

DWG6 SERIES SOLENOID OPERATED DIRECTIONAL CONTROL VALVES

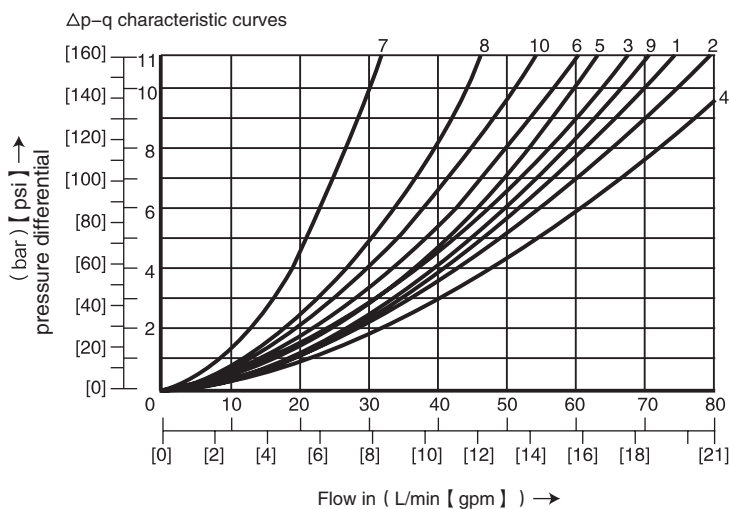


DWG6 series directional control valves are solenoid operated directional spool valves, these valves are used to the start, stop and direct flow.

Technical data

Size	6		
Max. flow rate (L/min)	60		
Operating pressure (MPa)	A, B, P oil port 31.5		
	T oil port 16		
Without Handle/With Handle	1.6/2.2		
Weight (KGS)	2.2/2.8		
Valve body (Material) Surface treatment	casting phosphating surface		

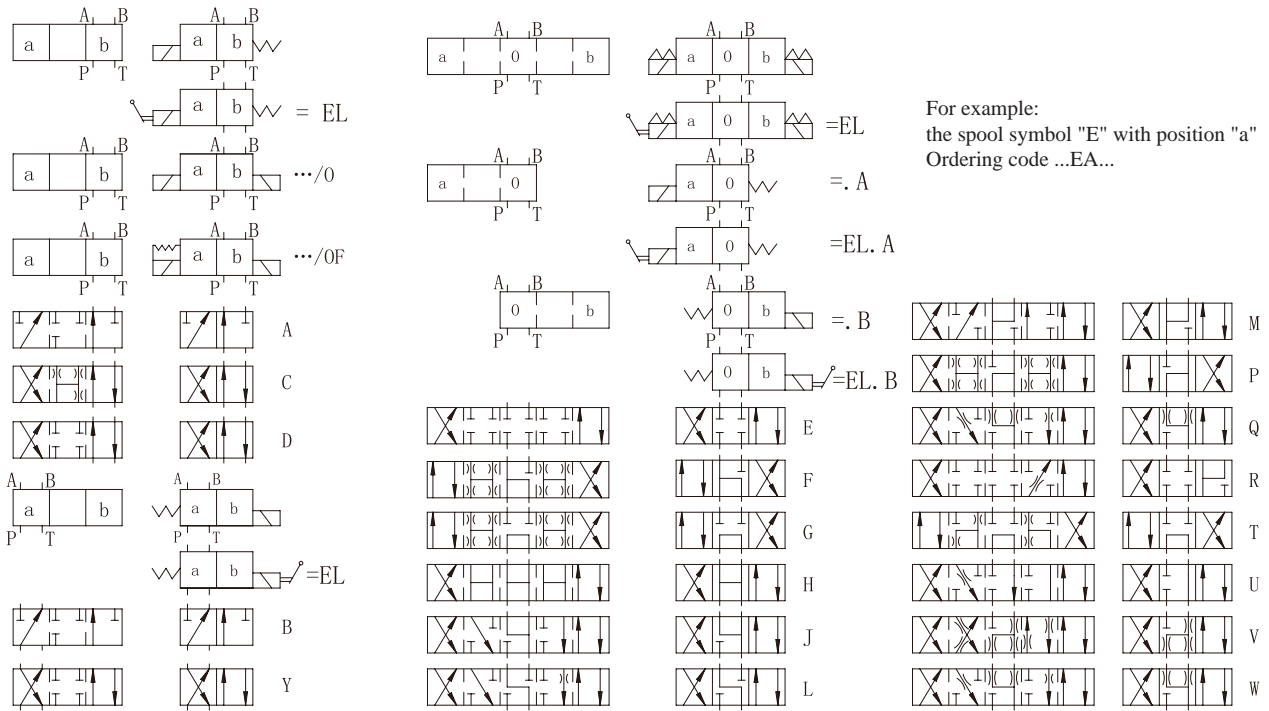
Characteristic curves (measured with HLP46, $V_{oil}=40^{\circ}\text{C} \pm 5^{\circ}\text{C}$ [104°F ± 9°F])



