



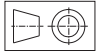
Hydraulic Manifold Cylinders

Single Acting, Spring Return



Type-A

Type-B



Description

- These are push type, single acting spring return cylinders which can be fitted either in tapped holes in the fixture or in a manifold.

Features

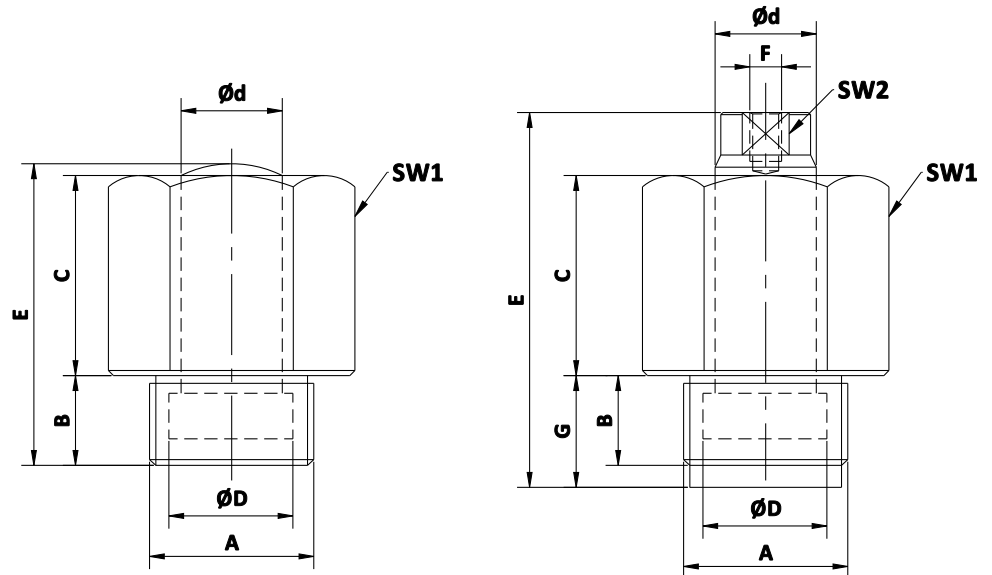
- Type : Single Acting, Spring Return
- Min. working pressure : 10 kg/cm²
- Max. working pressure : 200 kg/cm²

Application

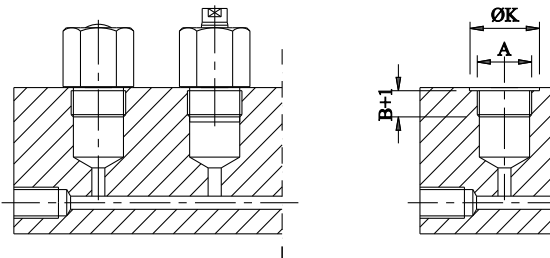
- Suitable for mounting close together.
- Multiple piping can be eliminated.

Important Notes

- Threaded body cylinders must not be loaded in retracted position.
- Breather should be protected from cutting liquids and coolants.
- For seal kits, add prefix SK to part no.



Mounting Arrangement



- All dimensions are in mm
- Overall dimensional tolerance ± 0.5 mm

SPECIFICATIONS	TYPE - A					TYPE - B				
BORE DIA D	8	12	16	25	32	12	16	25	32	
STROKE ± 0.5 mm	4	4	6	12	16	8	10	10	16	
FORCE in kgf @ 200 kg/cm ²	100	225	400	982	1600	225	400	982	1600	
Min. PRESSURE (bar)	10	10	10	10	10	10	10	10	10	
OIL VOLUME (cc)	0.2	0.9	2	8	13	0.9	2	8	13	
PISTON AREA sq. cm.	0.5	1.13	2	4.91	8	1.13	2	4.91	8	
A	M16x1.5	M20x1.5	M24x1.5	M36x1.5	M42x1.5	M20x1.5	M24x1.5	M36x1.5	M42x1.5	
B	12	12	14	21	25	12	15	20	25	
C	14	14	21	33	40	25	34	35	40	
d	4	8	10	16	20	8	10	16	20	
E	27	27	37	56	67	46	58	66	75	
F x depth	----	----	----	----	----	M5x10	M6x12	M10x15	M12x15	
G	----	----	----	----	----	15	18	23	25	
K	23	29	33	49	65	29	33	49	65	
SW1 (HEX)	19	24	27	41	55	24	27	41	55	
SW2 (A/F)	----	----	----	----	----	7	8	13	17	
STANDARD PART Nos	4430-011	4430-111	4430-211	4430-311	4430-411	4430-611	4430-711	4430-811	4430-911	