

Parker Product Datasheet



Parker non-return valves with nominal pressure ratings up to PN 420 bar offer a wide range of types, making them very flexible.

PART NUMBER: RHV42LREDOMDCF
CONNECTION 1 SIZE: G 1 1/2 A
CONNECTION 1 TYPE: 24° Cone end
PRODUCT SERIES: Light
PRODUCT TYPE: Non return valve for 1 tube
SEAL MATERIAL: NBR
CONNECTION 2 TYPE: Male BSPP thread - ED-seal (ISO 1179)
CONNECTION 2 SIZE: n/a
FLOW DIRECTION: Port to Tube
CONNECTION 1 TUBE OUTSIDE DIAMETER: 42 mm
CONNECTION 2 TUBE OUTSIDE DIAMETER: n/a
OPTIONAL ACCESSORIES: n/a
NOMINAL INSIDE DIAMETER: 29 mm

PRODUCT OVERVIEW

Parker non-return valves with nominal pressure ratings up to PN 420 bar offer a wide range of types, making them very flexible.

The variety of types starts with the item RHD with tube connection both ends, the RHV/RHZ with tube connection to male stud, RHDl with female thread both ends, RVP with valve cartridges up to the I-TL with valve internal parts.

The non return valves are available in steel, stainless steel and brass. Seals in NBR or FKM are available on request.

Parker non-return valves are all packed against contamination.

Parker non-return valves can be used for hydraulic oil, low flammability hydraulic fluids (except for types HFC: for HFD types; FKM seals are necessary). Air pressure tested. Not suitable for steam, combustible/explosive gases, or oxygen.

Markets:

- Automotive
- Defence
- Energy
- Environment
- Industrial
- Infrastructure
- Machine Tools
- Materials Handling
- Mobile
- Oil and Gas
- Power Generation
- Process
- Transportation
- Water

Applications:

- Suitable for general hydraulic applications.

Features/ benefits of non-return valves:

- The precise functioning of Parker non-return valves has been proven a million times over and stands for the reliability of this product range.
- Combined soft and metal sealing – leak-free due to soft sealing at cone and metal-supported sealing at cone – extends the safety of the product and the entire hydraulic application.
- The usage of Parker non-return valves is flexible due to the wide range of items.
- For yet more applications, internal parts in stainless steel with FPM are also available.
- Parker non-return valves are all packed against contamination, which improves the quality and reliability of these products.

TECH SPECIFICATIONS

**MAXIMUM OPERATING
TEMPERATURE**

+120 °C

DIVISION	High Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	250 bar
MINIMUM OPERATING TEMPERATURE	-40 °C
CONNECTION 1 SIZE	42 mm
BODY MATERIAL	Steel
CONNECTION 1 TYPE	EO 24° cone end
SEAL MATERIAL	NBR
MAXIMUM FLOW RATE	n/a
MOUNTING TYPE	Screw
ACTUATION TYPE	Mechanical
CONFIGURATION	n/a
CONNECTION 2 TYPE	Male BSPP thread - ED-seal (ISO 1179)
CONNECTION 2 SIZE	G 1 1/2 A inch
CRACKING PRESSURE	1 bar
CONNECTION 3 SIZE	n/a
FLOW DIRECTION	Port to Tube
CONNECTION 3 TYPE	n/a