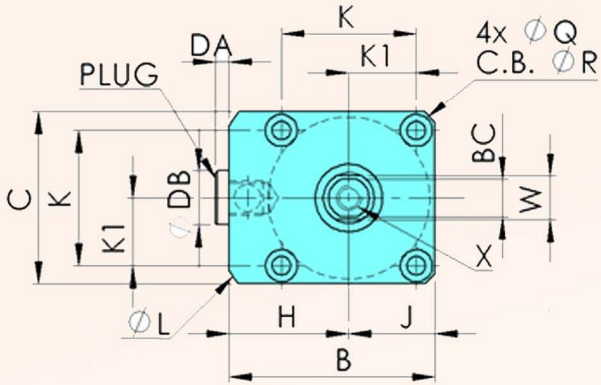




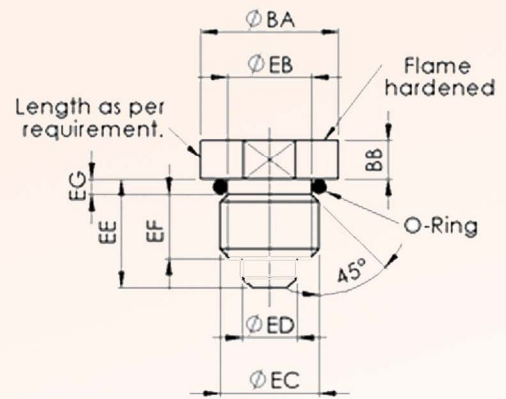
### Features

- ✦ This is flange body with compact design of single acting.
- ✦ It is a low operating pressure range.
- ✦ This work support is a hydraulic advance with flange mounting & with spring advance

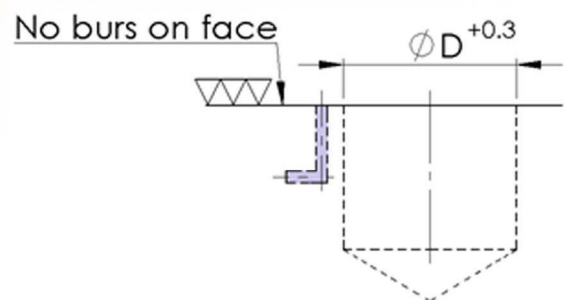
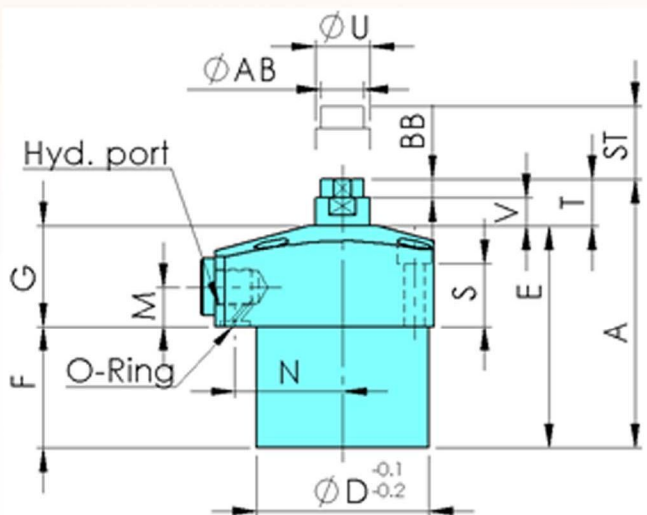
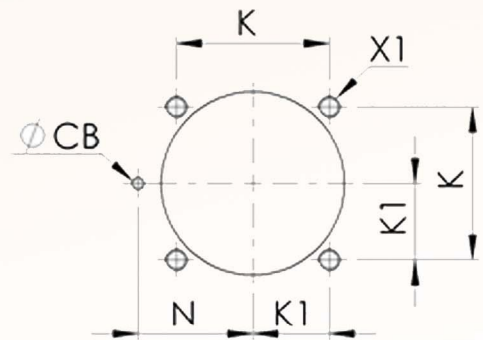
### ✦ Outline Dimension



### ✦ Pad Dimension



### ✦ Mounting Dimension



KNOW HOW TO ORDER



- 1 Flange Body Work Support
- 2 Body Size
- 3 Design number
- 4 Spring force (L=Low, H=High)
- 5 Piping Method (M:Mannifold type (with piping)  
(P:Piping type))

Dimension Table

MODEL	BWS0402	BWS0482	BWS0552	BWS0652	BWS0752	BWS0902
A	78	76	89	101	126	140
B	54	61	69	81	92	107
C	45	51	60	70	80	95
ØD	40	48	55	65	75	90
E	64	64	73	85	107	128
F	39	39	45	56	72	88
G	25	25	28	29	35	40
H	31.5	35.5	39	46	52	59.5
J	22.5	25.5	30	35	40	47.5
K	34	40	47	55	63	75
K1	17	20	23.5	27.5	31.5	37.5
ØL	68	73	83	94	106	126
M	11	11	11	11	13	13
N	26	30	33.5	39.5	45	52.5
Q	9.5	9.5	11	11	14.5	17.5
R	5.5	5.5	6.6	6.6	9	11
S	15	15	17	17	17	18
T	14	12	16	16	19	22
ØU	15	16	20	22	25	32
V	6	6	8	9	9	10
W	13	14	18	19	22	24
X	M10	M10	M12	M12	M16	M16
Hyd. Port	G1/8"	G1/8"	G1/8"	G1/8"	G1/4"	G1/4"

Pad Dimension Table

MODEL	BWS0402	BWS0482	BWS0552	BWS0652	BWS0752	BWS0902
ØEB	7.5	7.5	10	10	13.5	13.5
ØEC	M10	M10	M12	M12	M16	M16
ØED	5.5	6.5	6	6	9	10
ØBA	12.5	12.5	16.5	16.5	21.5	30
EF	9	8	8	11	13	13
EE	11	10	10	13	16	16
EG	2	2	2	2	3	3
BB	4	4	6	6	9	9
O-Ring	Ø7 x 1.5	Ø7 x 1.5	Ø10 x 1.5	Ø10 x 1.5	Ø13 x 2.5	Ø13 x 1.5

Machining dimension table for mounting

MODEL	BWS0402	BWS0482	BWS0552	BWS0652	BWS0752	BWS0902
ØD	40	48	55	65	75	90
K	34	40	47	55	63	75
K1	17	20	23.5	27.5	31.5	37.5
N	26	30	33.5	39.5	45	52.5
ØCB	2	2.5	2.5	3	5	5
X1	M5	M5	M6	M6	M8	M10

Specification table

MODEL	BWS0402	BWS0482	BWS0552	BWS0652	BWS0752	BWS0902
Support force 7MPa (KN)	4.5	9.5	14	21	33	45
Sopport force formula.Mpa	0.96xP-1.25	1.75xP-2.28	2.72xP-3.54	4.39xP-5.7	7.02xP-9.12	11.4xP-14.8
Plunger stroke, ST (mm)	8	10	12	14	16	20
Plunger rising force. L(N)	2.8~4.1	3.6~5.7	4.7~7.8	5.8~9.7	12.4~18.8	14.6~21
Plunger rising force.H (N)	3.8~5.9	4.9~8	6.2~11	16.8~22	18.7~31.9	21.4~34.2
Cylinder volume (cm³)	1.2	2	3.3	4.8	8.9	13.1
Min. pressure	2 MPa 7 MPa					
Max. pressure						
Weight (kg)	0.6	0.8	1.4	2.2	3.6	6