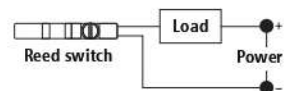




- Cylinders with aluminum casting end covers, aluminum casting piston and 'Square' profile aluminum tube
- High performance cylinders for modern demands
- Polyurethane seal ensures long life and high speed
- Dimensions as per ISO 15552, VDMA 24562
- Modern type injection moulded reed switch
- 3 psi minimum pressure to move cylinder
- Options: Bellows, viton seals, hollow shaft, rod extension and rod threading
- Specials: Reed switch, single-acting, stroke adjustable, double-ended and duplex

Available types

Cushion



Specifications

Bore sizes	32, 40, 50, 63, 80, 100, 125 mm
Medium	Compressed air (filtered and lubricated)
Design	Piston cylinder with magnetic and non magnetic version
Pressure range	7 to 150 psi (0.5 to 10 bar)
Temperature range	-10 °C to 60 °C, up to 150 °C with viton seals
Construction	End covers- aluminium, Tube- 'Square' profile aluminium semi-hard anodised, Piston rod- EN-8 hard chrome plated, stainless steel (optional), Piston- aluminium, Mountings- mild steel/cast iron, Seals- NBR, polyurethane

Ordering code

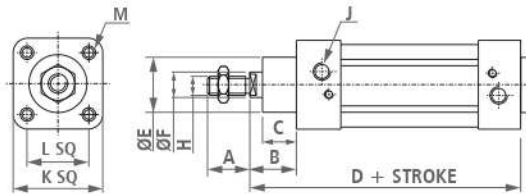
FPC	N	A	C	1	80	G	0125	X	X	M
	N ISO New			1 Cushion			Stroke			
	Pressure					Ram size		Type 1	Type 2	Type 3
A 150 psi						C 12		X Standard	X Std. (metric)	M Standard with magnet
						D 16		1 Stroke adjustable	3 Female metric	9 Rod extension
						F 20		2 Double ended	4 Hollow male	0 Special
						G 25		4 Duplex	5 Hollow female	
						P 32		5 Single acting	6 Viton Seal	
Mountings				Bore size						
A Front flange		G Foot		32	125					
B Rear flange		I Stud		40						
C Rear eye		J Neck		50						
D Rear clevis		K Basic		63						
E Intermediate trunnion				80						
F Centre trunnion				100						

• Reed switch to be order separately. Part no. EP-39R-25M

- Reed switch to be order separately, Part no. EP-39R-25M

Dimensions

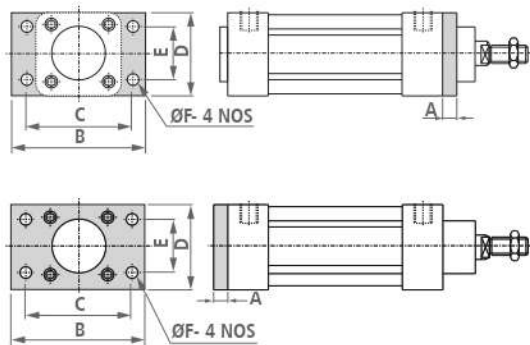
(All dimensions in mm)



Basic

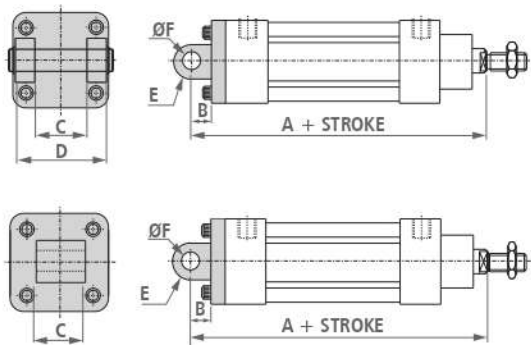
Bore	32	40	50	63	80	100	125
A	22	24	32	32	40	40	54
B	26	30	37	37	48	51	65
C	16	20	27	27	32	33	45
*D	120	135	143	158	174	189	225
E	30	35	40	45	45	55	60
F	12	16	20	20	25	25	32
H	M10X1.25	M12X1.25	M16X1.5	M16X1.5	M20X1.5	M20X1.5	M27X2
J	G 1/8	G 1/4	G 1/4	G 3/8	G 3/8	G 1/2	G 1/2
K	47	53.5	63.5	75	95	113	140
L	32.5	38	46.5	56.5	72	89	110
M	M6X1	M6X1	M8X1.25	M8X1.25	M10X1.5	M10X1.5	M12X1.75

* Stroke length above 1000 mm offered with stop tube



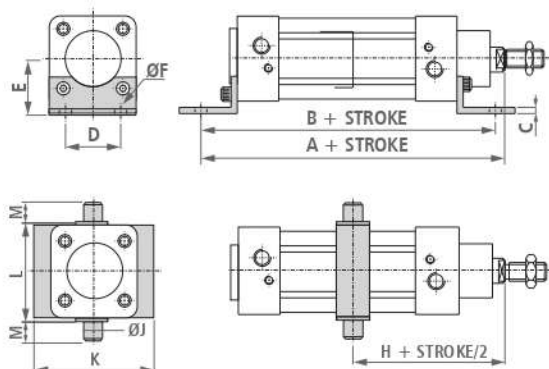
Front and rear flange mounting

Bore	32	40	50	63	80	100	125
A	10	10	12	12	16	16	20
B	80	90	110	120	150	170	224
C	64	72	90	100	126	150	180
D	46	54	64	75	95	112	140
E	32	36	45	50	63	75	90
F	7	9	9	9	12	14	16



Rear clevis and rear eye mounting

Bore	32	40	50	63	80	100	125
A	142	160	170	190	210	230	275
B	14	15	16	20	22	27	31
C	26	28	32	40	50	60	70
D	45	52	60	70	90	110	130
E	R 10	R 13	R 13	R 17	R 17	R 20	R 25
F	10	12	12	16	16	20	25



Foot and centre trunnion mounting

Bore	32	40	50	63	80	100	125
A	144	163	175	190	215	230	270
B	142	161	170	185	210	220	250
C	3	3.5	3.5	5	7	7	7
D	32	36	45	50	63	75	90
E	32	36	45	50	63	71	90
F	7	9	9	9	12	14	16
H	73	82.5	90	97.5	110	120	-
J	12	16	16	20	20	25	-
K	65	75	95	105	130	145	-
L	50	63	75	90	110	132	-
M	12	16	16	20	20	25	-

• For complete details, refer Product Data Sheet.