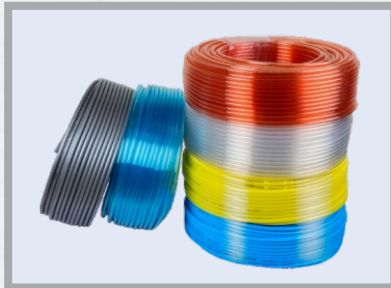


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AP11



AP22

Ordering Code

AP

Series Code

AP : Standard
Double Action Type



Tube Type

11 : Square Type
22 : Mickey Mouse Type

50

100

Cylinder Bore

Ø 32
 Ø 40
 Ø 50
 Ø 63
 Ø 80
 Ø 100
 Ø 125

Stroke

Magnet Code

Blank: Without Magnet
M : With Magnet

M



Fixed Type

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

Specification

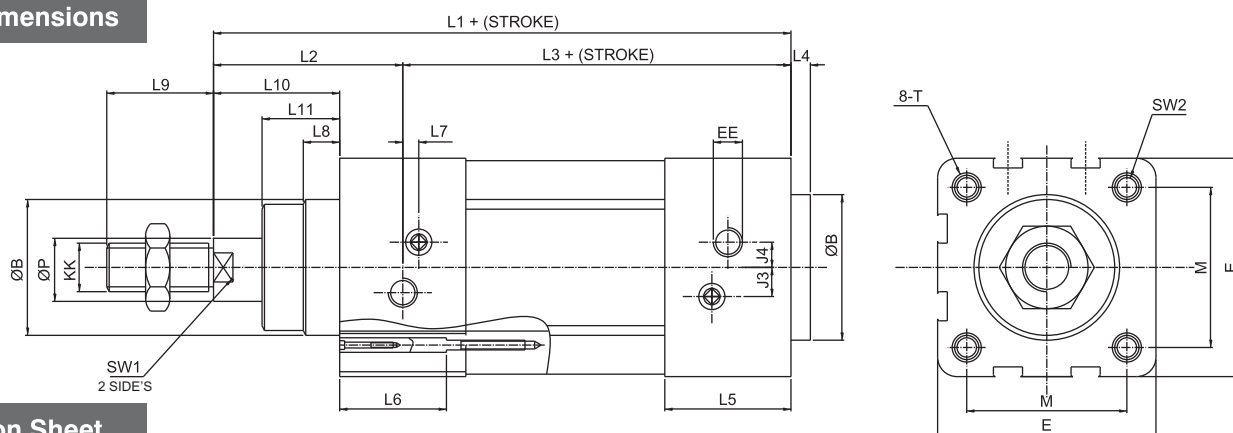
Bore(mm)	32	40	50	63	80	100	125
Motion Patten	Double Action						
Working Medium	Filtered Air						
Compression Pressure	1.5MPa						
Max. Operating Pressure	1.0MPa						
Min. Operating Pressure	0.2MPa						
Cushioning	Pneumatic cushioning						
Condition Temperature	-5°c to 70°c						
Operating Speed	50-800mm/s						
Port Size	G1/8"	G1/4"		G3/8"		G1/2"	
Stroke Range	10mm - 2200mm (Above 700mm stroke, guide must be used for better performance)						

AP Series ISO 15552 Standard Cylinder

03

Overall Dimensions

Normal Type
AP11
AP22



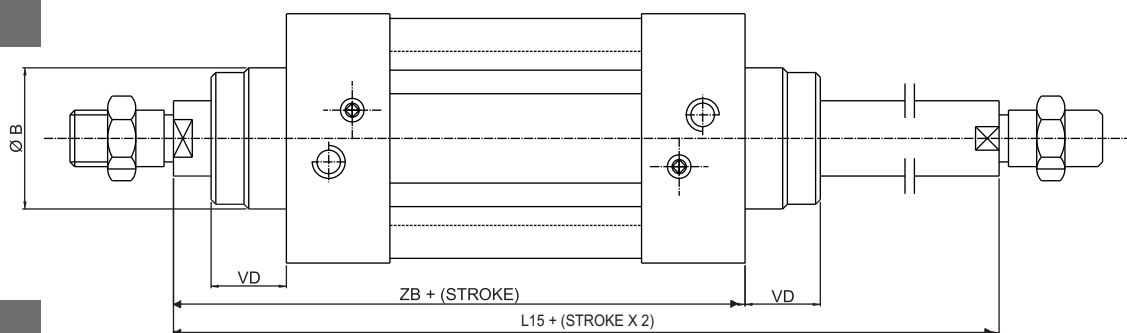
Dimension Sheet

Bore	KK	M	P	E	EE	B	T	J3	J4	SW1	SW2
32	M10 X 1.25	32.5	12	45	1/8	30	M6	6	5.2	10	6
40	M12 X 1.25	38	16	54	1/4	35	M6	8	6	13	6
50	M16 X 1.5	46.5	20	64	1/4	40	M8	10	8.5	17	8
63	M16 X 1.5	56.5	20	75	3/8	45	M8	12.4	10	17	8
80	M20 X 1.5	72	25	93	3/8	45	M10	12.5	8	22	10
100	M20 X 1.5	89	25	110	1/2	55	M10	11.8	10	22	10
125	M27 X 2	110	32	134	1/2	60	M12	13	8	28	12

Bore	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11
32	120	40	80	4	26	22	3.3	8	22	26	16
40	135	46	89	4	29.6	22	3.6	10	24	30	20
50	144	54	90	4	30	22	5.1	10	32	37	27
63	158	57	101	4	35.5	22	6.6	10	32	37	27
80	174	65	109	4	36	25	10.5	10	40	46	34.5
100	189	71	118	4	39	25	8	12.5	40	51	38
125	223	95	128	6	44.7	30	14	12.5	54	65	46

Overall Dimensions

Double Piston Rod Type
AP11 -- S2
AP22 -- S2



Dimension Sheet

Bore	32	40	50	63	80	100	125
B	30	35	40	45	45	55	60
L15	146	165	181	194	220	240	298
VD	16	20	27	27	34.7	38.2	46
ZB	120	135	144	158	174	189	223