"DSG" Series Directional Control Valves

DSG series directional control valves are solenoid operated directional spool valves, these valves are used to the start, stop and direct oil flow.

Ordering Details :

DSG	- 01	-2	B	2	A	-D24	-	-N	-50
Series Number	Valve Size	Number of Valve Positions	Spool-Spring Arrangement	Spool Type	Special Two Position Valve (Omit if not required)	Coil Type		Electrical Conduit Connection	Design Number
DSG: Solenoid Operated Directional Valve	01 03	3: Three Positions	C: Spring Centred	2, 3 4, 40 60, 9 10, 11 12	—	AC: A100 A120 A200 A240		None: Terminal Box Type	-50
		2: Two Positions	D: No-Spring Detented	2	—	DC: D12 D24 D48			
			B: Spring Offset	2 3 8	A ★1 B ★1	R: (AC→ DC) R100 R200		N: Plug-in Connector Type N1: ★2 Plug-in Connector Type with Indicator Light (Option)	
		3: Three Positions	C: Spring Centred	2 4	—	DC: D12 D24 D48			
		2: Two Positions	B: Spring Offset	2		R: (AC→ DC) R100 R200			

Models with AC Solenoids: DSG-01- ∗∗∗-A ∗

No. of Valve Positions	Spool-Spring Arrangement	Model Numbers	Graphic Symbols	Max. Flow L/min — P⇄A→B→T / B→A Working Pressure MPa					P→A [Port "B" Blocked] Working Pressure MPa					P→B [Port "A" Blocked] Working Pressure MPa				
				10	16	25	31.5	35	10	16	25	31.5	35	10	16	25	31.5	35
Three Positions	Spring Centred	DSG(01(3C2		100	100	100	100	100	100(43	100(41	80(21	60(17	38(15	100(43	100(41	80(21	60(17	38(15
									57(38	53(31	29(17	19(10	13(9	57(38	53(31	29(17	19(10	13(9
		DSG(01(3C3		100(80	100(80	100(80	100(77	100(77	70(46	70(46	70(46	70(46	70(46	70(46	70(46	70(46	70(46	70(46
				90(63	90(63	90(63	90(63	90(63	45(30	45(30	45(30	45(30	45(30	45(30	45(30	45(30	45(30	45(30
		DSG(01(3C4		90	90	90	90(22	35(18	100(38	76(28	67(15	57(10	35(7	100(38	76(28	67(15	57(10	35(7
						90(26	43(14	30(11	50(31	38(20	20(10	16(7	12(5	50(31	38(20	20(10	16(7	12(5
		DSG(01(3C40		85	85	85	80(40	80(22	85(40	85(35	85(24	60(16	55(12	85(40	85(35	85(24	60(16	55(12
				80	80	80(30	63(15	25(10	70(26	50(24	32(16	22(13	18(10	70(26	50(24	32(16	22(13	18(10
		DSG(01(3C60 ★		43(23	43(23	42(23	42(23	42(23	54(32	54(32	52(32	52(32	52(32	54(32	54(32	52(32	52(32	52(32
				40(23	40(23	38(23	36(23	35(23	48(30	47(30	47(30	47(30	47(30	48(30	47(30	47(30	47(30	47(30
		DSG(01(3C9		100	100	100	100	100	20	15	10	10	8	20	15	10	10	8
		DSG(01(3C10 ◆		100	100	100(63	100(33	100(27	100(50	100(37	100(20	78(16	62(13	100(50	100(37	100(20	78(16	62(13
					100(70	80(20	70(20	40(19	100(37	55(25	29(14	20(11	15(10	100(37	55(25	29(14	20(11	15(10
		DSG(01(3C11 ◆		100	100	100	100	100	23	20	13	10	5	100(65	85(52	72(45	65(34	60(27
														70(50	57(40	50(25	43(19	35(18
		DSG(01(3C12 ◆		100	100	100(63	100(33	100(27	100(50	100(37	100(20	78(16	62(13	100(50	100(37	100(20	78(16	62(13
					100(70	80(20	70(20	40(19	100(37	55(25	29(14	20(11	15(10	100(37	55(25	29(14	20(11	15(10
Two Positions	No-Spring Detented	DSG(01(2D2		80	80	80	80	80	45	45	45(21	45(16	38(13	50	50(45	50(42	45(40	45(40
											36(18	28(13	22(12		50(45	50(42	45(40	45(40
	Spring Offset	DSG(01(2B2		85	85	85	85	85	20	16	16	15	13	85(63	80(50	63(40	44(32	44(32
														85(30	60(33	50(28	40(28	40(28
		DSG(01(2B3		70	70	70	70	70	50	50	50	50	50	80(70	80(70	80(70	80(70	80(70
														70(48	70(48	70(48	70(48	70(48
		DSG(01(2B8		(	(	(	(	(	26	17	13	11	10	80(50	70(40	60(20	45(10	30(10
														35(20	23(15	15(8	10(5	7(5