

# 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:** Z1DWA01KNJWTI4N  
**SEAL MATERIAL:** NBR  
**INPUT VOLTAGE:** 24 VDC  
**POSITION CONTROL TYPE:** Start position monitored side A  
**SPOOL CODE:** A01K  
**SOLENOID OPTION:** Without manual override

## 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

|                                      |                                         |
|--------------------------------------|-----------------------------------------|
| <b>DIVISION</b>                      | Hydraulic Valve Systems Division Europe |
| <b>PRODUCT SERIES</b>                | Shut-off valve                          |
| <b>MOUNTING TYPE</b>                 | Sandwich plate                          |
| <b>MAXIMUM OPERATING TEMPERATURE</b> | 60 °C                                   |
| <b>FOR FLUID TYPE</b>                | Hydraulic oil according to DIN 51524    |
| <b>SIZE</b>                          | NG06 / CETOP 03 nom                     |
| <b>MAXIMUM OPERATING PRESSURE</b>    | 350 bar                                 |
| <b>BODY MATERIAL</b>                 | Cast iron                               |
| <b>MINIMUM OPERATING TEMPERATURE</b> | -25 °C                                  |

|                          |                                |
|--------------------------|--------------------------------|
| <b>FUNCTION</b>          | 4-way                          |
| <b>ACTUATION TYPE</b>    | Solenoid                       |
| <b>CONNECTION TYPE</b>   | Connector as per EN 175301-803 |
| <b>OPERATION TYPE</b>    | Direct                         |
| <b>MAXIMUM FLOW RATE</b> | 50 L/min                       |
| <b>SEAL MATERIAL</b>     | NBR                            |