
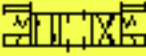

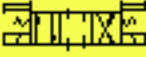

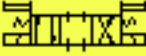

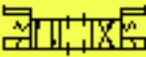

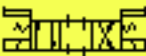

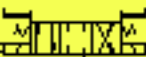

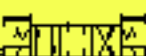

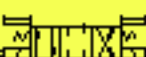










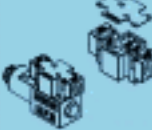





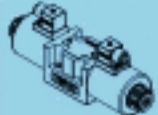



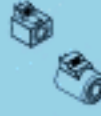




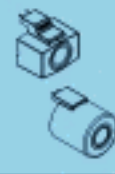
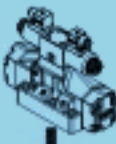

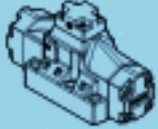

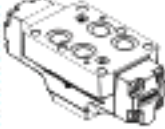





HYDRAULIC SOLENOID VALVES	Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
 <p>DSGX-N-01-AC/DC/RAC</p>		63(16.64)	200(2900)		HS9902
 <p>DSG-N-01-AC</p>					
 <p>DSG-N-01-DC/RAC</p>			315(4500)		
 <p>DSG-N-03-AC</p>		120(31.70)	315(4500)	3/8"	
 <p>DSG-N-03-DC/RAC</p>					
 <p>DSG-N-01-DC/RAC-RW</p>		63(16.64)	200(2900)	1/8"	
 <p>DSG-N-01-DC/RAC-RW</p>			315(4500)		
 <p>DSG-N-03-DC/RAC-RW</p>		120(31.70)		3/8"	

DSG - 3C2 - N - 01 - D2 - 30 - RW - *P*D

Series No	Spool Type	Type of Ele. Conduit	Valve Size	Coil Voltage	Design No	Special Kits	Pilot and Drain
DSGX 	3C94(-01) 	N: DIN Type 	(DSG-) 01 (NFPA-D03) 	(N-01-) AC/DC 	30 DIN 912 bolts 	RW(RA/RB) Stroke Limiter 01/03  04/06	*P Pilot Plug (1/16, 1/8, 1/4) 
DSG(-N-01) 	3C60(-03) 	None: Box Type 	(DSG-) 03 (NFPA-D05) 	(N-03-) AC/DC 	3090 UNC bolts (North America) 	V: Viton Seal 	*D Drain Plug (1/16, 1/8, 1/4) 
DSG(-N-03) 	3C5(-04) 	Y: Lead-Wire 	(DSHG-) 04 (NFPA-D07) 	(01-) AC/DC 		Orifice Plug 0.8/0.1/1.2 mm 	
DSHG(-0*) 	3C3(-06) 		(DSHG-) 06 (NFPA-D08) 	(03-) AC/DC 	C: Check Valve P Port (5 bar) 	C: Check Valve P Port (5 bar)  Fig-1	
DHG(-0*) 	3C60(-10) 		DSHG-10 (NFPA-D10) 	(Y-01/03-) DC 	Fig-1 	RAC Type Shockless Rectifier built-in 	

Coil Voltage	COIL TYPE POWER SOURCE VOLTAGE			
	AC		DC	
	A1: AC100V(50/60Hz) AC110V(60Hz)		D1:DC12V D2:DC24V D3:DC36V	
	A2: AC200V(50/60Hz) AC220V(60Hz)		D4:DC48V D5:DC60V D6:DC72V	
	A3: AC110V(50Hz)		D14.5:DC14.5V D28:DC28V	
	A4: AC220V(50Hz)	RECTIFIED	R1:RAC100 R2:RAC200	
	A5: AC240V(50Hz)		R3:RAC110 R4:RAC220	

For voltages other than specified, Consult HYKING for details.

Valve Size
VALVE SIZE
 01-(1/8") 03-(3/8") 04-(1/2") 06-(3/4") 10-(1-1/4")

Type of Ele. Conduit
ELECTRICAL CONDUIT CONNECTION
 N: DIN connector with light, DIN 43650.ISO6952.
 Y: SWP connector.
 None: Terminal box type with indicator lamp.

Spool Type
SPOOL TYPES





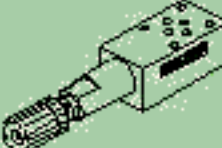

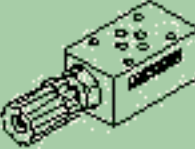






Series No
SERIES NUMBER
 DSG: Solenoid operated directional valves, subplate mounting.
 DSGX: Solenoid operated directional valves, mini type.
 DSGH: Solenoid controlled pilot operated directional valves.
 DHG: Hydraulic Operated Directional Valves.

Design No
PILOT/DRAIN CONNECTION (DSHG ONLY)
 1P1D: Internal pilot, internal drain
 1P2D: Internal pilot, internal drain
 2P1D: Internal pilot, internal drain
 2P2D: Internal pilot, internal drain

Special Kits
MODEL WITH SPECIAL KITS (OPTION - Omit If Not Required)
 C: Check Valve P Port (5bar) V: Viton seals
 S: Shockless type RB: Stroke limiter "B" stroke
 RA: Stroke limiter "A" stroke SK: Surgeless (Surge Killer)
 RW: Stroke limiter "A+B" stroke WP: Water proof type.
 PK: Sparkless (Spark Killer) type. VP: Vibration proof type.

Pilot and Drain
DESIGN NO
 30: with DIN 912 bolts
 3090: with UNC (North American) bolts

Design number is changed from 20 to 30 (2090 to 3090).
 N (DIN Types), all parts are interchangeable with 20(2090)
 Terminal box type equipped with new conduit box design, reference page 35 for details.

CHECK MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	MC*-01-*		35(9.25)	250(3600)	1/8"	HS9807
	MC*-03-*		70(18.49)		3/8"	
	MC*-06-*		125(33.02)		3/4"	
PLOT OPERATED CHECK MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	MP*-01-*		35(9.25)	250(3600)	1/8"	HS9807
	MP*-03-*		70(18.49)		3/8"	
	MP*-06-*		125(33.02)		3/4"	
SEQUENCE MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	MHP-03-*		35(9.25)	250(3600)	1/8"	HS9807
	MHP-01-*		50(13.21)		3/8"	
	MHP-06-*		125(33.02)		3/4"	
COUNTERBALANCE MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	MHA(B)-01-*		35(9.25)	250(3600)	1/8"	HS9807
	MHA(B)-03-*		50(13.21)		3/8"	
	MHA(B)-06-*		125(33.02)		3/4"	
CARTRIDGE RELIEF MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	CMD-01-W		2.5(.66)	315(4500)	1/8"	HS9807
	CMR-01-W		25(6.60)			
SOLENOID WITH CHECK MODULAR VALVES		Graphic Symbol	Q max. l/min. (U.S.GPM)	P max. bar(PSI)	Valve Size	Ref. Catalogue
	MSCW-01		35(9.25)	210(3000)	1/8"	HS9807
	MSCW-03		70(18.49)	250(3600)	3/8"	