

Parker Product Datasheet



Parker's pilot operated pressure relief valves series ZDV in sandwich design offer maximum flow rates up to 140l/min and enable an easy configuration of stack systems.

PART NUMBER: 098-91201-0
SEAL MATERIAL: NBR
PORT CONNECTION: NG06 / CETOP 03
FUNCTION: Pressure relieved from P-T
FLOW RATE: 80 bar
PRESSURE CONTROL RANGE: 70 bar

PRODUCT OVERVIEW

The proven pilot operated pressure relief valves series ZDV represent Parker's experience in high-performance components for stack systems. The sandwich valves in NG06 (CETOP 03) and NG10 (CETOP 05) are designed for maximum flow rates up to 140 l/min.

The relief function can be located between P and T, A and T, B and T or A and T + B and T for typical pressure relief functions. For a pre-charge function the ZDV can be ordered with pressure function between A and B + B and A.

Markets:

- Industrial
- Machine tools

Features/Benefits:

- Compact, proven design that represents our long-term experience in hydraulics - increases

reliability

- High flow capacity - optimum efficiency in relation to valve size
- Short delivery time - no warehousing necessary
- Available in two sizes:
 - ZDV01 - NG06 (CETOP 03)
 - ZDV02 - NG10 (CETOP 05)
- Pressure function in P, A, B or A + B

Applications:

- Suitable for general hydraulic applications
- Machine tools

TECH SPECIFICATIONS

MAXIMUM OPERATING PRESSURE	350 bar
DIVISION	Hydraulic Valve Systems Division Europe
ADJUSTMENT MECHANISM	Hexagon Screw with Lock Nut
MOUNTING TYPE	Sandwich Plate
WEIGHT	1.6 kg
MINIMUM OPERATING TEMPERATURE	-20 °C
SEAL MATERIAL	NBR
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
ACTUATION TYPE	Manual
PRESSURE CONTROL RANGE	n/a
BODY MATERIAL	Steel
MAXIMUM OPERATING TEMPERATURE	60 °C
MAXIMUM PRESSURE SETTING	70 bar
MAXIMUM FLOW RATE	n/a
FLOW RATE	80 L/min

OPERATION TYPE

Pilot

PRODUCT SERIES

Pressure Valve