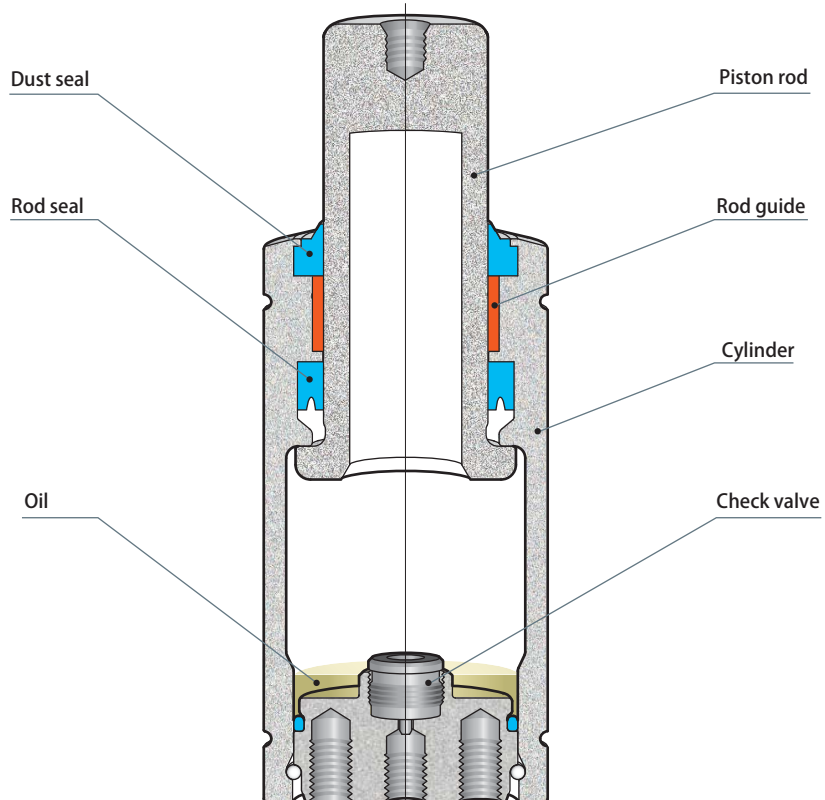


model **DSB**



DSB
Structure

Gas spring

Example : **DSB**38-25-21

DSB 38 - 25 - 21

Gas charge p(MPa) : 15 18 21 -OS

Specify "OS" when delivery without gas charge.

Stroke S (mm) : 10 15 25 38 50 (See page 13 · 14)

Size : 32 38 50 (See page 13 · 14)

Mounting flange

Example : **DJF**038-FS

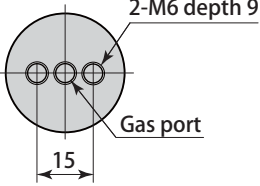
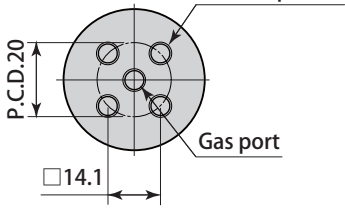
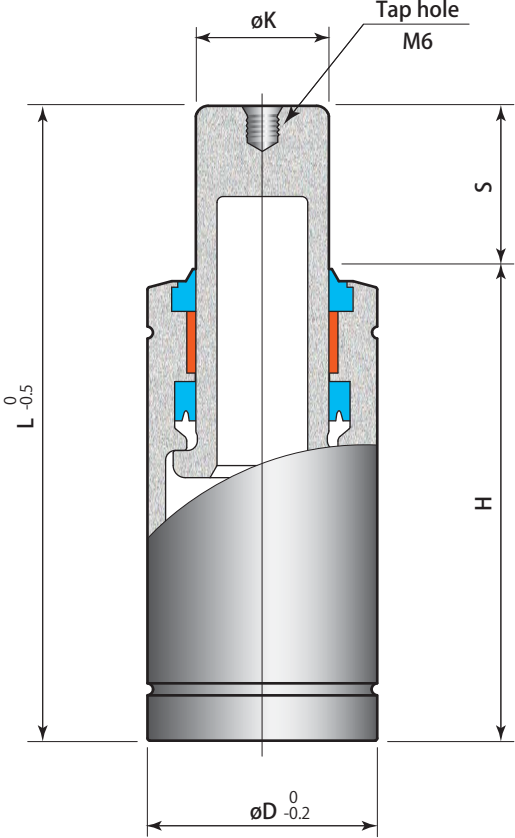
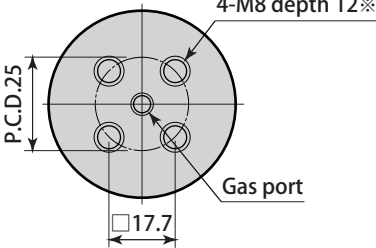
DJF 038 - FS

Flange code : FC BM (See page 15·16)

Flange size : 032 038 050 (See page 15·16)

Cylinder øD mm	Initial force kN	Model	Stroke S mm	Full stroke load kN	Mass kg	L mm	H mm	
32	5.34	DSB32-	10	10	7.75	0.3	75	65
			15	15	8.02	0.3	85	70
			25	25	8.23	0.3	105	80
			38	38	8.28	0.4	135	97
			50	50	8.44	0.4	155	105
38	7.98	DSB38-	10	10	11.6	0.4	75	65
			15	15	11.9	0.4	85	70
			25	25	12.3	0.5	105	80
			38	38	12.7	0.6	135	97
			50	50	12.6	0.6	155	105
50	16.9	DSB50-	15	15	23.5	1.0	110	95
			25	25	25.3	1.1	130	105
			38	38	26.0	1.2	155	117
			50	50	26.7	1.3	180	130

Initial force and full stroke load in the table indicate the figure at 20 °C, 21MPa charge pressure.

K mm	Dimensions	
18	<p>Cylinder base</p> 	
22	 <p>※ Diagonal 2 tap holes can be used for mount.</p>	
32	 <p>※ Diagonal 2 tap holes can be used for mount.</p>	<p>⚠ Tips for stroke selection</p> <p>Use gas spring stroke as long as possible to achieve optimal performance of lubrication inside the cylinder.</p>

Calculate the load in case of 18MPa(15MPa) charge pressure with (Load at 21MPa) x 18 (15) ÷ 21.