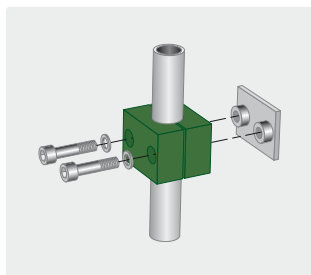




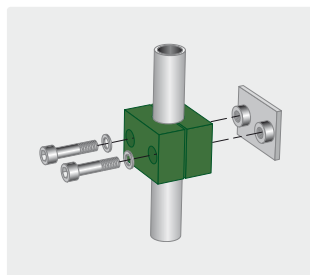
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Pipe holder

Assembly on welding plate

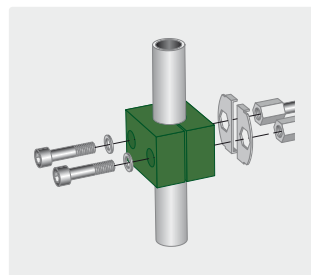


Holder including bolts, discs and welding plate.



Holder including bolts, discs and welding plate.

Simple assembly



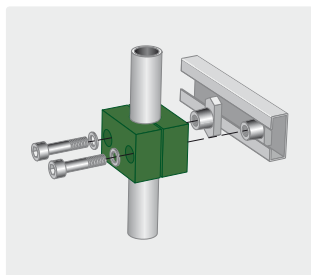
Holder including bolts and discs, zinc-plated steel. Suitable for twin assembly and assembly on double welding plate.

R+M Nr.	RØ	(M)
598 100 49	10	stainless steel
598 120 49	12	stainless steel
598 150 49	15	stainless steel
598 160 49	16	stainless steel
598 180 49	18	stainless steel
598 200 49	20	stainless steel
598 220 49	22	stainless steel

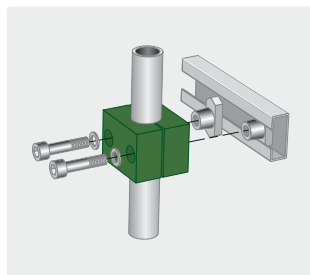
R+M Nr.	RØ	(M)
598 100 4	10	zinc-plated steel
598 120 4	12	zinc-plated steel
598 150 4	15	zinc-plated steel
598 160 4	16	zinc-plated steel
598 180 4	18	zinc-plated steel
598 200 4	20	zinc-plated steel
598 220 4	22	zinc-plated steel

R+M Nr.	RØ	(M)
598 100 3	10	zinc-plated steel
598 120 3	12	zinc-plated steel
598 150 3	15	zinc-plated steel
598 160 3	16	zinc-plated steel
598 180 3	18	zinc-plated steel
598 200 3	20	zinc-plated steel
598 220 3	22	zinc-plated steel

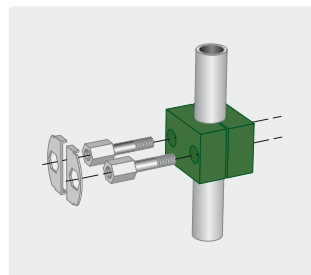
For assembly on support



Holder including nuts for track and bolts with discs.



Holder including nuts for track and bolts with discs.



Holder including twin bolts and fixing support. Zinc-plated steel

R+M Nr.	RØ	(M)
598 100 19	10	stainless steel
598 120 19	12	stainless steel
598 150 19	15	stainless steel
598 160 19	16	stainless steel
598 180 19	18	stainless steel
598 200 19	20	stainless steel
598 220 19	22	stainless steel

R+M Nr.	RØ	(M)
598 100 1	10	zinc-plated steel
598 120 1	12	zinc-plated steel
598 150 1	15	zinc-plated steel
598 160 1	16	zinc-plated steel
598 180 1	18	zinc-plated steel
598 200 1	20	zinc-plated steel
598 220 1	22	zinc-plated steel

R+M Nr.	RØ	(M)
598 150 2	15	zinc-plated steel
598 160 2	16	zinc-plated steel
598 180 2	18	zinc-plated steel
598 200 2	20	zinc-plated steel
598 220 2	22	zinc-plated steel

Support pipe holder



Length 2 m

R+M Nr.	(M)
598 002 09	stainless steel

Symbols RØ pipe diameter in mm wall thickness (M) material (P) pressure (S) weight Ø diameter (VPE) packing unit shipment by truck

Screw clamps / fixing material

Pipe clamps



Stainless steel V2A. 1.4301 / AISI 304

R+M Nr.	Ø
598 912 169	12 - 16 mm
598 915 199	15 - 19 mm
598 920 239	20 - 23 mm



Hanger bolt. Stainless steel. M8 x 80

R+M Nr.
598 010 809

Hammer head screws



M8 x 30.

Zinc-plated steel

R+M Nr.	VPE
107 902 1	1
107 902 0	50



M8 x 30. Stainless steel.

R+M Nr.	VPE
107 902 9	1
107 902 8	50

High pressure pipes

Seamless per metre



Stainless steel V2A / AISI 304 - according to DIN 2391 and 17458/1 or **galvanized steel / chromated** / E235 + N according to EN 10305-4 (DIN 2445/2).

Production length 5-7 m - (Minimum order).

The calculation is per meter, plus cost per cut (599 000 0).

Other dimensions and grades of stainless steel are available on request.

Ø	R+M Nr.	M	W	P	Ø
10	599 101 0	stainless steel	1.5 mm	297 bar	0.319 kg/m
10	599 101 51	zinc-plated steel	1.5 mm	385 bar	0.314 kg/m
12	599 121 5	stainless steel	1.5 mm	241 bar	0.394 kg/m
12	599 121 51	zinc-plated steel	1.5 mm	305 bar	0.388 kg/m
15	599 151 5	stainless steel	1.5 mm	189 bar	0.507 kg/m
15	599 151 51	zinc-plated steel	1.5 mm	249 bar	0.499 kg/m
16	599 162 0	stainless steel	2.0 mm	252 bar	0.701 kg/m
16	599 162 01	zinc-plated steel	2.0 mm	305 bar	0.691 kg/m
18	599 182 0	stainless steel	2.0 mm	221 bar	0.801 kg/m
20	599 202 0	stainless steel	2.0 mm	196 bar	0.901 kg/m
22	599 222 0	stainless steel	2.0 mm	177 bar	1.000 kg/m

Despatch for pipes (length 5-7 m)

In case of less than 5 rods the despatch can only be effected by UPS. The rods are then cut (max. 2 m).

Ø	parcel service (ca. 2 m)
10	3-9 pieces (6-27 m)
12	3-9 pieces (6-27 m)
15	3-9 pieces (6-27 m)
16	3-9 pieces (6-27 m)
18	3-9 pieces (6-27 m)
20	3-9 pieces (6-27 m)
22	3-9 pieces (6-27 m)

In case of 5 rods (30 m) or more the uncut lengths are sent by freight forwarding.

Ø	forwarding (ca. 5-7 m)
10	from 5 pieces (from 30 m)
12	from 5 pieces (from 30 m)
15	from 5 pieces (from 30 m)
16	from 5 pieces (from 30 m)
18	from 4 pieces (from 24 m)
20	from 4 pieces (from 24 m)
22	from 4 pieces (from 24 m)

Which diameter?

Ø	water flow
10	up to 600 l/h
12	up to 900 l/h
15	up to 1,100 l/h
16	up to 1,200 l/h
18	up to 1,500 l/h
20	up to 2,400 l/h
22	up to 3,600 l/h

Do not hesitate to ask for current prices!

24° DIN Compression pipe couplings stainless steel V4A 1.4571 / AISI 316 TI

Standard tube connection program complies with DIN 2353 and ISO 8434-1

Type GAI, cone 24°



R+M Nr.	RØ	Ø	TYP	↔
592 101 4	10	1/4"	L	39
592 13	12	3/8"	L	41
592 15	15	3/8"	L	45
592 17	15	1/2"	L	46
592 18	18	1/2"	L	47
592 16	16	1/2"	S	50
592 161	16	M22	S	52

Type GE, cone 24°



R+M Nr.	RØ	Ø	TYP	↔
581 09	8	1/4"	L	37
596 101 4	10	1/4"	L	38
596 121 4	12	1/4"	L	39
596 123 8	12	3/8"	L	39
596 121 2	12	1/2"	L	42
596 153 8	15	3/8"	L	40
596 151 2	15	1/2"	L	40
596 183 8	18	3/8"	L	43
596 181 2	18	1/2"	L	45
591 12	12	3/8"	S	46
591 120	12	1/2"	S	48
591 14	16	3/8"	S	48
591 16	16	1/2"	S	51

Type G, cone 24°



R+M Nr.	RØ	TYP	↔
593 081	8	L	41
593 101	10	L	43
593 121	12	L	44
593 15	15	L	46
593 18	18	L	49
593 22	22	L	53
593 12	12	S	52
593 16	16	S	58
593 20	20	S	66

Type T, cone 24°



R+M Nr.	RØ	TYP	↔
595 101	10	L	60
595 121	12	L	64
595 15	15	L	72
595 18	18	L	80
595 22	22	L	88
595 12	12	S	76
595 16	16	S	86
595 20	20	S	96

Type W, cone 24°



R+M Nr.	RØ	TYP	↔
594 101	10	L	30
594 121	12	L	32
594 15	15	L	36
594 18	18	L	40
594 22	22	L	44
594 12	12	S	38
594 16	16	S	43
594 20	20	S	48

Type REDV, cone 24°

Straight reducer with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	RØ	TYP	↔
593 121 02	12	10	L	42
593 151 22	15	12	L	46
593 181 52	18	15	L	45
593 161 22	16	12	S	48

Type EWVD, cone 24°

90° elbow connector with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
594 101 02	10	L	30
594 121 22	12	L	32
594 151 52	15	L	36
594 161 62	16	S	43

Type ETVD, cone 24°

Branch Tee with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
595 101 02	10	L	60
595 121 22	12	L	64
595 151 52	15	L	72
595 161 62	16	S	86

Type ELVD, cone 24°

Run Tee with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
595 101 03	10	L	58
595 121 23	12	L	61
595 151 53	15	L	69
595 161 63	16	S	78

Type EGV-D-R-WD, cone 24°

Straight connector with 24° DKO swivel



R+M Nr.	RØ	Ø	TYP	↔
596 101 42	10	1/4"	L	27
596 103 82	10	3/8"	L	29
596 123 82	12	3/8"	L	34
596 151 22	15	1/2"	L	32
596 161 22	16	1/2"	S	37

Please follow the assembly instructions
DIN 3859.

