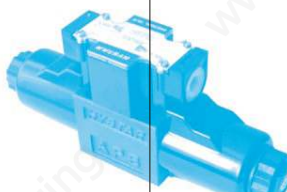
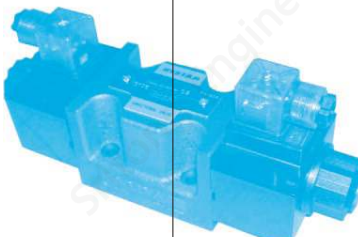
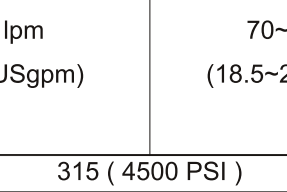
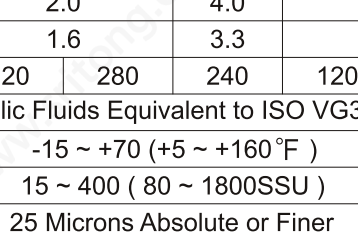


MODEL NO SPECIFICATIONS (DSG-01/03 Solenoid Operated Directional Valves)

A

Spool Type & Graphic Symbols		Rated Flow Capacity -Maximum Flow Capacity																	
SYMBOLS	MODEL NO	DSG (X) - 01 (1/8")						DSG - 03 (3/8")											
		AC		RAC		DC		AC		RAC		DC							
		A1	A2	R1	R2	D1	D2	A1	A2	R1	R2	D1	D2						
	DSG-2B2-**																		
	DSG-2B3-**																		
	DSG-2B8-**																		
	DSG-2D2-**																		
	DSG-2D3-**																		
	DSG-3C2-**																		
	DSG-3C3-**																		
	DSG-3C4-**																		
	DSG-3C40-**																		
	DSG-3C7-**																		
	DSG-3C9-**																		
	DSG-3C10-**																		
	DSG-3C11-**																		
	DSG-3C12-**																		
	DSG-3C5-**																		
	DSG-3C6-**																		
	DSG-3C60-**																		
Max. Operating Pressure (P.A.B) (bar)		315 (4500 PSI)																	
Max. Operating Pressure 3C5/3C6 Types (bar)		250 (3600 PSI)																	
Permissible Back Pressure (T) (bar)		160 (2300 PSI)																	
Weight (Kgs)	Double Solenoid	1.9	2.0		4.0		4.8												
	Single Solenoid	1.5	1.6		3.3		3.8												
Switching Frequency (times/min)		280	120		280		240		120		240								
Hydraulic Fluids		Use Hydraulic Fluids Equivalent to ISO VG32 or VG46																	
Operating Temperature Range Recommended (°C)		-15 ~ +70 (+5 ~ +160°F)																	
Operating Viscosity (cSt)		15 ~ 400 (80 ~ 1800SSU)																	
Filtration		25 Microns Absolute or Finer																	

DSGX series mini. type solenoid valves.

Max. pressure (P.A.B) : 200bar (2900PSI), 3C5/3C6 spool types : 160bar (2300PSI).

Permissible Back Pressure (T) : 100bar (1430PSI)

Weight : Double Solenoid : 1.6kgs., Single Solenoid : 1.1kgs



LIST OF SPOOL FUNCTIONS (DSG-01/03)

A

SPRING OFFSET 2 POSITION	GRAPHIC SYMBOLS (STANDARD)	SPRING CENTERED 3 POSITION	GRAPHIC SYMBOLS (STANDARD)	NO SPRING DETENTED 2 POSITION	GRAPHIC SYMBOLS (STANDARD)
2A2		3C2		2D2	
2A3		3C3		2D3	
2A14		3C4		2D4	
2A2L		3C40		2D40	
2A3L		3C5		2D7	
2A14L		3C6		2D2A	
2B2		3C60		2D3A	
2B3		3C7		2D4A	
2B8		3C8		2D40A	
2B29		3C9		2D5A	
2B2L		3C10		2D60A	
2B3L		3C11		2D7A	
2B8L		3C12		2D9A	
2B29L		3C25		2D10A	
		3C29		2D11A	
		3C48		2D12A	
		3C94			

LIST OF SPECIAL TWO POSITION VALVES (DSG-01/03)

A

SPRING OFFSET 2 POSITION	GRAPHIC SYMBOLS		SPRING OFFSET 2 POSITION	GRAPHIC SYMBOLS	
	STANDARD	(ALTERNATED)		STANDARD	(ALTERNATED)
2B2A(L)			2B2B(L)		
2B3A(L)			2B3B(L)		
2B4A(L)			2B4B(L)		
2B40A(L)			2B40B(L)		
2B5A(L)			2B5B(L)		
2B6A(L)			2B6B(L)		
2B60A(L)			2B60B(L)		
2B7A(L)			2B7B(L)		
2B8A(L)			2B8B(L)		
2B9A(L)			2B9B(L)		
2B10A(L)			2B10B(L)		
2B11A(L)			2B11B(L)		
2B12A(L)			2B12B		
2B25A(L)			2B25B(L)		
2B29A(L)			2B29B(L)		
2B48A(L)			2B48B(L)		

NOTE : Standard Model No. + L = Alternate Model.
For example, 2B2A is Standard Model, 2B2AL is Alternate Model.

