The MM3-Series In-line 3/2 Mechanically operated valves provide an extensive range of control options, that may be easily interchanged. The range may be used Lubrication free and have M5, G1/8 or G1/4 ports.

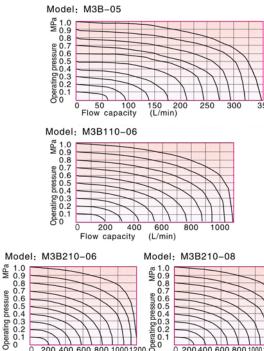


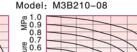
Symbols

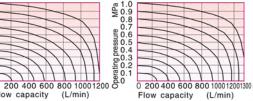
Product Features

- 1. Balanced spool construction is not influenced by pressure changes.
- 2. Low leakage and low friction action.
- 3. Spring return
- 4. Special manufacturing techniques ensure low start pressure and long service life.
- 5. Maybe used lubrication free.
- 6. Compact 13mm, 18mm and 22 valve widths.

Flow Charts





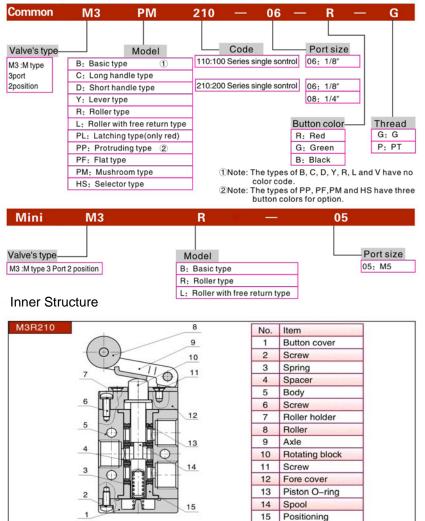


Specification

Model		M3B	M3C	M3D	M3R	M3L	M3Y	МЗРМ	M3PP	M3PF	M3PL	M3HS	
Fluid		Air (to be filtered by 40µm filter element)											
Operating		External control direct acting type											
Port size 1		05: M5; 06:1/8"; 08:1/4"											
Orifice size mm ²	Mini type	05: 2.5mm²(Cv=0.14);											
	110	06: 8.0mm ² (Cv=0.45)											
	210	06:9.0mm ² (Cv=0.50);08:12.0mm ² (CV=0.67)											
Valve type		3 port 2 position											
Lubrication (2		Not required											
Pressure range		0~1.0MPa(0~145Psi)											
Proof pressure		1.5 MPa(215Psi)											
Temperature °C		-20~70											
Material of body		Aluminum allov											

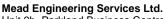
G (BSP) and M5 threads are standard (NPT threads are available as an option on request) 2. If lubrication is preferred, lubricants similar to ISO VG32 or equivalent are recommended.

Model/Ordering Codes



Operator Stroke

		Com	Mini type					
Туре	Spool stroke	Button stroke	Type	Spool stroke	Roller (handle)stroke	Туре	Spool stroke	Roller stroke
M3B	2.0~3.3	-	M3R	2.0~3.0	4.6-6.8	M3B05	2.0~3.3	-
M3PF	2.0~3.3	3.8~5.1	M3L	2.0~3.0	5.0~7.8	M3R05	2.0~3.0	6.0~8.5
M3PP	2.0~3.3	3.8~5.1	M3C	2.0~3.0	11.0~16.0	M3L05	2.0~3.0	7.0~10.0
МЗРМ	2.0~3.3	3.8~5.1	M3D	2.0~3.0	5.5~8.0			
M3PL	2.0-3.3	5.9~7.2						1934 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 - 1944 -
M3HS	2.0~3.3	5.1~6.4						



Flow capacity

JUL12/RW/A

(L/min)

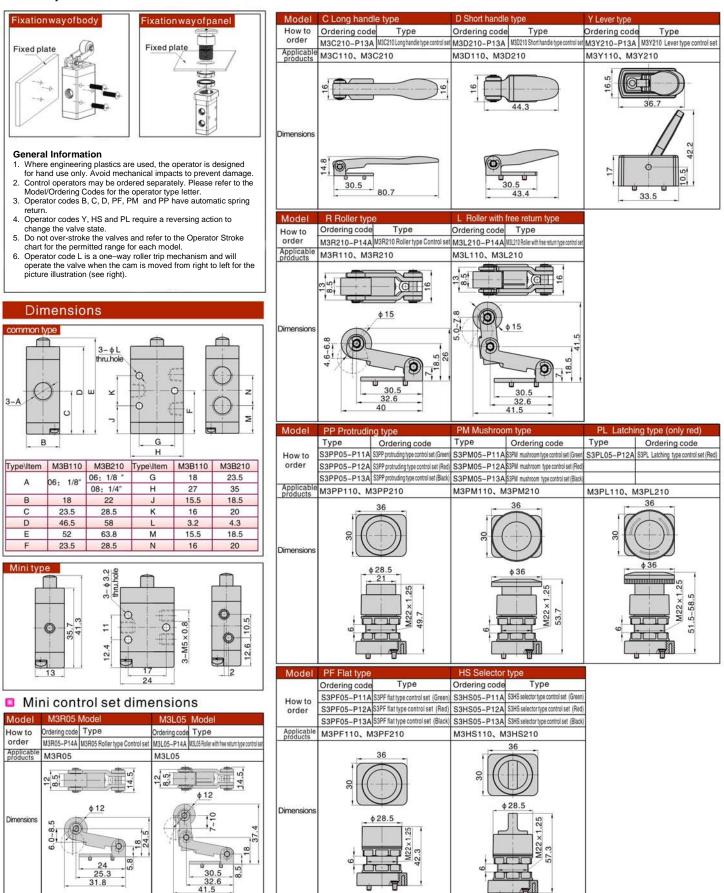
Unit 9b, Parkland Business Centre, Chartwell Road, Lancing, West Sussex, United Kingdom, BN15 8UE

ENGINEERING SERVICES LTD

MM3 Series 3/2 Mechanically Operated In-line Valves

Dimensions

Assembly Details



JUL12/RW/A

Mead Engineering Services Ltd. Unit 9b, Parkland Business Centre, Chartwell Road, Lancing, West Sussex, United Kingdom, BN15 8UE MEAD ENGINEERING SERVICES LTD