



SPECIFICATION

Standard Cylinder(Sqare Cover)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Presure (Bar)
32	25-500	1/8	12	M10x1.25	70	1 - 9
40	25-800	1/4	16	M12x1.25	110	1 - 9
50	25-1000	1/4	20	M16x1.5	170	1 - 9
63	25-1000	3/8	20	M16x1.5	280	1 - 9
80	25-1000	3/8	25	M20x1.5	450	1 - 9
100	25-1000	1/2	25	M20x1.5	700	1 - 9
125	25-1000	1/2	32	M27x2.0	1100	1 - 9
160	25-1000	3/4	40	M36x2.0	1800	1 - 9
200	25-1000	3/4	40	M36x2.0	2800	1 - 9
250	25-1000	1	50	M42x2.0	4400	1 - 9



SPECIFICATION

ISO 1552 Cylinder

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Presure (Bar)
32	25-500	1/8	12	M10x1.25	70	1 -10
40	25-800	1/4	16	M12x1.25	110	1 -10
50	25-1000	1/4	20	M16x1.5	170	1 -10
63	25-1000	3/8	20	M16x1.5	280	1 -10
80	25-1000	3/8	25	M20x1.5	450	1 -10
100	25-1000	1/2	25	M20x1.5	700	1 -10
125	25-1000	1/2	32	M27x2.0	1000	1 -10



SPECIFICATION

ISO 6432 Cylinder

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Pressure (Bar)
8	10 - 150	M5x0.8	4	M4x0.7	3	1 - 7
10	10 - 200	M5x0.8	4	M4x0.7	5	1 - 7
12	10 - 250	M5x0.8	6	M6x1.0	7	1 - 7
16	10 - 300	M5x0.8	6	M6x1.0	14	1 - 7
20	10 - 600	1/8	8	M8x1.25	20	1 - 7
25	10 - 600	1/8	10	M10x1.25	34	1 - 7
32	10 - 600	1/8	12	M10x1.25	56	1 - 7
40	10 - 600	1/4	16	M12x1.25	87	1 - 7



SPECIFICATION

Standard Stainless Cylinder Round Type(MA)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Pressure (Bar)
16	25 - 200	M5	6	M6x1.0	14	1 - 7
20	25 - 300	1/8	8	M8x1.25	21	1 - 7
25	25 - 500	1/8	10	M10x1.25	34	1 - 7
32	25 - 500	1/8	12	M10x1.25	56	1 - 7
40	25 - 500	1/8	16	M12x1.25	87	1 - 7
50	25 - 500	1/4	16	M14x1.5	137	1 - 7
63	25 - 500	1/4	16	M14x1.5	218	1 - 7



SPECIFICATION

Standard Aluminum Cylinder Round Type(MAL)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Pressure (Bar)
20	10 - 500	1/8	8	M8x1.25	21	1 - 7
25	10 - 500	1/8	10	M10x1.25	34	1 - 7
32	10 - 500	1/8	12	M10x1.25	56	1 - 7
40	10 - 500	1/8	16	M12x1.25	87	1 - 7
50	10 - 500	1/4	16	M14x1.5	137	1 - 7
63	10 - 500	1/4	16	M14x1.5	218	1 - 7



SPECIFICATION

Standard Stainless Cylinder Round Type(CM2)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Male Thread (mm)	Max Load (Kg)	Pressure (Bar)
20	10 - 500	1/8	8	M8x1.25	18	1 - 10
25	10 - 600	1/8	10	M10x1.25	29	1 - 10
32	10 - 600	1/8	12	M10x1.25	45	1 - 10
40	10 - 600	1/4	16	M14x1.5	75	1 - 10



SPECIFICATION

Compact Cylinder (CQ2)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Female/Male (mm)	Max Load (Kg)	Pressure (Bar)
12	5 - 50	M5	6	M3x0.5/M5x0.8	8	1 - 10
16	5 - 60	M5	8	M4x0.7/M6x1.0	14	1 - 10
20	5 - 100	M5	10	M5x0.8/M8x1.25	22	1 - 10
25	5 - 100	M5	12	M6x1.0/M10x1.25	34	1 - 10
32	5 - 100	1/8	16	M8x1.25/M14x1.5	56	1 - 10
40	5 - 100	1/8	16	M8x1.25/M14x1.5	88	1 - 10
50	5 - 100	1/4	20	M10x1.5/M18x1.5	135	1 - 10
63	5 - 100	1/4	20	M10x1.5/M18x1.5	215	1 - 10
80	5 - 100	3/8	25	M16x2.0/M22x1.5	350	1 - 10
100	5 - 100	3/8	32	M20x2.5/M26x1.5	545	1 - 10