Which operating pressure for stainless steel?

LL = light series
L = solid series
S = heavy duty series
Other connections are available on request.

TYP	Nominal pressure acc. to DIN 2401
LL (4 - 8)	100 bar
L (6 - 10)	315 bar
L (12 - 18)	315 bar
L (22 - 42)	160 bar
S (6 - 10)	630 bar
S (12 - 16)	490 bar
S (20 - 38)	315 bar

Symbols thread pipe diameter in mm length in mm type

24° DIN Compression pipe couplings zinc-nickel coating

The optimised zinc-nickel coating has demonstrated values in excess of 1,200 hours corrosion protection against white rust during testing in accordance with DIN EN ISO 9227.

Type GAI, cone 24°



R+M Nr.	RØ	Ø	TYP	↔
580 101 4	10	1/4"	L	40
580 123 8	12	3/8"	L	41
580 153 8	15	3/8"	L	43
580 151 2	15	1/2"	L	46
581 56	18	1/2"	L	47
580 123 81	12	3/8"	S	43
580 161 21	16	1/2"	S	50

Type GE, cone 24°



R+M Nr.	RØ	Ø	TYP	↔
581 101 4	10	1/4"	L	38
581 121 4	12	1/4"	L	39
581 123 8	12	3/8"	L	40
581 121 2	12	1/2"	L	42
581 153 8	15	3/8"	L	40
581 81	15	1/2"	L	43
581 183 8	18	3/8"	L	41
581 181 2	18	1/2"	L	45
581 123 81	12	3/8"	S	45
581 121 21	12	1/2"	S	48
581 163 8	16	3/8"	S	48
581 80	16	1/2"	S	51

Type G, cone 24°



R+M Nr.	RØ	TYP	↔
581 101 0	10	L	41
581 121 2	12	L	44
581 151 5	15	L	46
581 181 8	18	L	40
581 222 2	22	L	53
581 121 22	12	S	52
581 161 6	16	S	58

Type T, cone 24°



R+M Nr.	RØ	TYP	↔
585 510	10	L	60
585 512	12	L	64
585 515	15	L	72
585 518	18	L	80
585 522	22	L	88
585 512 1	12	S	76
585 516 1	16	S	86

Type W, cone 24°



R+M Nr.	RØ	TYP	↔
583 101 0	10	L	30
583 121 2	12	L	32
583 151 5	15	L	36
583 181 8	18	L	40
583 121 21	12	S	38
583 161 6	16	S	43

Type REDV, cone 24°

Straight reducer with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	RØ	TYP	↔
586 121 02	12	10	L	42
586 151 22	15	12	L	47
586 181 52	18	15	L	45
586 161 22	16	12	S	49

Type EWVD, cone 24°

90° elbow connector with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
583 101 02	10	L	30
583 121 22	12	L	32
583 151 52	15	L	37
583 161 62	16	S	43

Type ETVD, cone 24°

Branch Tee with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
585 101 02	10	L	60
585 121 22	12	L	64
585 151 52	15	L	74
585 161 62	16	S	86

Type ELVD, cone 24°

Run Tee with 24° DKO swivel and 24° cone end



R+M Nr.	RØ	TYP	↔
585 101 03	10	L	59
585 121 23	12	L	62
585 151 53	15	L	70
585 161 63	16	S	80

Type EGV-D-R-WD, cone 24°

Straight connector with 24° DKO swivel



R+M Nr.	RØ	Ø	TYP	↔
581 101 42	10	1/4"	L	41
581 103 82	10	3/8"	L	42
581 123 82	12	3/8"	L	47
581 151 22	15	1/2"	L	48
581 161 22	16	1/2"	S	52

Please follow the assembly instructions
DIN 3859.

Which operating pressure for carbon steel ZnNi coating?

LL = light series
L = solid series
S = heavy duty series
Other connections are available on request.

TYP	Nominal pressure acc. to DIN 2401
LL (4 - 8)	100 bar
L (6 - 10)	500 bar
L (12 - 18)	400 bar
L (22 - 42)	250 bar
S (6 - 10)	800 bar
S (12 - 16)	630 bar
S (20 - 38)	420 bar

Altemp Q NB 50



Grease for compression pipe couplings

R+M Nr.
953 60

Compression fittings (bicone ring system)

Straight screw connectors



X-GE. Zinc-plated steel

R+M Nr.	TYP	AG : AG	I
580 90	6 LL	M10 : 1/8"	20
580 95	6 L	M12 : 1/8"	23
580 98	6 L	M12 : 1/4"	28
580 99	8 L	M14 : 1/8"	24
581 00	8 L	M14 : 1/4"	29
581 05	8 L	M14 : 3/8"	31
581 10	10 L	M16 : 1/4"	30
581 20	10 L	M16 : 3/8"	28
581 25	10 L	M16 : 1/2"	34
581 50	12 L	M18 : 1/4"	31
581 60	12 L	M18 : 3/8"	28
581 55	12 L	M18 : 1/2"	31
581 141 21	14 S	M22 : 1/2"	41



X-GE. Stainless steel

R+M Nr.	TYP	AG : AG	I
581 19	10 L	M16 : 1/4"	30
581 29	10 L	M16 : 3/8"	28
581 59	12 L	M18 : 1/4"	31
581 69	12 L	M18 : 3/8"	28
596 143 81	14 S	M22 : 3/8"	39
596 141 21	14 S	M22 : 1/2"	41

Straight screw connectors



X-GAI. Zinc-plated steel

R+M Nr.	TYP	IG : AG	I
580 00	6 L	1/4" : M12	25
580 10	8 L	1/4" : M14	31
580 20	10 L	1/4" : M16	32
580 50	10 L	3/8" : M16	28
580 30	12 L	1/4" : M18	33
580 40	12 L	3/8" : M18	33



X-GAI. Stainless steel

R+M Nr.	TYP	IG : AG	I
580 29	10 L	1/4" : M16	32
580 39	12 L	1/4" : M18	33

Nominal pressure according to DIN 2401

LL = light series

L = solid series

S = heavy duty series

Other connections are available on request.

TYP	Stainless steel	Zinc-plated steel
LL (4 - 8)	100 bar	100 bar
L (6 - 10)	315 bar	500 bar
L (12 - 18)	315 bar	400 bar
L (22 - 42)	160 bar	250 bar
S (6 - 10)	630 bar	800 bar
S (12 - 16)	490 bar	630 bar
S (20 - 38)	315 bar	420 bar

Double nipples / connectors



X-G. Zinc-plated steel

R+M Nr.	TYP	AG	I
581 30	10 L	M16	27
581 70	12 L	M18	28



X-G. Stainless steel

R+M Nr.	TYP	AG	I
581 79	12 L	M18	28

Elbows

WE-R. Zinc-plated steel.
With nut & bicone ring

R+M Nr.	TYP	AG	Ø	I
583 00	6 L	1/8"	6	28
583 20	12 L	3/8"	12	35
583 121 4	12 L	1/4"	12	35

EG. Zinc-plated steel.
Nut & bicone ring premounted

R+M Nr.	TYP	Ø : AG	Ø	I
581 12	8 L	M14 : 1/4"	8	42
581 11	10 L	M16 : 1/4"	10	40
581 15	10 L	M16 : 3/8"	10	44
581 61	12 L	M18 : 3/8"	12	47
581 619*	12 L	M18 : 3/8"	12	47
581 13	12 L	M18 : 1/4"	12	47

X-EG. Zinc-plated steel.
Without nut & bicone ring

R+M Nr.	Ø : AG	Ø	I
582 25	M18 : 3/8"	12	47

Bicone rings



Zinc-plated steel

R+M Nr.	TYP	Ø
584 102	L / S	10
584 122	L / S	12

Nut



Zinc-plated steel

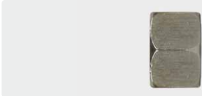
R+M Nr.	TYP	Ø
584 101	10 L	M16
584 121	12 L	M18

* Stainless steel

Symbols IG female thread AG male thread Ø diameter G inlet G outlet P pressure

Compression pipe couplings

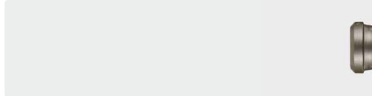
Stop nuts



Stainless steel V4A 1.4571 / AISI 316
Ti. Stop nuts as per DIN 3870

R+M Nr.	Ø
590 081	M14 x 1.5
590 101	M16 x 1.5
590 121	M18 x 1.5
590 123	M20 x 1.5
590 151	M22 x 1.5
590 163	M24 x 1.5
590 181	M26 x 1.5
590 203	M30 x 2
590 221	M30 x 2
590 303	M42 x 2

Bicone rings



Hardened stainless steel. Bicone ring as per DIN 3861 Form B

R+M Nr.	RØ	TYP
590 082	8 mm	L
590 102	10 mm	L
590 122	12 mm	L
590 122	12 mm	S
590 152	15 mm	L
590 164	16 mm	S
590 182	18 mm	L
590 204	20 mm	S
590 222	22 mm	L
590 304	30 mm	S

Mounting bracket



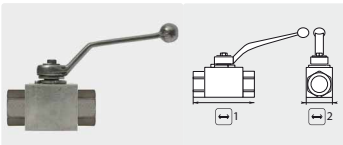
Mount for 500 bar ball valves 3/8" and 1/2"

R+M Nr.	M
708 00	stainless steel

Please follow the assembly instructions DIN 3859.

