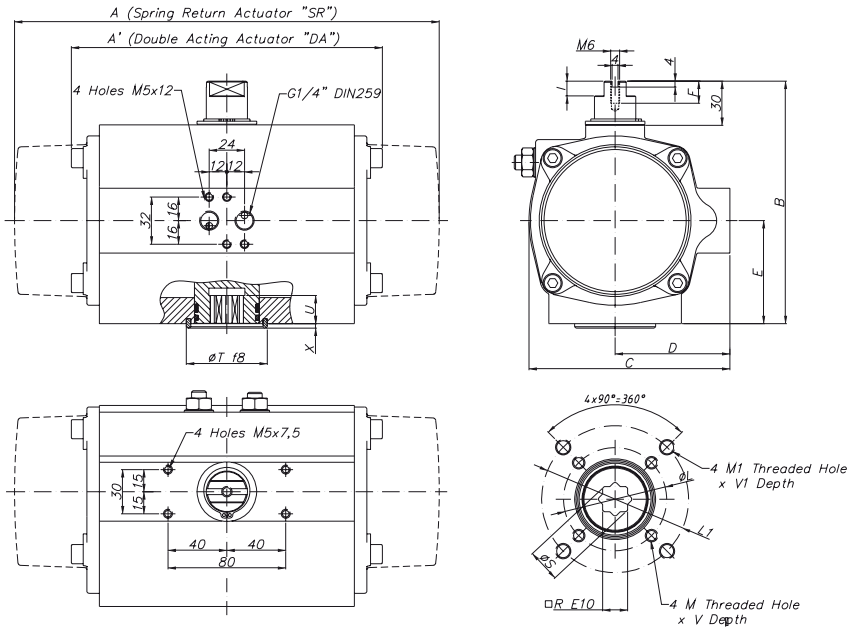


Dimensions*

A	A¹	B	C	D	E	F	I	R	ØS	ISO	ØL	M x V	ISO	ØL¹	M¹ x V¹	ØT	X	U
299	225	165	135,5	78	70	15	10	17	22,5	F07	70	M8 x 16	F10	102	M10 x 16	55	3	23

Max. pressure	Rotation	Screw stroke adjustment	Chamber Ø (mm)	Air volume (L)		Stroke Time (Sec. (A)		Operating Temperature (°C)		
				Opening	Closing	Opening	Closing	STD (std.)	HT (high temp.)	LT (low temp.)
8 bar	90° ± 5°	for 1° need 1/3 turn	104,6	1,19	1,2	D 0,15 S 0,5	D 0,22 S 0,6	NBR O-ring -30°...+100°C	FPM O-ring -15°...+150°C	Silicone O-ring -40°...+80°C

Double acting actuator „DA" torque output in [Nm]

Typ	3 bar		3,5 bar		4 bar		4,5 bar		5 bar		5,5 bar		6 bar²		6,5 bar		7 bar		8 bar		Kg
	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	
D	88		102		117		131		146		161		175		190		205		234		5,6

