

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: SPZBE1010E25N
PORT CONNECTION: NG25
MOUNTING STYLE: Slip-in mounting
MINIMUM OPENING PRESSURE: 0.5 bar
MATERIAL - SEALS: NBR

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

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	350 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
CONNECTION TYPE	N/A
CONNECTION SIZE	N/A
BODY MATERIAL	Steel
PRODUCT SERIES	Check valve
SEAL MATERIAL	NBR
WEIGHT	0.5 kg
MAXIMUM FLOW RATE	450 L/min
MOUNTING TYPE	Slip-in cartridge
ACTUATION TYPE	Mechanical
OPERATION TYPE	Direct
CONFIGURATION	N/A
MOUNTING POSITION	Unrestricted
CRACKING PRESSURE	0.5 bar

FLOW DIRECTION

Port A to B