

1
CHARACTERISTICS

Ambient temperature	-20 ÷ 80 °C
Fluid	filtered air, with or without lubrication
Working pressure	1,5 ÷ 10 bar
End-caps	aluminium, crimped on barrel
Barrel	stainless steel
Piston	brass (Ø8÷16), aluminium (Ø20-25)
Guide slide	acetalic resin
Piston rod	stainless steel
Piston seal	NBR
Guide bush for piston rod	standard supplied
Shock absorber seals	NBR
Cushionings	adjustable on both sides (Ø16÷25)


CODIFICATION KEY

M	1	0	0	0	2	5	0	0	5	0			
1	2	3	4	5	6	7	8						

1 Series	2 Type	3 Version	4 Bore (mm)
M = Ø8÷25 mm - ISO 6432 Microcylinders	1 = Stainless steel piston rod (standard vesion) 2 = Chromium-plated steel piston rod (to be used only with locking unit) 3 = Reduced version with stainless steel piston rod	00 = D.A. Standard version 01 = D.A. Through piston rod 50 = D.A. With adjustable cushionings (Ø16÷25) 51 = D.A. Through piston rod with adjustable cushionings (Ø16÷25) 60 = S.A. Retracted piston rod (Ø10÷25), Max stroke 50 mm 70 = S.A. Extended piston rod (Ø16÷25), Max stroke 25 mm D.A. = Double acting S.A. = Single acting	008 = Ø8 010 = Ø10 012 = Ø12 016 = Ø16 020 = Ø20 025 = Ø25

5 Stroke (mm)	6 Option	7 Magnetic	8 ATEX option
0010 = 10 0080 = 80 0250 = 250 0020 = 20 0100 = 100 0300 = 300 0025 = 25 0125 = 125 0320 = 320 0030 = 30 0150 = 150 0400 = 400 0040 = 40 0160 = 160 0500 = 500 0050 = 50 0175 = 175 0075 = 75 0200 = 200	F = Preset for locking unit reduced protrusion	M = Magnetic version (Ø10÷25)	X = ATEX (upon request)

See ATEX Catalogue for types and versions

M190 version with high temperature seals (Max 120°C) available upon request
FIXING ELEMENTS AND ACCESSORIES

Ø	Female fork with clips	Articulated self-lubricating fork	Fork with axially mounted articulated pin	Fork with angle mounted articulated pin	Floating joint	Female rear hinge	Angle bracket	Flange	Nut for end-cap	Holder for DF sensor	DF sensor
8											
10	MF-15008	MF-17008	-	-	-	MF-21008	MF-13008	MF-12008	MF-20008	-	DF
12	MF-15012	MF-17012	MF-22016	MF-23012	MF-24012	MF-21012	MF-13012	MF-12012	MF-20012	DH-M10DF	
16	MF-15012	MF-17012	MF-22016	MF-23012	MF-24012	MF-21012	MF-13012	MF-12012	MF-20012	DH-M12DF	
20	MF-15020	MF-17020	MF-22020	MF-23020	MF-24020	MF-21020	MF-13020	MF-12020	MF-20020	DH-M16DF	
25	KF-15032	KF-17032	KF-22025	KF-23025	KF-24032	MF-21020	MF-13020	MF-12020	MF-20020	DH-M20DF	

Ø	Holder for DH sensor	DH sensor
8		
10	DH-M10	DH
12	DH-M12	
16	DH-M16	
20	DH-M20	
25	DH-M25	

Through piston rod

Reduced version with adjustable cushionings
