

Parker Product Datasheet



Parker's Colorflow MV series valves is a high precision adjust needle valve that meters flow in both directions.

PART NUMBER: 9MV800S
MAXIMUM OPERATING TEMPERATURE: N/A
MAXIMUM OPERATING PRESSURE: N/A
FLOW RATE: N/A
MINIMUM OPERATING TEMPERATURE: -40
CONNECTION TYPE: BSPP
CONNECTION SIZE: 1/2
BODY MATERIAL: Steel
SEAL MATERIAL: Nitrile
MAXIMUM FLOW RATE: 15
FUNCTION: Metering Valve
ACTUATION TYPE: Manual
MOUNTING STYLE: Inline
NEEDLE TYPE: Standard; 30° Taper

PRODUCT OVERVIEW

Parker's Colorflow MV series valves allow extremely close control of fluids used in actuating and governing equipment. The needle allows fine adjustment at low flow by using the first three turns of the adjusting knob. The next three turns open the valve to full flow, and provides standard throttling adjustment.

Markets:

- Factory Automation
- Machine Tools
- Marine

- Material Handling
- Mining
- Miscellaneous Industrial
- Miscellaneous Manufacturing
- Molding
- Oil & Gas
- Power Generation
- Vehicle Assembly Facilities

Features/Benefits:

- Port options include NPT and SAE
- Material offerings are brass and steel
- Available in an in-line or right angle style
- Port sizes are available in 7 sizes from 1/8" to 1"
- MVK mounting kits make panel mounting simple
- High efficiency o-ring stem seal eliminates packing
- Fine and micro-fine needles available for extremely fine control
- The exclusive "Colorflow" color-band provide an accurate visual indication of setting

Applications:

- Suitable for general hydraulic applications

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	250 °F
MAXIMUM OPERATING TEMPERATURE	-40 °C
DIVISION	Hydraulic Valve Systems Division
MAXIMUM OPERATING PRESSURE	345 bar
MAXIMUM OPERATING PRESSURE	5000 psi
FLOW RATE	n/a
MINIMUM OPERATING TEMPERATURE	121 °C

MINIMUM OPERATING TEMPERATURE	-40° °F
CONNECTION TYPE	BSPP
MEDIA	Oil
BRAND	Colorflow
CONNECTION SIZE	1/2
BODY MATERIAL	Steel
SEAL MATERIAL	Nitrile
MAXIMUM FLOW RATE	57 L/min
MAXIMUM FLOW RATE	15 gal/min
FUNCTION	Metering Valve
ACTUATION TYPE	Manual
CONFIGURATION	Inline
MOUNTING STYLE	Inline
NEEDLE TYPE	30° Taper
NEEDLE TYPE	Standard