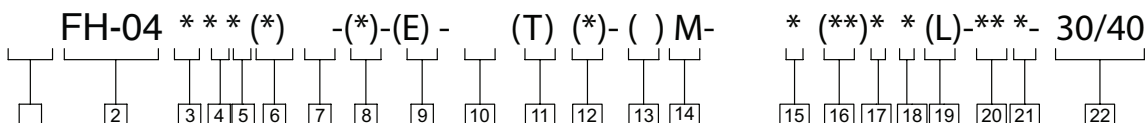


FH-04 DIRECCTIONAL VALVE CETOP 07

- Electro-Hydraulic Directional Control Valve
- Variety of Spool Configurations
- 18 Month Warranty
- Flow Rates to 60 gpm



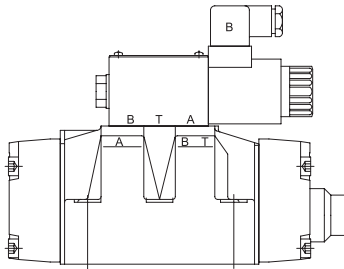
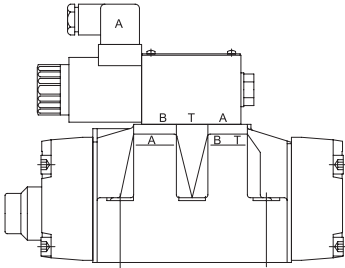
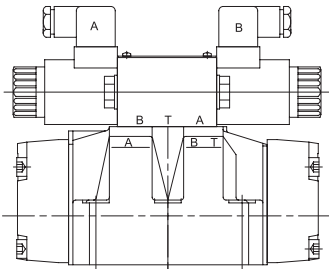
Model Code Breakdown



	10 Pilot Pressure E External pilot pressure Blank Internal pilot pressure	18 Electrical Options (Code U coil only) Blank ISO with fitted plug and lights
2 Series Designation Directional control valve Manifold or subplate mounted Solenoid controlled, pilot operated Sliding spool, rated pressure 210 bar (3000 psi)	11 Pilot Drain T Internal pilot drain Blank External pilot drain	19 Solenoid Indicator Lights (Code F coil with code T electrical connections only) L Indicator lights Blank Omit if not required
3 Interface NFA 4-04 D07	12 Pressure Port Check Valve K 5 psi cracking pressure R 50 psi cracking pressure S 75 psi cracking pressure Blank Omit if not required	20 Coil Identification B 110V AC 50 Hz/120V AC 60 Hz D 220V AC 50 Hz/240V AC 60 Hz G 12 V DC H 24 V DC
4 Spool Type See Chart on page 2 Code Center position 0 all ports open 2 all ports closed 4 Tandem P to T, A & B closed 6 Closed P A & B to T 7 Open P to A & B, closed T 8 Tandem P to T, A & B closed	13 Solenoid Energization Identity V Solenoid identification determine by position of solenoid (solenoid A at port A end and/or solenoid B a port B end) Blank Standard arrangement for ANSI B93.9 (energize solenoid A for flow P to A port) (Code V for any valve with # 4 or #8 spool)	21 Pilot Valve Tank Pressure Rating 5 1450 psi DG4V3S-60 6 3045 psi DG4V3-60 with AC solenoids, high performance 7 3000 psi DG4V3-60 with DC solenoids high performance
5 Spool/Spring Arrangement A Spring offset to A port B Spring centered, solenoid A removed C Spring centered N No spring detented (pilot only)	14 Flag Symbol M Electrical options and features	22 Design Number Subject to change
6 Left Hand Assembly L Left hand, single solenoid only. (For right hand assembly, P to A port when solenoid A is energized.) Blank Omit if not required	15 Coil Type F Flying Leads U DIN ISO 4400	
7 Manual Override Blank – Plain override solenoid ends only	16 Electrical Connections (Code F coil only) T Wired terminal block PA3 Three pin connector PA5 Five pin connector Blank Omit if not required	
8 Response Type X Fast response Blank Standard low shock models	17 Housing (Code F coil only) W 1/2 NPT thread wiring housing Blank Omit if not required	
9 Spool Control Modifications 2 Pilot choke (dual) adjustment Blank Omit if not required		

