

Individual mounting

Inline	Sub-base non plug-in
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Series

34

36

32

37

38

52

67

44

46

42

47

48

400

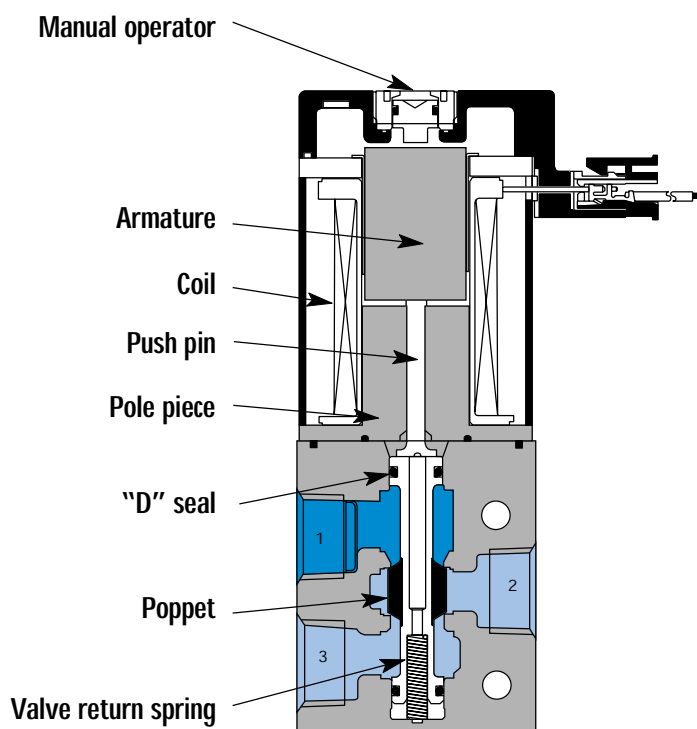
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ISO 1

ISO 2

ISO 3



SERIES FEATURES

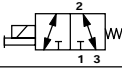
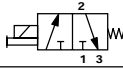
- Balanced poppet equals consistent high shifting forces.
- Valve shifting forces are consistent and independent of pressure fluctuations.
- High solenoid and return spring forces ensure high speed and precise repeatability.
- Built-in wear compensation - valve stroke is shorter than solenoid stroke.
- Constant high flow maintained throughout the pressure range.
- Exhaust contaminants are isolated from the solenoid.
- Full flow exhaust.
- Universal porting - 6 functions in one valve.

Function	Port size	Flow (Max)	Individual mounting	Series
3/2 NO-NC	G1/8" - G1/4"	500 NI/min	Inline	

OPERATIONAL BENEFITS

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HOW TO ORDER

Port size	Universal valve	NC only valve
		
G1/8"	37A-AC0-H xxx-xxx	37A-BC0-H xxx-xxx
G1/4"	37A-AD0-H xxx-xxx	37A-BD0-H xxx-xxx



SOLENOID OPERATOR ➤

H **xxx-xxx***

XX	Voltage	X	Wire length	X	Manual operator	XX	Electrical connection**
AA	120 V~/6,7W	A	45 cm	1	Non-locking	MA	Mini connector
DA	24 V~/5,2W	B	60 cm	2	Locking	MC	Mini connector with light
DB	24 V~/2,4W					BA	Flying leads
DC	24 V~/1,8W					BC	Flying leads with light
						HA	Mini connector with rectifier & light

Note : AC voltage requires connector with rectifier.

* Click here for other options available.

