

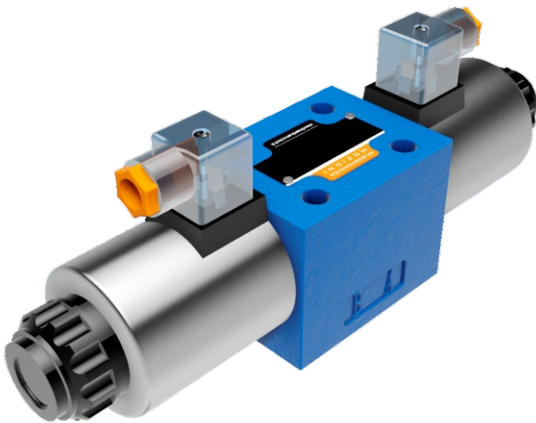


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WE10

SOLENOID OPERATED
DIRECTIONAL CONTROL VALVES

WE10 SERIES DIRECTIONAL CONTROL VALVES
ARE SOLENOID OPERATED DIRECTIONAL
SPOOL VALVES.
THESE VALVES ARE USED TO THE START, STOP
AND DIRECTION OF FLOW.

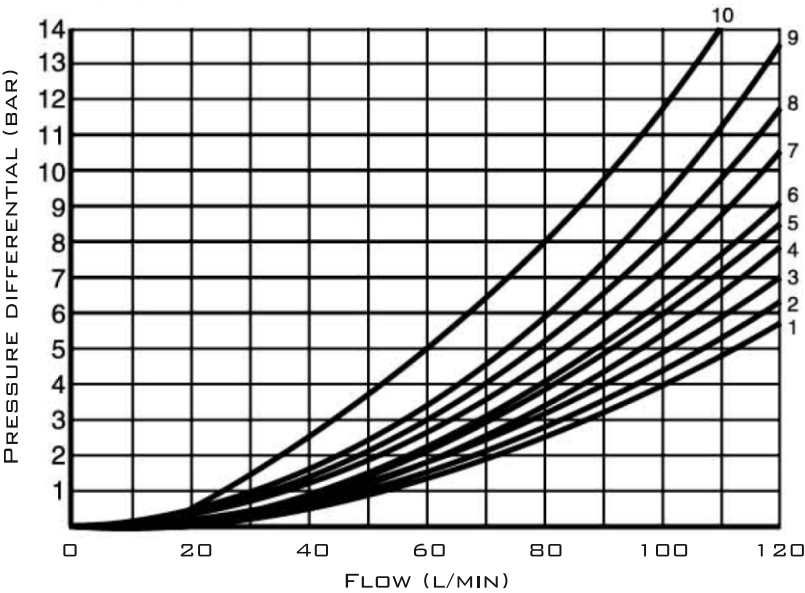


TECHNICAL DATA

SIZE		10
MAX. FLOW RATE (L/MIN)		120
OPERATING PRESSURE (MPA)	A, B, P PORTS	31.5
	T PORT	16
WEIGHT (KG) WITHOUT/WITH HANDLE	1 SOLENOID	4.6
	2 SOLENOIDS	6.4
VALVE BODY (MATERIAL)		CASTING PHOSPHATING SURFACE

CHARACTERISTIC CURVES

$\Delta P-Q$ CHARACTERISTIC CURVES



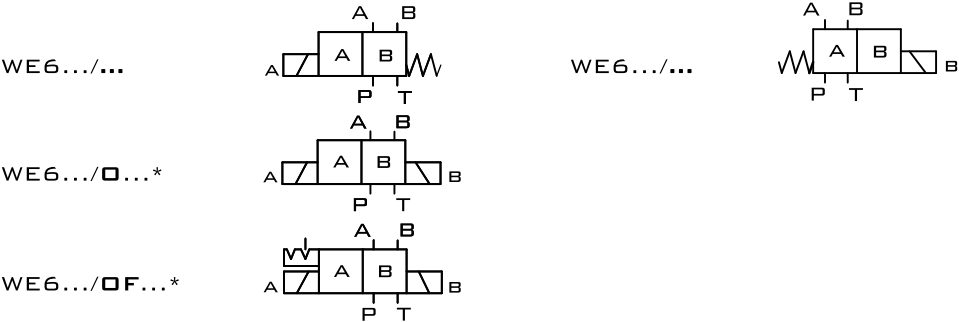
9 CURVE – SPOOL SYMBOL “R” IN SHIFTED POSITION B → A;
3 CURVE – SPOOL SYMBOL “H” IN CENTRAL POSITION P → T;
4 CURVE – SPOOL SYMBOL “F” IN CENTRAL POSITION P → A;
9 CURVE – SPOOL SYMBOL “F” IN CENTRAL POSITION A → T,
SPOOL SYMBOL “F”, “G” AND “T” IN CENTRAL POSITION
P → T;

