal kit |
| 36.906 | Seal kit + adhesive |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Easy rotation under maximum pressure
- ✓ Flange for easy installation
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free

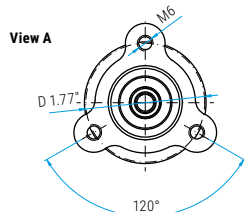
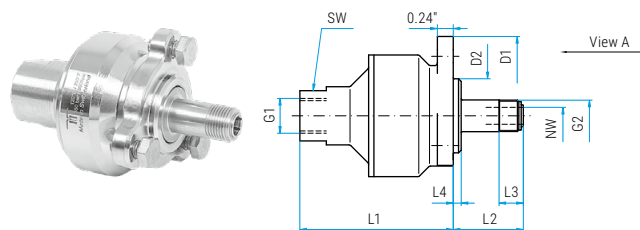
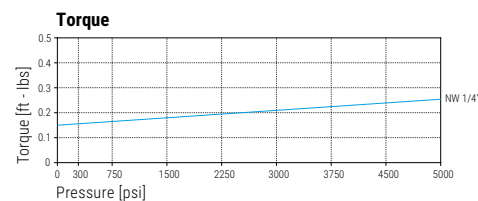
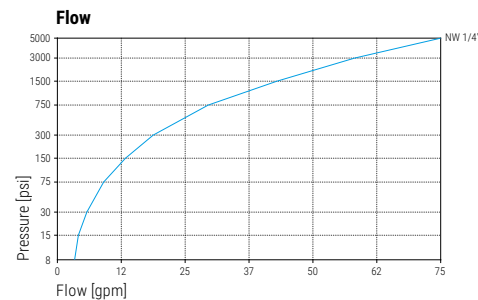


Application

High rpm, high pressure, self rotating applications, wall cleaners, parts washers

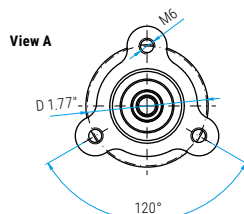
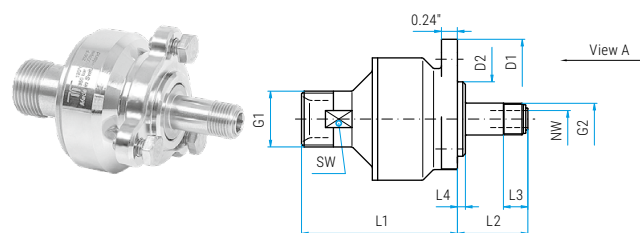
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 5000 psi (35 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | brass, nickel plated stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



DYW

| Part No. | G1 (F) | G2 (M) | NW | SW | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|---------|
| 55.070 | 1/4" NPTF | M12x1 M | 1/4" | 0.75 | 2.28 | 1.04 | 0.35 | 0.12 | 2.36 | 1.10 | 16.4 oz |
| 55.170 | 3/8" NPTF | M12x1 M | 1/4" | 0.87 | 2.28 | 1.04 | 0.35 | 0.12 | 2.36 | 1.10 | 16.0 oz |



DYW

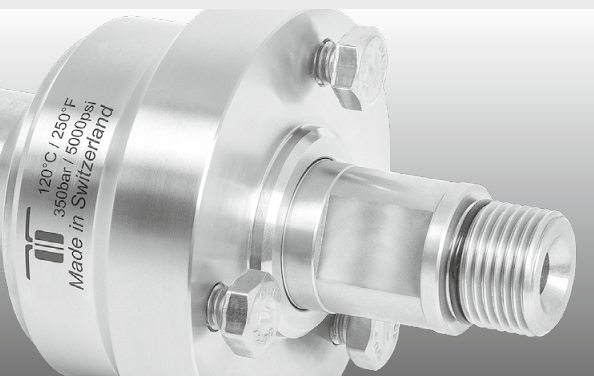
| Part No. | G1 (QV) | G2 (M) | NW | SW | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|---------|
| 55.220 | M21x1.5 M | M12x1 M | 1/4" | 0.75 | 2.28 | 1.04 | 0.35 | 0.12 | 2.36 | 1.10 | 15.7 oz |
| 55.270 | M22x1.5 M | M12x1 M | 1/4" | 0.79 | 2.28 | 1.04 | 0.35 | 0.12 | 2.36 | 1.10 | 16.0 oz |

| | |
|---------------|---------------------|
| 36.905 | Seal kit |
| 36.906 | Seal kit + adhesive |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Complete stainless steel construction
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seal system



