

Parker Product Datasheet



The direct operated directional control valves series D1VL (NG06 / CETOP 03 / NFPA D03) and D3DL (NG10 / CETOP 05 / NFPA D05) with hand lever provide high flow and feature a wide range of spool options.

PART NUMBER: D1VL004NN4J

SEAL MATERIAL: NBR

PORT CONNECTION: NG06 / CETOP 03

SPOOL CODE: 004

SWITCHING OPTION: Center of rotation below spool axis

SPOOL POSITION: 3 positions, detent, operated in position a, 0 or b, no center in offset position

ACTUATION: Hand lever side B

PRODUCT OVERVIEW

The direct operated directional control valves series D1VL and D3DL with hand lever provide high functional limits (D1VL: up to 80 l/min, D3DL: up to 130 l/min) for safe operation also at high flow rates. Additionally they fit all hydraulic systems due to a large number of spool options.

Markets:

- Industrial

Features/Benefits:

- Compact, proven design that represents our long-term experience in hydraulics
- Wide range of spool options - fits all hydraulic systems
- All hand lever parts are made of stainless steel - for use even under rough conditions
- High functional limits – low forces resulting in safe operation also at high flow rates

- Shortest delivery time - no warehousing necessary
- Two different switching logic options

Applications:

- Suitable for general hydraulic applications

Technical specifications:

The D1VL is a 3 chamber 4/3 or 4/2 way directional control valve. The D3DL is a 5 chamber 4/3 or 4/2 way directional control valve. Both are equipped with a hand lever which is directly connected to the spool and can be located either on the A or B side. Spring offset and detent designs are available.

TECH SPECIFICATIONS

WEIGHT	1.4 kg
PRODUCT SERIES	Directional Control Valve
BODY MATERIAL	Cast Iron
OPERATION TYPE	Direct
ACTUATION TYPE	Manual
MAXIMUM OPERATING TEMPERATURE	60 °C
MOUNTING POSITION	Preferably Horizontal
MOUNTING TYPE	Subplate
MOUNTING POSITION	Unrestricted
MAXIMUM FLOW RATE	80 L/min
DIVISION	Hydraulic Valve Systems Division Europe
MAXIMUM OPERATING PRESSURE	350 bar
MINIMUM OPERATING TEMPERATURE	-25 °C
SEAL MATERIAL	NBR
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524

FUNCTION

3-way