



**MANUFACTURERS AND SUPPLIERS
OF HYDRAULIC COMPONENTS**

DIRECTIONAL CONTROL VALVES

SOLENOID PILOT OPERATED DIRECTIONAL CONTROL VALVES – CETOP 7



TECHNICAL DATA

MODEL		F5-16	
MAX. FLOW RATE (L/MIN)		300	
MAX. WORKING PRESSURE (MPa)	A, B, P Port		315 BAR
	T Port	External Drain	250 BAR
		Internal Drain	160 BAR
	Y Port	External Control	160 BAR
WEIGHT (KG)	Pilot Valve with Single Solenoid		1.6KG
	Pilot Valve with Double Solenoids		2.2KG
	F5-16		6.3KG
HYDRAULIC FLUID/SEAL MATERIAL		MINERAL / NBR SEALS	
TEMPERATURE RANGE (°C) / VISCOSITY RANGE (MM²/S)		-30 TO +80/2.8 TO 500	
OIL CLEANLINESS CLASS ACCORDING TO ISO4406		CLASS 20/18/15	

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HOW TO ORDER

F5	16	E	6X
PRODUCT TYPE	SIZE	SPOOL SYMBOL	SERIES NUMBER
PILOT OPERATED DIRECTIONAL CONTROL VALVE	16: NG16	REFER TO SPOOL SYMBOLS	6X SERIES

ET	P4.5
OIL CONTROL TYPE	PRE-LOAD VALVE
REFER TO OIL CONTROL LIST IN PAGE A10	NO CODE: WITHOUT PRE-LOAD VALVE P4.5: WITH PRE-LOAD VALVE

SPOOL SYMBOLS

= C	= D	= E	= F	= G	= H	= J	= L	= M	= P	= R	= S	= U

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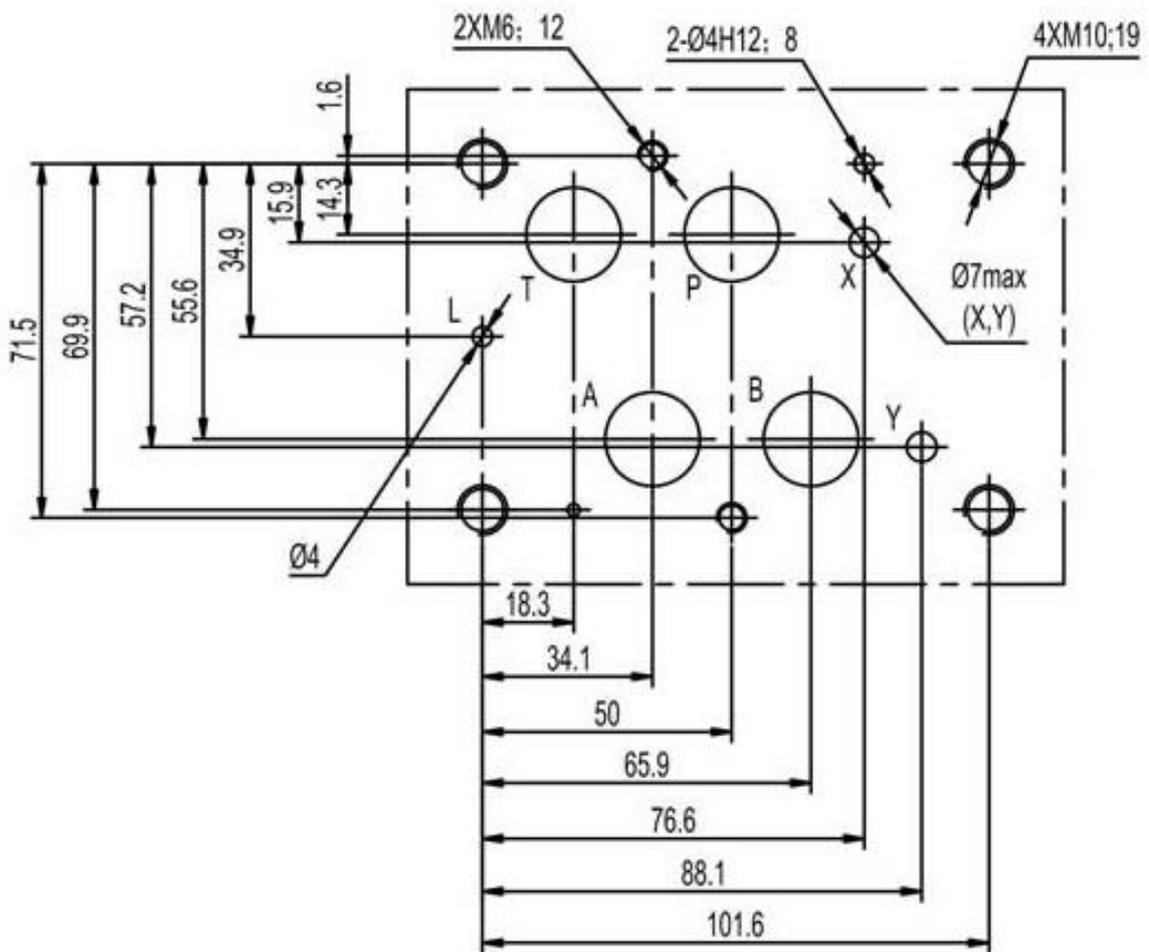
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SUBPLATE INSTALLATION DIMENSIONS (MM)





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Unit dimensions: NG16 (dimensions in mm [inch])