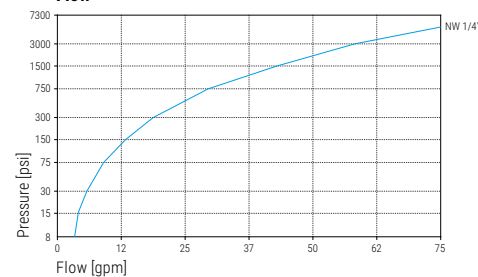
Application

High flow, high pressure, self rotating applications, surface cleaners, parts washers

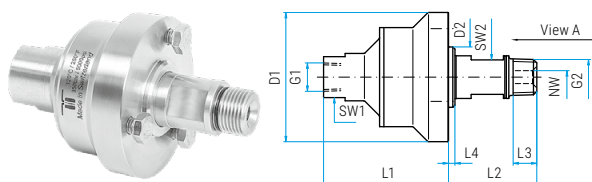
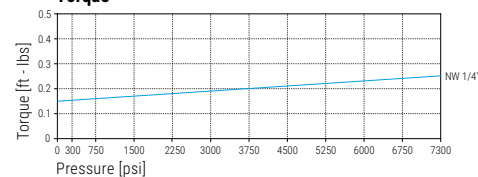
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | DYCI: 5000 psi (35 MPa) DYDI: 7300 psi (50 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 1x thrust ball bearing |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

Flow

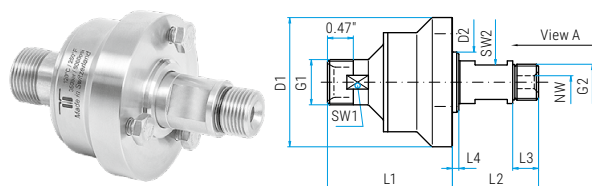


Torque



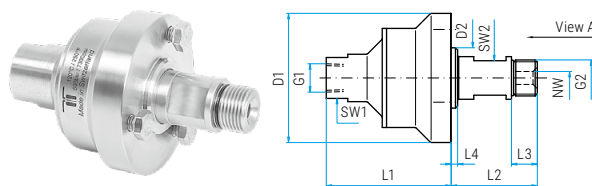
DYCI

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|------|------|---------|
| 55.051 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.87 | 0.63 | 2.28 | 1.46 | 0.39 | 0.12 | 2.36 | 1.10 | 23.0 oz |
| 55.063 | 1/4" NPTF | G3/8" M | 1/4" | 0.87 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |
| 55.153 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.87 | 0.63 | 2.28 | 1.46 | 0.43 | 0.12 | 2.36 | 1.10 | 23.0 oz |
| 55.163 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |



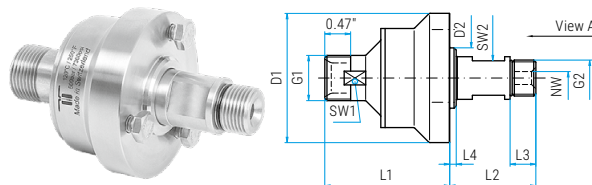
DYCI

| Part No. | G1 (QV) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|------|---------|
| 55.203 | M21x1.5 M | G3/8" M | 1/4" | 0.75 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |
| 55.253 | M22x1.5 M | G3/8" M | 1/4" | 0.79 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |



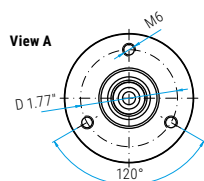
DYDI (7300 psi)

| Part No. | G1 (F) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|------|---------|
| 55.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.87 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |



DYDI (7300 psi)

| Part No. | G1 (QV) | G2 (M) | NW | SW1 | SW2 | L1 | L2 | L3 | L4 | D1 | D2 | Weight |
|---------------|-----------|---------|------|------|------|------|------|------|------|------|------|---------|
| 55.263 | M22x1.5 M | G3/8" M | 1/4" | 0.79 | 0.63 | 2.28 | 1.46 | 0.47 | 0.12 | 2.36 | 1.10 | 23.0 oz |



| | |
|---------------|---------------------------------|
| 36.905 | DYCI Seal kit |
| 36.906 | DYCI Seal kit + adhesive |
| 36.909 | DYDI Seal kit (7300 psi) |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