High pressure ball valves

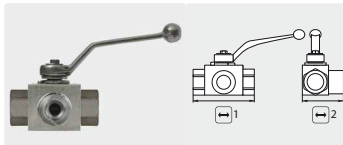
Standard



Lever Zn.
Ball chrome-plated.
Max. 80 °C

R+M Nr.	Ø	P	1	2
706 03	1/4"	500 bar	69	26
706 10	3/8"	500 bar	72	32
706 15	1/2"	500 bar	83	35
706 18	3/4"	315 bar	95	49

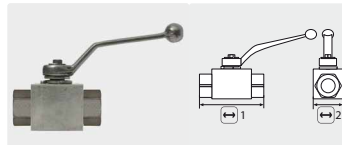
High pressure ball valves



Lever Zn.
Ball chrome-plated. L-form.
Max. 80 °C

R+M Nr.	Ø	P	1	2
706 23	1/4"	500 bar	69	48
706 24	3/8"	500 bar	72	52
706 25	1/2"	500 bar	83	59
706 27	3/4"	315 bar	95	72

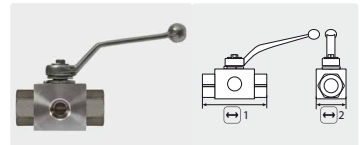
Standard stainless steel



AISI 316 Ti.
Ball stainless steel.
Max. 100 °C

R+M Nr.	Ø	P	1	2
707 15	1/4"	500 bar	69	26
707 25	3/8"	500 bar	72	32
707 35	1/2"	500 bar	83	35
707 45	3/4"	315 bar	95	49

HP ball valves stainless steel



AISI 316 Ti. Lever Zn.
Ball stainless steel. L-form.
Max. 100 °C

R+M Nr.	Ø	P	1	2
706 279	1/4"	500 bar	69	48
706 269	3/8"	500 bar	72	52
706 260	1/2"	500 bar	83	57
706 299	3/4"	315 bar	95	72

Valves with connections



Zinc-plated steel. Lever Zn.
Ball chrome-plated.
Max. 500 bar / 80 °C

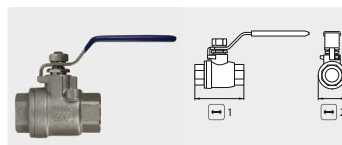
R+M Nr.	Ø	Ø	1
706 05	M22 M	M22 F	65
706 151	M22 M	tube Ø 16	83
706 20	M18 M	M18 M	64
706 101	M22 M	M22 M	100



Zinc-plated steel. Lever Zn.
Ball chrome-plated.
Max. 500 bar / 80 °C

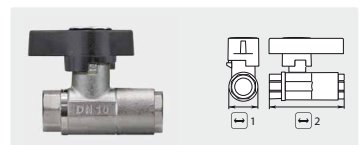
R+M Nr.	Ø	Ø	1
706 031	M22 F	M22 F	110

High pressure ball valves



Stainless steel V2A / AISI 304.
Ball stainless steel.
Max. 140 bar / 60 °C

R+M Nr.	Ø	1	2
707 10	1/4"	52	28
707 20	3/8"	52	28
707 30	1/2"	64	31
707 40	3/4"	71	35



Nickel-plated brass.
Ball chrome-plated.
Max. 210 bar / 80 °C

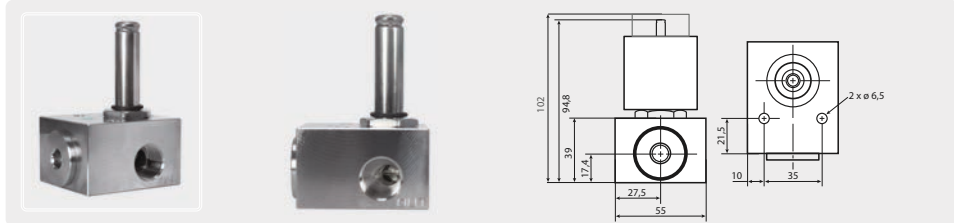
R+M Nr.	Ø	1	2
705 383 82	3/8"	30	75
705 121 22	1/2"	36	85

Further ball valve models are available on request.

Symbols Ø thread RØ pipe diameter in mm 1 length in mm M material TYP type 1 height en mm

High pressure solenoid valves closed in off-position

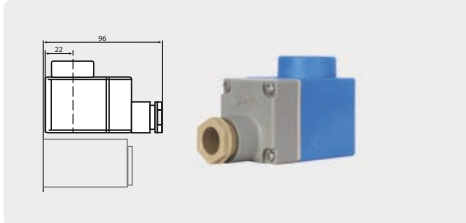
Danfoss VDHT



Stainless steel. Viton. Pressure range 0 - 160 bar. Without coil. Max. 90 °C

R+M Nr.		
837 180 094	1/2"	60 l/min
837 180 092	3/8"	30 l/min

Danfoss solenoid coil



24 V / DC / 13 W

R+M Nr.
837 018 791 4

Rapa SV 04



1/4" F. NW 1.5 mm. Solenoid valve with connector. Pressure range 0 - 130 bar. Max. 90 °C

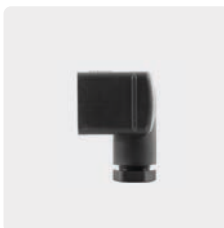
R+M Nr.		
832 01	24 V =	
832 00	24 V ~ 50 Hz	
832 10	230 V ~ 50 Hz	

AK



1/4" F. NW 1.2 mm. Solenoid valve without connector. Pressure range 0 - 180 bar. Max. 90 °C

R+M Nr.			
833 10	48 mm	109 mm	24 V =
833 15	48 mm	109 mm	24 V ~ 50 Hz
833 00	48 mm	109 mm	230 V ~ 50 Hz



R+M Nr.
833 50

Distributor connector block



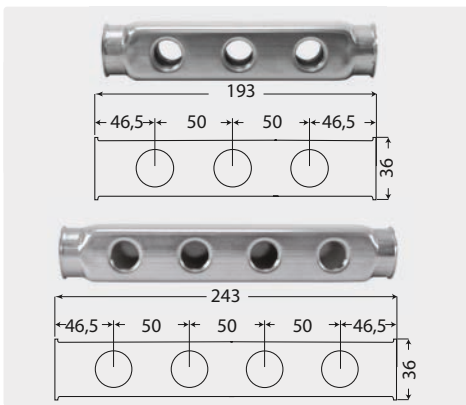
Stainless steel. 2 x 3 connections.
H x W x D: 36 x 193 x 40 mm. 290 g.
Max. 10 bar. 150 °C

R+M Nr.			
725 061 012	1/2" F	1" F	1" F

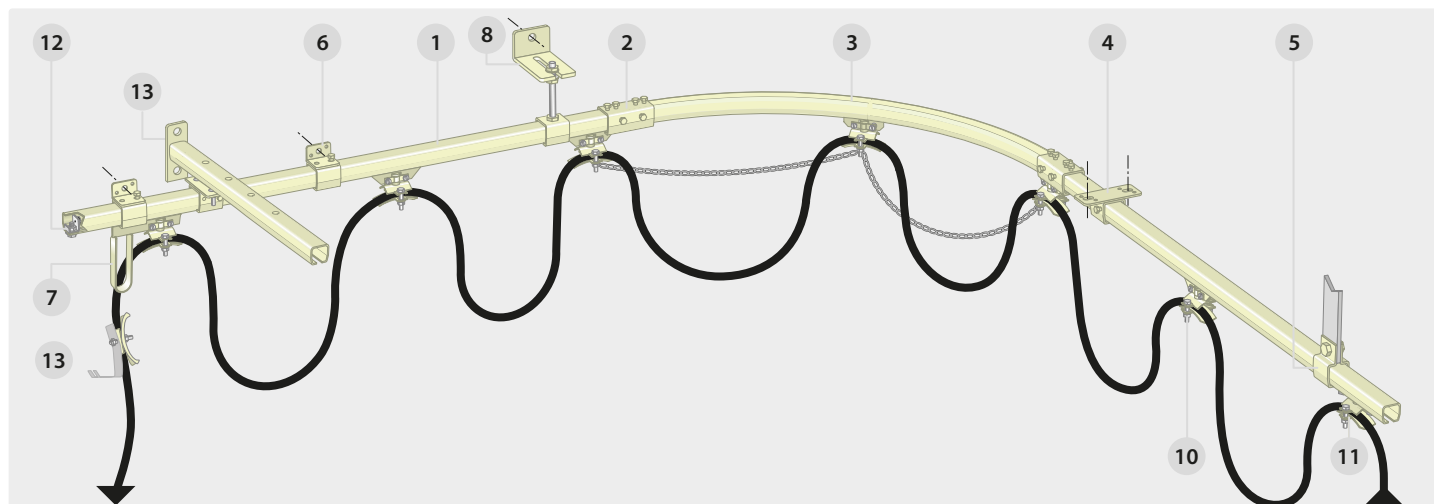


Stainless steel. 4 connections.
H x W x D: 36 x 243 x 40 mm. 390 g.
Max. 10 bar. 150 °C

