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DIRECTIONAL CONTROLS





SOLTECH

DIRECTIONAL CONTROLS

SOLENOID CONTROLLED PILOT DIRECTIONAL CONTROL VALVES

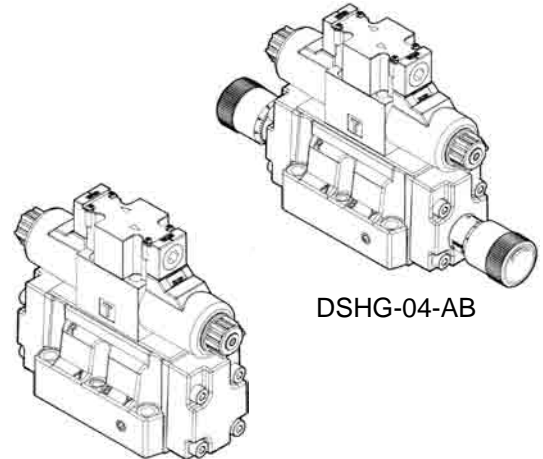
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【DSHG-04】

ISO 4401-AD-07-4-A, NG 16

※SPECIFICATION

Model	Max. Flow (ℓ/min)/(U.S.GPM)	Max. Oper. Pres. (MPa)/(PSI)	Max. Pilot Pres. (MPa)/(PSI)	Weight (kg)
DSHG-04	300(79.3)	31.5(4570)	25(3630)	6.2
DSHG-04-AB				8
Model	Min. Required Pilot Pres. (MPa)/(PSI)	Max. T-Line Back Pressure MPa(PSI)		Max. Changeover Frequency (Cycles/Min)
DSHG-04	0.8(120)	Ext.Drain	Int.Drain	120
DSHG-04-AB		21(3050)	16(2320)	



DSHG-04-AB

DSHG-04

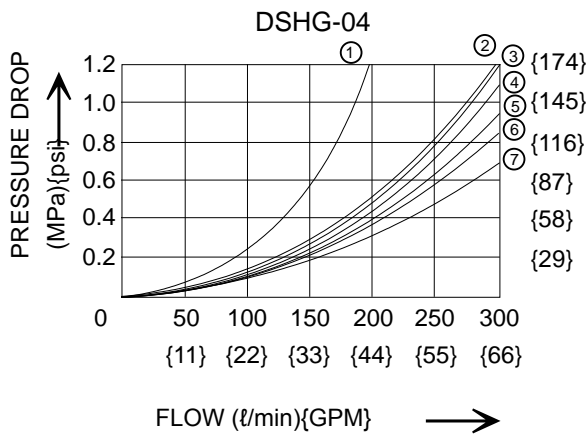
※ACCESSORIES

Model	Socket Head Screw Cap				O Ring	
	European Design Std.	North America Design Std.				
DSHG-04	M6 x 45 Lg.	1/4-20 UNC x 1-3/4 Lg.	2 Pcs	P9	2	Pcs
	M10 x 50 Lg.	3/8-16 UNC x 2 Lg.	4 Pcs	P22A	4	Pcs

※MODEL NUMBER DESIGNATION

DSHG	04	3C60	AB	(E)	(T)	(90)
SERIES NO.	VALVE SIZE 04 : NG16	SPOOL TYPE	ADJ. HANDHOLD	E:EXTERNAL PILOT OMIT:INTERNAL PILOT	T:INTERNAL DRAIN OMIT:EXTERNAL DRAIN	DESIGN NO. OMIT: DIN 912 BOLTS 90: UNC BOLTS (NORTH AMERICA)

※PERFORMANCE CURVE



Spool Type	Pressure Drop Curve Numbers				
	P→A	B→T	P→B	A→T	P→T
2	5	4	5	6	---
3	5	3	5	5	7
4	5	3	5	5	---
40	5	4	5	6	---
5	7	4	5	5	5
6	5	3	5	6	1
60	7	5	7	7	2
7	5	4	5	6	---
9	5	4	5	6	---
10	5	2	5	6	---
11	6	4	5	6	---
12	5	4	5	5	---