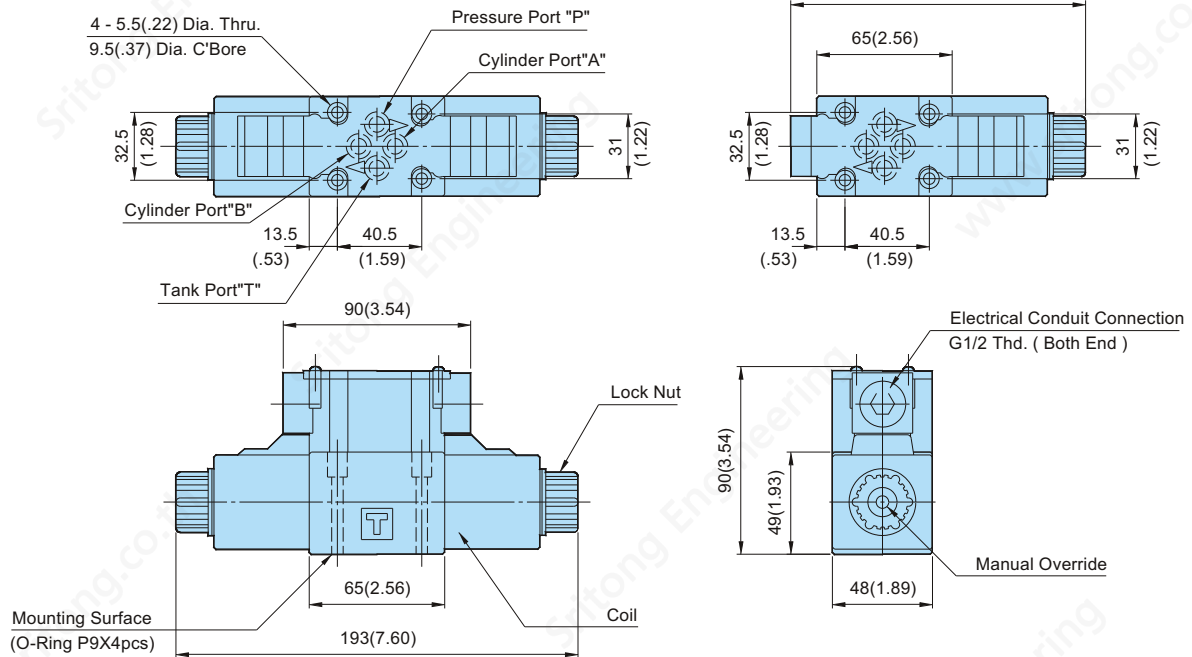
DIMENSIONS

MILLIMETERS(INCHES)

A

DSG-01-AC

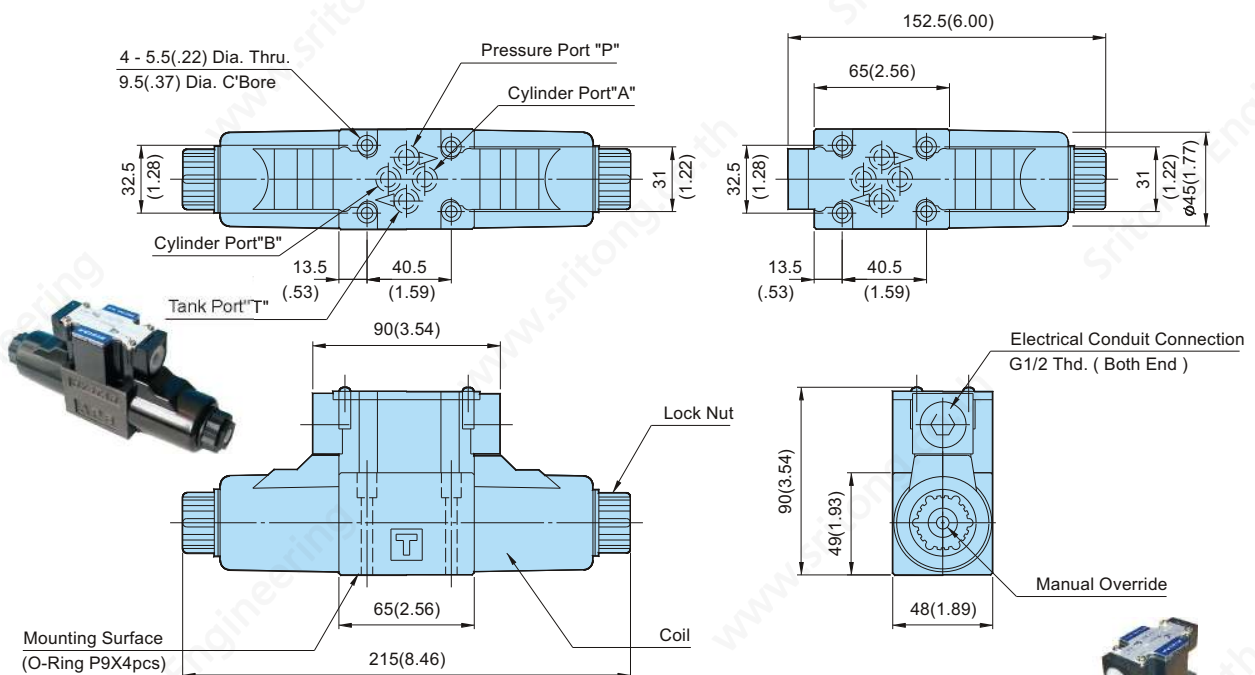
MOUNTING SURFACE: DSG-01-CETOP3
ISO 03-NFPAD03



