



Application

- Pneumatic Automation, Robotics, Handling
- Automotive Process
- Textile, Packaging, Heavy Duty
- Food Process



Fluid	Filtered compressed air, lubricated or non-lubricated
Temperature	0 °C (-20 °C in dry air) ÷ + 80 °C
Pressures	1 bar (0.1 MPa) 10 bar (1 MPa)
Nut	Galvanized steel
Rod	AISI 303 stainless steel
Rod seal	Polyurethane
Front and rear head	Anodized aluminum
Locking ring	Galvanized steel
Bushing	Sintered bronze
O-ring seals	NBR (Nitrile rubber)
Bumpers	Neoprene
Piston	Brass
Piston seal	Polyurethane
Magnet	Plastoferrite
Mini cylinder barrel	AISI 304 stainless steel
Functioning	Single acting magnetic (non-magnetic upon request). Double acting, magnetic (non-magnetic upon request), single or double end rod, cushioned or non-cushioned.
Sensors recommended	DSL con staffa MFX DF con staffa DH



Reference Standard

II 2 GD h T6 -20°C<Tamb<80°C


1907/2006
REACH✓

2011/65/CE
RoHS✓

SILICON
FREE


Serie

Ø mm

Stroke

Special version

M F

0 0 8

0 0 2 5

V S

- ▲ MB Single-Acting Magnetic
- MD Single-Acting Magnetic - Spring Thrust
- MF Double Acting Magnetic
- ◆ MFA Double acting magnetic with hexagonal shank anti-rotation
- MFN Double Acting Magnetic Head Cut, Feed At 90°
- MFX Double Acting Magnetic Head Cut Feed On Axis
- ◆ MH Double Acting Cushioned Magnetic
- MJ Double Acting Magnetic With Double Rod End
- ◆ ML Double Acting Cushioned Magnetic With Double Rod End
- ◆ MHL Double-acting, magnetically cushioned, with rod lock

- VS Rod Seals in FKM
- V Seals in FKM

Ø (mm)	10	25	40	50	80	100	125	160	200	250	320
8	▲●	▲●	▲●	▲●	●	●	●				
10	▲●	▲●	▲●	▲●	●	●	●				
12	▲●	▲●	▲●	▲●	●	●	●	●	●	●	
16	▲■●○	▲■◆○	▲■◆○	▲■◆○	●◆○	●◆○	●◆○	●◆○	●◆○	●◆○	
20	▲■●○	▲■◆○	▲■◆○	▲■◆○	●◆○	●◆○	●◆○	●◆○	●◆○	●◆○	●◆○
25	▲■●○	▲■◆○	▲■◆○	▲■◆○	●◆○	●◆○	●◆○	●◆○	●◆○	●◆○	●◆○

Intermediate or higher strokes are available on request.

FIXING ELEMENTS AND ACCESSORIES - MINI CYLINDERS ISO 6432

Ø	FLANGE		FOOT		CLEVIS BRACKET	
						
	Aignep	Univer	Aignep	Univer	Aignep	Univer
8-10	MFL 008	MF-12008	MPD 008	MF-13008	MCC 008	MF-21008
12-16	MFL 012	MF-12012	MPD 012	MF-13012	MCC 012	MF-21012
20-25	MFL 020	MF-12020	MPD 020	MF-13020	MCC 020	MF-21020

Ø	NUT FOR COVERS		NUT FOR RODS		YOKE WITH LOCABLE PIN	
						
	Aignep	Univer	Aignep	Univer	Aignep	Univer
8	-	-	ODA00 00 51 B1 ZI	-	FC 008	MF-15008
10	-	-	ODA00 00 51 B1 ZI	-	FC 008	MF-15008
12	-	-	ODA00 00 51 B8 ZI	-	FC 012	MF-15012
16	-	-	ODA00 00 51 B8 ZI	-	FC 012	MF-15012
20	-	-	ODA00 00 51 C3 ZI	-	FC 020	MF-15020
25	-	-	ODA00 00 51 C9 ZI	-	FC 025	KF-15032
8 - 10	ODA00 00 51 D5 ZI	MF-20008	-	-	-	-
12 - 16	ODA00 00 51 E3 ZI	MF-20012	-	-	-	-
20 - 25	ODA00 00 51 F6 ZI	MF-20020	-	-	-	-

Ø	ROD ENDS SELF-LUBRICATING		DSL SENSOR BRACKET		DF SENSOR BRACKET	
						
	Aignep	Univer	Aignep		Univer	
8	TF 008	MF-17008	MFx 008		-	
10	TF 008	MF-17008	MFx 010		DH-M10DF	
12	TF 012	MF-17012	MFx 012		DH-M12DF	
16	TF 012	MF-17012	MFx 016		DH-M16DF	
20	TF 020	MF-17020	MFx 020		DH-M20DF	
25	TF 025	KF-17032	MFx 025		DH-M25DF	

Ø	PISTON ROD LOCK	
		
	Univer	
16	L1-N01606	
20	L1-N02008	
25	L1-N02510	