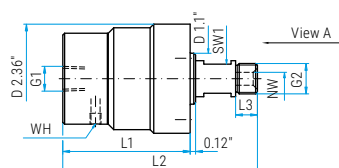
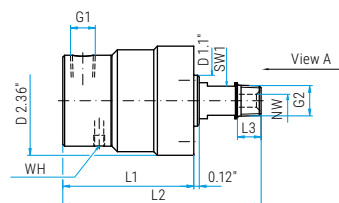
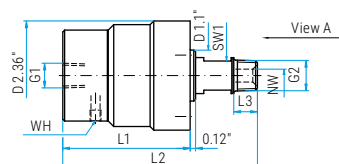
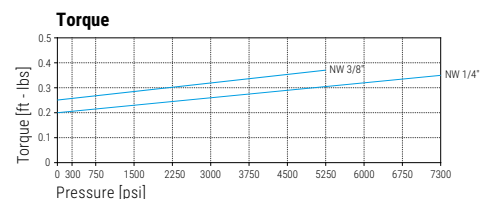
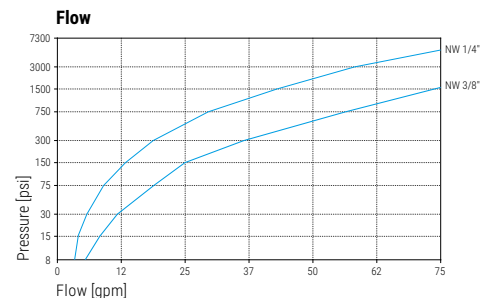
- ✓ Quadruple bearing system
- ✓ Highest precision and quality
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seals

Application

High pressure/rpm, thrust and radial force, self rotating applications, surface cleaners, parts washers

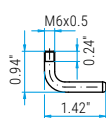
TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | DYT: 5000 psi (35 MPa) DYU: 7300 psi (50 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | carbide |
| Bearing | 2x radial ball bearings 2x thrust ball bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |

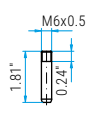


WH (weep hole)

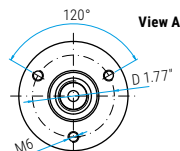
Optional: Pipes for weep hole



Part No. 902.745



Part No. 902.765



DYT

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|---------|
| 59.051 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.63 | 2.76 | 4.21 | 0.39 | 51.7 oz |
| 59.053 | 1/4" NPTF | 3/8" NPTM | 1/4" | 0.63 | 2.76 | 4.21 | 0.43 | 51.7 oz |
| 59.063 | 1/4" NPTF | G3/8" M | 1/4" | 0.63 | 2.76 | 4.21 | 0.47 | 50.1 oz |
| 59.151 | 3/8" NPTF | 1/4" NPTM | 1/4" | 0.63 | 2.83 | 4.29 | 0.39 | 53.7 oz |
| 59.153 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.63 | 2.83 | 4.29 | 0.43 | 53.7 oz |
| 59.163 | 3/8" NPTF | G3/8" M | 1/4" | 0.63 | 2.83 | 4.29 | 0.47 | 49.9 oz |
| 59.653 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.63 | 2.83 | 4.29 | 0.43 | 53.7 oz |
| 59.663 | 3/8" NPTF | G3/8" M | 3/8" | 0.63 | 2.88 | 4.36 | 0.48 | 53.7 oz |

DYT 90°

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|---------|
| 59.351 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.63 | 3.83 | 4.29 | 0.47 | 45.9 oz |
| 59.363 | 1/4" NPTF | G3/8" M | 1/4" | 0.63 | 3.83 | 4.29 | 0.47 | 45.9 oz |
| 59.453 | 3/8" NPTF | 3/8" NPTM | 1/4" | 0.63 | 2.83 | 4.29 | 0.43 | 53.7 oz |
| 59.463 | 3/8" NPTF | G3/8" M | 1/4" | 0.63 | 2.83 | 4.29 | 0.47 | 50.6 oz |
| 59.902 | 3/4" NPTF | G3/8" M | 3/8" | 0.63 | 3.62 | 5.08 | 0.47 | 61.7 oz |

DYU (7300 psi)

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | Weight |
|---------------|-----------|---------|------|------|------|------|------|---------|
| 59.168 | 3/8" NPTF | G3/8" M | 1/4" | 0.63 | 2.83 | 4.29 | 0.43 | 50.7 oz |

