

Fig No:DA168 / SR168

1/2" ~ 2" (DN 15 ~ DN 50)

DA:Double Acting SR:Spring Return



Valve Specification :

Design specification according to EN 12516-3

Material : Stainless Steel, Carbon Steel or Special Alloy upon request

Blow-out-proof stem design , Anti-static design

Stem packing to comply with **TA-Luft** requirements

Actuator mounting shall be in accordance with ISO 5211

Temperature Range : -4 to 356 °F (-20 to 180 °C)

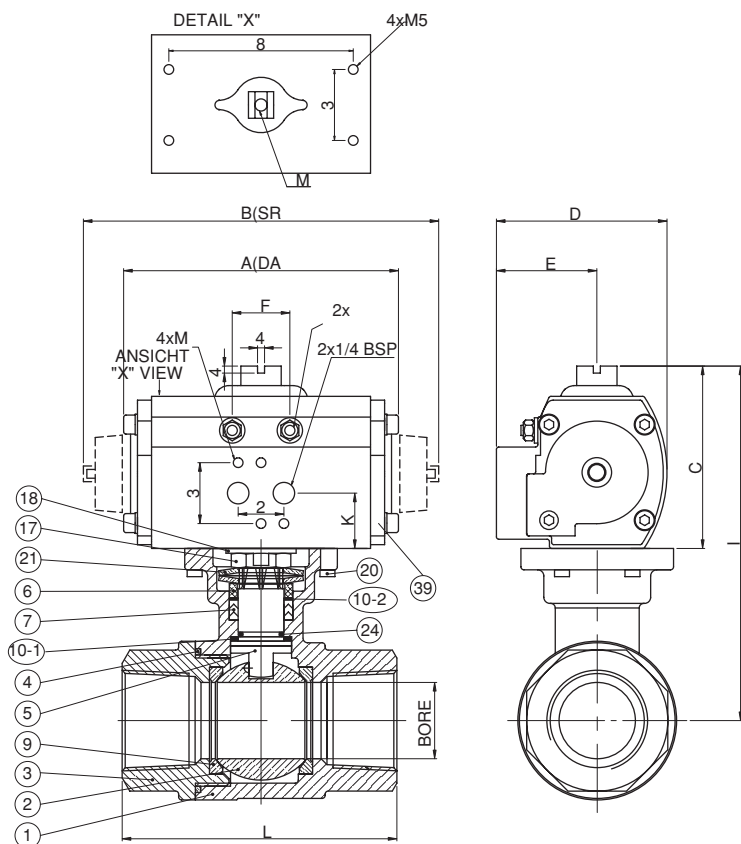
Pressure Test According to API 598

Shell test by water : 1500 Psi

Closure seat by Air : 80 ~ 100 Psi

MATERIALS LIST

NO.	PART NAME	MATERIAL	Q'TY
1	BODY	ASTM A351 GR.CF8M	1
2	BALL	ASTM A351 GR.CF8M	1
3	END CAP	ASTM A351 GR.CF8M	1
4	BODY SEAL	PTFE.	1
5	STEM	SS316	1
6	FOLLOWER	SS304	1
7	STEM PACKING	PTFE.	1 SET
9	SEAT	PTFE.	2
10-1	THRUST WASHER	PTFE. + 15%GF	1
10-2	THRUST WASHER	PTFE. + 25%GF	1
17	STEM NUT	SS304	1
18	TAB WASHER	SS304	1
20	BOLT	SS304	4
21	BELLEVILLE WASHER	SS301	1 SET
24	O-RING	VITON	1
39	PNEUMATIC ACTUATOR	ALUMINUM	1



DIMENSIONS

Unit:mm

SIZE	1/4"		3/8"		1/2"		3/4"		1"		1-1/4"		1-1/2"		2"	
Air Supply	80 PSI		80 PSI		80 PSI		80 PSI		80 PSI		80 PSI		80 PSI		80 PSI	
ACTUATOR	DA	SR	DA	SR	DA	SR	DA	SR	DA	SR	DA	SR	DA	SR	DA	SR
	C-125	C-250 SR2	C-125	C-250 SR2	C-125	C-250 SR2	C-125	C-250 SR4	C-250	C-250 SR4	C-250	C-250 SR4	C-450	C-450 SR3	C-450	C-1000 SR2
BORE	11.5		12.5		15.0		20.0		25.0		32.0		38.0		50.0	
A	120.0	**	120.0	**	120.0	**	120.0	**	144.3	**	144.3	**	149.2	**	149.2	**
B	**	194.6	**	194.6	**	194.6	**	194.6	**	194.6	**	194.6	**	205.6	**	250.0
C	84.0	99.0	84.0	99.0	84.0	99.0	84.0	99.0	99.0	99.0	99.0	99.0	118.0	118.0	118.0	141.0
D	62.2	81.4	62.2	81.4	62.2	81.4	62.2	81.4	81.4	81.4	81.4	81.4	95.0	95.0	95.0	119.0
E	33.7	47.8	33.7	47.8	33.7	47.8	33.7	47.8	47.8	47.8	47.8	47.8	51.5	51.5	51.5	64.5
F	24.0	32.5	24.0	32.5	24.0	32.5	24.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	46.2
G	MxP0.8	M5xP0.8	MxP0.8	M5xP0.8	MxP0.8	M5xP0.8	MxP0.8	M5xP0.8	M5xP0.8	M5xP0.8	M5xP0.8	M5xP0.8	M6xP1.0	M6xP1.0	M6xP1.0	M8xP1.25
H	23.5	29.7	23.5	29.7	23.5	29.7	23.5	29.7	29.7	29.7	29.7	29.7	30.2	30.2	30.2	33.5
I	121.0	136.0	121.0	136.0	121.0	136.0	127.5	142.5	152.5	152.5	158.5	158.5	158.5	158.5	193.1	216.1
L	65.3		65.3		65.3		77.3		88.7		102.4		109.0		125.3	