

Parker Product Datasheet



Pilot operated pressure relief valves series R4V (TUEV) and R6V (TUEV) provide an outstanding constant pressure behaviour. They include a certification according to directive 97/23/EG for the usage in safety-related applications.

PART NUMBER: 026-66531-0
SEAL MATERIAL: NBR
VALVE TYPE: R4V
PORT CONNECTION: NG25
PRESSURE CONTROL RANGE: 200 BAR
PRESSURE ADJUSTMENT CONTROL TYPE: Acorn nut
SIGNAL INPUT: na
SWITCHING OPTION: na

PRODUCT OVERVIEW

Parker pilot operated pressure relief valves series R4V/R6V (TUEV) for subplate mounting work stable across the whole pressure range and thus contribute to a smooth-running operation. Both series R4V (DIN 24340 Form D) and R6V (DIN 24340 Form E) include a certification according to directive 97/23/EG for the use in safety-related applications. The valve is set and sealed by the German technical inspection association TUEV (Technischer Überwachungsverein). The valve delivery includes the TUEV certificate of conformity.

For series R6V a vent function with a solenoid operated directional valve is available for circulation at minimum pressure.

Markets:

- Industrial

- Power generation
- Machine tools

Features/Benefits:

- TUEV certificate for use in safety-related applications - included in delivery
- Outstanding constant pressure behavior – supports reliable operation
- Very good pressure/flow behavior – contributes to a high energy efficiency of the system
- Compact design and flexible mounting - makes integration easy
- Short delivery time – no warehousing necessary
- Vent function for series R6V available

Applications:

- Suitable for general hydraulic applications
- Machine tools
- General presses

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	30 bar Port B
MAXIMUM OPERATING PRESSURE	350 bar Port A
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
BODY MATERIAL	Cast Iron
PRODUCT SERIES	Pressure Valve
SEAL MATERIAL	NBR
WEIGHT	4.5 kg
MAXIMUM FLOW RATE	300 L/min
MOUNTING TYPE	Subplate
ACTUATION TYPE	Manual

OPERATION TYPE	Pilot
PRESSURE CONTROL RANGE	350 bar
DRAIN OPTION	Drain Line Internal
SET PRESSURE	200 bar