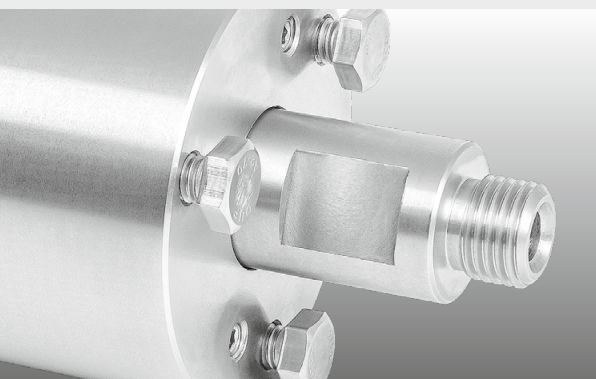
| | |
|---------------|--|
| 36.905 | DYT Seal kit NW 1/4" |
| 36.906 | DYT Seal kit NW 1/4" + adhesive |
| 36.908 | DYT Seal kit NW 3/8" |
| 36.909 | DYU Seal kit NW 1/4" (7300 psi) |

| | |
|---------------|---|
| 59.911 | DYT/DYU Bearing kit NW 1/4" + 3/8" |
|---------------|---|

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Saltwater resistant
- ✓ With check valve
- ✓ Quadruple bearing system
- ✓ Carbide seal system
- ✓ Stainless steel

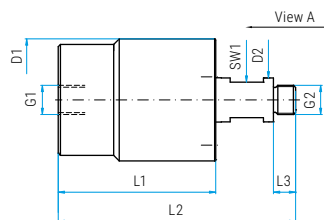
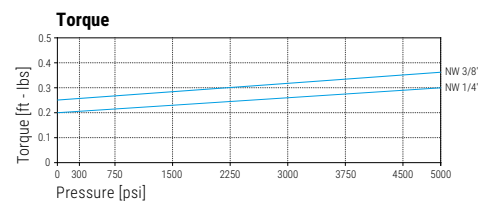
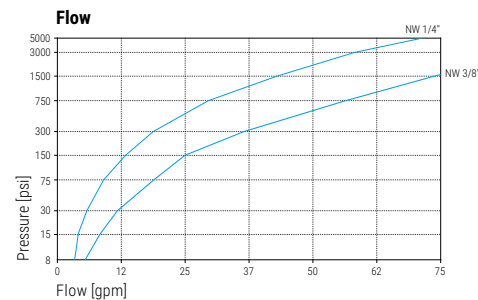


Application

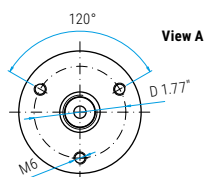
Underwater application (saltwater/freshwater), high rpm/pressure, thrust and radial forces

TECHNICAL DATA

| | |
|--------------------------|---|
| Pressure | 5000 psi (35 MPa) |
| Temperature | 250°F |
| RPM | max. 2'000 rpm |
| Body | stainless steel |
| Inner part | stainless steel |
| Seal | ceramic |
| Bearing | stainless steel 2x radial ball bearings 2x thrust ball bearings |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



Check valve



DYKI

| Part No. | G1 (F) | G2 (M) | NW | SW1 | L1 | L2 | L3 | D1 | D2 | Weight |
|---------------|-----------|-----------|------|------|------|------|------|------|------|---------|
| 54.051 | 1/4" NPTF | 1/4" NPTM | 1/4" | 0.63 | 2.8 | 4.21 | 0.47 | 2.17 | 0.79 | 2.54 oz |
| 54.063 | 1/4" NPTF | G3/8" M | 1/4" | 0.63 | 2.8 | 4.21 | 0.47 | 2.17 | 0.79 | 2.54 oz |
| 54.163 | 3/8" NPTF | G3/8" M | 1/4" | 0.63 | 2.87 | 4.29 | 0.47 | 2.17 | 0.79 | 2.56 oz |
| 54.653 | 3/8" NPTF | 3/8" NPTM | 3/8" | 0.63 | 2.87 | 4.33 | 0.51 | 2.17 | 0.79 | 2.56 oz |
| 54.663 | 3/8" NPTF | G3/8" M | 3/8" | 0.63 | 2.87 | 4.29 | 0.47 | 2.17 | 0.79 | 2.56 oz |

| | |
|---------------|------------------|
| 36.916 | Seal kit NW 1/4" |
| 36.917 | Seal kit NW 3/8" |

