

Parker Product Datasheet



Parker direct operated check valves series C5V with SAE flange are easy to install and provide high flow rates. They can be mounted either directly on the outlet flange of pumps or on the inlet flange of actuators to achieve a very compact design.

PART NUMBER: 026-70301-0
SEAL MATERIAL: NBR
DIN FLANGE SIZE: SAE62
SEAL TYPE: Sealing for port A
CRACKING PRESSURE: 1.0 bar
ADDITIONAL OPTIONS: M14 mounting screws
PORT CONNECTION: SAE 1 1/4

PRODUCT OVERVIEW

Parker direct operated check valves series C5V ensure free flow in one direction and block the flow in the counter direction while providing high flow rates for optimized performance. They are part of the Parker valve range with SAE flanges which is unique in its variety.

The SAE flanges in size SAE61 or SAE62 allow to mount the C5V directly on the outlet flange of pumps or on the inlet flange of actuators to achieve a very compact design. They protect against pressure shocks from the system.

Markets:

- Industrial

Features/Benefits:

- Proven, robust design - ensures reliable operation
- SAE61 and SAE62 flange - enables compact design
- Maximum adjustable pressure of 420 bar and flow capacity ranging from 100 l/min to 750 l/min - high performance
- Numerous flow rates and 5 body sealing options - extremely versatile
- Encapsulated spring - keeps it from going solid
- Short delivery time - no warehousing necessary
- Direct operated check valve
- 4 sizes (SAE ¾', 1', 1¼', 1½')
- 3 springs

Applications:

- Suitable for general hydraulic applications

TECH SPECIFICATIONS

PRODUCT SERIES	Check Valve
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM FLOW RATE	400 L/min
ACTUATION TYPE	Mechanical
CONFIGURATION	n/a
BODY MATERIAL	Cast Iron
CONNECTION SIZE	n/a
MAXIMUM OPERATING PRESSURE	420 bar
SEAL MATERIAL	NBR
CRACKING PRESSURE	1.0 bar
MAXIMUM OPERATING TEMPERATURE	60 °C
CONNECTION TYPE	Flange
FLOW DIRECTION	A to B
DIVISION	Hydraulic Valve Systems Division Europe

MOUNTING TYPE	Flanged according SAE
OPERATION TYPE	Direct
WEIGHT	1.3 kg