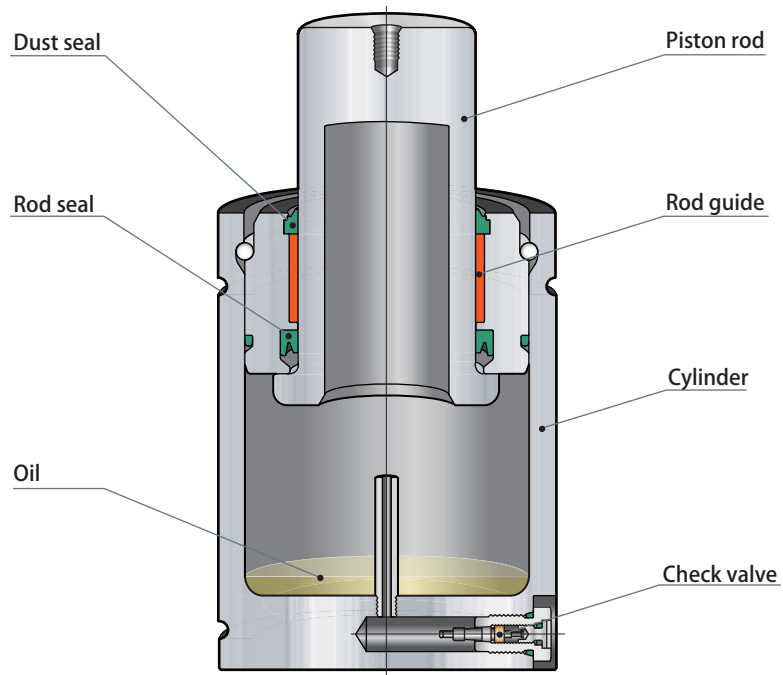
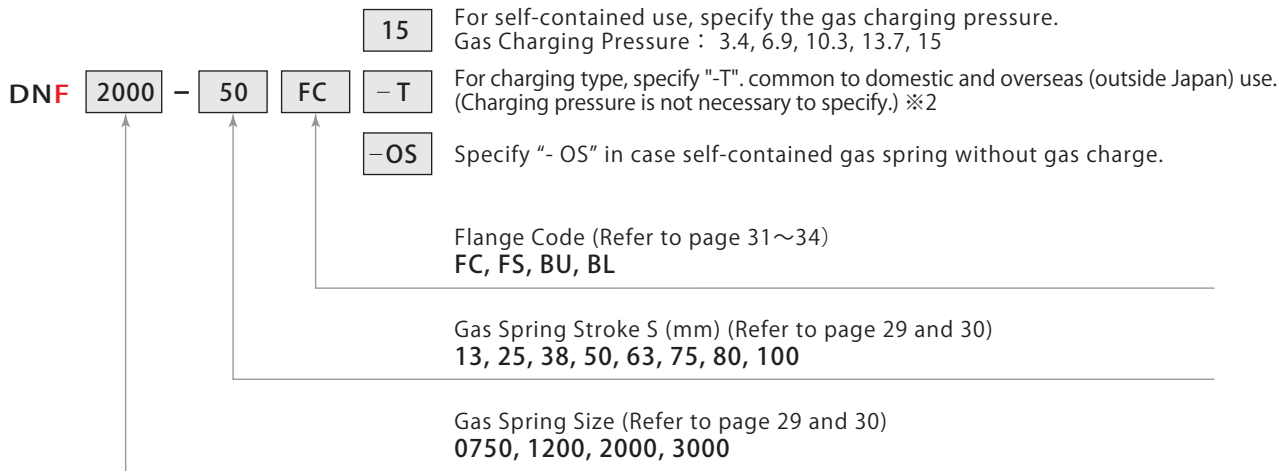