Spool Type and Spring Mechanism

2C		2B		2BL		2A	
0C		0B		0BL		0A	
6C		6B		6BL		22A	
7C		7B		7BL		2AL	
8C		8B		8BL		0AL	
4C		4B		4BL		22AL	



Technical Data

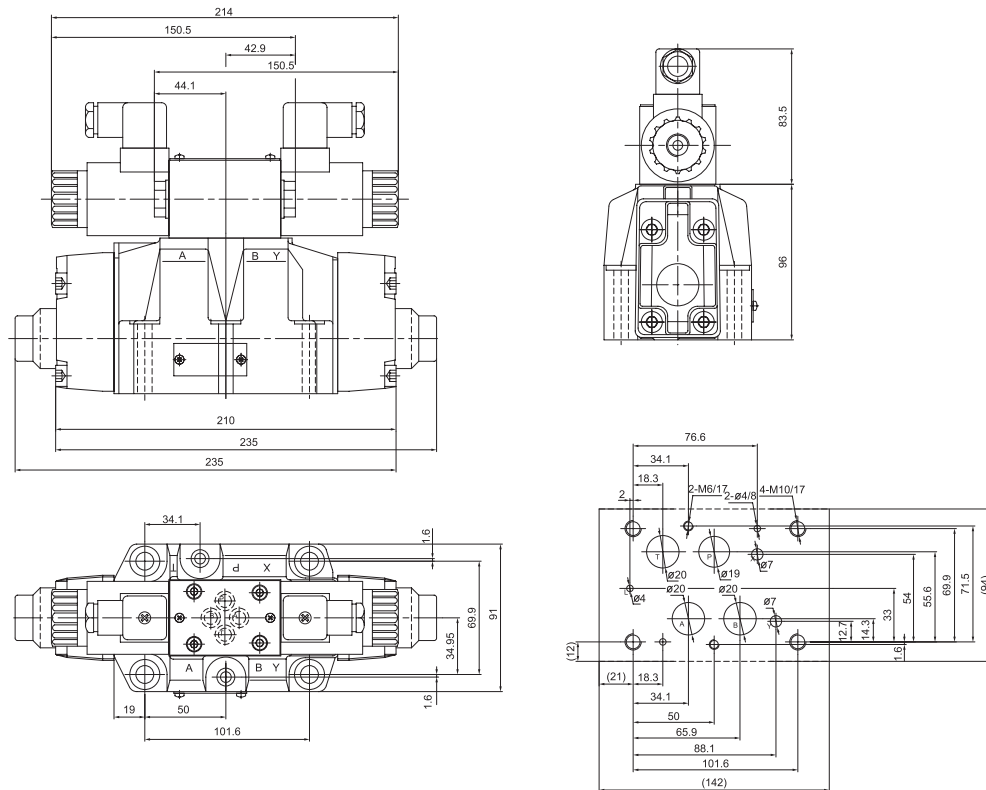
D07	Weight
Valve with one solenoid	14 lbs
Valve with two solenoids, spring centered	15 lbs

Max Operating Pressure			
Ports	Type	PSI	
P, A,B	Pressure	4061	
T	Pilot oil drain Y external	3626	
	Pilot oil drain Y internal	3046	DC Voltage
		2320	AC Voltage
Y	External Pilot Oil Drain	3046	DC Voltage
		2320	AC Voltage
Maximum Pilot Pressure		3600	