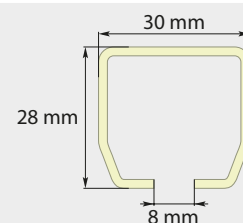
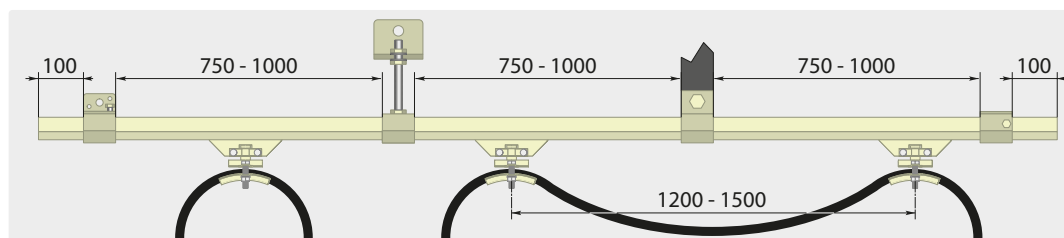
R+M Nr.			
725 041 012	1/2" F	1" F	1" F



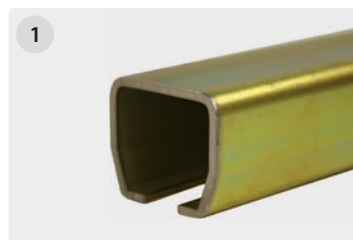
Hose guide system . zinc-plated steel . 28 x 30 mm profile



In case of angle installation it is recommended to connect the trolleys with a chain.



C-rails



R+M Nr.	
107 008 0	6 m

Connecting rails



R+M Nr.	
107 208 0	80 mm

90° C-rails



R+M Nr.	radius
107 508 0	650 mm

Ceiling support brackets



Hole size 63 mm

R+M Nr.	
107 608 0	40 mm

Mount base for flat iron



R+M Nr.	
107 908 0	40 mm

Wall mount base



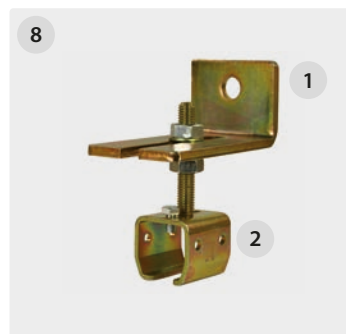
R+M Nr.	
107 108 0	40 mm

Mounting brackets



R+M Nr.		
107 901 0	1	300 mm
107 902 0	2	VPE = 50

Adjustable bracket in height + double wall angle



Angle length 100 mm

R+M Nr.		TYP
107 808 1	1	angle
107 808 2	2	sleeve

Please use the hose guide system made out of stainless steel in case of saline conditions!

Hose guide system . zinc-plated steel . 28 x 30 mm profile

Attachment trolleys

7



Weight max. 10 kg

R+M Nr.	outer
107 308 07	8 - 15 mm
107 308 06	16 - 24 mm

Lance Holder

Clamp galvanized steel, holder stainless steel. For Hose- 16-24 mm

R+M Nr.
200 000 180

Twin hose trolleys

9



Weight max. 10 kg

R+M Nr.	outer
107 308 012	8 - 15 mm
107 308 002	16 - 24 mm

13



new

Hose trolleys

10



Weight max. 10 kg

R+M Nr.	outer
107 308 01	8 - 15 mm
107 308 0	16 - 24 mm

End clamps

11



Weight max. 10 kg

R+M Nr.	outer
107 708 01	8 - 15 mm
107 708 0	16 - 24 mm

Bumpers

12

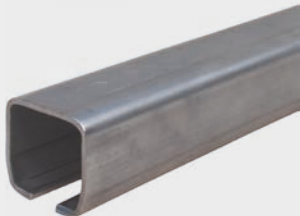


R+M Nr.
107 408 0

Hose guide system . stainless steel V2A / AISI 304 . 28 x 30 mm profile

C-rails

1



R+M Nr.	
107 008 09	6 m

Mounting brackets



R+M Nr.	
107 901 9 1	300 mm
107 902 8 2	= 50

Connecting rails

2



R+M Nr.
107 208 09

Ceiling support brackets

4



Hole size 63 mm

R+M Nr.	
107 608 09	40 mm

Adjustable bracket in height + double wall angle

8



Angle length 100 mm

R+M Nr.	
107 808 19 1	angle
107 808 29 2	sleeve

Bumpers

12



R+M Nr.
107 408 09

Attachment trolleys

7



Suitable for hoses up to 24 mm

R+M Nr.
107 308 069

Hose trolleys

10



Suitable for hoses up to 24 mm

R+M Nr.
107 308 09

Hose end clamps

11



Suitable for hoses up to 24 mm

R+M Nr.
107 708 09

Symbols type packing unit length shipment by truck weight marking pressure nominal diameter inlet outlet

Automatic hose reels

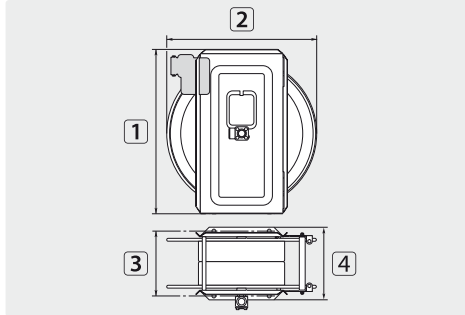
The ST and SoST series are robust and reliable hose reel models with automatic spring return with the following characteristics:

- » Maintenance-free slide bearings made out of plastics being resistant to chemicals, wetness and dirt.
- » There are 8 positions per rotation to stop the hose. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.

» Suitable for the mediums water or water with cleaning detergent, air, oils and greases.

» Further models are available on request: electrostatically buffed suitable for the food industry or the ATEX version designed for applications in explosion-proof areas.

ST 14 / ST 20 / ST 30 / ST 40

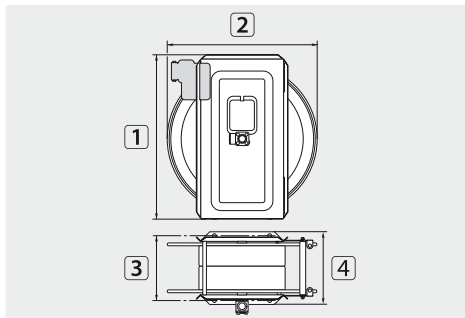


TYP	outer Ø = hose
01	15.0 mm = 14 m
02	15.0 mm = 20 m
03	15.0 mm = 40 m
08	25.0 mm = 10 m
09	25.0 mm = 36 m
10	15.0 mm = 28 m

Powder-coated steel. Application in dry areas

R+M Nr.	★	⊕	⊖	DN	P	°C	g	1	2	3	4	TYP
750 14	●	3/8" F	3/8" F	10	400 bar	90 °C	14.0 kg	440 mm	400 mm	176 mm	206 mm	01
750 141	●	M22 M	M22 M	10	400 bar	90 °C	14.0 kg	440 mm	400 mm	176 mm	206 mm	01
750 20	●	3/8" F	3/8" F	10	400 bar	90 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	02
750 201	●	M22 M	M22 M	10	400 bar	90 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	02
750 30	■	3/8" F	3/8" F	10	400 bar	90 °C	18.0 kg	500 mm	460 mm	226 mm	256 mm	10
750 40	■	3/8" F	3/8" F	10	400 bar	90 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	03
750 401	■	M22 M	M22 M	10	400 bar	90 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	03
750 201 9	●	3/4" F	3/4" F	19	200 bar	90 °C	17.0 kg	500 mm	460 mm	176 mm	206 mm	08
750 401 9	▲	3/4" F	3/4" F	19	200 bar	90 °C	26.5 kg	500 mm	460 mm	376 mm	406 mm	09

ST 14 / ST 20 / ST 30 / ST 40



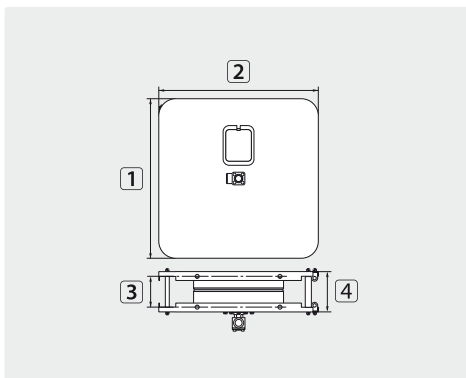
TYP	outer Ø = hose
01	15.0 mm = 14 m
02	15.0 mm = 20 m
03	15.0 mm = 40 m
04	15.0 mm = 57 m
05	20.0 mm = 17 m
06	20.0 mm = 25 m
07	20.0 mm = 37 m
09	25.0 mm = 36 m
10	15.0 mm = 28 m

