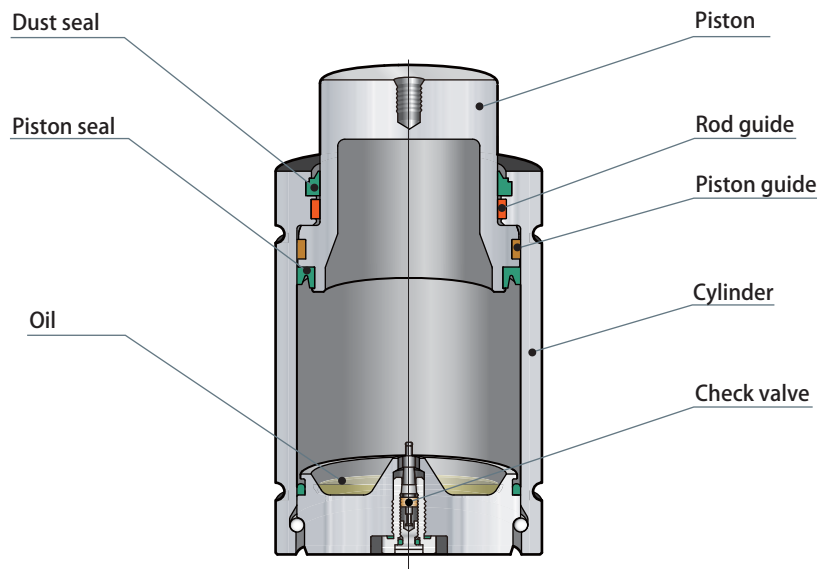
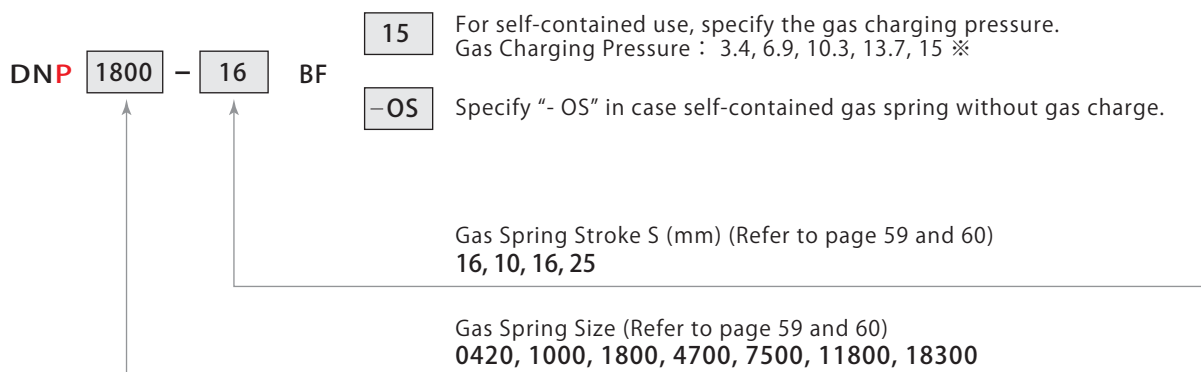


