

Parker Product Datasheet



Parker check valves series SPZBE in size NG16, NG25 and NG32 are proven slip-in cartridge valves. Key advantage of this robust valve: the little space which is required for installation.

PART NUMBER: SPZBE1010E25S
MOUNTING STYLE: Slip-in mounting
MATERIAL - SEALS: NBR
PORT CONNECTION: NG25
MINIMUM OPENING PRESSURE: 1.6 bar

PRODUCT OVERVIEW

The check valves series SPZBE are very functional and robust slip-in cartridge valves providing high flow rates (up to 900 l/min) in relation to the size. They are available in sizes: NG16, NG25 and NG32.

The function unit is fixed inside the manifold by a hexagonal plug with slot. The design is based on CE series with same poppet and sleeve. The different mounting cavity has to be considered.

Markets:

- Industrial
- Molding

Features/Benefits:

- High flow rates up to 900 l/min - optimum efficiency in relation to valve size
- Less installation space required - makes integration easy
- Leak-free from port B to A - ensures reliable operation

- Robust design - for long service life even under rough conditions
- Shortest delivery time for most variations - no warehousing necessary
- 4 different opening pressures from 0.1 to 4.0 bar

Applications:

- Suitable for general hydraulic applications
- Injection Molding

TECH SPECIFICATIONS

CONNECTION SIZE	N/A
ACTUATION TYPE	Mechanical
CRACKING PRESSURE	1.6 bar
CONFIGURATION	N/A
MOUNTING TYPE	Slip-in cartridge
MINIMUM OPERATING TEMPERATURE	-20 °C
WEIGHT	0.5 kg
MAXIMUM OPERATING PRESSURE	350 bar
FLOW DIRECTION	Port A to B
MAXIMUM FLOW RATE	450 L/min
SEAL MATERIAL	NBR
CONNECTION TYPE	N/A
MOUNTING POSITION	Unrestricted
DIVISION	Hydraulic Valve Systems Division Europe
BODY MATERIAL	Steel
PRODUCT SERIES	Check valve
OPERATION TYPE	Direct

MAXIMUM OPERATING
TEMPERATURE

60 °C