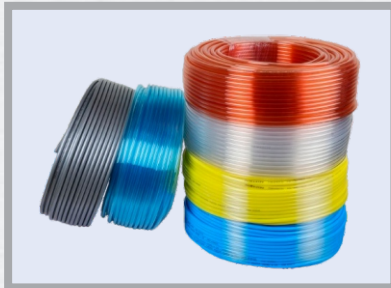


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AP 55 Series Compact Cylinder

08



AP55

Ordering Code

AP55

Series Code
AP55 : Standard Double Action
(Compact Type)

32

Cylinder Bore

Ø 12 Ø 40
Ø 16 Ø 50
Ø 20 Ø 63
Ø 25 Ø 80
Ø 32 Ø 100

50

Stroke

M

Magnet Code

Blank: Without Magnet
M : With Magnet



Fixed Type

Blank : Normal type (Female Thread)
S2 : Double ended Piston Rod
ET : Extended Piston Rod Thread
EP : Extended Piston Rod
MT : Male Thread
R3 : High Corrosion Protection
T1 : Heat Resistance Seals Max. -120°C

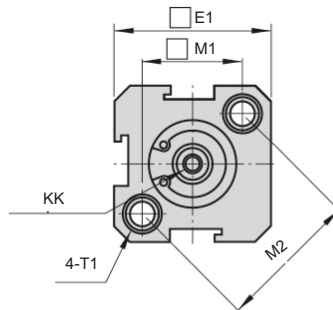
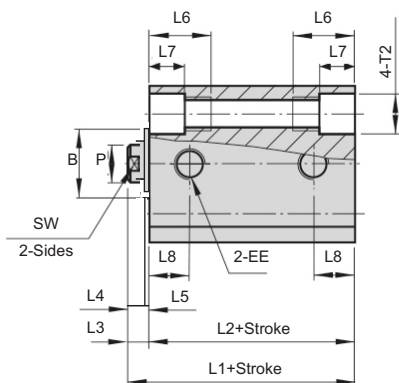
Specification

Bore (mm)	12	16	20	25	32	40	50	63	80	100
Acting Type	Double Action									
Working Medium	Filtered Air									
Operation Pressure	0.1-1.0 Mpa (1.0 - 10.0 bar)									
Temperature	-5°C to +70°C									
Operating Speed Range	30 - 500 mm/s									
Port Size	M5x0.8				1/8"		1/4"		3/8"	
Max. Stroke	70	70	100	100	150	150	150	150	150	150

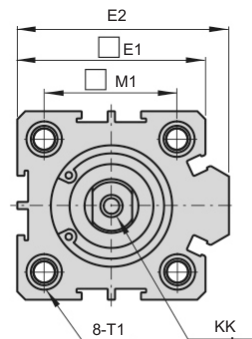
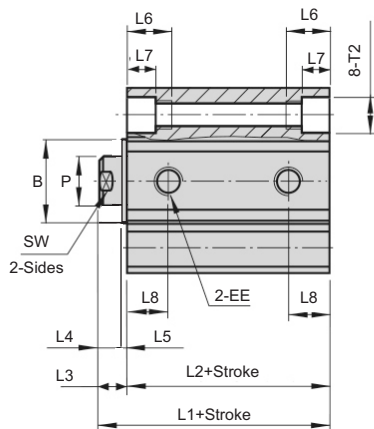
Overall Dimensions

Normal Type
(Female Thread)

Ø 12- Ø 16



Ø 20- Ø 100



Dimension Sheet

Bore	KK	EE	T1	T2	M1	M2	E1	E2	P	SW
12	M3x0.5	M5x0.8	M5x0.8	6.5	16.2	23	25	-	6	5
16	M3x0.5	M5x0.8	M5x0.8	6.5	19.8	28	29	-	6	5
20	M4x0.7	M5x0.8	M5x0.8	6.5	24	-	34	36	8	6
25	M5x0.8	M5x0.8	M6x1.0	8.2	28	-	40	42	10	8
32	M6x1.0	1/8"	M6x1.0	8.2	34	-	44	50	12	10
40	M8x1.25	1/8"	M8x1.25	10	40	-	52	58.5	16	14
50	M10x1.5	1/4"	M8x1.25	11	48	-	62	71.5	20	17
63	M10x1.5	1/4"	M8x1.25	11	60	-	75	84.5	20	17
80	M14x1.5	3/8"	M12x1.75	14	74	-	94	104	25	22
100	M18x1.5	3/8"	M14x2.0	17.5	90	-	114	124	32	27