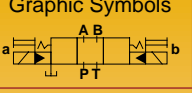



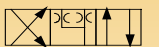

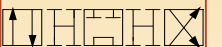
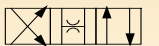
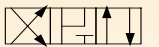
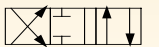
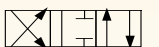
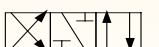





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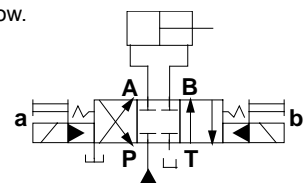
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※LIST OF STANDARD MODEL AND MAXIMUM FLOW : 【DSHG-04】 :

No. Of Valve Position	Spool-Spring	Model No. & Description	Graphic Symbols 	Max. Flow lpm(U.S.GPM)			
				10MPa (1450psi)	16MPa (2320pis)	25MPa (3630psi)	31.5MPa (4570psi)
Three Positions	Spring Centered	3C2		300(79.3)	300(79.3)	300(79.3)	145 (38.3)
		3C3		300 (79.3)	300 (79.3)	300 (79.3)	300 (79.3)
		3C4		300 (79.3)	300 (79.3)	250 (66.1)	165 (43.6)
		3C40		300 (79.3)	300 (79.3)	200 (52.8)	145 (38.3)
		3C5		250 (66.1)	250 (66.1)	245 (64.7)	245 (64.7)
		3C60		300 (79.3)	300 (79.3)	300 (79.3)	300 (79.3)
		3C7		300 (79.3)	300 (79.3)	200 (52.8)	145 (38.3)
		3C9		300 (79.3)	300 (79.3)	280 (74.0)	250 (66.1)
		3C10		300 (79.3)	300 (79.3)	200 (52.8)	150 (39.6)
		3C11		300 (79.3)	260 (68.7)	160 (42.3)	140 (37.0)
		3C12		300 (79.3)	280 (74.0)	170 (44.9)	135 (35.7)
		Two Positions	Spring Offset	2B2		300 (79.3)	300 (79.3)
2B3							
2B4							
2B40							
2B7							

Notes:1. Max flow described above shown value at pilot pressure more than 0.8 MPa (120 PSI),shown below.

2. Max. flow in the table above represents the value in the flow condition of P → A → B → T (or P → B → A → T) as shown in the circuit diagram right.
 In case the valve is used in the condition that either A or B port is blocked, the maximum flow differs according to a hydraulic circuit, therefore, please consult us for details.

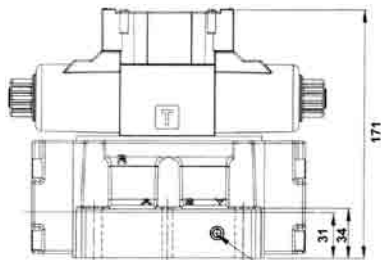
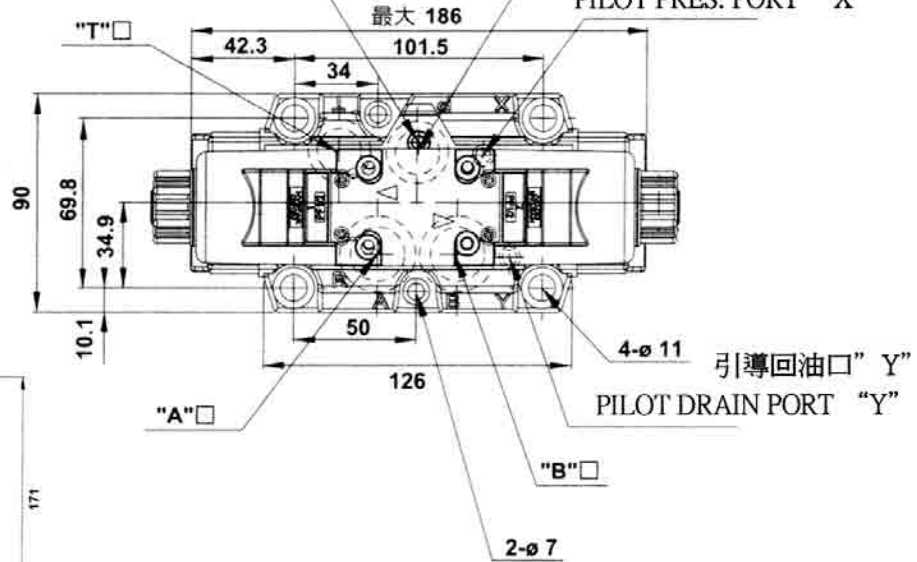
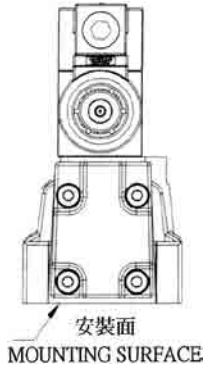


