

Parker Product Datasheet



Direct operated pressure relief valves series R1E02 are seated type valves typically used for remote control of pilot operated pressure valves or compensators of variable pumps.

PART NUMBER: 016-91294-0

PRESSURE CONTROL RANGE: 210 bar

MOUNTING STYLE: Front panel mounting

PRESSURE ADJUSTMENT CONTROL TYPE: Hand knob

PRODUCT OVERVIEW

Parker's direct operated pressure relief valves series R1E02 are particularly suitable for applications where the reliability and simplicity of a hydraulic remote control is preferred to an electrohydraulic system. These seated type valves are typically used for remote control of pilot operated pressure valves or compensators of variable pumps.

Markets:

- Industrial
- Machine Tools

Features/Benefits:

- Proven design that represents our long-term experience in hydraulics
- Damping spool to minimize oscillations - leads to maximum stability and thus safe operation
- 3 pressure stages - permits an accurate adaption to the application
- Short delivery time - no warehousing necessary
- Body variants:
 - front panel mounting

- subplate mounting
- 3 adjustment modes:
 - hand knob
 - acorn nut with lead seal
 - cylinder lock

Applications:

- Suitable for general hydraulic applications
- Machine Tools

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	350 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
CONNECTION SIZE	G 1/4
BODY MATERIAL	Steel
PRODUCT SERIES	Pressure Valve
SEAL MATERIAL	NBR
WEIGHT	2.1 kg
MAXIMUM FLOW RATE	3.8 L/min
ACTUATION TYPE	Manual
OPERATION TYPE	Direct
PRESSURE CONTROL RANGE	210 bar
MOUNTING POSITION	Unrestricted