

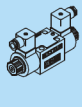

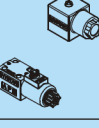

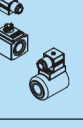





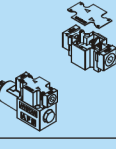

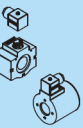



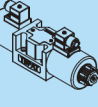

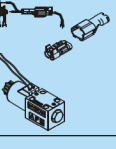

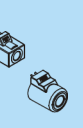

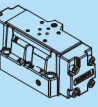

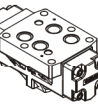
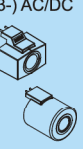
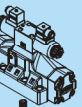

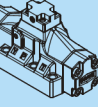

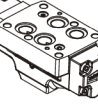
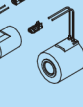




"DSG" DIRECTIONAL VALVES

A

■ Ordering Code

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

For voltages other than specified, consult HYKING for details.

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

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

SPOOL TYPES

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.

PILOT/DRAIN CONNECTION (DSHG ONLY)
1P1D: Internal pilot,internal drain
1P2D: Internal pilot,external drain
2P1D: External pilot,internal drain
2P2D: External pilot,external drain

MODEL WITH SPECIAL KITS (OPTION - Omit If Not Required)
C: Check Valve P Port (5 bar) 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.

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.