

Parker Product Datasheet



Parker's direct operated proportional pressure relief valve series RE06M*W provides a fast response time and low pressure drop due to its powerful solenoid.

PART NUMBER: RE06M25W2V1KW
SEAL MATERIAL: FPM
PRESSURE CONTROL RANGE: 250 bar
SOLENOID OPTION: 12 V / 2.5 A
MARKING: Standard

PRODUCT OVERVIEW

Direct operated proportional pressure relief valves of the series RE06M*W ensure fast response times and a very low pressure drop. Thus they are typically used as remote control valves for flow rates below 3 l/min.

Markets:

- Industrial

Features/Benefits:

- Fast response time and low pressure drop - ensure efficient operation
- Very low pressure adjustment of pmin - predestined as remote control valve for cartridge valve combinations or pumps
- Short delivery time for most versions - no warehousing necessary
- Subplate mounting according to ISO 6264
- Direct operated with proportional solenoid
- 4 pressure stages

- 2 pressure ports, A and P

Applications:

- Suitable for general hydraulic applications

Function:

When the pressure in port P or A exceeds the pressure setting at the solenoid, the cone opens to port T and limits the pressure in port P to the adjusted level. The optimum performance can be achieved in combination with the digital amplifier module PCD00A-400. Also available as sandwich valve, see pilot valves series RPDM.

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	Water glycol
BODY MATERIAL	Cast iron
PRODUCT SERIES	Pressure valve
SEAL MATERIAL	FPM
WEIGHT	1.8 kg
MAXIMUM FLOW RATE	2.5 L/min
MOUNTING TYPE	Subplate mounting
ACTUATION TYPE	Solenoid, proportional
OPERATION TYPE	Direct
PORT CONNECTION	NG06 / CETOP 03
PRESSURE CONTROL RANGE	250 bar
MOUNTING POSITION	Unrestricted, horizontal mounting preferred

ELECTRONICS TYPE

External

PORT TYPE

2 pressure ports, A and P

INTERFACE TYPE

ISO 6264 norm