

Parker Product Datasheet



Stainless steel non-return valves are ideally suited to harsh environments and for conveying many industrial fluids. These products allow fluids to flow in one direction and prevent them from flowing in the other.

PART NUMBER: 4890 34 34
LENGTH: 90 MM
CONNECTION 1 SIZE: G 1 (Thread)
CONNECTION 1 TYPE: Female BSPP
CONNECTION 2 TYPE: Female BSPP
CONNECTION 2 SIZE: G 1 (Thread)
DIAMETER NOMINAL (DN): 90

PRODUCT OVERVIEW

Stainless steel non-return valves are ideally suited to harsh environments and for conveying many industrial fluids. These products allow fluids to flow in one direction and prevent them from flowing in the other.

Features/Benefit:

- Demanding Environments
- Robust design
- Suitable for use with many chemicals or in corrosive environments
- Compatible with many fluids

- Compact & Versatile

- Reduced dimensions
- Smooth external surfaces contribute to equipment cleanliness
- Flow direction symbol protects against incorrect installation
- Hexagonal body to facilitate installation

Markets:

- Machine Tools
- Food and Beverage
- Printing and Marking Equipment
- Industrial Chemical Processing
- Wearing Apparel
- Vehicle Assembly Facilities

Applications:

- Pneumatic Circuits Protection
- Suitable for Industrial Fluids in Harsh Environment

Technologies:

- Non-return valve
- Check valve
- Function fitting
- FKM seal

Technical Characteristics:

- Fluids: Many fluids
- Materials: 316L stainless steel, 302 stainless steel, FKM, silicone-free
- Pressure: Vacuum to 40 bar
- Temperature: -20°C to +180°C
- Cracking pressure: 0.25 bar

Regulations:

- DI: 2002/95/EC (RoHS)
- RG: 1907/2006 (REACH)

- DI: 97/23/EC (PED)

Product Types:

- Non-Return Valve, Female BSPP Thread
- Non-Return Valve, Supply, Male BSPP Thread/Exhaust, Female BSPP Thread
- Non-Return Valve, Supply, Female BSPP Thread/Exhaust, Male BSPP Thread
- Non-Return Valve, Female NPT Thread

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	180 °C
DIVISION	Low Pressure Connectors Europe Division
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MAXIMUM OPERATING PRESSURE	40 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Corrosive
INDUSTRY	Industrial Processing
INDUSTRY	Industrial Manufacturing Equipment
SHAPE	Non-Return Valve
APPLICATION	Pneumatics, Machine Tools, Food Process, Printing, Chemical, Textile, Automotive Process
BRAND	Parker
BRAND	Legris
TECHNOLOGY	Fluid & Gas Handling
LENGTH	90 mm
CONNECTION 1 SIZE	G1
BODY MATERIAL	Stainless Steel 316L
CONNECTION 1 TYPE	Female BSPP

PRODUCT TYPE	Stainless Steel Non-Return Valves
HEX SIZE	38 mm
SEAL MATERIAL	FKM
WEIGHT	0.418 kg
MAXIMUM FLOW RATE	92.60 NL/min
CONFIGURATION	Port To Port
QUANTITY PER BOX	1
CONNECTION 2 TYPE	Female BSPP
CONNECTION 2 SIZE	G1
MINIMUM OPERATING PRESSURE	0.5 bar
CRACKING PRESSURE	0.25 bar
FLOW DIRECTION	Exhaust Version