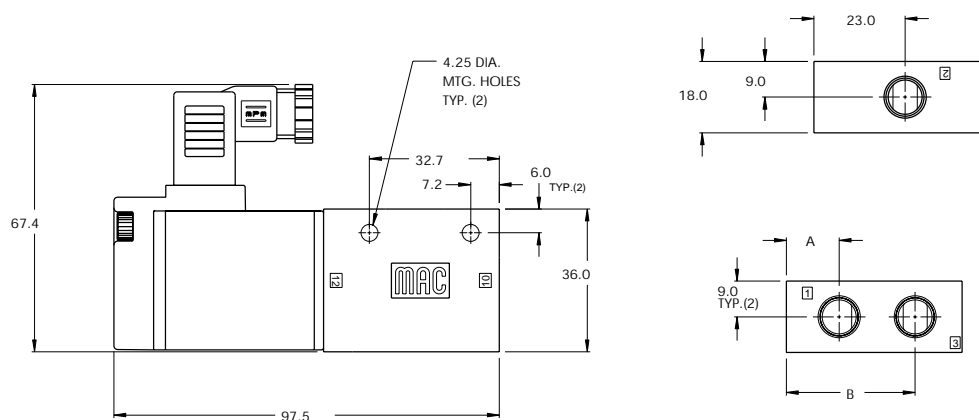
TECHNICAL DATA

Fluid :	Compressed air, vacuum, inert gases
Pressure range :	Vacuum to 8 bar
Lubrication :	Not required, if used select a medium aniline point lubricant (between 80 °C and 100°C)
Filtration :	40 µ
Temperature range :	-18°C to +50°C
Orifice :	4,3 mm
Flow :	5,2 W : 500 NI/min (Cv 0,5) – 2,4 W : 350 NI/min (Cv 0,35)
Coil :	Epoxy encapsulated – 100% ED
Voltage range :	-15% to +10% of nominal voltage
Protection :	IP54 (electrical connection)
Power :	5,2 W – 2,4 W
Response times :	Energize : 16,9 ms
(with 5,2 W coil)	De-energize : 6,7 ms

Options : • NPTF ports

DIMENSIONS

Dimensions shown are metric (mm)



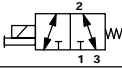
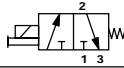
Dim	A	B
1/8"	13.3	32.45
1/4"	14.7	33.7

Function	Port size	Flow (Max)	Individual mounting	Series
3/2 NO-NC	G1/8" - G1/4"	500 NI/min	Sub-base non plug-in	

OPERATIONAL BENEFITS

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HOW TO ORDER

Port size	Universal valve	NC only valve
		
Valve less base	37A-C10-H XXX-XXX	37A-D10-H XXX-XXX
G1/8"	37A-CCA-H XXX-XXX	37A-DCA-H XXX-XXX
G1/4"	37A-CDA-H XXX-XXX	37A-DDA-H XXX-XXX

SOLENOID OPERATOR ►

H XXX-XXX *			
XX Voltage	X Wire length	X Manual operator	XX Electrical connection
AA 120 V~/6,7W	A 45 cm	1 Non-locking	MA Plug-in wire assembly
DA 24 V~/5,2W	B 60 cm	2 Locking	MC Plug-in wire assembly with light
DB 24 V~/2,4W			BA Flying leads
DC 24 V~/1,8W			BC Flying leads with light
			HA Plug-in wire assembly with rectifier & light

Note : AC voltage requires connector with rectifier.
 * Click here for other options available.

OPTIONS

Base only :

37A-OCA (1/8")
37A-ODA (1/4")

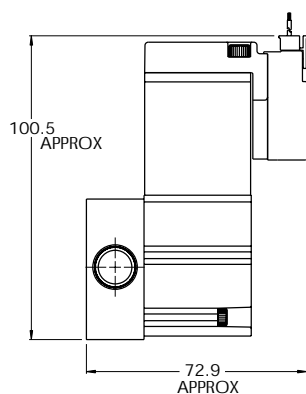
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Power :	5,2 W – 2,4 W
Response times : (with 5,2 W coil)	Energize : 16,9 ms De-energize : 6,7 ms

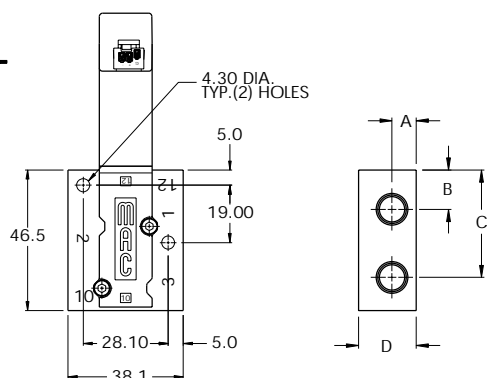
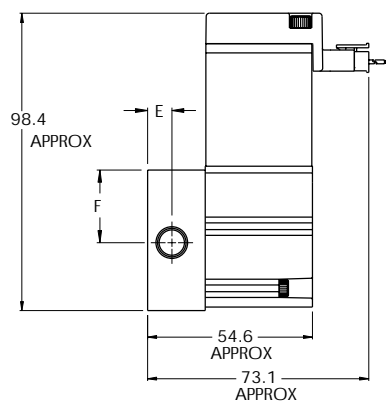
Options : • NPTF ports

DIMENSIONS

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RECTIFIER COVER OPTION
(SHOWN WITH 1/4" PORTS)



FLYING LEAD OPTION
(SHOWN WITH 1/8" PORTS)

Dim	A	B	C	D	E	F
1/8"	8.0	13.0	35.5	19.05	8.0	24.0
1/4"	9.5	9.5			9.5	22.5