



# Solenoid Valves Technical Information

## 2-Way Poppet

### HSVP16-NOR



#### OPERATION

This is a normally-open, pilot-operated, poppet-type 16-size solenoid valve with free reverse flow. When de-energized the valve allows flow from port 1 to 2 and from port 2 to 1. When energized, the pilot poppet closes allowing the valve to act as a check valve flowing from port 1 to port 2, while blocking flow from port 2 to 1. This valve comes standard with a push pin type manual override.



Shown with Standard H16 Coil, Deutsch Connector

#### APPLICATIONS

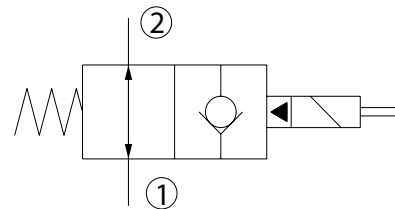
This is a low leakage valve designed for use in load holding applications or as a general purpose diverter or dump valve.

#### SPECIFICATIONS

Rated pressure*	350 bar [5075 psi]*
Rated flow at 7 bar [100 psi]	152 l/min [40 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.73 kg [1.61 lb]
Cavity	<b>SDC16-2</b>
Standard Coil	<b>H16 29 Watt</b>

\* Rated Pressure based on NFPA fatigue test standards (at 1 Million Cycles).

#### SCHEMATIC



#### PERFORMANCE CURVES

