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: RHDI1/40.2BCF
OPTIONAL ACCESSORIES: n/a
NOMINAL INSIDE DIAMETER: 3.5 mm
CONNECTION 2 SIZE: G 1/4
SEAL MATERIAL: n/a
PRODUCT SERIES: Light
PRODUCT TYPE: Non return valve port to port
CONNECTION 1 TUBE OUTSIDE DIAMETER: na mm
CONNECTION 1 SIZE: G 1/4
FLOW DIRECTION: n/a
CONNECTION 2 TUBE OUTSIDE DIAMETER: n/a
CONNECTION 1 TYPE: Female BSPP thread (ISO 1179-1)
CONNECTION 2 TYPE: Female BSPP thread (ISO 1179-1)

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, RHDI 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 again contamination.
Parker non-return valves can be used for hydraulic oil, low flammability hydraulic fluids (excent 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	NBR

CONNECTION 1 TYPE	Female BSPP thread (ISO 1179-1)
CONNECTION 3 TYPE	n/a
CONFIGURATION	n/a
MAXIMUM FLOW RATE	n/a
FLOW DIRECTION	n/a
MAXIMUM OPERATING TEMPERATURE	+120 °C
CONNECTION 1 SIZE	G 1/4 inch
MINIMUM OPERATING TEMPERATURE	-40 °C
BODY MATERIAL	Steel
ACTUATION TYPE	Mechanical
CONNECTION 2 TYPE	Female BSPP thread (ISO 1179-1)
CONNECTION 2 SIZE	G 1/4 inch
MOUNTING TYPE	Screw
CRACKING PRESSURE	0.2 bar
MAXIMUM OPERATING PRESSURE	400 bar
CONNECTION 3 SIZE	n/a