Stainless steel V2A / AISI 304. Application in wet areas

R+M Nr.	★	⊕	⊖	DN	P	°C	g	1	2	3	4	TYP
740 14	●	3/8" F	3/8" F	10	400 bar	90 °C	14.0 kg	440 mm	400 mm	176 mm	206 mm	01
740 141	●	M22 M	M22 M	10	400 bar	90 °C	14.0 kg	440 mm	400 mm	176 mm	206 mm	01
740 20	●	3/8" F	3/8" F	10	400 bar	90 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	02
740 201	●	M22 M	M22 M	10	400 bar	90 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	02
740 30	■	3/8" F	3/8" F	10	400 bar	90 °C	18.0 kg	500 mm	460 mm	226 mm	256 mm	10
740 301	■	M22 M	M22 M	10	400 bar	90 °C	18.0 kg	500 mm	460 mm	226 mm	256 mm	06
740 312	■	1/2" F	1/2" F	12	400 bar	90 °C	18.0 kg	500 mm	460 mm	226 mm	256 mm	06
740 40	■	3/8" F	3/8" F	10	400 bar	90 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	03
740 401	■	M22 M	M22 M	10	400 bar	90 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	03
740 60	▲	3/8" F	3/8" F	10	400 bar	90 °C	32.5 kg	500 mm	460 mm	376 mm	406 mm	04
740 201 2	●	1/2" F	1/2" F	12	300 bar	90 °C	16.0 kg	500 mm	460 mm	176 mm	206 mm	05
740 401 2	■	1/2" F	1/2" F	12	300 bar	90 °C	25.0 kg	500 mm	460 mm	276 mm	306 mm	07
740 401 9	▲	3/4" F	3/4" F	19	200 bar	90 °C	26.5 kg	500 mm	460 mm	376 mm	406 mm	09

Automatic hose reels

SoST 14 / SoST 20

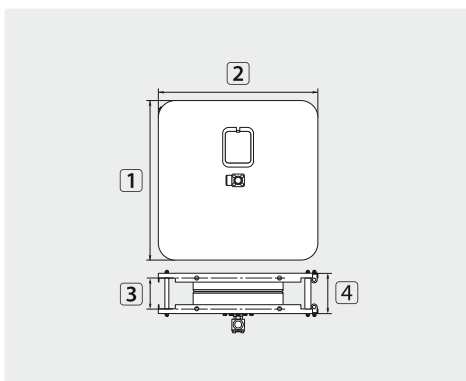


TYP	outer $\varnothing$ = hose $\leftrightarrow$
01	15.0 mm = 14 m
02	15.0 mm = 20 m

Powder-coated steel. Application in dry areas

R+M Nr.	★	⊕	⊖	DN	P	°C	⊞	1	2	3	4	TYP
740 002	●	3/8" F	1/2" F	10	400 bar	90 °C	14.0 kg	470 mm	470 mm	107 mm	135 mm	01
740 005	●	3/8" F	1/2" F	10	400 bar	90 °C	16.0 kg	470 mm	470 mm	167 mm	195 mm	02

SoST 14 / SoST 20



TYP	outer $\varnothing$ = hose $\leftrightarrow$
01	15.0 mm = 14 m
02	15.0 mm = 20 m

Stainless steel V2A / AISI 304. Application in wet areas

R+M Nr.	★	⊕	⊖	DN	P	°C	⊞	1	2	3	4	TYP
740 008	●	3/8" F	1/2" F	10	400 bar	90 °C	14.0 kg	470 mm	470 mm	107 mm	135 mm	01
740 009	●	3/8" F	1/2" F	10	400 bar	90 °C	16.0 kg	470 mm	470 mm	167 mm	195 mm	02

Symbols ⊞ weight TYP type °C temperature DN nominal diameter P pressure ★ marking ⊕ inlet ⊖ outlet 1 height ⊙ thread M material

Accessories for hose reels

Wall swivel brackets ST 14 / ST 20



180° swivel

R+M Nr.	★	M
741 00	●	zinc-plated steel
741 01	●	stainless steel *

*V2A / AISI 304

Wall swivel brackets ST 30 / ST 40



180° swivel

R+M Nr.	★	M
741 001	■	zinc-plated steel
741 011	■	stainless steel *

Wall swivel brackets ST 40



180° swivel

R+M Nr.	★	M
741 003	▲	zinc-plated steel
741 012	▲	stainless steel *

Counterplates ST14/20/30/40



R+M Nr.	M
741 002	stain. steel *

Swivels ST-322


3/8" F : 3/8" M. DN 10.
Max. 400 bar / 90 °C

R+M Nr.	I
200 322 500	65 mm


1/2" F : 3/8" M. DN 10.
Max. 300 bar / 90 °C

R+M Nr.	I
200 322 510	65 mm


1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

R+M Nr.	I
200 322 520	67 mm

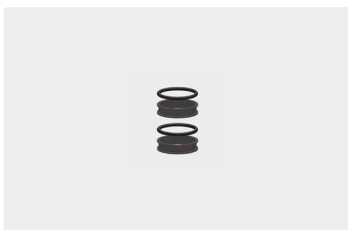

1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

R+M Nr.	I
200 322 522	68 mm

ST / SoST



Swivel 200 bar



Seal kit swivel 200 bar

Repair kit ST-322



Repair kit swivels ST-322

Hose guides



Wall hose guide frame. 50 x 37 mm

R+M Nr.	⊙
750 400 1	3/4"

R+M Nr.	TYP
750 400 2	3/4"

R+M Nr.
200 322 490

R+M Nr.
741 06


1/4" F : 3/8" M. Housing and axle
stainless steel. Max. 600 bar / 90 °C

R+M Nr.	I
750 280 0	59 mm



Seal kit swivel 750 280 0

R+M Nr.
750 200 2

Hose stops


Hose stop with six
exchangeable inserts.
Hose ⊘ 10 - 34 mm

R+M Nr.
741 03



R+M Nr.	⊗
200 000 171	14.5
200 000 170	16.0
200 000 172	17.7
200 000 173	21.5
200 000 174	24.5

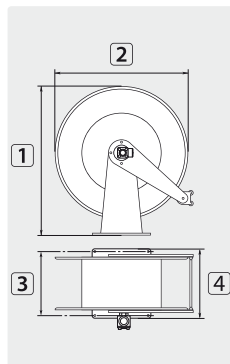
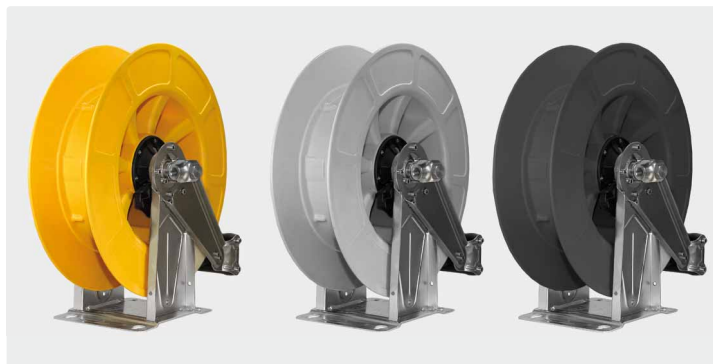
Bolt sets


Stainless steel. Set for
bracket

R+M Nr.
741 02

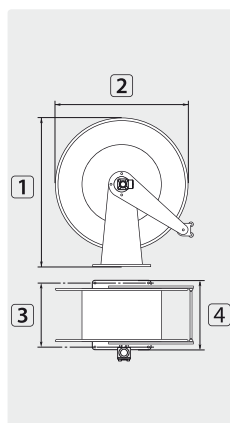
Inox automatic hose reels

- » Base frame stain. steel V2A / AISI 304. Reel made out of especially impact-resistant ABS plastic which is usually used for the manufacture of motorcycle helmets and in the automotive industry.
- » Due to the high quality construction of the automatic spring-driven high pressure hose reels they are suitable for applications in service stations, garages, in the agriculture and in the building industry etc.
- » The automatic hose reels are easy to install in every place such as wall, ceiling, vehicle etc. An optionally available wall bracket enables an easy mounting of the hose reel.
- » All models offer a traction release. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.
- » Due to the processed materials the hose reels are unhesitatingly suitable for the mediums water, water with cleaning detergent, oils, greases and air.
- » They are suitable for a working pressure of max. 300 bar and a temperature of max. 90 °C.



TYP	outer Ø = hose
05	17.0 mm = 21 m
05	19.5 mm = 16 m
05	22.0 mm = 14 m

R+M Nr.	C	★	Ⓒ	Ⓔ	DN	P	°C	Ⓔ	1	2	3	4	TYP
764 434 30	yellow	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 32	yellow	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 34	yellow	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
R+M Nr.	C	★	Ⓒ	Ⓔ	DN	P	°C	Ⓔ	1	2	3	4	TYP
764 434 31	grey	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 33	grey	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 35	grey	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
R+M Nr.	C	★	Ⓒ	Ⓔ	DN	P	°C	Ⓔ	1	2	3	4	TYP
764 434 36	black	●	1/2" F	1/2" F	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 37	black	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05
764 434 38	black	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	05



TYP	outer Ø = hose
02	18.5 mm = 28 m
02	20.0 mm = 26 m
02	22.0 mm = 24 m

R+M Nr.	C	★	Ⓒ	Ⓔ	DN	P	°C	Ⓔ	1	2	3	4	TYP
763 532 30	grey	▲	1/2" F	1/2" F	12	300 bar	90 °C	19:0 kg	560 mm	510 mm	153 mm	203 mm	02

Symbols ★ marking Ⓒ inlet Ⓔ outlet DN nominal diameter P pressure Ⓔ weight TYP type °C temperature ⇄ length

Automatic hose reels

Due to the high quality construction of the automatic spring-driven high pressure hose reels they are suitable for applications in service stations, garages, in the agriculture and in the building industry etc.

