

Parker Product Datasheet



Parker subplate mounted pilot operated pressure reducing valves series R4R ensure a constant pressure in the secondary part of the hydraulic system. Series R4R*P2 enables a continuous adjustment by the proportional solenoid operated pilot stage.

PART NUMBER: 016-95316-0

INPUT VOLTAGE: N/A

PILOT INLET / DRAIN LOCATIONS: Internal, drain external from Y

PORT CONNECTION: NG10 / CETOP 05

PRESSURE CONTROL RANGE: 210 bar

MAXIMUM OPERATING PRESSURE: Port A, B, X 350 bar; port Y depressurized

PRESSURE ADJUSTMENT CONTROL TYPE: Hand knob

SEAL MATERIAL: NBR

PRODUCT OVERVIEW

As versatile pilot operated pressure reducing valves for subplate mounting, Parker's series R4R with manual adjustment and series R4R*P2 with proportional solenoid adjustment provide high flow and ensure a constant pressure in the secondary part of the hydraulic system. Independent of the primary pressure, the secondary pressure is reduced to the pressure setting. In order to avoid unintended motion of the actuator, the valves are normally closed.

Series R4R*P2 has additionally a proportional solenoid operated pilot stage and a cartridge main stage. The optimum performance can be achieved in combination with the digital amplifier module PCD00A-400.

Markets:

- Industrial

Features /Benefits:

- Wide range of options - suitable for almost every application
- Flexible, versatile mounting in any orientation - makes integration easy
- Normally closed position - avoids unintended actuator motion
- High flow up to 500 l/min in NG32 - optimum efficiency in relation to valve size
- Short delivery time - no warehousing necessary
- Subplate mounting according to ISO 5781
- 3 pressure stages: 105, 210, 350 bar
- R4R*P2: optimally suited to the digital amplifier module PCD00A-400

Applications:

- Suitable for general hydraulic applications

TECH SPECIFICATIONS

MAXIMUM OPERATING PRESSURE	0 bar Port Y depressurized
MOUNTING TYPE	Subplate
ACTUATION TYPE	Manual
BODY MATERIAL	Cast Iron
WEIGHT	2.7 kg
MAXIMUM OPERATING TEMPERATURE	60 °C
FLOW RATE	150 L/min
MAXIMUM FLOW RATE	n/a
OPERATION TYPE	Pilot
MAXIMUM PRESSURE SETTING	210 bar
MINIMUM OPERATING TEMPERATURE	-20 °C
DIVISION	Hydraulic Valve Systems Division Europe
SEAL MATERIAL	NBR

MAXIMUM OPERATING PRESSURE 350 bar Ports A, B, X

PRODUCT SERIES Pressure Valve