

Parker Product Datasheet



The pilot operated pressure relief valves series R and RS*E are particularly suitable for the protection of the pump. These valves in slip-in cartridge design are offered as complete units and available in numerous variations.

PART NUMBER: R32E35S1SN
SEAL MATERIAL: NBR
INPUT VOLTAGE: N/A
PORT CONNECTION: NG32
PRESSURE CONTROL RANGE: 350 bar
ADDITIONAL OPTIONS: N/A
PRESSURE ADJUSTMENT CONTROL TYPE: Hand knob
SPOOL TYPE: N/A
SWITCHING OPTION: N/A

PRODUCT OVERVIEW

Parker's pilot operated pressure relief valves series R and RS*E in slip-in cartridge design are particularly suitable for the protection of the pump and feature an excellent pressure behaviour for improved process accuracy. They are offered as complete units in numerous variations.

Series R consist of a manual adjustment pilot stage and a cartridge main stage. The pressure relief valve series RS consists of a manual adjusted pilot stage with a directional valve for an electrically controlled vent function and a cartridge main part.

The R/RS*E model codes embrace the pilot valves, covers and cartridges that are also offered as separate items.

Markets:

- Industrial

Features/Benefits:

- Cavity and mounting pattern according to ISO 7368 - for quick, easy integration
- Wide range of options – suitable for almost every application
- Excellent pressure behaviour - prevents higher pressure variation
- High nominal flow rates up to 4000 l/min - optimum efficiency in relation to valve size
- 6 pressure stages - enables fine adjustment
- 6 sizes, NG16 to NG63 - makes selection easy
- Short delivery time - no warehousing necessary
- 2 switching types (series RS*E)
- 2 adjustment modes:
 - hand knob
 - Acorn nut with lead seal
- Remote control via port X

Applications:

- Suitable for general hydraulic applications
- General presses
- Injection molding

Note:

Port X is only usable for remote vent function.

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	350 bar
FLOW RATE	N/A
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Hydraulic oil

BODY MATERIAL	Steel
PRODUCT SERIES	Pressure valve
SEAL MATERIAL	NBR
WEIGHT	4.9 kg
MAXIMUM FLOW RATE	950 L/min
MOUNTING TYPE	Slip-in cartridge
FUNCTION	N/A
ACTUATION TYPE	Manually
OPERATION TYPE	Pilot
CONFIGURATION	N/A
PRESSURE CONTROL RANGE	Up to 350 bar
MOUNTING POSITION	Unrestricted, horizontal mounting preferred