- » The automatic hose reels are easy to install in every place such as wall, ceiling, vehicle etc. An optionally available wall bracket enables an easy mounting of the hose reel.
- » All models offer a traction release. A quick pull unmakes the locking device.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a ring as sealing element.
- » Due to the processed materials the hose reels are unhesitatingly suitable for the mediums water, water with cleaning detergent,

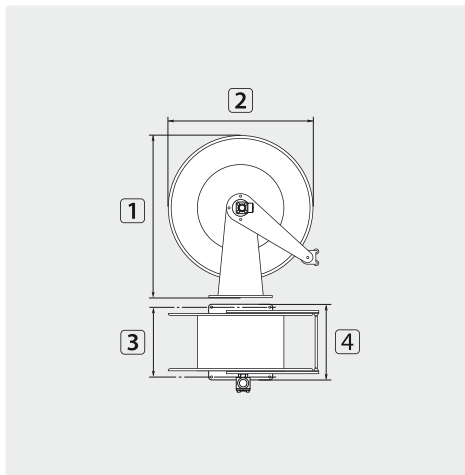
oils, greases and air.

- » Fixed as well as swivelling brackets are available for all models. Both brackets and hose reels are made out of stainless steel V2A / AISI 304.
- » According to directive 94/9/EG (Atex 95/100) the hose reels are suitable for applications in mining and explosion-proof areas.
- » They can be used in explosive zones 1 + 2 (gas) and 21 + 22 (dust). The temperature has to be defined accordingly.



II 2/GD c (T4) 135 °C X

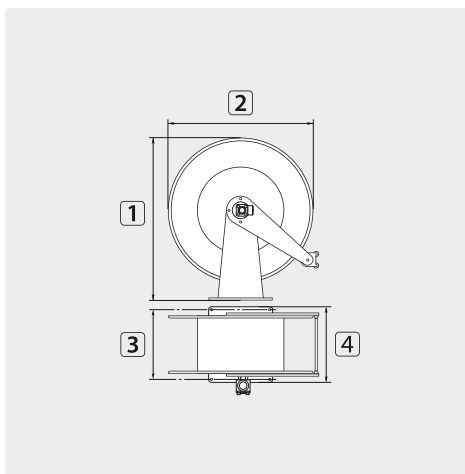
R+M 434



TYP	outer $\varnothing$ = hose $\leftrightarrow$
01	17.0 mm = 21 m
01	19.5 mm = 16 m
01	22.0 mm = 14 m

R+M Nr.	★	C	↺	DN	P	°C	g	1	2	3	4	TYP
763 434 30	●	1/2" F	1/2" F	12	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01
763 434 31	●	M22 M	plug coupling 11 mm	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01
763 434 32	●	M22 M	M22 M	10	300 bar	90 °C	14.0 kg	460 mm	420 mm	140 mm	186 mm	01

R+M 534

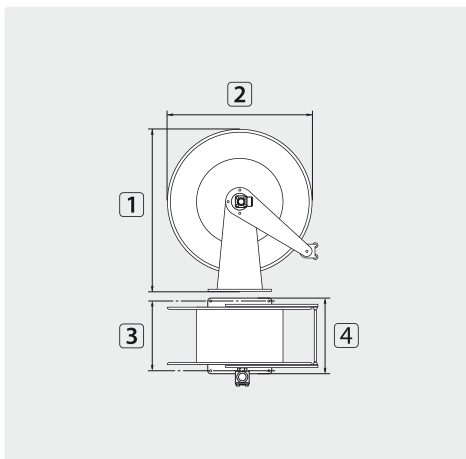


TYP	outer $\varnothing$ = hose $\leftrightarrow$
02	18.5 mm = 28 m
02	20.0 mm = 26 m
02	22.0 mm = 24 m

R+M Nr.	★	C	↺	DN	P	°C	g	1	2	3	4	TYP
763 534 30	▲	1/2" F	1/2" F	12	300 bar	90 °C	19.0 kg	560 mm	510 mm	153 mm	203 mm	02
763 534 31	▲	M22 M	plug coupling 11 mm	10	300 bar	90 °C	19.0 kg	560 mm	510 mm	153 mm	203 mm	02

Automatic hose reels

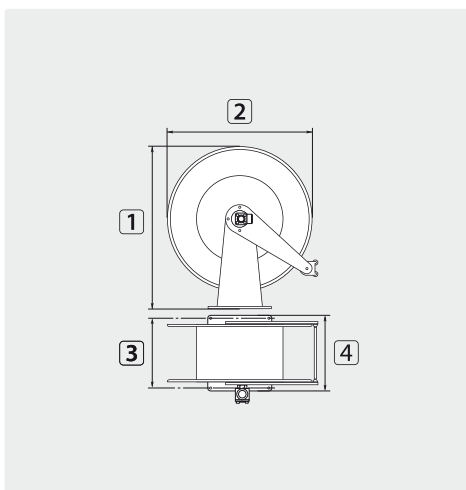
R+M 544



TYP	outer $\varnothing$ = hose $\leftrightarrow$
03	22.0 mm = 30 m
03	28.0 mm = 22 m
03	34.0 mm = 17 m

R+M Nr.	★	G	⊖	DN	P	°C	⊞	1	2	3	4	TYP
763 544 30	■	1/2" F	1/2" F	12	300 bar	90 °C	24.0 kg	573 mm	510 mm	218 mm	300 mm	03
763 544 20	■	1" F	1" F	19	100 bar	90 °C	24.0 kg	573 mm	510 mm	218 mm	300 mm	03

R+M 564



TYP	outer $\varnothing$ = hose $\leftrightarrow$
04	22.0 mm = 60 m
04	30.0 mm = 40 m
04	35.0 mm = 30 m

R+M Nr.	★	G	⊖	DN	P	°C	⊞	1	2	3	4	TYP
763 564 30	▼	1/2" F	1/2" F	10	300 bar	90 °C	30.0 kg	578 mm	510 mm	399 mm	488 mm	04

Symbols ★ marking G inlet ⊖ outlet DN nominal diameter P pressure $\leftrightarrow$ length ⊞ weight TYP type °C temperature 1 height

Accessories for hose reels

Wall swivel brackets



Stainless steel V2A / AISI 304. 80° swivel

R+M Nr.	★
763 430 06	●
763 530 06	▲
763 540 06	■

Wall brackets



Stainless steel. Optionally as fit-up aid

R+M Nr.	★
763 430 02	●
763 530 02	▲
763 540 02	■
763 560 02	▼

Swivels ST-322



Repair kit swivel ST-322

R+M Nr.
200 322 490

☑ M28 M. DN 12. Max. 300 bar / 90 °C

R+M Nr.	i	☑
200 322 523	79.5 mm	1/2" F
200 322 525	79.5 mm	3/8" F

Centrifugal brake mechanism



For Model 430 - 560

R+M Nr.
763 430 020

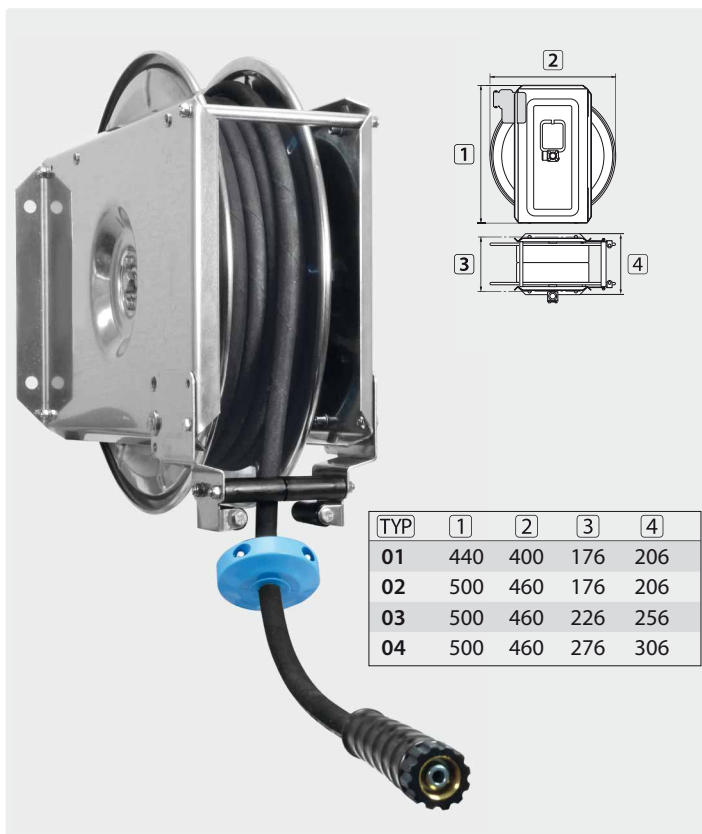
Automatic inlet window



For Model 430, 530, 540 and 560 VA

R+M Nr.	TYP
763 443 12	R+M 430
763 453 12	R+M 530
763 454 12	R+M 540
763 456 12	R+M 560

Automatic hose reel, mounted with pre-assembled HP-hoses



Hose reel: Stainless steel V2A / AISI 304. There are 8 positions per rotation to stop the hose. A quick pull unmakes the locking device. Suttner swivel ST-322 made out of stainless steel.

Max. 90 °C



TYP 01 with HP-hose: 1 SN. DN 10. 10 metres.

