

Solenoid Operated Directional Control Logic Valves

These solenoid operated directional control logic valves are composed of directional control valves and solenoid operated directional valves combined together. The solenoid operated directional valves serve to switch pilot lines and the directional control valves are used to control the direction of the main circuits. Covers provided with various control valves are available to provide optimum control.

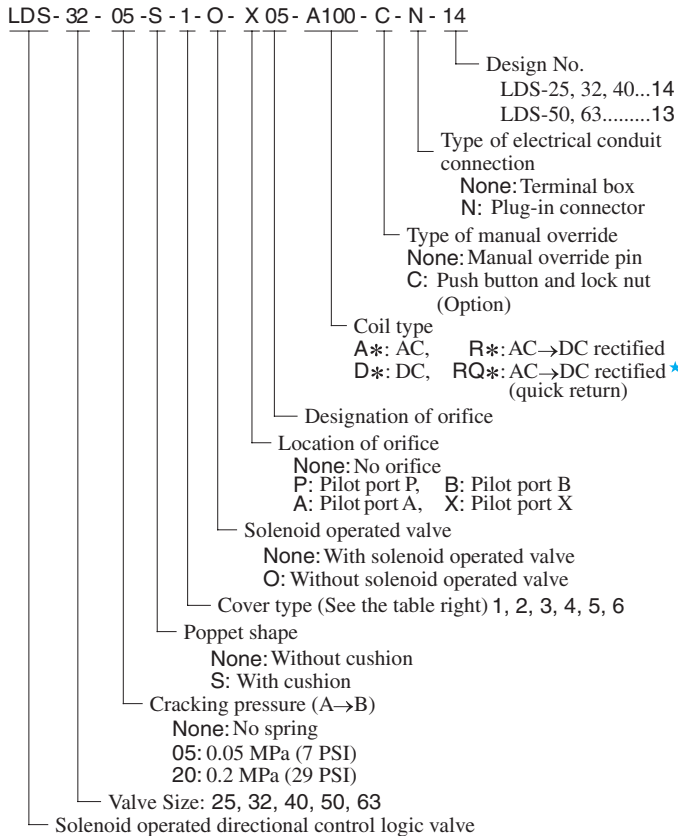


Specifications

Model No.	Rated Flow L/min (U.S.GPM)	Max. Operating Pressure MPa (PSI)	Cracking Pressure MPa (PSI)	Ratio of Poppet Area	Approx. Mass kg(lbs.)
LDS-25	350 (92.5)	31.5 (4570)	Refer to Model No. Designation	2 : 1 (Annular area 50%)	4.2 (9.3)
LDS-32	500 (132)				6.5 (14.3)
LDS-40	850 (225)				10.3 (22.7)
LDS-50	1400 (370)				18.6 (41.0)
LDS-63	2100 (555)				33.6 (74.1)

Note: The rated flow is values with a pressure drop of 0.3 MPa (44 PSI) [fluid viscosity 35mm²/s (164 SSU)].

Model Number Designation



* Applicable only for LDS-50, 63.

List of Cover Types

Cover Type Designation	Graphic Symbols	Valve Size				
		25	32	40	50	63
Normally Closed (1)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normally Open (2)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normally Closed with Shuttle Valve (3)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normally Open with Shuttle Valve (4)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normally Closed with Shuttle Valve (5)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Normally Open with Shuttle Valve (6)		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Note: In case of LDS-*-*-*-*-*O (without solenoid operated valve), the graphic symbol for the solenoid operated valve is excluded.