

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: 098-91220-0
SEAL MATERIAL: FPM
PORT CONNECTION: NG06 / CETOP 03
FLOW RATE: 80 bar
PRESSURE CONTROL RANGE: 350 bar
FUNCTION: Pressure relieved from A-T

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

OPERATION TYPE	Pilot
FLOW RATE	80 L/min
MAXIMUM FLOW RATE	n/a
MINIMUM OPERATING TEMPERATURE	-20 °C
MAXIMUM OPERATING TEMPERATURE	60 °C
FOR FLUID TYPE	Water-Glycol
BODY MATERIAL	Steel
MAXIMUM OPERATING PRESSURE	350 bar
MAXIMUM PRESSURE SETTING	350 bar
DIVISION	Hydraulic Valve Systems Division Europe
ADJUSTMENT MECHANISM	Hexagon Screw with Lock Nut
SEAL MATERIAL	FPM
ACTUATION TYPE	Manual
MOUNTING TYPE	Sandwich Plate
PRESSURE CONTROL RANGE	n/a

PRODUCT SERIES

Pressure Valve

WEIGHT

1.6 kg