

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:	RHD16S71
OPTIONAL ACCESSORIES:	Pre-assembled with nut and EO-DPR cutting ring
CONNECTION 2 TUBE OUTSIDE DIAMETER:	16 mm
CONNECTION 2 SIZE:	n/a
CONNECTION 1 TUBE OUTSIDE DIAMETER:	16 mm
SEAL MATERIAL:	n/a
FLOW DIRECTION:	n/a
CONNECTION 1 TYPE:	24° Cone end
PRODUCT TYPE:	Non return valve for 2 tubes
NOMINAL INSIDE DIAMETER:	11.5 mm
CONNECTION 1 SIZE:	n/a
PRODUCT SERIES:	Heavy
CONNECTION 2 TYPE:	24° Cone end

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, RHD1 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

DIVISION

High Pressure Connectors Europe Division

SEAL MATERIAL

FKM

MAXIMUM FLOW RATE	n/a
CONNECTION 1 TYPE	EO 24° cone end
BODY MATERIAL	Stainless steel
CONNECTION 3 TYPE	n/a
MAXIMUM OPERATING TEMPERATURE	+250 °C
FLOW DIRECTION	n/a
CONNECTION 2 TYPE	EO 24° cone end
CRACKING PRESSURE	1 bar
MOUNTING TYPE	Screw
MINIMUM OPERATING TEMPERATURE	-35 °C
MAXIMUM OPERATING PRESSURE	315 bar
CONNECTION 3 SIZE	n/a
ACTUATION TYPE	Mechanical
CONNECTION 1 SIZE	16 mm
CONFIGURATION	n/a
CONNECTION 2 SIZE	16 mm