model **DNF**



Gas spring and Mounting flange

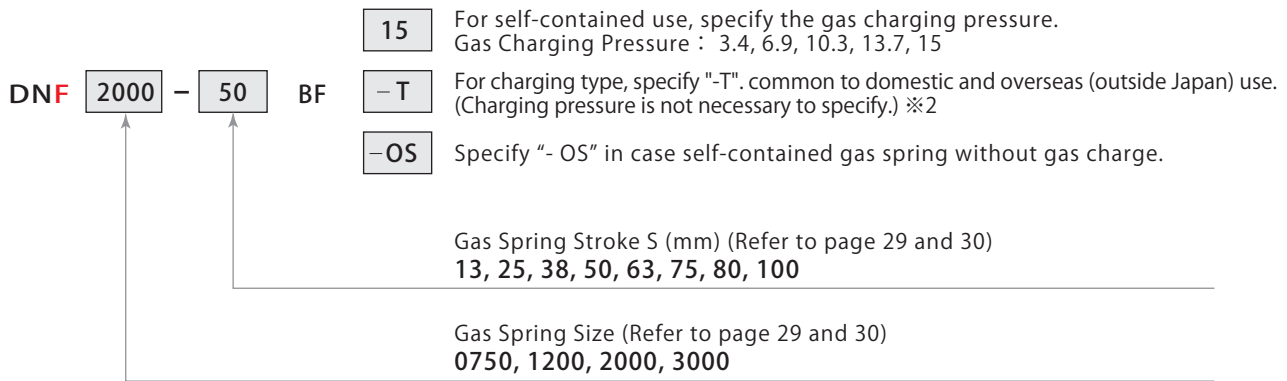
Example : DNF2000-50FC-T



- ※1: 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.
- ※2: Check valve is not mounted at shipment.

Gas spring

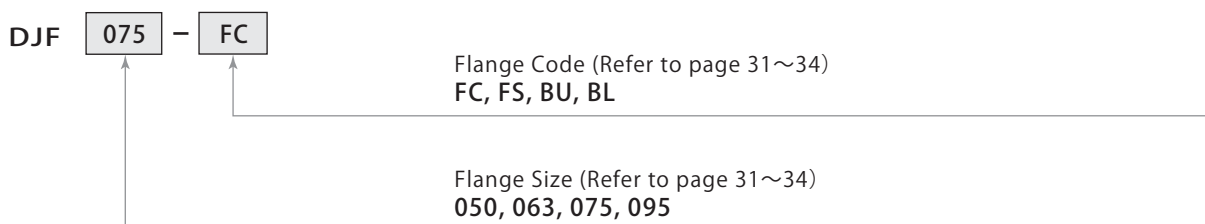
Example : DNF2000-50BF15



- ※1: 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.
- ※2: Check valve is not mounted at shipment.

Mounting flange

Example : DJF075-FC



Model	Stroke S mm	Initial force kN	Full stroke load kN	Compression ratio	Mass kg	L mm	H mm	
DNF0750-	13	13	7.36	10.6	1.44	0.9	91	78
	25	25	7.36	10.9	1.48	1.0	115	90
	38	38	7.36	11.0	1.49	1.1	141	103
	50	50	7.36	11.5	1.56	1.2	165	115
	63	63	7.36	11.4	1.55	1.3	191	128
	75	75	7.36	11.4	1.55	1.4	215	140
	80	80	7.36	11.4	1.55	1.5	225	145
	100	100	7.36	11.4	1.54	1.6	265	165
DNF1200-	13	13	12.1	16.9	1.40	1.6	96	83
	25	25	12.1	17.6	1.46	1.7	120	95
	38	38	12.1	17.9	1.48	1.9	146	108
	50	50	12.1	18.7	1.55	2.0	170	120
	63	63	12.1	18.6	1.55	2.2	196	133
	75	75	12.1	18.6	1.54	2.4	220	145
	80	80	12.1	18.6	1.54	2.4	230	150
	100	100	12.1	18.6	1.54	2.7	270	170
DNF2000-	13	13	18.8	25.6	1.36	2.4	106	93
	25	25	18.8	28.0	1.49	2.6	130	105
	38	38	18.8	28.2	1.50	2.8	156	118
	50	50	18.8	29.1	1.55	3.0	180	130
	63	63	18.8	29.0	1.54	3.2	206	143
	75	75	18.8	29.0	1.54	3.4	230	155
	80	80	18.8	28.9	1.53	3.5	240	160
	100	100	18.8	28.9	1.53	3.8	280	180
DNF3000-	13	13	29.5	40.3	1.37	4.2	110	97
	25	25	29.5	44.3	1.50	4.5	134	109
	38	38	29.5	44.1	1.50	4.8	160	122
	50	50	29.5	45.7	1.55	5.1	184	134
	63	63	29.5	45.3	1.54	5.4	210	147
	75	75	29.5	45.0	1.53	5.7	234	159
	80	80	29.5	45.0	1.53	5.8	244	164
	100	100	29.5	44.7	1.52	6.3	284	184

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

mm	Cylinder base mm
K = 25	
D = 50	
J = 2	
Z = 15.5	
K = 32	
D = 63	
J = 2	
Z = 19	
K = 40	
D = 75	
J = 2.5	
Z = 21	
K = 50	
D = 95	
J = 2.5	
Z = 24	

Dimensions

▲ **Tips for stroke selection**
 Use gas spring stroke as long as possible to ensure optimal performance of lubrication inside the cylinder.