Block Cylinder

Double acting, push type

Description :

Block cylinders are widely used in work holding fixtures and other short stroke applications.

Advantages :

As compared to the tie rod construction cylinders, these cylinders are very compact, due to the integral construction.
These cylinders are versatile, i.e. they can be mounted in different ways.

Installation :

The cylinder can be mounted on the front side (rod side), rear side and side faces, as shown in the figures fig. 1, fig. 2, fig. 3.

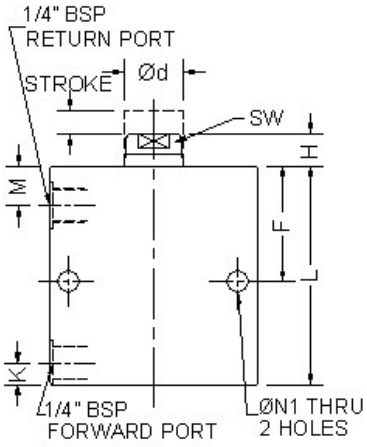
Specifications :

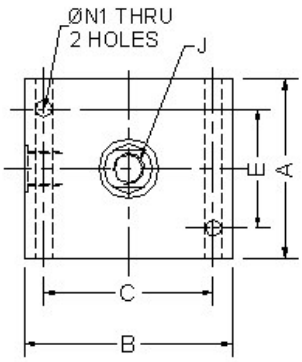
- Maximum operating pressure - 200 bar.

Notes :

- For side mounting, positive stopper should be provided to reduce the load on the clamping bolts. (fig. 3)
- For ordering the seal kit, add the prefix "S" to the part number.

Dimensional details :





FORCE* (PUSH)	7.5 kN		19 kN		46.5 kN	
FORCE* (PULL)	4.5 kN		11.5 kN		28 kN	
øBORE	25		40		63	
A	45		62		95	
B	65		85		120	
C	50		63		90	
d	16		25		40	
E	30		40		65	
F	39.5		48.5		65.5	
H	12		15		20	
J	M10x15DEEP		M16x30DEEP		M24x30DEEP	
K	11		11.5		15	
M	22		27		39.5	
N1	9		11		17	
SW	13		20		32	
PART NO.	**2110100**	**2110200**	**2120100**	**2120200**	**2130100**	**2130200**
STROKE±1	20	50	20	50	20	50
L	68	98	81	111	105	135
OIL VOLUME (PUSH)	10 cc	25 cc	25 cc	63 cc	63 cc	156 cc
OIL VOLUME (PULL)	6 cc	15 cc	15 cc	38 cc	37 cc	93 cc
WEIGHT	1.5 kg	2.3 kg	2.5 kg	3.5 kg	9.6 kg	12.3 kg

* Force is specified at 150 bar.

All dimensions are in mm, Overall dimension tolerance ± 0.5 mm.

Subject to change for improvement. (Revision - August 13)

Application Example :

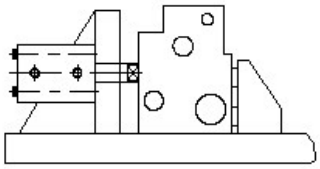


FIGURE 1

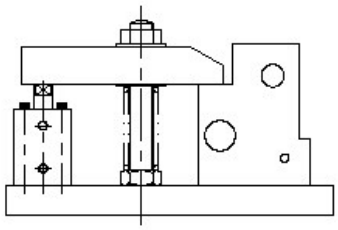


FIGURE 2

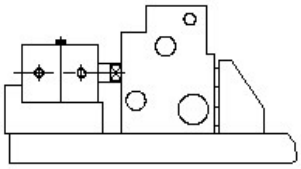


FIGURE 3