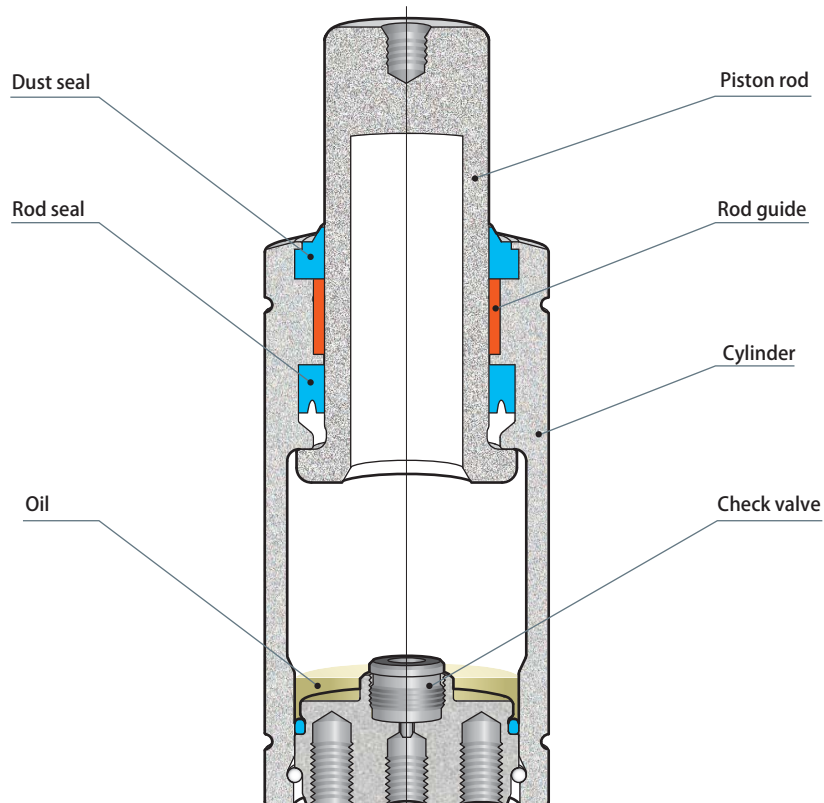
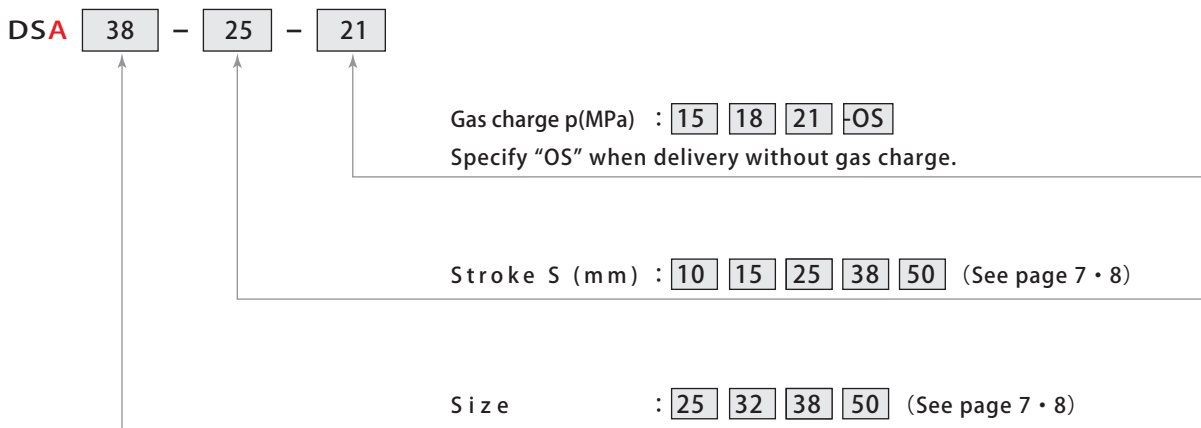


