

Parker Product Datasheet



Direct operated spool-type sandwich DC valves series Z1DW size NG06 are used for shutting off the flow in stack systems.

PART NUMBER: Z1DWA01KNJWI4N
SEAL MATERIAL: NBR
INPUT VOLTAGE: 24 VDC
SPOOL CODE: A01K
SOLENOID OPTION: Standard valve with manual override
POSITION CONTROL TYPE: Start position monitored side A

PRODUCT OVERVIEW

Direct operated spool-type sandwich DC valves series Z1DW size NG06 extend the functionality of NG06 stack systems with shut-off and relief functions. They provide more security and higher productivity through the additional shut-off function, also with position control.

Markets:

- Industrial
- Machine Tools
- Molding

Features/Benefits:

- Obviates the need for a second stack system or additional external mounted valves
- Integration of shut-off and relief functions in stack systems - reduced space requirement and capital expenditure
- Shut-off function with optional position control - more security, higher productivity, lower

manufacturing costs

- Only one solenoid necessary for shut-off function - lower investment costs
- Short delivery time for most variations - no warehousing necessary

Applications:

- General presses
- Tire presses
- Machine tools
- Injection molding
- Blow molding

Technical Specification:

For shut off secondary ports A and B, body version A is applied. P and T are drilled through. For applications with port B drained in a switching position to tank, body version B is used. P and A are drilled through. Valves are sealed to the manifold side. The valves can be ordered with inductive position control optionally.

Attention:

The adjustment of the position control is factory set and sealed. Replacement and repairs can only be undertaken by Parker.

TECH SPECIFICATIONS

PRODUCT SERIES	Shut-off valve
MAXIMUM FLOW RATE	50 L/min
DIVISION	Hydraulic Valve Systems Division Europe
ACTUATION TYPE	Solenoid
BODY MATERIAL	Cast iron
SEAL MATERIAL	NBR
FUNCTION	4-way
MAXIMUM OPERATING PRESSURE	350 bar
MAXIMUM OPERATING TEMPERATURE	60 °C

MINIMUM OPERATING TEMPERATURE	-25 °C
SIZE	NG06 / CETOP 03 nom
FOR FLUID TYPE	Hydraulic oil according to DIN 51524
MOUNTING TYPE	Sandwich plate
OPERATION TYPE	Direct
CONNECTION TYPE	Connector as per EN 175301-803