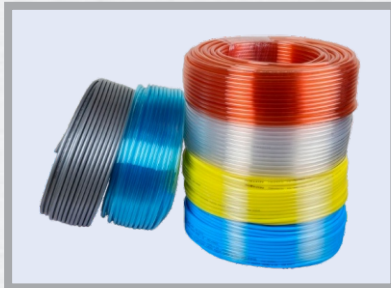


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CE



AP 77 Series ISO 6431 Compact Cylinder

14



AP77

Ordering Code

AP77

Series Code
AP77 : Standard Double Action
(ISO Compact Type)

32

Cylinder Bore

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

50

Stroke

M

Magnet Code
M : With Magnet



Fixed Type

Blank : Normal type (Female Thread)
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)	16	20	25	32	40	50	63	80
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 - 200 mm/s							
Port Size	M5x0.8	M5x0.8	M5x0.8	1/8"	1/8"	1/8"	1/8"	1/8"
Max. Stroke	100	100	100	100	120	125	150	150

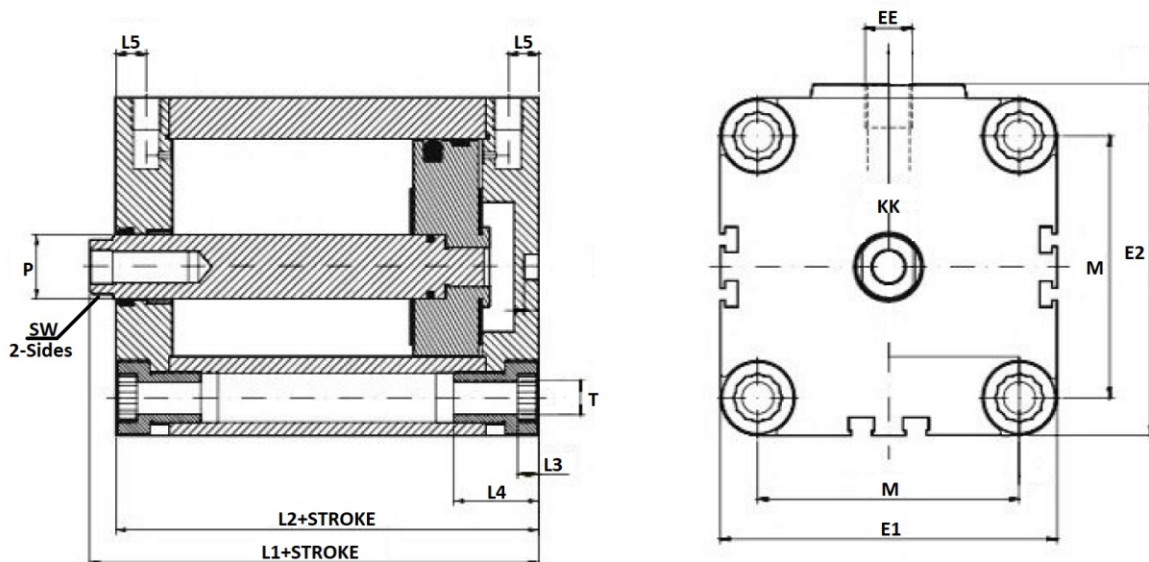
AP 77 Series ISO 6431 Compact Cylinder

15

Overall Dimensions

Normal Type
(Female Thread)

Ø 16 - Ø 80



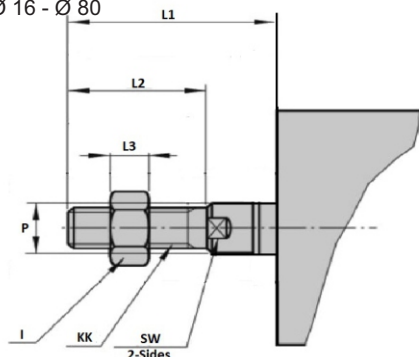
Dimension Sheet

Bore/Symbol	KK	EE	E1	E2	M	P	T	L1	L2	L3	L4	L5	SW
16	M4X0.7	M5X0.8	29	30	18	8	M4X0.7	44	38	4	18.5	8	6
20	M5X0.8	M5X0.8	36	37.5	22	10	M5X0.8	43.5	38	4	18.5	8	8
25	M5X0.8	M5X0.8	40	41.5	26	10	M5X0.8	46	39.5	4	18.5	8	8
32	M6X1	G1/8"	50	52	32	12	M6X1	51.5	44.5	5	22	8	10
40	M6X1	G1/8"	60	62.5	42	12	M6X1	52	45.5	5	22	8	10
50	M8X1.25	G1/8"	68	70.8	50	16	M8X1.25	54.5	46.5	5	22	8	14
63	M8X1.25	G1/8"	88	92	62	16	M10X1.25	56	50	6	26	8	14
80	M10X1.5	G1/8"	107	111	82	20	M10X1.25	62	56	6	26	8.5	17

Overall Dimensions

(Male Thread Type)

Ø 16 - Ø 80



Bore/Symbol	L1	L2	L3	KK	P	I	SW
16	26	20	6	M8X1.25	8	12	6
20	27.5	22	6	M10X1.25	10	17	8
25	28.5	22	6	M10X1.25	10	17	8
32	29	22	6	M10X1.25	12	17	10
40	28.5	22	6	M10X1.25	12	17	10
50	32	24	7	M12X1.25	16	19	14
63	30	24	7	M12X1.25	16	19	14
80	38	32	8	M16X1.5	20	23	17