# model DSA



Gas spring

Example : DSA38-25-21



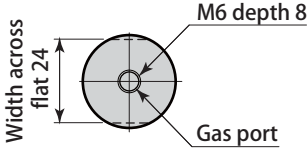
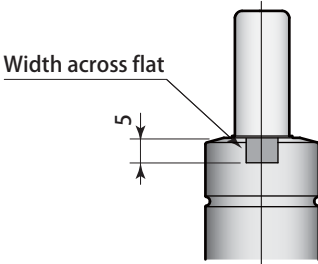
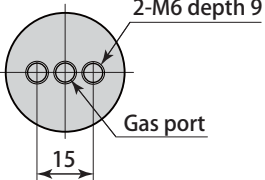
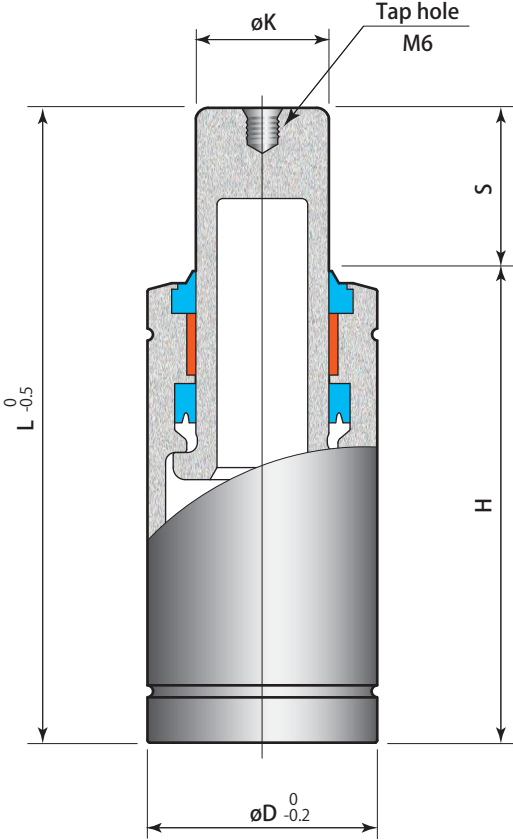
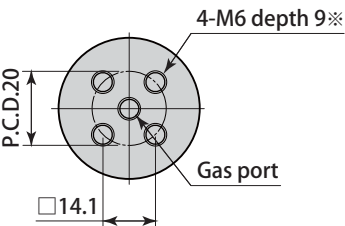
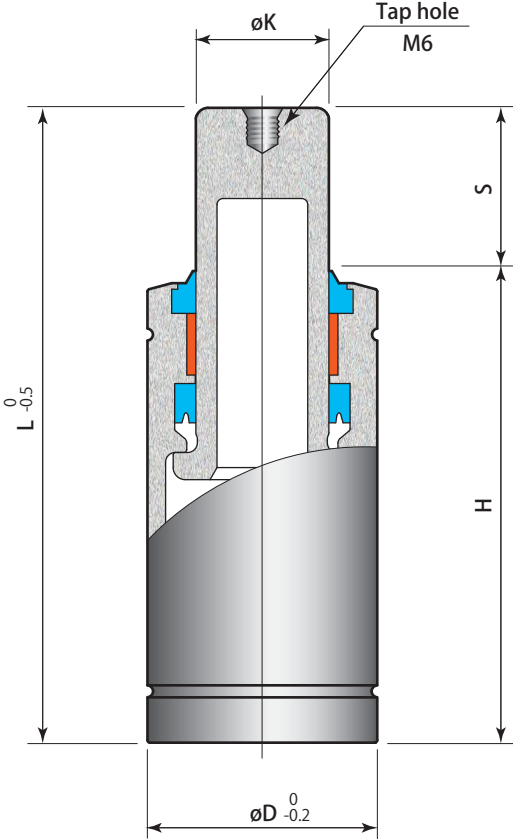
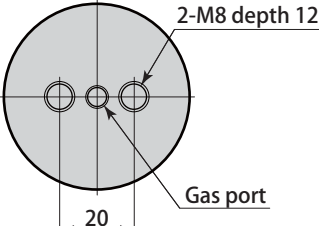
Mounting flange

Example : DJF038-FS



Cylinder øD mm	Initial force kN	Model	Stroke S mm	Full stroke load kN	Mass kg	L mm	H mm	
25	2.38	DSA25-	15	15	3.12	0.2	85	70
			25	25	3.21	0.2	105	80
			38	38	3.36	0.2	135	97
			50	50	3.36	0.3	160	110
32	5.34	DSA32-	10	10	7.64	0.3	75	65
			15	15	7.90	0.3	85	70
			25	25	8.12	0.3	105	80
			38	38	8.22	0.4	135	97
			50	50	8.22	0.4	160	110
38	7.98	DSA38-	10	10	11.3	0.4	75	65
			15	15	11.7	0.4	85	70
			25	25	12.2	0.5	105	80
			38	38	12.6	0.6	135	97
			50	50	12.5	0.6	160	110
50	16.9	DSA50-	10	10	23.5	0.9	90	80
			15	15	23.5	1.0	115	100
			25	25	25.4	1.1	135	110
			38	38	25.9	1.2	165	127
			50	50	26.5	1.3	190	140

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

K mm	Dimensions	
12	<p>Cylinder base</p>  <p>Width across flat 24</p> <p>M6 depth 8</p> <p>Gas port</p> <p>※ Gas port can be used as a mounting hole</p>	 <p>Width across flat</p> <p>5</p> <p>For DSA25</p>
18	 <p>2-M6 depth 9</p> <p>Gas port</p> <p>15</p>	 <p>øK</p> <p>Tap hole M6</p> <p>S</p> <p>L<sup>0</sup><sub>-0.5</sub></p> <p>H</p> <p>øD<sup>0</sup><sub>-0.2</sub></p>
22	 <p>4-M6 depth 9※</p> <p>P.C.D. 20</p> <p>Gas port</p> <p>□14.1</p> <p>※ Diagonal 2 tap holes can be used for mount.</p>	 <p>L</p> <p>S</p> <p>H</p>
32	 <p>2-M8 depth 12</p> <p>Gas port</p> <p>20</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.