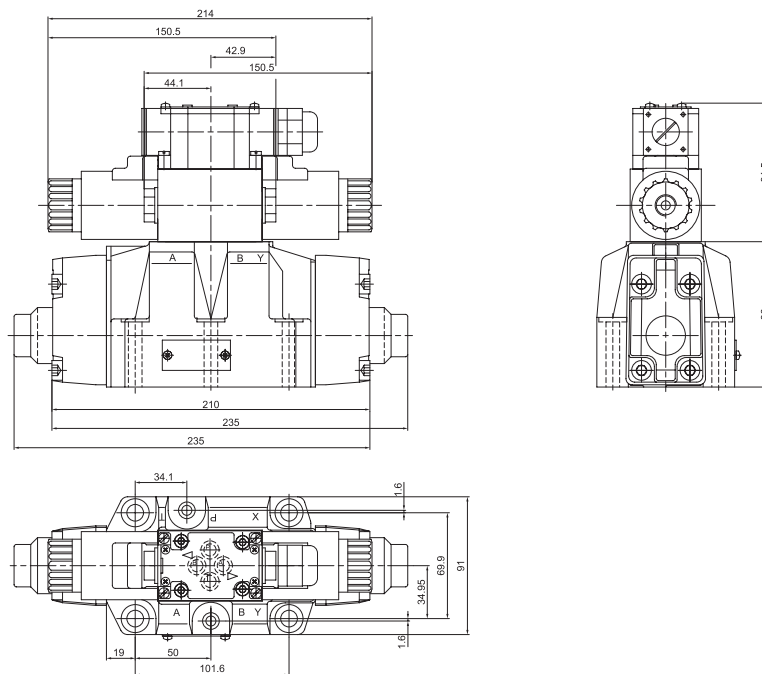
D03 Pilot Coils						
Rated Voltage	HZ	Working Voltage	In-Rush Current	Holding Current	Power Watts	Remark
DC12		10.8~13.2		2.5A	30	
DC24		21.6~26.4		1.25A	30	
AC110B		99~121		0.65A	30	Rectified Type
AC220B		198~242		0.33A	30	Rectified Type
AC110V	50/60	99~121	1.7A	0.48A	30	
AC220V	50/60	198~242	0.85A	0.25A	30	

Installation Dimensions

D07 DC Din Plug

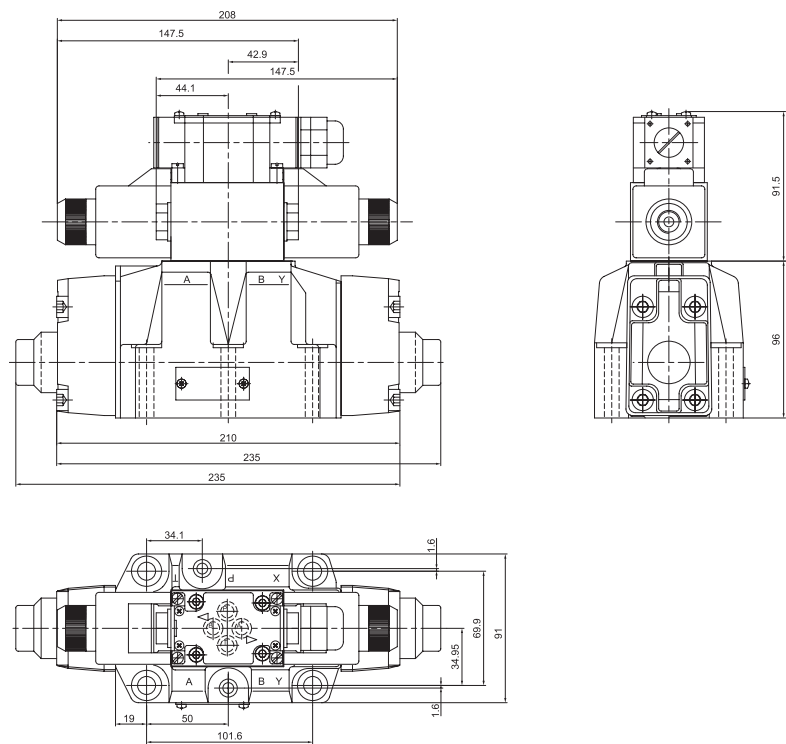


D07 DC Wire Box



Installation Dimensions

D07 AC Wire Box



D07 AC Din Plug