Wrapped, black cover

R+M Nr.	P	G	☺	★
740 140 01	210 bar	3/8" F	M22 F	●

TYP 02 with HP-hose: 2 SC. DN 8. 20 metres.

Wrapped, black cover

R+M Nr.	P	G	☺	★
740 202 201	400 bar	M22 M	M22 F stainless steel	●

TYP 03 with HP-hose: 1 SN. DN 8. 30 metres.

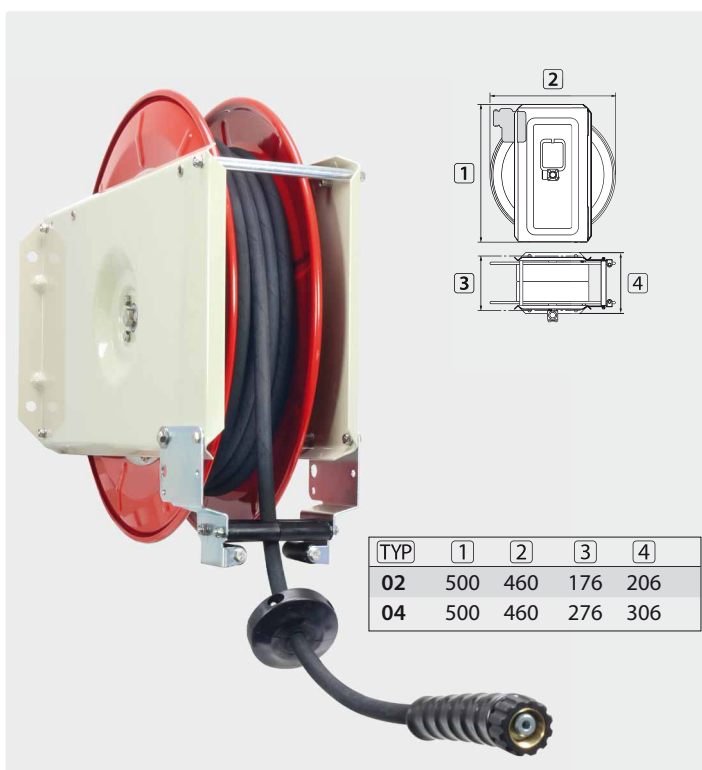
Smooth, black cover, outlet stainless steel

R+M Nr.	P	G	☺	★
740 302 222	250 bar	M22 M	M22 F stainless steel	■

TYP 04 with HP-hose: 2 SC. DN 8. 40 metres.

Wrapped, black cover, outlet stainless steel

R+M Nr.	P	G	☺	★
740 402 201	400 bar	M22 M	M22 F stainless steel	■



Hose reel: Powder-coated steel. There are 8 positions per rotation to stop the hose. A quick pull unmakes the locking device. Suttner swivel ST-322 made out of stainless steel.

Max. 90 °C



TYP 02 with HP-hose: 2 SC. DN 8. 20 metres.

Wrapped, black cover

R+M Nr.	P	G	☺	★
750 202 201	400 bar	M22 M	M22 F stainless steel	●

TYP 04 with HP-hose: 2 SC. DN 8. 40 metres.

Wrapped, black cover

R+M Nr.	P	G	☺	★
750 402 201	400 bar	M22 M	M22 F stainless steel	■

TYP 04 with HP-hose: 2 SC. DN 8. 30 metres.

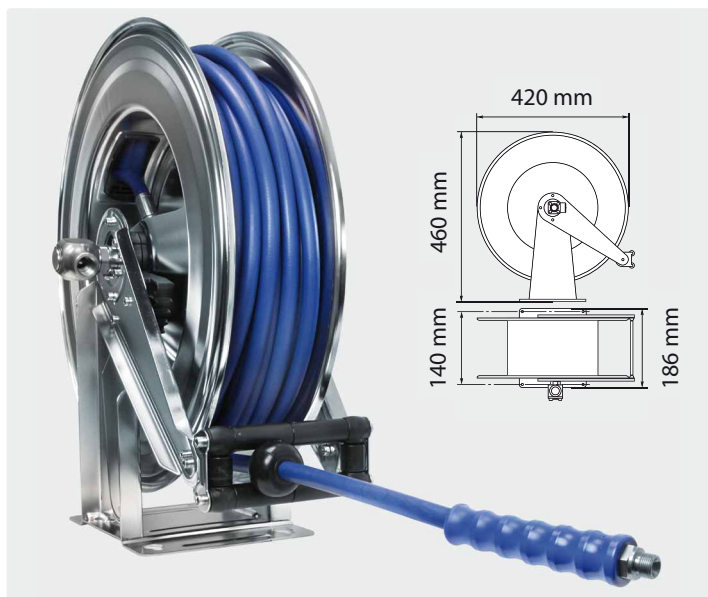
Wrapped, black cover

R+M Nr.	P	G	☺	★
750 402 202	400 bar	M22 M	M22 F stainless steel	■

new

Symbols ★ marking ☺ inlet ☺ outlet P pressure TYP type 🚚 shipment by truck

Automatic hose reel, mounted with pre-assembled HP-hoses



Hose reel: Stainless steel V2A / AISI 304. With automatic spring-drive and traction release. Suttner swivel ST-322 made out of stainless steel. Max. 90 °C



with HP-hose: 2 SN. DN 8. 20 metres. Smooth, blue cover. Outlet stainless steel

R+M Nr.	P	C	↺	★
763 434 001	300 bar	1/2" F	3/8" M stainless steel	●



Hose reel: Base frame stainless steel V2A / AISI 304. Reel made out of especially impact-resistant ABS plastic with automatic spring-drive and traction release. Suttner swivel ST-322 made out of stainless steel. Max. 90 °C



Reel with HP-hose: 2 SC. DN 8. 20 metres. Wrapped, blue cover

R+M Nr.	P	C	↺	reel	★
764 434 503	300 bar	M22 M	M22 F	black	●

Reel with HP-hose: 2 SC. DN 8. 20 metres. Wrapped, black cover

R+M Nr.	P	C	↺	reel	★
764 434 311	300 bar	M22 M	M22 F	grey	●

Reel with HP-hose: 2 SC. DN 8. 20 metres. Wrapped, black cover

R+M Nr.	P	C	↺	reel	★
764 434 500	300 bar	M22 M	M22 F	black	●

Reel with HP-hose: 1 SN. DN 8. 20 metres. Wrapped, black cover

R+M Nr.	P	C	↺	reel	★
764 434 502	210 bar	M22 M	M22 F	black	●



R+M service

In case of an order for hose reels and hose please be informed that we are willingly prepared to directly mount the assembled hose on your desired hose reel.
For this purpose you only have to state the **R+M Nr. 740 00** on your order.
It's definitely worth booking this service!
Should you require more information about our offer, do not hesitate to contact us at any time!
We are looking forward to receiving your order.

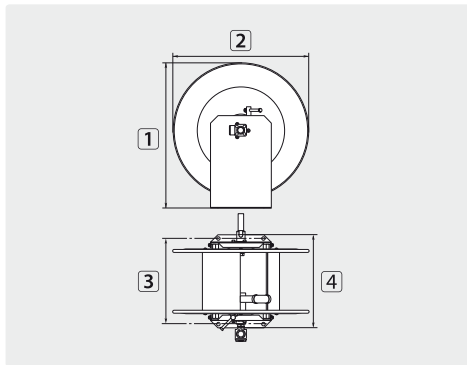
R+M Nr.
740 00

High pressure hose reels

STKI

The STKI series suitable for applications in craft and industry:

- » The base frame is made out of canted steel sheet profiles which stand for excellent stability.
- » The drum rotates by means of an adjustable handwheel being equipped with a free-wheel polyamide grip.
- » By means of a mechanical brake integrated in the bearing the drum can be slowly decelerated or even totally blocked.
- » Suitable for the mediums water or water with cleaning detergent, air, oils and greases.
- » The hose reels are all equipped with a swivel ST-322. The swivels ST-322 are completely made out of stainless steel and have a slide ring as sealing element.



TYP	outer $\varnothing$ = hose $\leftrightarrow$
01	22.0 mm = 35 m
02	22.0 mm = 70 m
03	22.0 mm = 100 m
04	22.0 mm = 115 m
05	28.0 mm = 20 m
06	28.0 mm = 40 m
07	28.0 mm = 60 m
08	28.0 mm = 70 m
09	28.0 mm = 80 m
10	35.0 mm = 61 m

Stainless steel V2A / AISI 304

R+M Nr.	C	⊖	DN	P	°C	⊗	1	2	3	4	TYP
739 50	1/2" F	1/2" F	10	300 bar	90 °C	10.5 kg	515 mm	465 mm	280 mm	312 mm	01
739 60	1/2" F	1/2" F	10	300 bar	90 °C	13.5 kg	515 mm	465 mm	480 mm	512 mm	02
739 65	1/2" F	1/2" F	10	300 bar	90 °C	15.7 kg	515 mm	465 mm	680 mm	712 mm	03
739 701 2	1/2" F	1/2" F	10	300 bar	90 °C	16.8 kg	515 mm	465 mm	780 mm	812 mm	04
739 501 9	3/4" F	3/4" F	19	200 bar	90 °C	11.7 kg	515 mm	465 mm	280 mm	312 mm	05
739 601 9	3/4" F	3/4" F	19	200 bar	90 °C	14.7 kg	515 mm	465 mm	480 mm	512 mm	06
739 651 9	3/4" F	3/4" F	19	200 bar	90 °C	16.9 kg	515 mm	465 mm	680 mm	712 mm	07
739 70	3/4" F	3/4" F	19	200 bar	90 °C	18.0 kg	515 mm	465 mm	780 mm	812 mm	08
739 801 9	3/4" F	3/4" F	19	200 bar	90 °C	19.1 kg	515 mm	465 mm	880 mm	912 mm	09
739 702 4	1" F	1" F	24	100 bar	90 °C	18.3 kg	515 mm	465 mm	780 mm	812 mm	10

