

Parker Product Datasheet



The screwable check valves series RK and RB are designed to go into simple, threaded cavities. They block the flow in one direction and open in the opposite direction.

PART NUMBER: RK1
THREAD SIZE: G1/4A
MAXIMUM FLOW RATE: 20 l/min
CONFIGURATION: Mounted in the blocked direction

PRODUCT OVERVIEW

Parker's very robust check valves series RK and RB ensure a reliable operation even at high operating pressures (up to 700 bar). They are designed to be screwed into simple, threaded cavities. The connection is O-ring sealed on the 118° shoulder in the mounting cavity. The valve body is supplied as a unit, with a spring loaded, hardened and polished semisphere of stainless bearing steel inside. The seat is also hardened and ground.

Markets:

- Industrial

Features/Benefits:

- Proven, solid design - very good wear behaviour
- Zero leakage in closed position - ensures reliable operation
- Short delivery time - no warehousing necessary
- Two variations:
 - RK: mounted in the blocked direction
 - RB: mounted in open flow direction

Applications:

- Suitable for general hydraulic applications

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	700 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	Thread (DIN ISO 228/1)
CONNECTION SIZE	G1/4A
BODY MATERIAL	Steel
PRODUCT SERIES	Check valve
SEAL MATERIAL	NBR
WEIGHT	5 g
MAXIMUM FLOW RATE	20 L/min
MOUNTING TYPE	Screw-in mounting
ACTUATION TYPE	Mechanical
CONFIGURATION	Mounted in the blocked direction
MOUNTING POSITION	Unrestricted
CRACKING PRESSURE	0.18 bar
FLOW DIRECTION	N/A