

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: 098-91041-0
FLOW RATE: 140 bar
SEAL MATERIAL: NBR
FUNCTION: Pressure relieved from A-T & B-T
PORT CONNECTION: NG10 / CETOP 05
PRESSURE CONTROL RANGE: 315 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 TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	315 bar
FLOW RATE	140 L/min
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
BODY MATERIAL	Steel
PRODUCT SERIES	Pressure Valve
SEAL MATERIAL	NBR
WEIGHT	3.7 kg
MAXIMUM FLOW RATE	n/a
MOUNTING TYPE	Sandwich Plate
ACTUATION TYPE	Manual
OPERATION TYPE	Pilot
PRESSURE CONTROL RANGE	n/a

MAXIMUM PRESSURE SETTING	315 bar
ADJUSTMENT MECHANISM	Hexagon Screw with Lock Nut