



Dimensions*

A	B	C	D	E	F	I	R	ØS	ISO	ØL	M x V	U
100	76	56	33	23	9	6	9	12,1	F03	36	M5 x 8	10

Max. pressure	Rotation		Screw stroke adjustment	Chamber Ø (mm)	Air volume (L)		Operating Temperature (°C)		
	0°	90°			Opening	Closing	STD (std.)	HT (high temp.)	LT (low temp.)
10 bar	90° ± 2°		-	32	0,035	0,028	NBR O-ring	FPM O-ring	Silicone O-ring
							-30°...+100°C	-15°...+150°C	-40°...+80°C

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

D	3 bar		3,5 bar		4 bar		4,5 bar		5 bar		5,5 bar		6 bar ²		6,5 bar		7 bar		8 bar		9 bar		10 bar		Kg
	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	
6																									0,64

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 solenoid 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 Gc LCIE 05 AR 022
Test and certificates		
Quality assurance	ISO 9001	