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Easily installed
- ✓ Light and solid
- ✓ Compact design

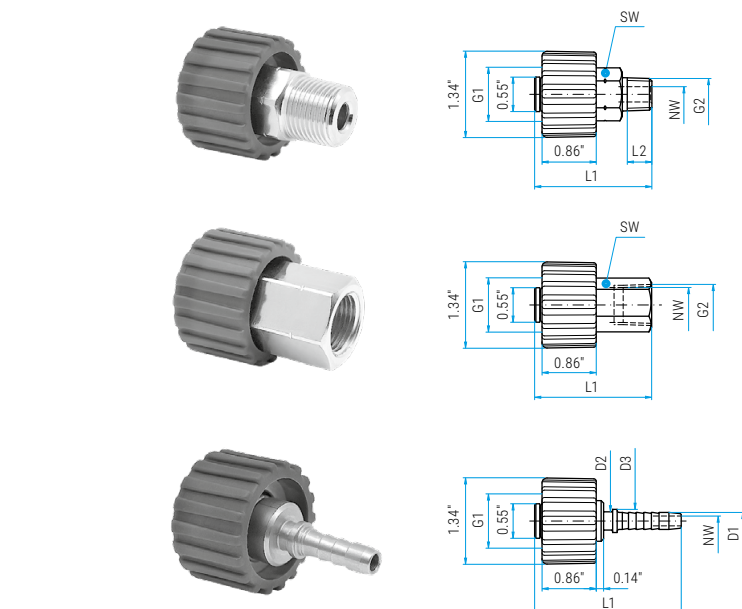
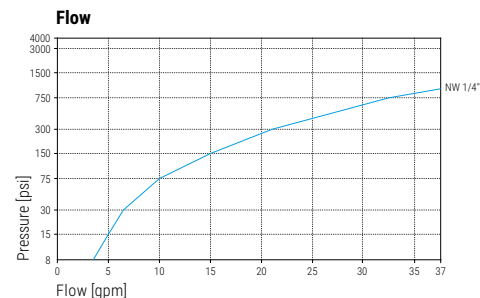


Application

High pressure cleaners, high pressure hose reels, quick coupling

TECHNICAL DATA

| | |
|--------------------------|--|
| Pressure | 3600 psi (25 MPa) also available as 7300 psi |
| Temperature | 250°F |
| RPM | max. 30 rpm |
| Body | brass, nickel plated plastic |
| Inner part | stainless steel |
| Seal | O-ring NBR (optional: EPDM or FKM) |
| Throughput medium | pH 3 - 12 filtered 10 microns compressed air (290 psi) |



QVS

| Part No. | G1 (QV) | G2 (M) | NW | SW | L1 | L2 | Weight | Color |
|---------------|-----------|-----------|------|------|------|------|---------|-------|
| 50.151 | M22x1.5 F | 1/4" NPTM | 1/4" | 0.75 | 1.87 | 0.39 | 3.30 oz | blue |
| 50.153 | M22x1.5 F | 3/8" NPTM | 1/4" | 0.75 | 1.91 | 0.51 | 3.30 oz | blue |

| Part No. | G1 (QV) | G2 (F) | NW | SW | L1 | Weight | Color |
|---------------|-----------|-----------|------|------|------|---------|-------|
| 50.152 | M22x1.5 F | 1/4" NPTF | 1/4" | 0.75 | 1.83 | 3.50 oz | blue |
| 50.154 | M22x1.5 F | 3/8" NPTF | 1/4" | 0.87 | 1.83 | 4.10 oz | blue |

| Part No. | G1 (QV) | S1 | NW | L1 | D1 | D2 | D3 | Weight | Color |
|---------------|-----------|-------|-------|------|------|------|------|---------|-------|
| 50.131 | M22x1.5 F | 1/4" | 1/8" | 2.26 | 0.26 | 0.29 | 0.39 | 2.30 oz | blue |
| 50.132 | M22x1.5 F | 5/16" | 7/32" | 2.34 | 0.33 | 0.35 | 0.45 | 2.50 oz | blue |
| 50.133 | M22x1.5 F | 3/8" | 1/4" | 2.40 | 0.39 | 0.42 | 0.53 | 2.10 oz | blue |

