

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: RE06M35W2V1KW
PRESSURE CONTROL RANGE: 350 bar
MARKING: Standard
SEAL MATERIAL: FPM
SOLENOID OPTION: 12 V / 2.5 A

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

WEIGHT	1.8 kg
SEAL MATERIAL	FPM
ELECTRONICS TYPE	External
PORT CONNECTION	NG06 / CETOP 03
PRODUCT SERIES	Pressure valve
MOUNTING POSITION	Unrestricted, horizontal mounting preferred
DIVISION	Hydraulic Valve Systems Division Europe
OPERATION TYPE	Direct
FOR FLUID TYPE	Water glycol
ACTUATION TYPE	Solenoid, proportional
MAXIMUM OPERATING TEMPERATURE	60 °C
MAXIMUM FLOW RATE	2.5 L/min
MINIMUM OPERATING TEMPERATURE	-20 °C
INTERFACE TYPE	ISO 6264 norm
BODY MATERIAL	Cast iron
MAXIMUM OPERATING PRESSURE	350 bar

PRESSURE CONTROL RANGE	350 bar
MOUNTING TYPE	Subplate mounting
PORT TYPE	2 pressure ports, A and P