SPECIFICATION

Compact Cylinder (SDA)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Female/Male (mm)	Max Load (Kg)	Pressure (Bar)
12	5 - 50	M5	6	M3x0.5/M5x0.8	8	1 - 10
16	5 - 60	M5	6	M3x0.5/M5x0.8	14	1 - 10
20	5 - 100	M5	8	M4x0.7/M6x1.0	22	1 - 10
25	5 - 130	M5	10	M5x0.8/M8x1.25	34	1 - 10
32	5 - 130	1/8	12	M6x1.0/M10x1.25	56	1 - 10
40	5 - 130	1/8	16	M8x1.25/M14x1.5	88	1 - 10
50	5 - 130	1/4	20	M10x1.5/M18x1.5	135	1 - 10
63	5 - 130	1/4	20	M10x1.5/M18x1.5	215	1 - 10
80	5 - 130	3/8	25	M14x1.5/M22x1.5	350	1 - 10
100	5 - 130	3/8	32	M28x1.5/M26x1.5	545	1 - 10



SPECIFICATION

ISO21287 Compact Cylinder

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Female Thread (mm)	Max Load (Kg)	Pressure (Bar)
12	5 - 50	M5	6	M3x0.5	8	1 - 10
16	5 - 75	M5	8	M4x0.7	14	1 - 10
20	5 - 100	M5	10	M6x1.0	22	1 - 10
25	5 - 150	M5	10	M6x1.0	34	1 - 10
32	5 - 200	1/8	12	M8x1.25	56	1 - 10
40	5 - 200	1/8	12	M8x1.25	88	1 - 10
50	5 - 250	1/8	16	M10x1.5	135	1 - 10
63	5 - 250	1/8	16	M10x1.5	215	1 - 10
80	5 - 300	M5	20	M12x1.75	350	1 - 10
100	5 - 300	1/8	20	M12x1.75	545	1 - 10
125	5 - 300	1/4	25	M16x2.0	860	1 - 10



SPECIFICATION

Twin Rod Cylinder(TN)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Acting Type	Max Load (Kg)	Pressure (Bar)
10	10 - 100	M5	6	Double Acting	10	1 - 10
16	10 - 200	M5	8		28	1 - 10
20	10 - 200	M5	10		40	1 - 10
25	10 - 200	M5	12		68	1 - 10
32	10 - 200	1/8	16		110	1 - 10



SPECIFICATION

Twin Rod Cylinder(CSXM)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Acting Type	Max Load (Kg)	Pressure (Bar)
6	10 - 50	M5	4	Double Acting	3.5	1 - 10
10	10 - 100	M5	6		10	1 - 10
16	10 - 200	M5	8		28	1 - 10
20	10 - 200	M5	10		40	1 - 10
25	10 - 200	1/8	12		68	1 - 10
32	10 - 200	1/8	16		110	1 - 10



SPECIFICATION Compact Guide Cylinder(MGPM)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Acting Type	Piston Area Push/Pull(mm ²)	Pressure (Bar)
12	10 - 150	M5	6	Double Acting	113/85	1 - 10
16	10 - 200	M5	8		201/151	1 - 10
20	20 - 250	1/8	10		314/236	1 - 10
25	20 - 250	1/8	10		491/412	1 - 10
32	20 - 250	1/8	14		804/650	1 - 10
40	20 - 250	1/8	14		1257/1103	1 - 10
50	20 - 250	1/4	18		1963/1709	1 - 10
63	20 - 250	1/4	18		3117/2863	1 - 10
80	20 - 250	3/8	22		5027/4646	1 - 10
100	20 - 250	3/8	26		7854/7323	1 - 10

Load(N)=Pressure(Mpa)xPiston Area(mm²)



SPECIFICATION Magnet Rodless Cylinder single rod(CY3B/CY3R)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Effective Thread For Non Sensor Type	Theoretical Thrust (kgf)	Pressure (Bar)
15	5 - 500	M5	16.6	M10x1.0	7	1 - 7
20	5 - 1000	1/8	21.6	M20x1.5	11	1 - 7
25	5 - 1000	1/8	26.4	M26x1.5	20	1 - 7
32	5 - 1000	1/8	33.6	M26x1.5	30	1 - 7
40	5 - 1000	1/4	41.6	M32x2.0	40	1 - 7



SPECIFICATION

Magnet Rodless Cylinder Slide Plate Type(MRU)

