

# Parker Product Datasheet



Parker's pilot operated pressure reducing valves series ZDR in sandwich design provide maximum flow rates up to 120l/min and enable an easy configuration of stack systems.

**PART NUMBER:** 098-91213-0  
**SEAL MATERIAL:** NBR  
**FLOW RATE:** 80 L/MIN  
**FUNCTION:** Pressure reducing in A with check valve  
**PORT CONNECTION:** NG06 / CETOP 03  
**PRESSURE CONTROL RANGE:** 315 BAR

## PRODUCT OVERVIEW

The proven pilot operated pressure reducing valves series ZDR represent Parker's experience in high-performance components for stack systems. Designed for maximum flow rates up to 120 l/min, these sandwich valves in NG06 (CETOP 03) and NG10 (CETOP 05) offer best conditions for reliable operation.

The reducing function can be located in the ports P, A or B. The sizes NG06 and NG10 are equipped with an integral return flow check valve (reducing function in A or B).

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:
  - ZDR01 - NG06 (CETOP 03)
  - ZDR02 - NG10 (CETOP 05)
- Pressure function in P, A or B
- With integral return flow check valve

Applications:

- Suitable for general hydraulic applications
- Machine tools

## TECH SPECIFICATIONS

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>ACTUATION TYPE</b>                | Manual                                  |
| <b>SEAL MATERIAL</b>                 | NBR                                     |
| <b>WEIGHT</b>                        | 1.8 kg                                  |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -20 °C                                  |
| <b>DIVISION</b>                      | Hydraulic Valve Systems Division Europe |
| <b>PRODUCT SERIES</b>                | Pressure Valve                          |
| <b>OPERATION TYPE</b>                | Pilot                                   |
| <b>MAXIMUM PRESSURE SETTING</b>      | 315 bar                                 |
| <b>BODY MATERIAL</b>                 | Steel                                   |
| <b>MOUNTING TYPE</b>                 | Sandwich Plate                          |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 315 bar                                 |
| <b>MAXIMUM FLOW RATE</b>             | n/a                                     |
| <b>FLOW RATE</b>                     | 80 L/min                                |
| <b>ADJUSTMENT MECHANISM</b>          | Hexagon Screw with Lock Nut             |

**MAXIMUM OPERATING  
TEMPERATURE**

60 °C