

# 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:** 098-91205-0  
**SEAL MATERIAL:** NBR  
**PRESSURE CONTROL RANGE:** 70 bar  
**FLOW RATE:** 80 bar  
**FUNCTION:** Pressure relieved from B-T  
**PORT CONNECTION:** NG06 / CETOP 03

## 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

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>MAXIMUM OPERATING PRESSURE</b>    | 350 bar                                 |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -20 °C                                  |
| <b>ACTUATION TYPE</b>                | Manual                                  |
| <b>MAXIMUM FLOW RATE</b>             | n/a                                     |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 60 °C                                   |
| <b>MAXIMUM PRESSURE SETTING</b>      | 70 bar                                  |
| <b>ADJUSTMENT MECHANISM</b>          | Hexagon Screw with Lock Nut             |
| <b>SEAL MATERIAL</b>                 | NBR                                     |
| <b>PRESSURE CONTROL RANGE</b>        | n/a                                     |
| <b>PRODUCT SERIES</b>                | Pressure Valve                          |
| <b>BODY MATERIAL</b>                 | Steel                                   |
| <b>MOUNTING TYPE</b>                 | Sandwich Plate                          |
| <b>DIVISION</b>                      | Hydraulic Valve Systems Division Europe |
| <b>OPERATION TYPE</b>                | Pilot                                   |
| <b>WEIGHT</b>                        | 1.6 kg                                  |

**FOR FLUID TYPE**

Hydraulic Oil According to DIN 51524

**FLOW RATE**

80 L/min