

Parker Product Datasheet



The NG06 direct operated directional control valve D1VW with inductive position control provides high functional limits up to 80 l/min in combination with a low, energy saving pressure drop. It is typically used in safety relevant applications.

PART NUMBER: D1VW026HNJWI4N
SEAL MATERIAL: NBR
SOLENOID OPTION: With manual override
INPUT VOLTAGE: 24 V DC
POSITION CONTROL TYPE: Start position monitored side A
SPOOL CODE: 026
SPOOL POSITION: 2 positions, spring offset in position a, operated in position b

PRODUCT OVERVIEW

Parker's direct operated directional control valve series D1VW with inductive position control in NG06 (CETOP 03 / NFPA D03) features low energy losses due to optimized flow passages. It offers high functional limits up to 80 l/min and a maximum pressure of 350 bar.

This on/off valve is typically used in safety relevant applications. It complies with the machinery directive 2006/42/EG for use as clamping valve according to EN 201:2010. The start or the end position can be monitored. The position control is available for single and double solenoid valves.

Markets:

- Industrial
- Molding

Features/Benefits:

- High functional limits – low forces resulting in safe operation also at high flow rates
- Low pressure drop – resulting in low energy losses in operation
- Wide product offering – many different options – all valves from one single source
- Short delivery time – no warehousing necessary

Applications:

- All types of safety relevant applications
- Injection molding (safety component according to machinery directive 2006/42/EG)

Attention:

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

The fail-safe position of the directional valve during power failure is the spring offset or center position.

TECH SPECIFICATIONS

DIVISION	Hydraulic Valve Systems Division Europe
WEIGHT	1.8 kg
SEAL MATERIAL	NBR
MAXIMUM OPERATING TEMPERATURE	60 °C
MINIMUM OPERATING TEMPERATURE	-20 °C
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
MOUNTING TYPE	Sub-base
MAXIMUM OPERATING PRESSURE	P, A, B: 350 bar
MOUNTING TYPE	Manifold
PORT CONNECTION	NG06 / CETOP 03
MAXIMUM FLOW RATE	30 to 80 L/min
FUNCTION	2-way

MAXIMUM AMBIENT TEMPERATURE	60 °C
MAXIMUM KINEMATIC VISCOSITY	400 cSt
MINIMUM KINEMATIC VISCOSITY	2.8 cSt
FILTER EFFICIENCY RATING	ISO 4406; 18/16/13
BODY MATERIAL	Cast Iron
ACTUATION TYPE	Solenoid
CONFIGURATION	Directional spool valve
MINIMUM FLUID TEMPERATURE	-20
MAXIMUM FLUID TEMPERATURE	70 °C
MINIMUM AMBIENT TEMPERATURE	-25 °C
MAXIMUM OPERATING PRESSURE	T: 210 bar