



2.29

# 30SD10-44 TYPE

## Solenoid Directional Valve

Rated pressure (bar / psi) 207 / 3000

Peak flow (L/min / gpm) 23 / 6

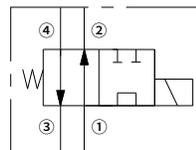
### Features

- Continuous-duty rated coil
- Cartridges are voltage interchangeable
- Optional waterproof E-Coils rated up to IP69K
- Efficient wet-armature construction
- Industry common cavity
- Hardened parts for long life

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### Symbol



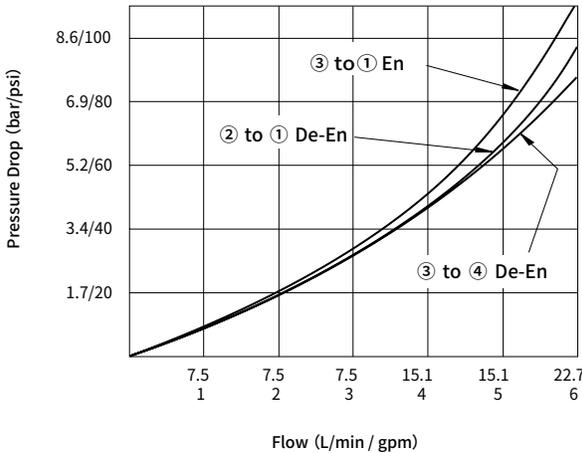


## Technical Data

Rated pressure	207 bar (3000 psi)	
Peak flow	23 L/min (6 gpm)	
Internal leakage	≤ 82 mL/min@207 bar	
Coil duty rating	Continuous from 85% to 115% of nominal voltage	
Initial coil current draw at 20°C	E-Coil	1.7 A at 12VDC; 0.85 A at 24VDC
	D-Coil	1.67 A at 12VDC; 0.83 A at 24VDC
Minimum pull-in voltage	85% of nominal at 207 bar	
Cavity	VC10-4 (See technical reference)	
Fluid	Mineral-based or synthetics with lubricating properties	
Viscosity range	7.4 to 420 mm <sup>2</sup> /s	
Temperature range	-54 to 107 °C (Polyurethane seals)	
	-40 to 100 °C (Buna N seals)	
	-26 to 204 °C (Fluorocarbon seals)	
Degree of fluid contamination	The minimum pollution level is ISO4406 level 20/18/14, and level 17/15/13 is recommended to prolong the service life	

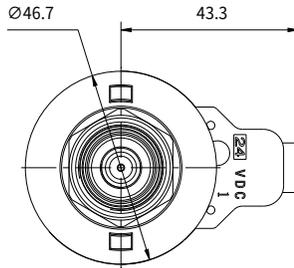
## Performance (Cartridge Only)

32 cSt/150 sus oil at 40°C

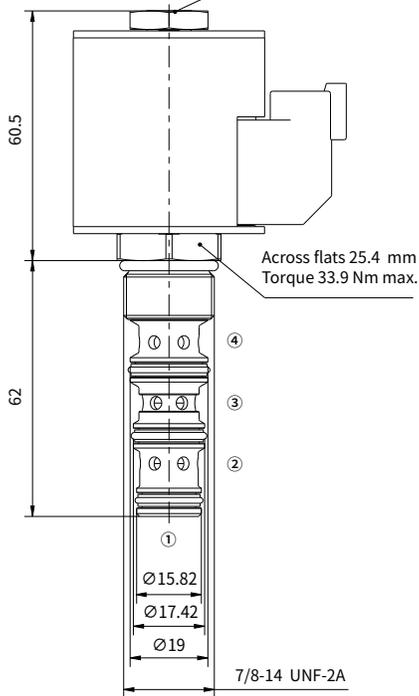


# Dimensions

(Dimensions in mm)



Across flats 19.05 mm  
Torque 6.8 Nm max.



Across flats 25.4 mm  
Torque 33.9 Nm max.