

The VM21 range is interchangeable with the Capsula 6mm valves. These sub-base mounted valves have been designed to save space, time and money, whilst providing a high flow rate. Particular concern has been given to the ease and speed of servicing, thus reducing 'down time' to an absolute

## Key Features:

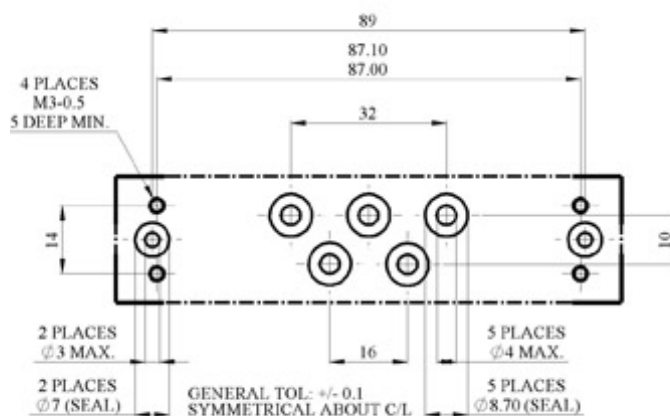
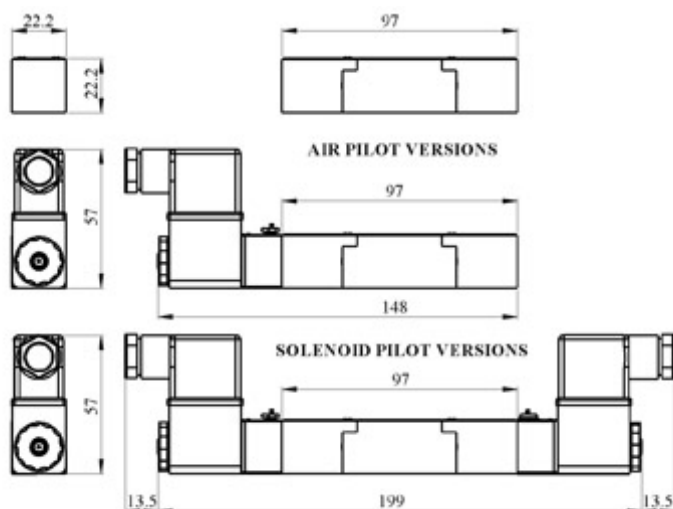
Cable plug and base plug versions

Metal actuator ends

Slip on/off interchangeable coils

Manual override

5/2 and 5/3 pressure held/pressure release



TECHNICAL SPECIFICATIONS

General

Type of Unit	5 Port 2 or 3 Position Directional Valve
Model Code	Refer to ordering code overleaf
Design	Spool Type Valve
Mounting Type	On Sub-Base
Connections	Appropriate to the Sub-Base
Port Sizes	Suitable for 6mm Push-in Fittings

Pneumatic Characteristics

Operating Pressure Range	3 - 8 bar (45 - 120psi)
Operating Temperature Range	-20 to +100°C
Orifice Size	4.0mm
CV Factor (Ports 1-2)	0.4

Actuators Electrical

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

\*Consult with Sales for additional voltages\*

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	Anodised Aluminium
Spool	Aluminium
Spool Seals	High Nitrile or Viton
Actuator Housing	Anodised Aluminium
Actuator Pistons	Aluminium
Solenoid Components	Stainless Steel/Brass
Screws	Stainless Steel

## STANDARD VALVE RANGE



## PRODUCT ORDERING CODE

**VM21—0303—BS —000**

**PRODUCT FAMILY**

VM21 - 6mm Valve

**ACTUATORS (SELECT BOTH ENDS)**

03 - Solenoid Pilot Standard Piston  
 04 - Solenoid Pilot Small Piston  
 05 - Air Pilot Standard Piston  
 06 - Air Pilot Small Piston  
 07 - Spring  
 14 - Air Spring  
 71 - Solenoid Pilot 5/3 Pressure Release  
 72 - Solenoid Pilot 5/3 Pressure Held  
 75 - Air Pilot 5/3 Pressure Release  
 76 - Air Pilot 5/3 Pressure Held

**VOLTAGE - SOLENOID**

A - 12VDC      D - 24VAC 50/60 Hz  
 B - 24VDC      F - 110VAC 50/60 Hz  
                     H - 230VAC 50/60 Hz

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

\*Consult with Sales for additional voltages\*

**VALVE OPTIONS**

000 - Cable Plug and Base Plug  
 00V - Viton Seals

**BASES**

Availability subject to quantity

**KITS**

VM21K-1 - Valve Seals  
 VM21K-2 - Solenoid Operator  
 VM21K-3 - Spare Coil (Specify Voltage Code)  
 VM21K-C - Base Kit