Legend

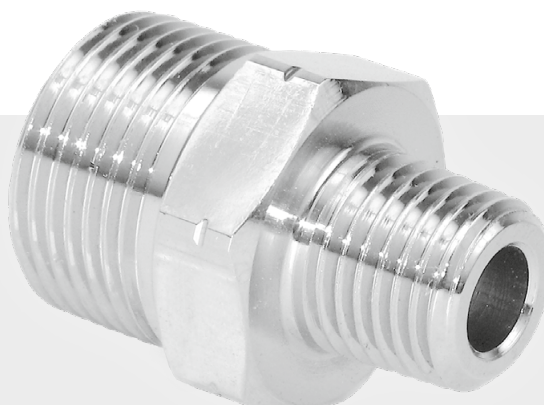
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Brass, nickel plated or stainless steel
- ✓ Various thread configurations
- ✓ High precision

Different applications require different fitting types. Precision machined universal fitting to suite your application.



VER (4000 psi / brass, nickel plated)

| | | male | | | | | | female | |
|-----------------------|------------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | | G1/4" M | G3/8" M | M18x1.5 | M21x1.5 | M22x1.5 | 3/8" NPTM | G1/4" F | G3/8" F |
| male | G1/4" M | | 52.004 | | | 52.221 | | 52.011 | |
| | G3/8" M | 52.004 | 52.029 | | 52.203 | 51.280 | | 52.013 | |
| | M21x1.5 | | 52.203 | | 52.208 | 52.209 | | 52.202 | 52.204 |
| | M22x1.5 | 52.221 | 51.280 | | 52.209 | 52.229 | | 52.222 | 52.224 |
| female | G1/4" F | 52.011 | 52.013 | | 52.202 | 52.222 | | 52.012 | 52.014 |
| | G3/8" F | | | | 52.204 | 52.224 | | 52.014 | |
| Profile ring fittings | M14x1.5 M (08-L) | | | | 52.205 | 52.225 | | | |
| | M16x1.5 M (10-L) | | | | 52.206 | 52.226 | | | |
| | M18x1.5 M (12-L) | | | | 52.207 | 52.227 | | | |
| NPT | 1/4" NPTM | | | 903.834 | 52.251 | 52.271 | 52.102 | 52.061 | |
| | 1/4" NPTF | | | | 52.252 | 52.272 | | 52.062 | |
| | 3/8" NPTM | | | | 52.253 | 52.273 | 52.121 | 52.063 | |
| | 3/8" NPTF | | | | 52.254 | 52.274 | | 52.064 | |

VER (7300 psi / stainless steel)

| | | male | | | | | | | | female | |
|-----------------------|------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | G1/4" M | R1/4" M | G3/8" M | G1/2" M | M18x1.5 | M21x1.5 | M22x1.5 | 3/8" NPTM | G1/4" F | G3/8" F |
| male | G1/4" M | 51.001 | 51.003 | 51.004 | 902.664 | 51.341 | 51.277 | 51.275 | | 51.011 | 51.005 |
| | G3/8" M | 51.004 | 51.009 | | | 51.343 | 51.279 | 51.280 | | 51.012 | 38217 |
| | R1/2" M | | | | 904.645 | | | | | | |
| | M21x1.5 | 51.277 | | 51.279 | | | | | | | |
| | M22x1.5 | 51.275 | 51.913 | 51.280 | 904.687 | | | | | | 51.224 |
| female | G1/4" F | 51.011 | 51.019 | 51.012 | | 51.342 | | | | | |
| | G3/8" F | 51.005 | 51.021 | 38217 | | 51.344 | | 51.224 | | | 51.022 |
| Profile ring fittings | M14x1.5 M (08-L) | 51.301 | | | | | | | | 51.302 | |
| | M16x1.5 M (10-L) | 51.321 | | | | | | | | 51.322 | |
| | M18x1.5 M (12-L) | 51.341 | | 51.343 | | 51.359 | | | 51.353 | 51.342 | 51.344 |
| NPT | 1/4" NPTM | 51.103 | | | | | | 51.278 | | 51.061 | |
| | 1/4" NPTF | | | | | | | | | | |
| | 3/8" NPTM | | | | | 51.353 | | | | | |
| | 3/8" NPTF | 51.129 | 51.129 | | | 51.354 | | | | | |

Other versions or sizes upon request.

