# 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:** RHD18L0.2BOMDCF
**OPTIONAL ACCESSORIES:** n/a
**CONNECTION 1 SIZE:** n/a
**PRODUCT SERIES:** Light
**CONNECTION 1 TUBE OUTSIDE DIAMETER:** 18 mm
**CONNECTION 2 TYPE:** 24° Cone end
**PRODUCT TYPE:** Non return valve for 2 tubes
**SEAL MATERIAL:** n/a
**CONNECTION 1 TYPE:** 24° Cone end
**FLOW DIRECTION:** n/a
**CONNECTION 2 SIZE:** n/a
**CONNECTION 2 TUBE OUTSIDE DIAMETER:** 18 mm
**NOMINAL INSIDE DIAMETER:** 14 mm
**CORE PRODUCT:** in EMEA

## 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

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| **MAXIMUM OPERATING PRESSURE** | 400 bar |

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| **CONNECTION 3 TYPE** | n/a |
| **CONNECTION 1 SIZE** | 18 mm |
| **FLOW DIRECTION** | n/a |
| **BODY MATERIAL** | Steel |
| **SEAL MATERIAL** | NBR |
| **CRACKING PRESSURE** | 0.2 bar |
| **MOUNTING TYPE** | Screw |
| **ACTUATION TYPE** | Mechanical |
| **CONNECTION 2 SIZE** | 18 mm |
| **CONNECTION 2 TYPE** | EO 24° cone end |
| **DIVISION** | High Pressure Connectors Europe Division |
| **MAXIMUM OPERATING TEMPERATURE** | +120 °C |
| **CONNECTION 1 TYPE** | EO 24° cone end |
| **CONFIGURATION** | n/a |
| **CONNECTION 3 SIZE** | n/a |
| **MINIMUM OPERATING TEMPERATURE** | -40 °C |
| **MAXIMUM FLOW RATE** | n/a |