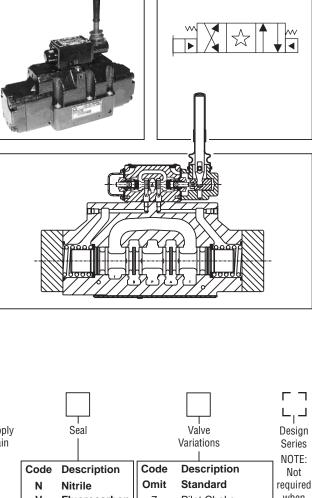
## **General Description**

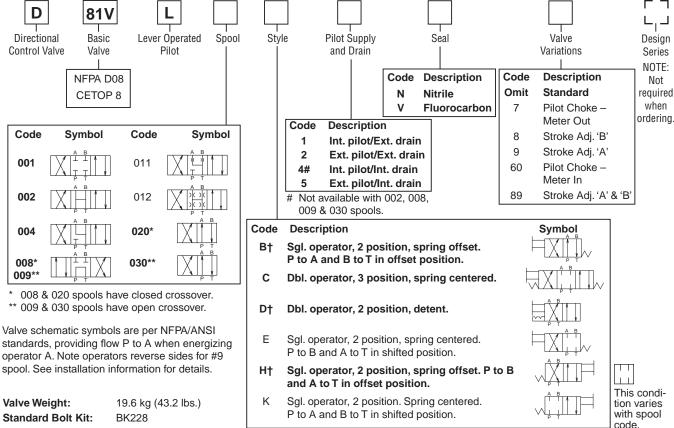
Series D81VL directional control valves are 5-chamber, lever operated valves. They are available in 2 or 3-position styles. These valves are manifold or subplate mounted, and conform to NFPA's D08, CETOP 8 mounting pattern.

## **Specifications**

Mounting Pattern	NFPA D08, CETOP 8, NG25
Max. Operating	350 Bar (5000 PSI)
Pressure	
Max. Tank Line	Internal Drain Model
Pressure	34 Bar (500 PSI)
	External Drain Model
	350 Bar (5000 PSI)
Maximum Drain	34 Bar (500 PSI)
Pressure	
Maximum Flow	See Reference Data Charts
Pilot	Oil Min 6.9 Bar (100 PSI)
Pressure	Oil Max 350 Bar (5000 PSI)
Response Time	Varies with pilot line size and length,
	pilot pressure, pilot valve shift time &
	flow capacity (GPM)



## Ordering Information



† Available with 020 & 030 spools only.

Bold: Designates Tier I products and options.

Non-Bold: Designates Tier II products and options. These products will have longer lead times.



Metric Bolt Kit:

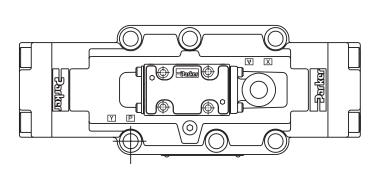
**BKM228** 

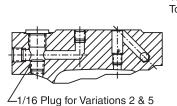
A175

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Lever Operated -

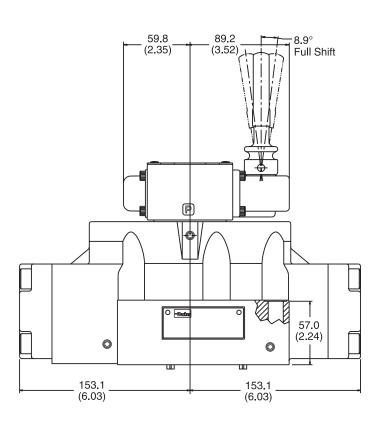
Inch equivalents for millimeter dimensions are shown in  $(\ensuremath{^{\star\star}})$ 

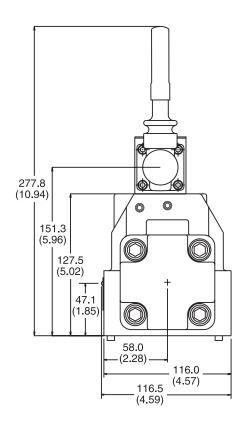




Torque to:

11.67 ±1.67 Nm (105 ±15 in-lbs) Do Not Loctite M6 x 1 Plug for Variations 1 & 2 Torque to: 1.78 ±0.22 Nm (16 ±2 in-lbs) Do Not Loctite





Note: 57mm (2.24") from bottom of bolt hole counterbore to bottom of valve.

D81.indd, dd



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