DSHG-04

遇用外部引導時將1/16裝上即可

MOUNT 1/16
TO BE EXTERNAL PILOT

"P" □ 引導壓力口 "X"
PILOT PRES. PORT "X"



遇外部回油時將
1/16裝上即可。

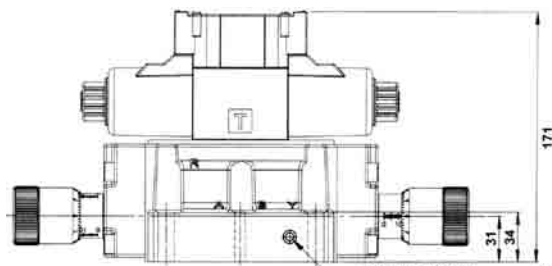
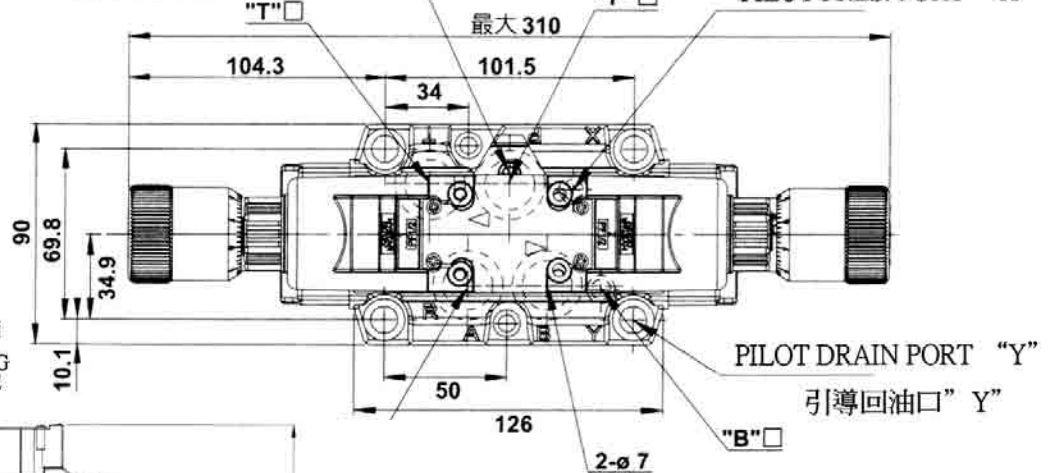
MOUNT 1/16 TO
BE EXTERNAL DRAIN

DIMENSIONS

DSHG-04-AB

MOUNT 1/16
TO BE EXTERNAL PILOT

引導壓力口 "X"
PILOT PRES. PORT "X"



MOUNT 1/16 TO
BE EXTERNAL DRAIN

遇外部回油時，
將1/16裝上即可。

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