

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: D1VL020BN4J

SPOOL CODE: 020

PORT CONNECTION: NG06 / CETOP 03

ACTUATION: Hand lever side B

SPOOL POSITION: 2 positions, spring offset in position b, operated in position a

SWITCHING OPTION: Center of rotation below spool axis

SEAL MATERIAL: NBR

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

MOUNTING POSITION	Preferably Horizontal
MAXIMUM OPERATING TEMPERATURE	60 °C
DIVISION	Hydraulic Valve Systems Division Europe
BODY MATERIAL	Cast Iron
ACTUATION TYPE	Manual
FUNCTION	2-way
MINIMUM OPERATING TEMPERATURE	-25 °C
WEIGHT	1.4 kg
MOUNTING TYPE	Subplate
MOUNTING POSITION	Unrestricted
MAXIMUM OPERATING PRESSURE	350 bar
OPERATION TYPE	Direct
FOR FLUID TYPE	Hydraulic Oil According to DIN 51524
SEAL MATERIAL	NBR
MAXIMUM FLOW RATE	80 L/min

