

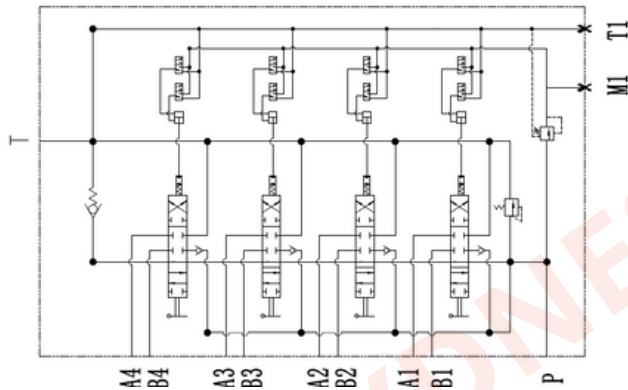
Electro-Hydraulic Control Valve P80



An electro-hydraulic control valve is combination of electrical (ON-OFF Solenoid) and manual hand lever control used to path or direction of hydraulic fluid flow within hydraulic systems. electro-hydraulic control valves are widely used in the system that require remote fluid control.

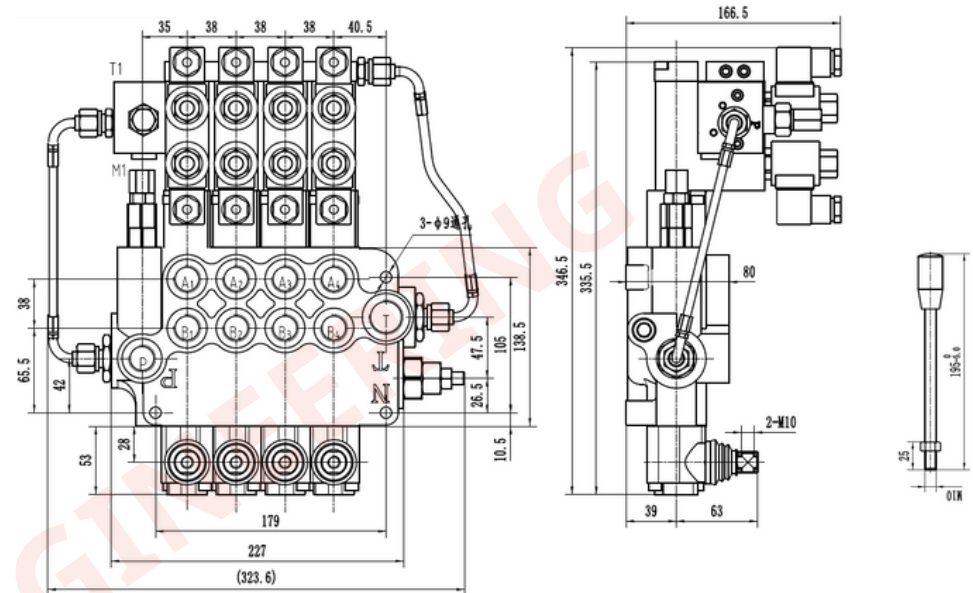
Solenoid can be either 12VDC or 24VDC

Hydraulic Circuit



Technical Data

Rated flow rate	80 L/min	Rated Temperature	- 20°C - 80°C
Max flow rate	100 L/min	Spool stroke	+7 , -7 mm.
Max pressure at port P	300 bar	Hydraulic oil viscoity range	15+75 mm2 /s
Max pressure at port A,B	300 bar	Recommend temperature range	-40°C - 60°C
Max pressure at port T	25 bar	Internal leakage (@70 bar)	A,B to T 30-35cc/min



Main features

- Cast iron body monoblock
- Parallel circuit, each spool has it own check valve
- Provide different spool to be use for double acting cylinder or hydraulic motor
- Provde relief valve adjustable pressure 20 Mpa
- Available 1-5 spool

Specification

MODEL	RATED PRESSURE	RATED FLOW RATE	PORT P,A,B	PORT T,N	Voltage	Dimension (mm.)
P80-DY-1OT/24	250 BAR	80 LPM	G1/2"	G3/4"	12/24VDC	161.62
P80-DY-2OT/24	250 BAR	80 LPM	G1/2"	G3/4"	12/24VDC	257.63
P80-DY-3OT/24	250 BAR	80 LPM	G1/2"	G3/4"	12/24VDC	295.70
P80-DY-4OT/24	250 BAR	80 LPM	G1/2"	G3/4"	12/24VDC	323.60
P80-DY-5OT/24	250 BAR	80 LPM	G1/2"	G3/4"	12/24VDC	365.48