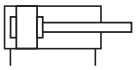
- > Ø 10 ... 25 mm
- > Rugged, compact units
- > Integral rear eye mounting
- > Corrosion resistant construction
- > Synthetic rubber buffers at end of stroke



Technical features

Medium:
Compressed air, filtered, lubricated or non-lubricated
Operation:
Double acting with buffer

Operating pressure:
2 ... 10 bar (29 ... 145 psi)
Cylinder diameters:
10, 16, 20, 25 mm
Standard strokes:
See below

Operating temperature:
-20 ... +60°C max (Ø 10 & 16 mm)
(-4 ... +140°F)
-20 ... +80°C max (Ø 20 & 25 mm)
(-4 ... +176°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C. (35°F)

Materials:
Barrel: aluminium
End covers: Glass filled PA (Ø 10 & 16 mm); die cast aluminium (Ø 20 & 25 mm)
Piston rod: stainless steel (austenitic)
Seals: NBR

Technical data

Cylinder Ø (mm)	10	16	20	25
Port size	M5	M5	G1/8	G1/8
Piston rod Ø (mm)	4	6	8	10
Piston rod thread	M4	M6	M8	M10
Theoretical thrusts at 6 bar outstroke (N)	47	120	188	294
Theoretical thrusts at 6 bar instroke (N)	39	103	158	247
Air consumption at 6 bar outstroke (l/cm)	0,006	0,014	0,022	0,035
Air consumption at 6 bar instroke (l/cm)	0,005	0,013	0,019	0,028

Standard strokes

Cylinder Ø (mm)	Strokes length (mm) 15	25	50	75	100	125
10	•	•	—	—	—	—
16	•	•	•	•	—	—
20	•	•	•	•	•	—
25	—	•	•	•	•	•

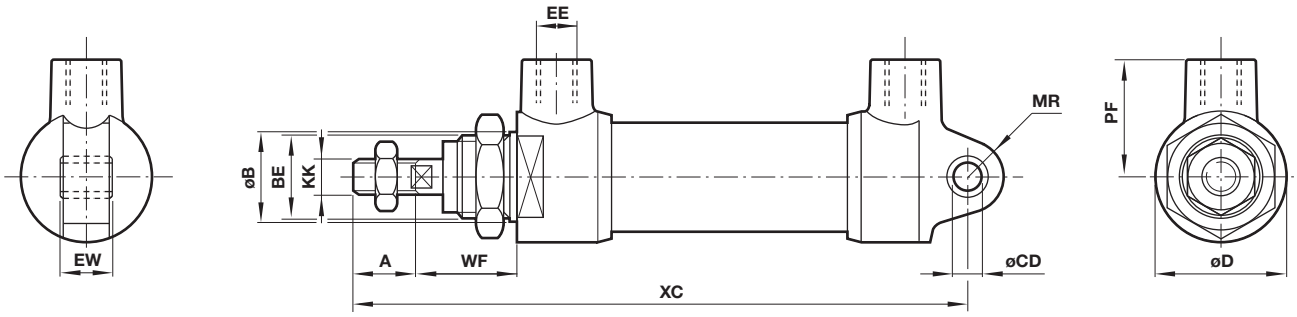
Option selector

M/60★★/★★★

Cylinder Ø (mm)	Substitute
10	**10**
16	**16**
20	**20**
25	**25**

Strokes (mm)
Standard strokes only

Drawing



Ø	A	Ø B	Ø B	BF	Ø CD H9	EW	EE	KK	MR	PF	WF	XC (stroke length) 15	25	50	75	100	125	Model *1)
10	8	11	16,5	M10x1,25	4,10/4,02	8,3	M5	M4	4,5	13	16	59	79	—	—	—	—	M/6010/*
16	12	17	25,5	M16x1,5	5,1/5,02	10	M5	M6	6	14	19,5	81	91	116	—	—	—	M/6016/*
20	15	19 h11	28	M18x1,5	5,01/5,0	12,1/11,8	G1/8	M8	8	26	23	93,5	93,5	118,5	143,5	168,5	—	M/6020/*
25	20	23 h11	33	M22x1,5	6,01/5,99	16,1/15,8	G1/8	M10	9	28	26	—	99,5	124,5	149,5	174,5	199,5	M/6025/*

*1) insert standard stroke length

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under **»Technical features/data«**.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.