TECHNICAL DATA

Pressure

4000 psi (27.5 MPa)

7300 psi (50 MPa)

Body

Brass nickel-plated or stainless steel

Legend

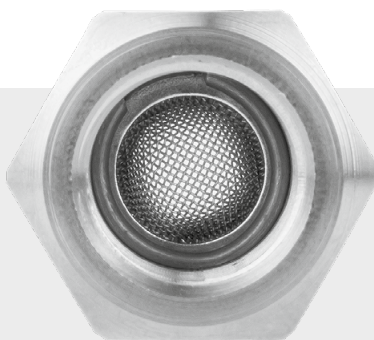
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

ADAPTOR WITH SIEVE

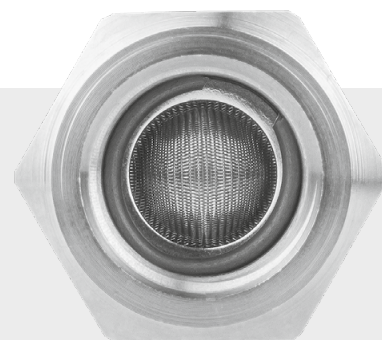
- ✓ 100% stainless steel
- ✓ Different mesh sizes available
- ✓ Easy to dismantle and clean



These adaptors are ideal for washing systems with reclaim. The sieve decreases the amount of debris flowing through the gun and onto the vehicle. It is simple to dismantle and clean.



Mesh count 50



Mesh count 200



Adaptor with sieve

4000 psi, stainless steel

| Part No. | IN / OUT | Mesh count | SW | Weight |
|---------------|---------------------|------------|-------|----------|
| 53.011 | 3/8"NPTF / 3/8"NPTM | 50 | 0.87" | 0.13 lbs |
| 53.012 | 3/8"NPTF / 3/8"NPTM | 200 | 0.87" | 0.13 lbs |
| 53.015 | 1/2"NPTF / 1/2"NPTM | 50 | 1.06" | 0.13 lbs |
| 53.016 | 1/2"NPTF / 1/2"NPTM | 200 | 1.06" | 0.13 lbs |

NON-RETURN VALVES

- ✓ With hard or soft spring
- ✓ Up to 4000psi
- ✓ 100% stainless steel available

Mosmatic non-return valves are made so that the medium flows through them in only one direction. There is an element in the non-return valve that is closed by a spring making the fluid flow in the other direction. Applications: HD Gun, Ceiling boom



Check valve (~14 psi)

with hard spring, opening pressure
~14 psi, closing pressure ~20 psi,
ø1", nominal width 1/4", 4000 psi, 200°F

| Part No. | Name | Weight |
|---------------|---|---------|
| 90.031 | Brass, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.032 | Brass, 3", IN 1/4" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.033 | Brass, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.034 | Brass, 3", IN 3/8" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.051 | INOX, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.052 | INOX, 3", IN 1/4" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.053 | INOX, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.054 | INOX, 3", IN 3/8" NPTF, OUT 3/8" NPTF | 0.4 lbs |

Check valve (~1.5 psi)

with soft spring, opening pressure
~1.5 psi, closing pressure ~2 psi,
ø1", nominal width 1/4", 4000 psi, 200°F

| Part No. | Name | Weight |
|---------------|---|---------|
| 90.035 | Brass, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.036 | Brass, 3", IN 3/8" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.037 | Brass, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.038 | Brass, 3", IN 1/4" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.055 | INOX, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.056 | INOX, 3", IN 3/8" NPTF, OUT 3/8" NPTF | 0.4 lbs |
| 90.057 | INOX, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF | 0.4 lbs |
| 90.058 | INOX, 3", IN 1/4" NPTF, OUT 3/8" NPTF | 0.4 lbs |

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

Acceptance of any order and sale of any goods are expressly conditional upon the terms and conditions as listed here in. Any order or statement of intent to purchase any such goods, or any direction to proceed with engineering, procurement, manufacture or shipment shall constitute assent to said terms and conditions. Any additional or different terms or conditions set forth in Buyer's purchase order or similar communication are objected to and will not be binding upon Mosmatic Corporation, unless specifically assented to in writing by an authorized representative of Mosmatic Corporation management.

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All prices stipulated or promulgated by Mosmatic Corporation are subject to change without notice. Prices do not include any present or future sales, use, excise, value added or similar taxes and, where applicable, such taxes shall be billed as a separate item and paid by Buyer.