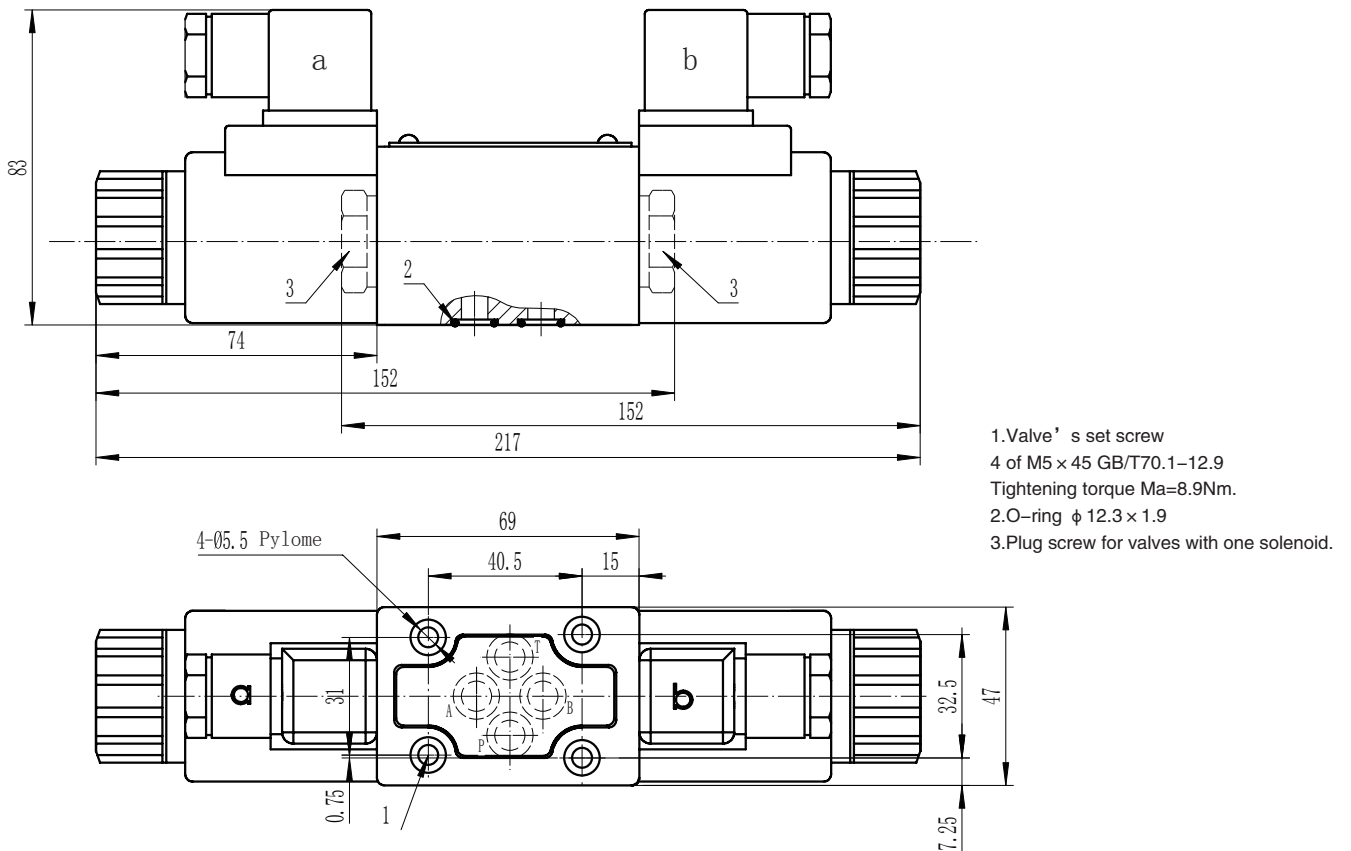
7 Spool symbol "R" in spool position B→A
 8 Spool symbol "G" and "T" in central position
 9 Spool symbol "H" and "T" in central position P→T

