

Parker Product Datasheet



Parker's FS series flow control valve offers superior construction and high versatility due to its variety of materials, sizes and port styles. It can be used in both the mobile and industrial markets.

PART NUMBER: FS800S
MAXIMUM OPERATING PRESSURE: 3000 PSI
SIZE: 1/2"
MAXIMUM FLOW RATE: 15 GPM
MOUNTING TYPE: Subplate

PRODUCT OVERVIEW

Parker's FS series flow control valve offers superior construction and high versatility due to its variety of materials, sizes and port styles. It can be used in both the mobile and industrial markets.

The FS series flow control valve comes in 5 sizes ranging from 5 to 40 GPM.

Markets:

- Factory Automation
- Machine Tools
- Marine
- Material Handling
- Mining
- Miscellaneous Industrial
- Miscellaneous Manufacturing
- Molding

- Oil & Gas
- Power Generation
- Vehicle Assembly Facilities

Features/Benefits:

- Pressures up to 3,000 PSI
- 5 mounting sizes with flows up to 40 GPM
- Needle and poppet are stainless steel
- Set screw or optional finger screw locks needle flow position

Applications:

- Suitable for general hydraulic applications

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	N/A
DIVISION	Hydraulic Valve Systems Division
MAXIMUM OPERATING PRESSURE	3000 psi
FLOW RATE	N/A
MINIMUM OPERATING TEMPERATURE	N/A
CONNECTION TYPE	Subplate mounting
CONNECTION SIZE	1/2 inch
BODY MATERIAL	Steel
SEAL MATERIAL	Nitrile
WEIGHT	0.67 kg
MAXIMUM FLOW RATE	15 gal/min
FUNCTION	Flow Control
ACTUATION TYPE	Manual
CONFIGURATION	N/A
CRACKING PRESSURE	5 psi

NEEDLE TYPE

Standard