Accessories for hose reels

Elbow swivels



3/8" F : 3/8" M. DN 10.
Max. 400 bar / 90 °C

R+M Nr.	1
200 322 500	65 mm



1/2" F : 3/8" M. DN 10.
Max. 300 bar / 90 °C

R+M Nr.	1
200 322 510	65 mm



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

R+M Nr.	1
200 322 520	67 mm



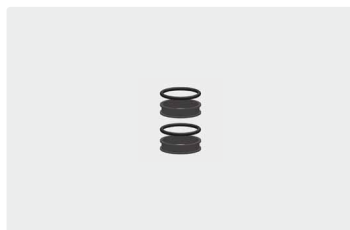
1/2" F : 1/2" M. DN 12.
Max. 300 bar / 90 °C

R+M Nr.	1
200 322 522	68 mm

ST / SoST



Swivel 200 bar



Repair kit swivel 750 400 1

R+M Nr.	⊙
750 400 1	3/4"

R+M Nr.	TYP
750 400 2	3/4"

Accessories for hose reels

Canister holder

- » Material: made out of stainless steel
- » Optimal sizes:
 - type 1: suitable for 5, 10 or 12 liter canister
 - type 2: suitable for 20 or 25 liter canister
- » Mounting holes 8.5 mm
- » One-piece item
- » High loading capacity by solid quality
- » Open base for placing the canister, thus ensuring an unhindered discharge of spilled liquids
- » Strength of material: 1.5 mm



R+M Nr.	H x W x D	8
105 000 001	160 x 250 x 210	1.2 kg
105 000 002	200 x 285 x 310	2.0 kg

Hose reel trolley



With optionally available extension plate

- » Trolley for mounting hose reels
- » Stainless steel. Trolley with two grey and non-fading wheels.
- » Manoeuvrable and easy to handle such as a sack truck
- » Ergonomic plastic handle strip which is easily unscrewable for the food industry
- » One lance holder on each side, diameter: 37 mm
- » H x W x D: 1,175 x 700 x 650 mm
- » Suitable for the hose reels ST-71 (200 071 705), STKI 20 and STKI 40 (739 50, 739 601 9, 739 60, 739 501 9, 739 601 9)

R+M Nr.	8
712 000 070	7.9 kg

- » **Extension plate made of stainless steel**
- » Easy installation
- » Including fastening material
- » 4 vibration dampers made of stainless steel and elastic natural rubber 55 °. Rubber buffer type A. M10 x 28. Spring stiffness: 500 N / mm. Load: 2,000 N
- » For large hose reels: 739 65; 739 651 9 and 739 602 0

Extension plate, optional



R+M Nr.
105 000 103

Trolley



- » Multifunctional trolley for foam and disinfection units
- » Stainless steel. Trolley with two grey and non-fading wheels.
- » Manoeuvrable and easy to handle such as a sack truck
- » Open space for placing the canister, thus ensuring an unhindered discharge of spilled liquids
- » Ergonomic plastic handle strip which is easily unscrewable for the food industry
- » Two laterally attached lance holder
- » Sufficient space for 2 container with chemicals comprising up to 25 kg each.
- » H x W x D 1,150 x 540 x 620 mm

R+M Nr.	8
710 000 163 389	14.0 kg

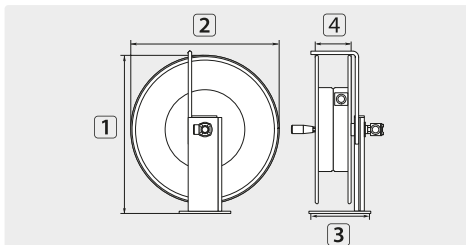
High pressure hose reels

STK

Series STK made out of deep-drawing metal sheet:

- » Fold-away handwheel
- » Adjustable braking and blocking device.
- » Steel shackle avoids rolling over of the hose.
- » Maintenance-free synthetic bearing sleeves.

- » The hose reels are all equipped with a swivel ST-322. The swivel ST-322 are completely made out of stainless steel and have a slide ring as sealing element.
- » Suitable for the mediums water or water with cleaning detergent, air, oils and greases.



TYP	outer $\varnothing$ = hose
01	15.0 mm = 24 m
02	15.0 mm = 36 m

Powder-coated steel

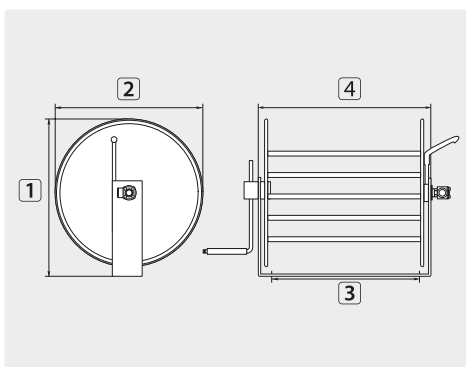
R+M Nr.	C	⊖	DN	P	°C	g	1	2	3	4	TYP
760 20	3/8" F	3/8" F	10	400 bar	90 °C	6.2 kg	437 mm	400 mm	210 mm	100 mm	01
760 30	3/8" F	3/8" F	10	400 bar	90 °C	6.8 kg	500 mm	460 mm	210 mm	100 mm	02

STKI mini

- » The drum rotates by means of an adjustable handwheel being equipped with a free-wheel polyamide grip.
- » By means of a mechanical brake integrated in the bearing the drum can be slowly decelerated or even totally blocked.
- » Suitable for the mediums water or water with cleaning detergent, air,

oils and greases.

- » The hose reels are all equipped with a swivel ST-320. The swivels ST-320 are completely made out of stainless steel and have a slide ring as sealing element.



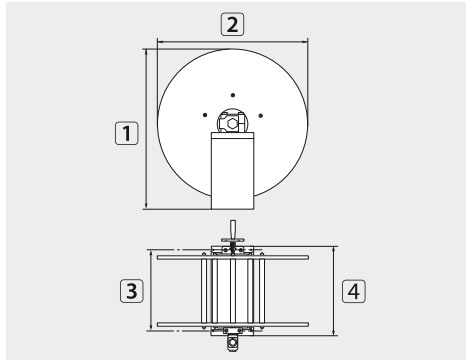
TYP	outer $\varnothing$ = hose
01	15,0 mm = 20 m

Stainless steel V2A / AISI 304

R+M Nr.	C	⊖	DN	P	°C	g	1	2	3	4	TYP
739 40	3/8" F	3/8" F	10	300 bar	90 °C	5,0 kg	298 mm	265 mm	210 mm	258 mm	01

High pressure hose reels ST-71

- » The base frame is made out of stainless steel V2A / AISI 304 and stands for highest stability.
- » Equipped with an especially wide orifice of 12 mm.
- » Suitable media: water or water with cleaning chemicals, air, oils and grease.
- » The drum hub consists of 5 sturdy stainless steel rods and runs in specially maintenance-free bearing sleeves.
- » The drum rotates by means of an adjustable handwheel being equipped with a free-wheel polyamide grip.
- » A mechanical brake makes it possible to lock in 6 positions.
- » This high pressure hose reel is equipped with the swivel ST-322.
- » The Suttner swivels ST-322 are completely made out of stainless steel and have a slide-ring sealing element.
- » Not suitable for being mounted at walls and ceiling.



TYP	outer Ø = hose
01	22.0 mm = 40 m

Stainless steel V2A / AISI 304

R+M Nr.	⊕	⊖	DN	P	°C	⊞	1	2	3	4	TYP
200 071 705	1/2" F	1/2" F	12	300 bar	90 °C	13 kg	460 mm	440 mm	240 mm	290 mm	01

Accessories for ST-71

Swivels ST-322



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 30 r.p.m.
/ 90 °C



Repair kit swivel ST-322

R+M Nr.	⊞	R+M Nr.
200 322 520	67 mm	200 322 490

ST-71 hose reels with sewer cleaning hose assembly

The ST-71 hose reel is equipped with a 15 m Flexy sewer cleaning hose DN 6. The frame of the reel is made out of stainless steel and the reel is made out of plastics.

The space-saving and orderly solution can either be hung up at the wall or refitted in high pressure cleaner.

The hose can be used as extension of high pressure hoses or as sewer cleaning hose.

Max. 300 bar / 90 °C

R+M Nr.	⊕	⊖
200 071 615	1/4" M	M22 M
200 071 620	1/8" M	M22 M
200 071 625	M22 F	M22 M
200 071 626	Quick screw coupling M22 F swivel	M22 M
200 071 630	plug Ø 8.8	M22 M



Symbols ⊕ inlet ⊖ outlet DN nominal diameter P pressure ⊞ height ⇄ length ⊞ weight °C temperature TYP type Ø diameter

High pressure hose reels

High pressure hose reel: plastic.

Swivel: brass / stainless steel.

Holder: steel powder coated.

Max. 250 bar / 90 °C

R+M Nr.				for hose- 	outer- 
738 072 000	3,4 kg	3/8" M	3/8" M	20 m with	20 mm
738 074 00	3,8 kg	3/8" M	3/8" M	40 m with	20 mm



Symbols  inlet  outlet  length  weight  diameter