Attachment Name	Description	Tightening Torque	Code
Soc. Hd. Cap Screw	M5 X45LgX4pcs	5-7 Nm	30
Soc. Hd. Cap Screw	10-24UNCX1-3/4"LgX4pcs	43-60 in.lbs	3090

DSG-01-DC/RAC

MOUNTING SURFACE: DSG-01-CETOP3
ISO 03-NFPAD03



Attachment Name	Description	Tightening Torque	Code
Soc. Hd. Cap Screw	M5 X45LgX4pcs	5-7 Nm	30
Soc. Hd. Cap Screw	10-24UNCX1-3/4"LgX4pcs	43-60 in.lbs	3090



"DSG" DIRECTIONAL VALVES

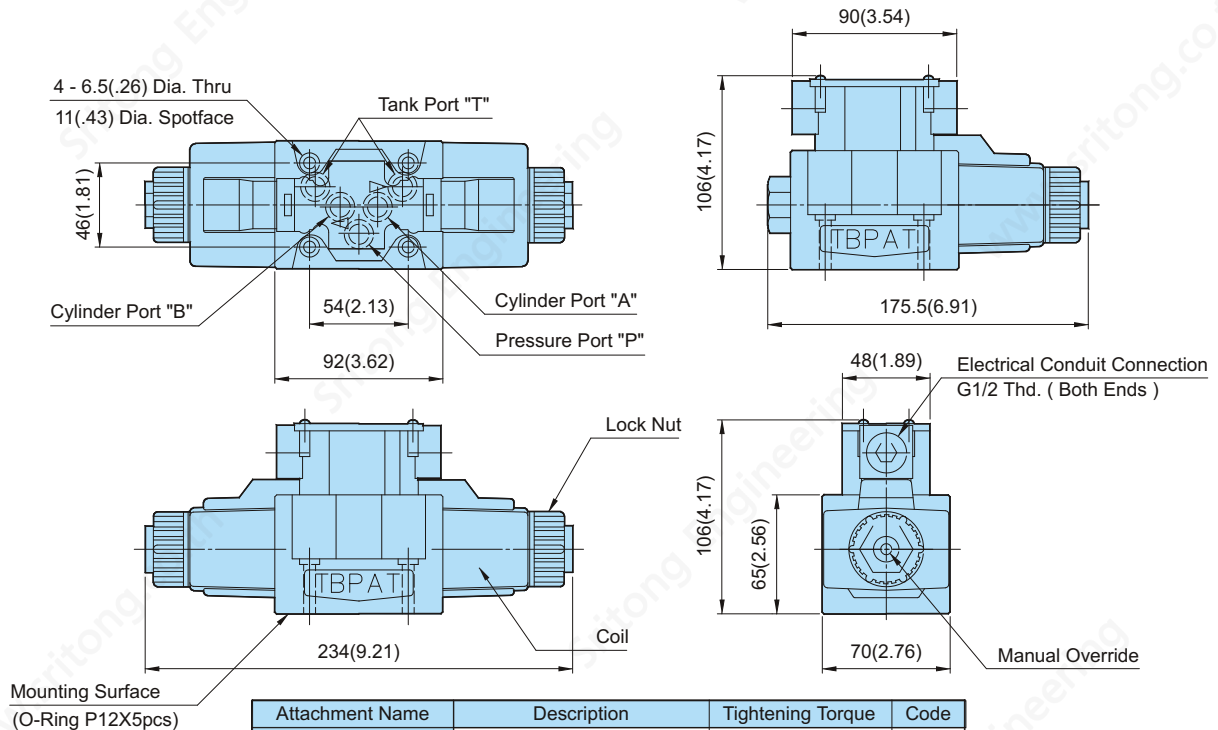
DIMENSIONS

MILLIMETERS(INCHES)

A

DSG-03-AC

MOUNTING SURFACE:DSG-03-CETOP5
ISO 05-NFPAD05



DSG-03-DC/RAC

MOUNTING SURFACE:DSG-03-CETOP5
ISO 05-NFPAD05

