

High Pressure Inline Filter 12S Series

Part #: 12SMP220QHV4L35N821



Parker's 12S High Pressure Stainless Steel Inline Filters are ideal for heavy duty applications in aggressive environments. Allowable operating pressure of 20,000 psi/1,380 bar and capable of flows up to 25 GPM/95 LPM depending on viscosity.

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Technical Specifications

Seal Material:	Fluorocarbon	Bypass Valve Pressure Rating:	N/A
Bypass Valve Pressure Rating:	N/A	Port Type:	1/2 NPTF
Flow Rate:	20 gpm (75.7 lpm)	Indicator Type:	Electrical/Visual (DIN 43650 style connection)
Filter Element:	20 micron microglass	Indicator Pressure Setting:	N/A
Indicator Type:	Electrical/Visual (DIN 43650 style connection)	Options:	No bypass w/ 1/4" drain port
Port Connection Type:	1/2 NPTF	Housing Material:	Stainless Steel 316L
Options:	No bypass w/ 1/4" drain port	For Fluid Type:	Mineral, Petroleum and Polyalphaolefin (PAO) based fluids
Mounting Style:	Inline	Maximum Operating Temperature:	275 F (135 C)
Pressure Rating:	10000 psi (689 bar)	Weight:	17 lbs (7.71 kg)
Flow Rate:	20 gpm (75.7 lpm)	Compatible Element:	403404
Filter Element Type:	20 micron microglass, Cartridge	Product Type:	Hydraulic Filter
Seal Material:	Fluorocarbon		

[Safety Warning](#)

Item Information

The 12S Series is designed to meet the growing demand for high-pressure systems. Stainless Steel construction engineered to handle flow rates of up to 25 GPM/95 LPM at 20,000 psi/1,380 bar working pressure, Parker's 12S Filter Series designed to perform in harsh environments.

High strength Microglass elements withstand differential pressures up to 2,000 psid/138 bar to ensure system reliability and protect critical equipment from contamination.

Qty:



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Product Features:

- 316L stainless steel construction
- Diverse porting options adapt to your system
- Light weight design for ease of changeouts
- High strength multi-layer Microglass filter elements
- 100% pressure tested
- Maximum pressure 20,000 psi/1,380 bar. Maximum flow 25 gpm/95 lpm

Typical Applications:

- Offshore Drilling
- DI Water Fogging
- Food Processing
- High Pressure Test Stands

CAD Drawings + Files



Related Documents



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