

Compact Cylinder Specifications

MODEL NO.	DP01620			DP0221			DP0241			DP0301			DP0361			DP0451			DP0551			DP0651			DP0801					
	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L	S	M	L			
Stroke	6	10	16	6	10	16	8	12	20	8	12	20	10	16	25	10	16	25	12	20	32	16	25	40	16	25	40			
Cylinder Area	0.5			1.1			1.5			2.5			3.9			7.1			9.9			15.9			23.8					
Cylinder Volume	0.3	0.5	0.8	0.7	1.1	1.8	1.2	1.8	3.1	2.0	3.1	5.1	3.9	6.3	9.9	7.1	11.3	17.7	11.9	19.8	31.7	25.4	39.8	63.6	38.0	59.0	95.0			
Release spring force	N			12.4~23.6			25.7~41.2			32.6~59.7			50.1~99.1			79.4~150			157~319			236~452			353~657			564~1040		
Cylinder Output kN	Supply pressure :25 MPa	1.23		2.78			3.78			6.24			9.69			17.3			24.3			39.1			58.3					
	Supply pressure :7 MPa	0.32		0.75			1.01			1.66			2.59			4.60			6.44			10.4			15.5					
	Supply pressure :3.5 MPa	0.15		0.35			0.47			0.77			1.21			2.13			2.98			4.86			7.20					
Calculation Formula	F=(0.05xP)-0.024			F=(0.113xP)-0.041			F=(0.154xP)-0.060			F=(0.254xP)-0.099			F=(0.394xP)-0.150			F=(0.707xP)-0.319			F=(0.990xP)-0.452			F=(1.59xP)-0.657			F=(2.38xP)-1.04					
Maximum operating pressure	25																													
Minimum operating pressure	0.8																													
Pressure resistance	37.5																													
Operating temperature	0-70																													
Weight	kg	0.03	0.04	0.05	0.06	0.08	0.1	0.08	0.1	0.15	0.15	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.8	0.8	1.0	1.3	1.4	1.7	2.2	2.2	2.7	3.6		

Performance Curve

