

The adaptable VM15 series of products is composed of a 3/2 spool-type centre section, spool position indicator and solenoid pilot actuator. The VM15 series is interchangeable with Capsula 1/4 valve products. The valve can be supplied individually or mounted on an 8 station manifold base.

Key Features:

Metal actuator ends

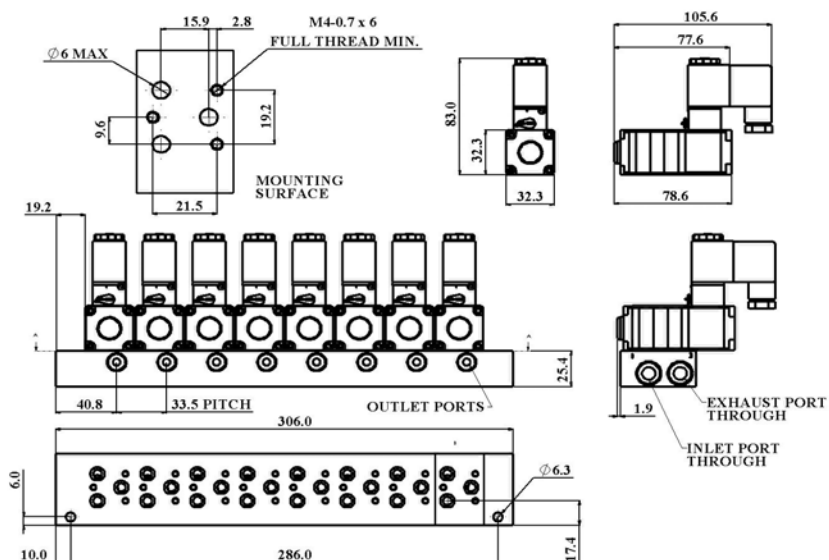
Slip on/off interchangeable coils

High flow rate

Manual override

Stainless steel spool

Spool position indicator



The centre section consists of three moulded segments clamped between end plates and housing static twin lipped seals through which the valve spool slides. Spool actuators are secured to the ends of the centre section and three screws hold the valve to the base

TECHNICAL SPECIFICATIONS

GENERAL

Type of Unit	3 Port 2 Position Directional Valve
Model Code	Refer ordering code overleaf
Design	Spool Type Valve, Sub-Base Mounted
Mounting Type	Optional
Connections	Appropriate to the Sub-Base
Port Sizes	See Model Code

PNEUMATIC CHARACTERISTICS

Operating Pressure Range	45 - 105 psi
Operating Temperature Range	-10 to +50°C
Orifice Size	6.0mm
CV Factor (Ports 1-2)	1.00

ACTUATORS ELECTRICAL

Standard DC	12V	24V	
Standard AC	24V-50/60Hz	110V-50/60Hz	240V-50/60Hz

ELECTRICAL CHARACTERISTICS

AC Solenoid	5 VA
DC Solenoid	3 Watts
Operating Duty	100% (Continuous)
Type of Protection (Class)	IP65
Insulation (Class)	'F'
Electrical Connection	Din 43650 Type 'B'

MATERIALS

Body Segments	GE Plastic - Valox
Clamp Plates	Aluminium
Spool	Stainless Steel
Spool Seals	Nitrile
Actuator Housing	Anodised Aluminium
Actuator Pistons	Acetyl
Solenoid Components	Stainless Steel/Brass



STANDARD VALVE RANGE



PRODUCT ORDERING CODE

VM15—0307—BS —801

PRODUCT FAMILY

VM15 - Capsula 1/4" Valve

ACTUATORS (SELECT BOTH ENDS)

01 - Solenoid Pilot Standard Piston No Manual Override
 03 - Solenoid Pilot Standard Piston
 07 - Spring Return

VOLTAGE - SOLENOID

A - 12DC D - 24AC 50/60Hz
 B - 24DC F - 110AC 50/60Hz
 H - 230AC 50/60Hz

(Add suffix 'S' if L.E.S. is required, otherwise insert "O")

Consult Sales for additional voltages

BASE OPTIONS

- 8 0 1

BASE (TOTAL 8 STATIONS)

1 - In/Exh. 12mm PIF/ Out. 6mm PIF
 3 - In/Exh. 3/8 BSP/ Out. 1/4 BSP

Number of Blank Stations (1 - 8)

Number of Valve Stations (1 - 8)

KITS

VM15K-1 - Valve Seals
 VM15K-2 - Solenoid Operator
 VM15K-3 - Spare Coil (Specify Voltage Code)