Bore (mm)	Stroke (mm)	Port Size (in)	Rod (mm)	Theoretical Thrust (kgf)	Speed (mm/sec)	Pressure (Bar)
15	100 - 700	M5	12	7	50 - 500	1 - 7
20	200 - 1000	1/8	16	11	50 - 500	1 - 7
25	200 - 1500	1/8	16	20	50 - 500	1 - 7
32	200 - 1500	1/8	20	30	50 - 500	1 - 7



SPECIFICATION

Rodless Cylinder Mechanical Type(PRU)

Bore (mm)	Stroke (mm)	Port Size (in)	Speed (mm/sec)	Theoretical Thrust (kgf)	Cushion Device	Pressure (Bar)
16	50 - 1500	M5	50 - 500	10	Pressure Cushion	1 - 7
25	50 - 1500	1/8	50 - 500	24		1 - 7
32	50 - 1500	1/4	50 - 500	40		1 - 7
40	50 - 1500	1/4	50 - 500	62.5		1 - 7

Load(kgf)=Pressure(kgf/cm²)xPiston Area(cm²)



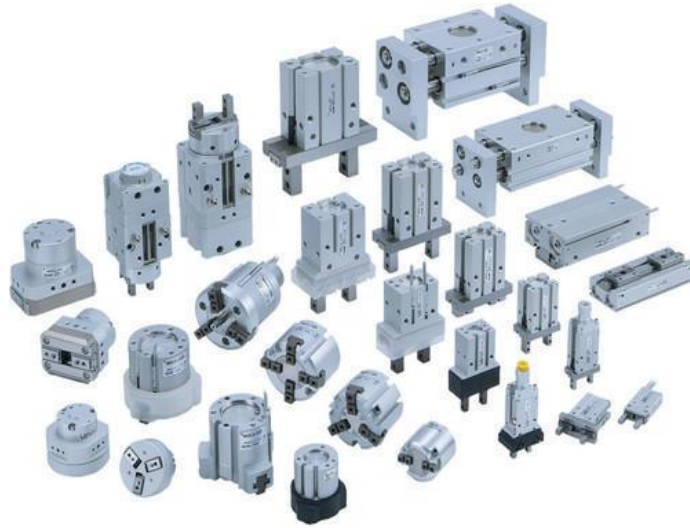
SPECIFICATION **Swing Camp Cylinder (MKBL/MKBR)**

Bore (mm)	Stroke (mm)	Port Size (in)	Rotation Angle	Rotation Direction	Rod Type	Pressure (Bar)
12	10,20	M5	90°	L=Left (From Right to Left)	with/without Camp Arm	1 - 10
16	10,20,30	M5				1 - 10
20	10,20,30	M5				1 - 10
25	10,20,30	M5				1 - 10
32	10,20,30,50	1/8		R=Right (From Left to Right)		1 - 10
40	10,20,30,50	1/8				1 - 10
50	10,20,30,50	1/4				1 - 10
63	10,20,30,50	1/4				1 - 10



SPECIFICATION **Clamp Cylinder(DCKA/DCKB)**

Bore (mm)	Stroke (mm)	Port Size (in)	Clevis Width (mm)	Theoretical Thrust (kgf)	Mounting From	Pressure (Bar)
40	50,75,100, 125,150	1/4	Part A	62.8	Up Mounting Clip Mounting Compress Tightly Mounting	0.5 - 10
50		1/4	16.5	98		0.5 - 10
63		1/4	Part B	155.8		0.5 - 10
80		3/8	19.5	251.2		0.5 - 10



SPECIFICATION

Air Gripper

Bore (mm)	Stroke (mm)	Port Size (in)	Type	Gripper (N)		Pressure (Bar)
				Outside	Inside	
6	4	M3x0.5	Single Acting	3.3	6.1	2 - 7
10	4	M3x0.5		11	17	2 - 7
16	6	M5x0.8		34	45	2 - 7
20	10	M5x0.8		45	68	2 - 7
25	14	M5x0.8	Double Acting	69	102	2 - 7
32	22	M5x0.8		160	195	2 - 7
40	30	M5x0.8		255	320	2 - 7



SPECIFICATION

Stoper Cylinder

Bore (mm)	Stroke (mm)	Port Size (in)	Type	Working Pressure (Bar)		Cushion
				Singe	Double	
20	15	M5x0.8	Single Acting	2.5 - 10	1.5 - 10	Bumper
25	15	M5x0.8		2 - 10	1.5 - 10	
32	20	1/8		2 - 10	1.5 - 10	
40	30	1/8	Double Acting	2 - 10	1.5 - 10	
50	30	1/8		2 - 10	1.5 - 10	
63	30	1/4		2 - 10	1.5 - 10	
80	40	1/4		2 - 10	1.5 - 10	