model **DNP**



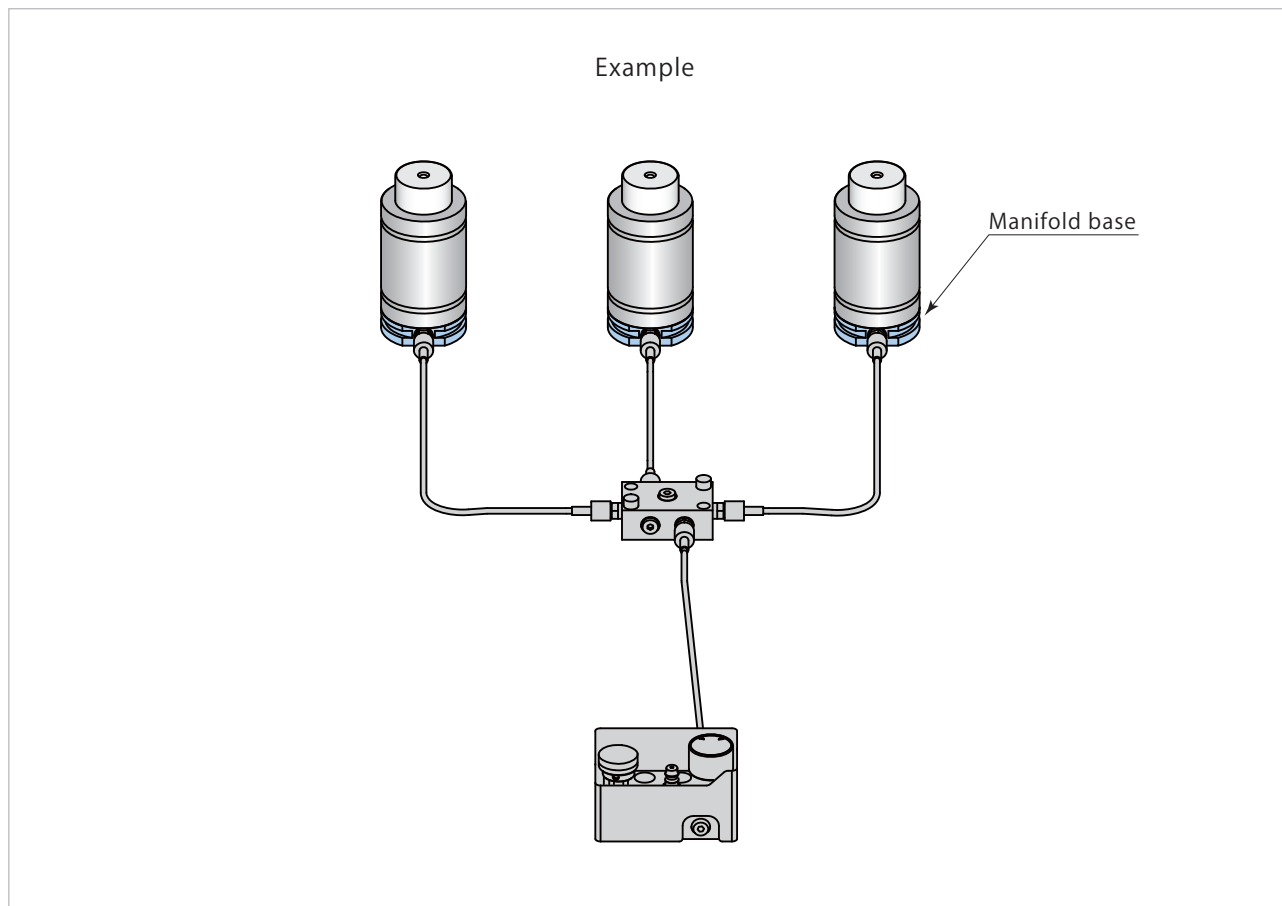
## Gas spring and Mounting flange

Example : **DNP1800-16BF15**



※ Choose one of the recommended gas pressure levels shown above. For the charging pressure other than above, specify the pressure to one digit after the decimal point. The gas charging range is 3.4 MPa to 15 MPa at 20°C.

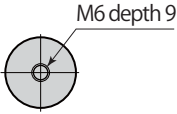
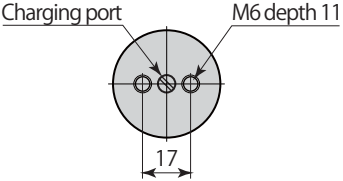
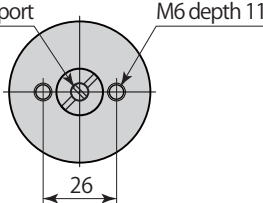
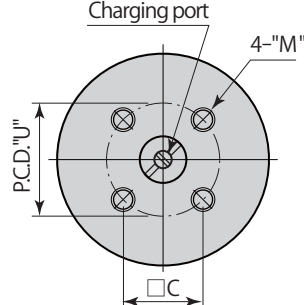
- Ask Pascal for the information about the DNP for hose-link system.



Model	Stroke S mm	Initial force kN	Full stroke load kN	Compression ratio	Mass kg	L mm	H mm	
DNP0420-	6	6	4.71	8.03	1.70	0.1	56	50
	10	10	4.71	7.86	1.67	0.2	70	60
	16	16	4.71	7.77	1.65	0.2	91	75
	25	25	4.71	7.92	1.68	0.2	120	95
DNP1000-	6	6	10.6	17.8	1.68	0.4	61	55
	10	10	10.6	16.3	1.54	0.4	78	68
	16	16	10.6	16.1	1.52	0.5	100	84
	25	25	10.6	15.9	1.50	0.6	135	110
DNP1800-	6	6	18.8	31.2	1.66	0.7	66	60
	10	10	18.8	30.3	1.61	0.8	80	70
	16	16	18.8	28.0	1.49	0.9	106	90
	25	25	18.8	28.8	1.53	1.0	135	110
DNP4700-	10	10	46.8	76.3	1.63	1.7	80	70
	16	16	46.8	70.0	1.50	2.0	106	90
	25	25	46.8	71.5	1.53	2.2	135	110
DNP7500-	10	10	75.4	121.2	1.61	3.2	90	80
	16	16	75.4	113.0	1.50	3.6	116	100
	25	25	75.4	116.6	1.55	4.0	145	120
DNP11800-	10	10	117.8	174.7	1.48	5.8	100	90
	16	16	117.8	169.6	1.44	6.4	126	110
	25	25	117.8	176.8	1.50	7.0	155	130
DNP18300-	10 ※	10	184.1	267.5	1.45	10.3	110	100
	16 ※	16	184.1	262.2	1.42	11.3	136	120
	25 ※	25	184.1	274.1	1.49	12.4	165	140

※made to order

Showing the figures at initial charging pressure 15MPa at 20°C.

mm	Cylinder base mm
K = 12 D = 25 E = 6.2 J = 1 Z = 11.5	
K = 20 D = 38 E = 10.5 J = 1 Z = 11.5	
K = 30 D = 50 E = 14.5 J = 2 Z = 15.5	
K = 50    C = 28.3 D = 75    U = 40 E = 18    M = M8 depth 9.5 J = 2.5 Z = 19    P = M8 depth 8	
K = 55    C = 36.8 D = 95    U = 52 E = 21    M = M8 depth 12 J = 2.5 Z = 22    P = M8 depth 9	
K = 70    C = 48.1 D = 120    U = 68 E = 22.5    M = M10 depth 13 J = 2.5 Z = 23.5    P = M8 depth 9	
K = 90    C = 63.6 D = 150    U = 90 E = 24.5    M = M10 depth 15 J = 2.5 Z = 25.5    P = M8 depth 10	