Spool symbol	Flow direction			
	P-A	P-B	A-T	B-T
A; B	3	3	-	-
C	1	1	3	1
D; Y	5	5	3	3
E	3	3	1	1
F	1	3	1	1
T	10	10	9	9
H	2	4	2	2
J; Q	1	1	2	1
L	3	3	4	9
M	2	4	3	3
P	3	1	1	1
R	5	5	4	-
V	1	2	1	1
W	1	1	2	2
U	3	3	9	4
G	6	6	9	9

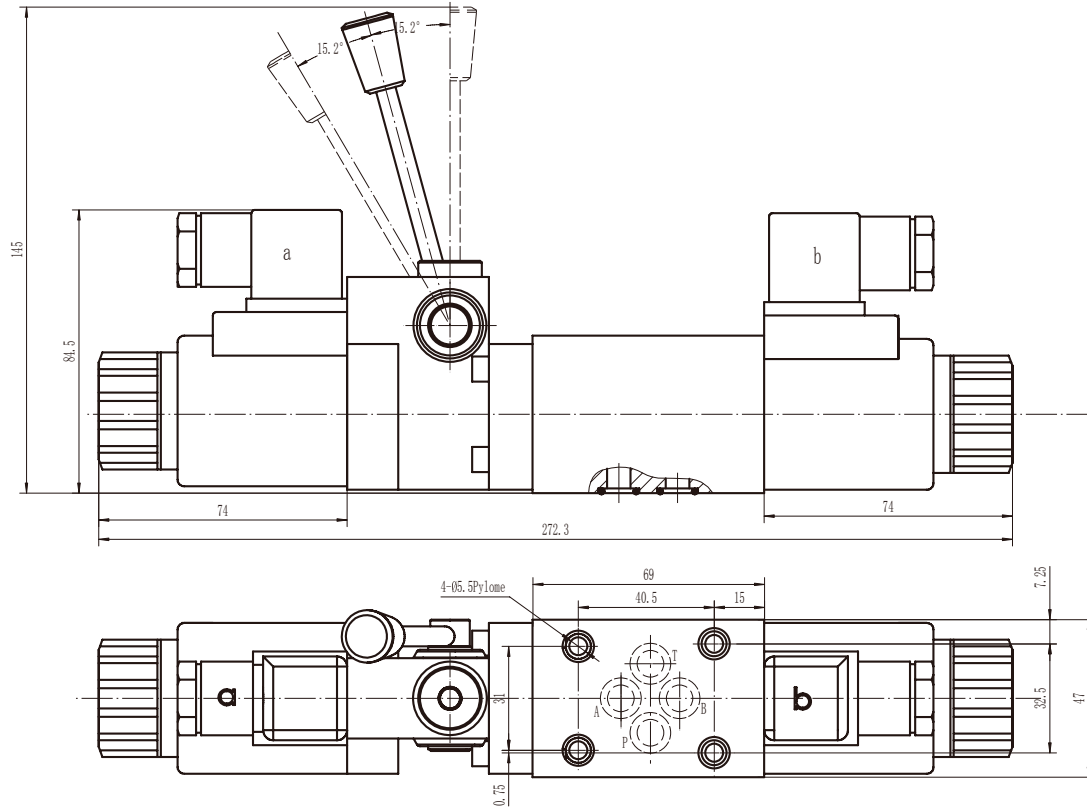
► Spool symbols



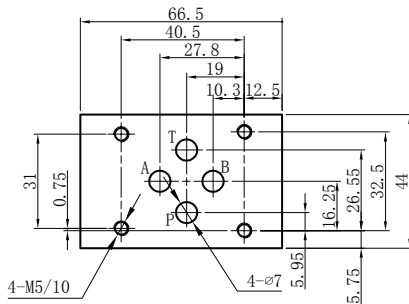
► DWG6 Subplate Installation Dimensions



► DWG6-EL Subplate Installation Dimensions



► DWG6 Subplate Installation Dimensions



Installations are the same with
Z1DS6,Z2DS6,Z2FDS6,ZPB6,ZPR6

4	DWG	6	*	E	60	*	DC24	N	Z5L	*	*	*
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3=3-way
4=4-way
Size 6

1.No code=Without hand lever
2.EL=With hand lever
Spool Type

Series 60=60 Solenoid coils with thread connection

No code=With spring return;O=Without spring return
OF=Without spring return with detent

Voltage
DC12;DC24 ;AC110;AC220

For further details

No code=NBR seals
V=FPM seals

No code=Without orifice insert
B08=Orifice size0.8mm
B10=Orifice size1.0mm
B12=Orifice size1.2mm

Z5L=Large quadrate plug with light
ZC=Waterproof connector
JS=Wire box connector

N =With concealed manual override
No Code =Without concealed manual override