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All orders are shipped via UPS Ground unless otherwise specified. Special packaging or handling charges may apply to oversize or custom orders. Please inspect your shipment immediately upon arrival. If your order is not received in satisfactory condition, keep all packaging material and notify Mosmatic Corporation within 48 hours. All sales are made ex point of shipment, and the Buyer assumes all risks with title passing upon delivery to carrier at point of shipment, irrespective of who selects carrier. Shipping dates given in advance of actual shipments are best estimates and shall not be deemed to represent fixed or guaranteed shipping dates. Mosmatic Corporation shall not be liable for failure to deliver or for delay in delivery or performance due to (a) a cause beyond its reasonable control or (b) an act of God, act or omission of Buyer, act of civil or military authority, governmental priority or other allocation or control, fire, strike or other labor difficulty, riot or other civil disturbance, delay in transportation or (c) any other commercial impracticability. Each shipment or delivery shall be deemed to have been sold under a separate and independent contract. If in the judgment of Mosmatic Corporation, the financial condition of the Buyer at the time of manufacture or shipment does not justify the terms of payment specified on order, Mosmatic Corporation reserves the right to require from Buyer full or partial payment or other adequate assurance of performance before manufacture or shipment. Mosmatic Corporation reserves the right to suspend its performance until such a payment or adequate assurance of performance has been received. If payment is not made when due, Buyer agrees to pay a charge on the amount past due at the rate of 1.5% per month (18% per annum) or the maximum lawful rate, whichever is less. Nothing here in shall be deemed to extend or otherwise modify Buyer's obligation to make payment when due.

3. Payments

First order terms are prepay or Credit Card. For credit applications please call 800-788-9880 or email swivels@mosmatic.com. Checks are accepted as means of payment but shall not be regarded as settlement until they have been cleared. There is a minimum order amount of \$200.00 and the fee for drop shipment is \$20.00. For your convenience we accept VISA and Mastercard.

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Buyer may terminate an order only by mutual agreement based on payment to Mosmatic Corporation of reasonable and proper termination charges.

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7. Limited Warranty

Mosmatic Corporation warrants that its product/s (the „Product“) shall be free from defects in materials and workmanship under normal use, installation and maintenance in accordance with Mosmatic Corporation's specifications. If any failure to conform to this warranty is reported to Mosmatic Corporation within six months from the date of purchase by the original buyer, Mosmatic Corporation, upon being satisfied of the existence of such nonconformity, will, with exclusions (wear and tear) etc., correct same at its discretion by repairing or replacing the Product. This warranty does not cover damage resulting from mishandling in transit, vandalism, misuse, abuse, neglect, alteration, dismantling, acts of God or failure to exercise reasonable care in installing or maintaining the Product. This warranty applies only to the original buyers who purchased the Product directly from Mosmatic Corporation. To obtain service under this warranty, call our sales/service department at (800) 788-9880. NO EVENT WILL Mosmatic Corporation BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

8. Availability

Not all products listed in this catalog are stocked by each service center.

9. Governing law

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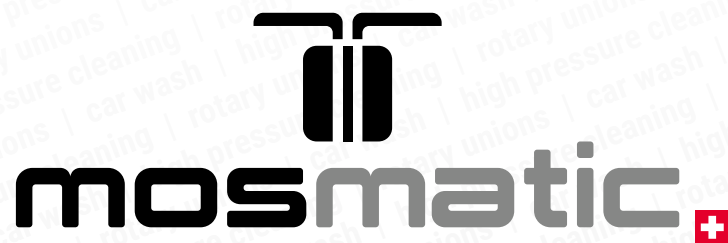
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- Safety regulations and guidelines (Accident prevention rules) from the manufacturer of high pressure equipment are applicable when using our products.
- Nozzle installation according to nozzle manufacturer.
- Mosmatic products should only be installed by experienced users of high pressure equipment. The responsibility for the safe and effective use of Mosmatic products rest with the user.

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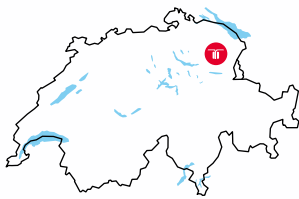


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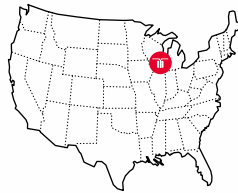


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