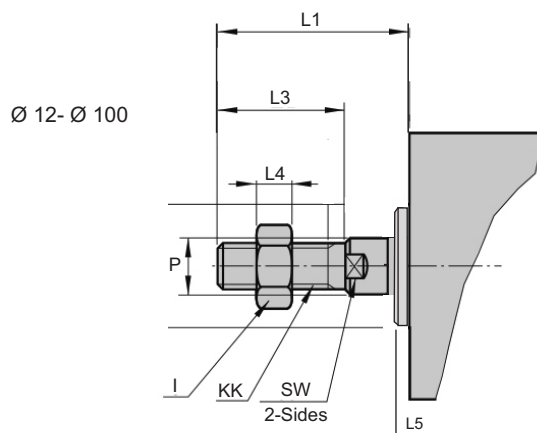
Bore	L1 Non Magnet	L2 Non Magnet	L1 Magnet	L2 Magnet	L3	L4	L5	L6	L7	L8	B
12	22	17	32	27	5	4	1	12	4.5	6.3	10.2
16	24	18.5	34	28.5	5.5	4	1.5	12	4.5	7.3	11
20	25	19.5	35	29.5	5.5	4	1.5	14	4.5	7.5	15
25	27	21	37	31	6	4	2	15	5.5	8	17
32	31.5	24.5	41.5	34.5	7	4	3	16	5.5	9	22
40	33	26	43	36	7	4	3	20	7.5	10	28
50	37	28	47	38	9	5	4	25	8.5	10.5	38
63	41	32	51	42	9	5	4	25	8.5	11.8	40
80	52	41	62	51	11	6	5	25	10.5	14.5	45
100	63	51	73	61	12	7	5	30	13	20.5	55

AP 55 Series Compact Cylinder

10

Overall Dimensions

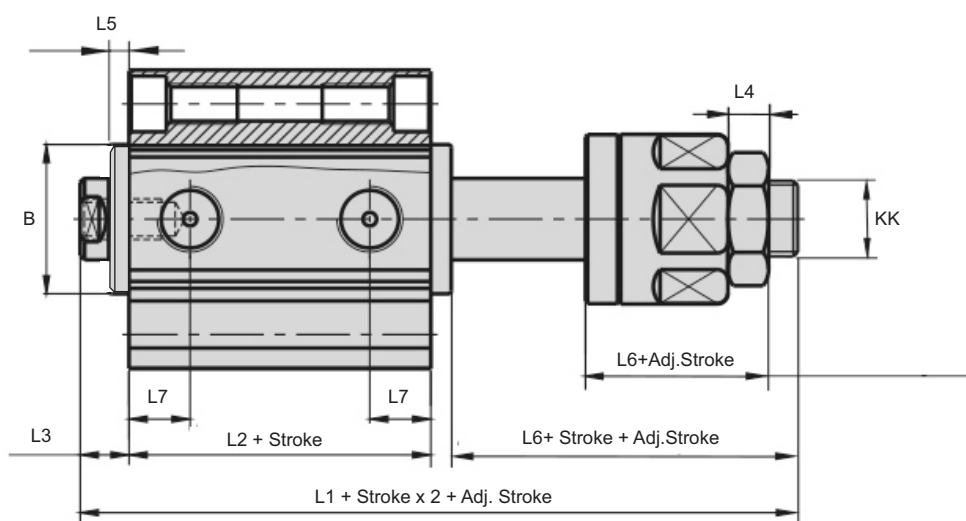
(Male Thread Type)



Bore	L1	L2	L3	L4	L5	B	P	KK	I	SW
12	17	16	12	4	1	10.2	6	M5x0.8	8	5
16	17.5	16	12	4	1.5	11	6	M5x0.8	8	5
20	20.5	19	15	5	1.5	16	8	M6x1.0	10	6
25	23	21	17	6	2	17	10	M8x1.25	12	8
32	25	22	18	6	3	22	12	M10x1.25	17	10
40	35	32	28	7	3	28	16	M14x1.5	17	14
50	37	33	28	8	4	38	20	M18x1.5	23	17
63	37	33	28	8	4	40	20	M18x1.5	23	17
80	44	39	33	10	5	45	25	M22x1.5	26	22
100	50	45	38	10	5	55	32	M26x1.5	36	28

Overall Dimensions

(Adjustable Stroke Type)



Bore	L1 Non Magnet	L2 Non Magnet	L1 Magnet	L2 Magnet	L3	L4	L5	L6	L7	KK	B
12	40	17	50	27	5	4	1	17	6.3	M5X0.8	10.2
16	42.5	18.5	52.5	28.5	5.5	4	1.5	17	7.3	M5X0.8	11
20	47.5	19.5	57.5	29.5	5.5	5	1.5	21	7.5	M6X1.0	15
25	54	21	64	31	6	6	2	25	8	M8X1.25	17
32	61.5	24.5	71.5	34.5	7	6	3	27	9	M10X1.25	22
40	64	26	74	36	7	7	3	28	10	M12X1.75	28
50	70	28	80	38	9	8	4	29	10.5	M16X1.5	38
63	74	32	84	42	9	8	4	29	11.8	M16X1.5	40
80	92.5	41	102.5	51	11	10	5	35.5	14.5	M20X1.5	45
100	110.5	51	120.5	61	12	13.5	5	42.5	20.5	M27X2.0	55