

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: 098-91051-0

FLOW RATE: 120 L/MIN

SEAL MATERIAL: NBR

FUNCTION: Pressure reducing in P with pressure gauge port M

PORT CONNECTION: NG10 / CETOP 05

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

MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	315 bar
FLOW RATE	120 L/min
MINIMUM OPERATING TEMPERATURE	-20 °C
BODY MATERIAL	Steel
PRODUCT SERIES	Pressure Valve
SEAL MATERIAL	NBR
WEIGHT	2.9 kg
MAXIMUM FLOW RATE	n/a
MOUNTING TYPE	Sandwich Plate
ACTUATION TYPE	Manual
OPERATION TYPE	Pilot
MAXIMUM PRESSURE SETTING	315 bar

ADJUSTMENT MECHANISM

Hexagon Screw with Lock Nut