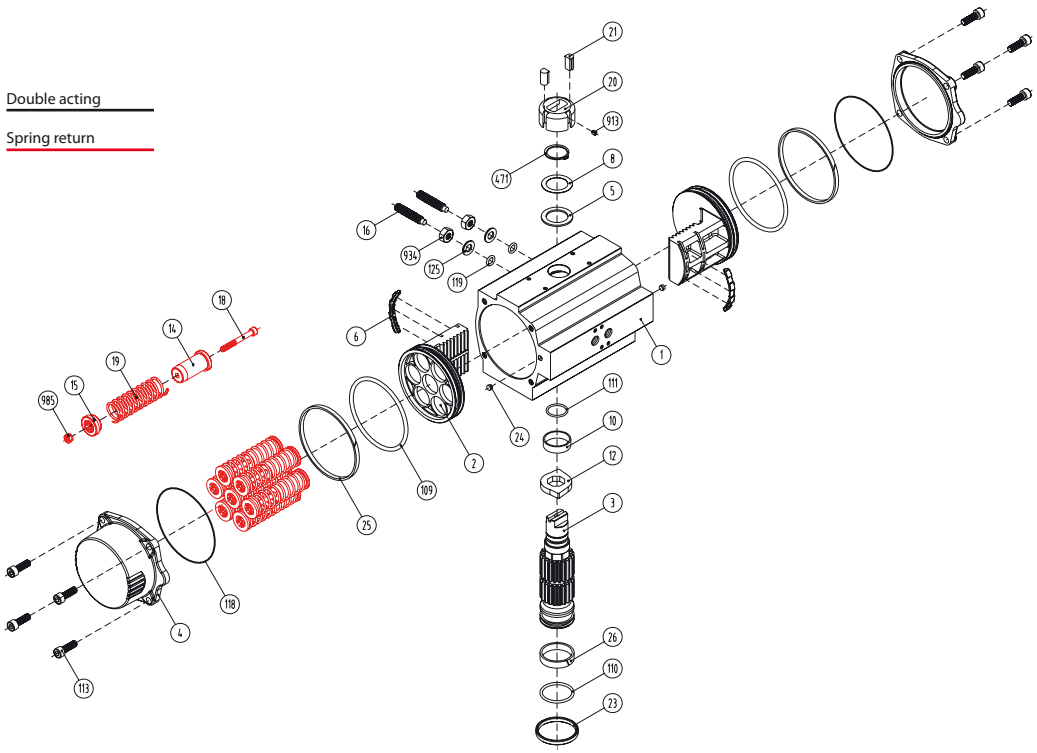
Spring return actuator „SR" torque output in [Nm]

Typ	3 bar		3,5 bar		4 bar		4,5 bar		5 bar		5,5 bar		6 bar (A)		6,5 bar		7 bar		8 bar		Spring stroke		Kg
	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	End	Start	
S06	61	49	76	63	90	78	105	92	119	107	134	122	149	136	163	151	178	166	207	195	31	46	6,5
S08			67	50	81	65	96	79	111	94	125	109	140	123	154	138	169	152	198	182	42	61	6,7
S10					72	52	87	66	102	81	116	96	131	110	146	125	160	139	189	169	52	77	6,9
S12							78	53	93	68	107	83	122	97	137	112	151	126	180	156	63	92	7,0
S14²											99	70	113	84	128	99	142	113	172	143	73	107	7,3

² Standard construction

Double acting

Spring return



Materials

1	**Body**	Aluminium hard anodized
2	**Piston**	Aluminium
3	**Pinion**	Nickel plated carbon steel
4	**End caps**	Aluminium epoxy coated
5	**Soft piston washer**	Polyamide PA 6,6
6	**Slide piston**	Polyamide PA 6,6 + 30% G.F.
8	**Pinion washer**	Stainless steel
10	**Upper pinion bearing**	Hostalen RCH 1000
12	**Stop**	ASTMA 105
14	**(*) Springs long support**	Polyamide PA 6,6
15	**(*) Springs short support**	Polyamide PA 6,6
16	**Leveling screw**	Stainless steel
18	**(*) Bolt**	Stainless steel
19	**(*) Spring**	DIN 2076 - D-5,6
20	**Position indicator**	Polyamide
21	**Cam**	Polyamide
23	**Centering ring**	Nickel plated carbon steel
24	**Plug air stop**	NBR
25	**Slide guide**	Polyamide PA 6,6 + 30% G.F.
26	**Lower pinion bearing**	Hostalen RCH 1000
109	**O-ring**	NBR
110	**O-ring**	NBR
111	**O-ring**	NRB
113	**Bolt**	Stainless steel
118	**O-ring**	NBR
119	**O-ring**	NBR
125	**Washer**	Stainless steel
913	**Set screw**	Stainless steel
471	**External circlip**	Stainless steel
934	**Nut**	Stainless steel
985	**(*) Nut**	Stainless steel

(*) Only for serie SR

General characteristics

Mounting of solenoide valves	Namur Std.	
Mounting of devices	Namur V DI	Namur V DE 3845 Std.
Coupling according	ISO 5211	DIN 3337
Marking	CE	Ex II 2 GDc LCIE 05 AR 022
Test and certificates		
Quality assurance	ISO 9001	

Design and materials can be changed without notice. Errors and omissions excepted

SR200 / DA200

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