SPOOL SYMBOL	FLOW DIRECTION			
	P – A	P – B	A – T	B – T
A; B	3	3	–	–
C	3	3	4	5
D; Y	5	5	6	6
E	1	1	4	4
F	2	3	7	4
G	3	3	6	7
H	1	1	6	7
J	1	1	3	3
L	2	2	3	5
M	1	1	4	5
P	4	2	5	7
Q	1	2	1	3
R	3	6	4	–
T	3	3	6	7
U, V	2	2	3	3
W	2	2	4	5

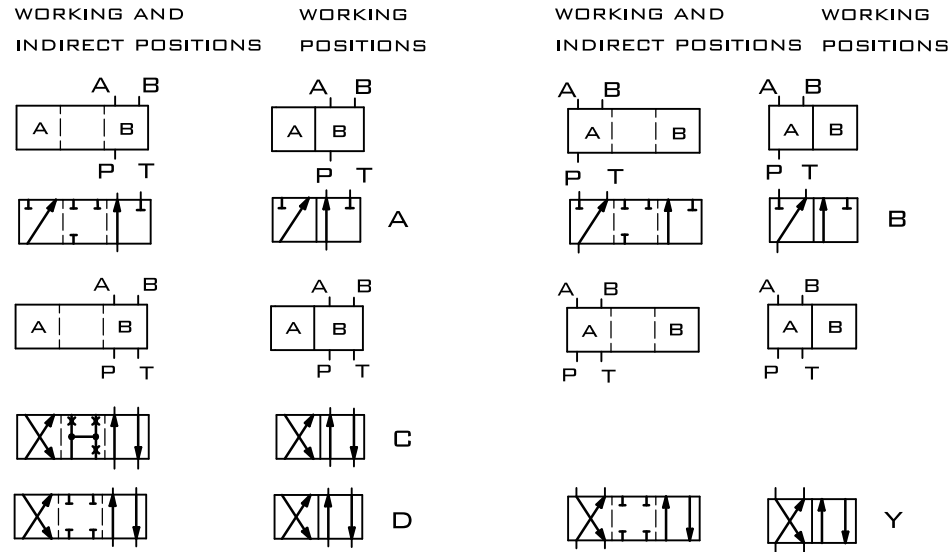
5, 8, 10 CURVES – SPOOL SYMBOL “P” IN
CENTRAL POSITION P → B, B → T AND P → T.

SCHEMES

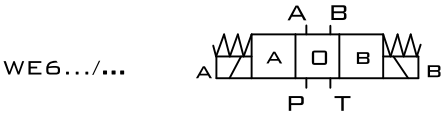
SCHEMES OF 2-POSITION DIRECTIONAL SPOOL VALVES
VERSIONS WITH POSITIONS A, B



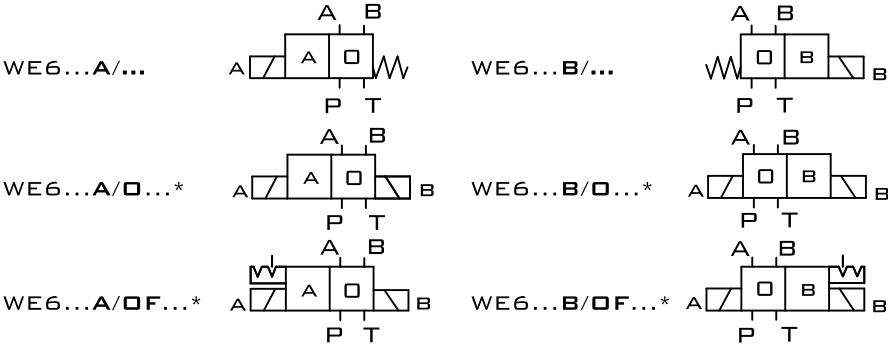
* – VERSIONS AVAILABLE ONLY FOR SPOOL SCHEMES: A, C, D



SCHEMES OF 3-POSITION
DIRECTIONAL SPOOL VALVES



SCHEMES OF 2-POSITION DIRECTIONAL SPOOL VALVES
VERSIONS WITH POSITIONS A, O VERSIONS WITH POSITIONS O, B



* – VERSIONS AVAILABLE ONLY FOR SPOOL SCHEMES: E, G, H, J, E, G, H, J

SEE ALSO:
WE6, WEH

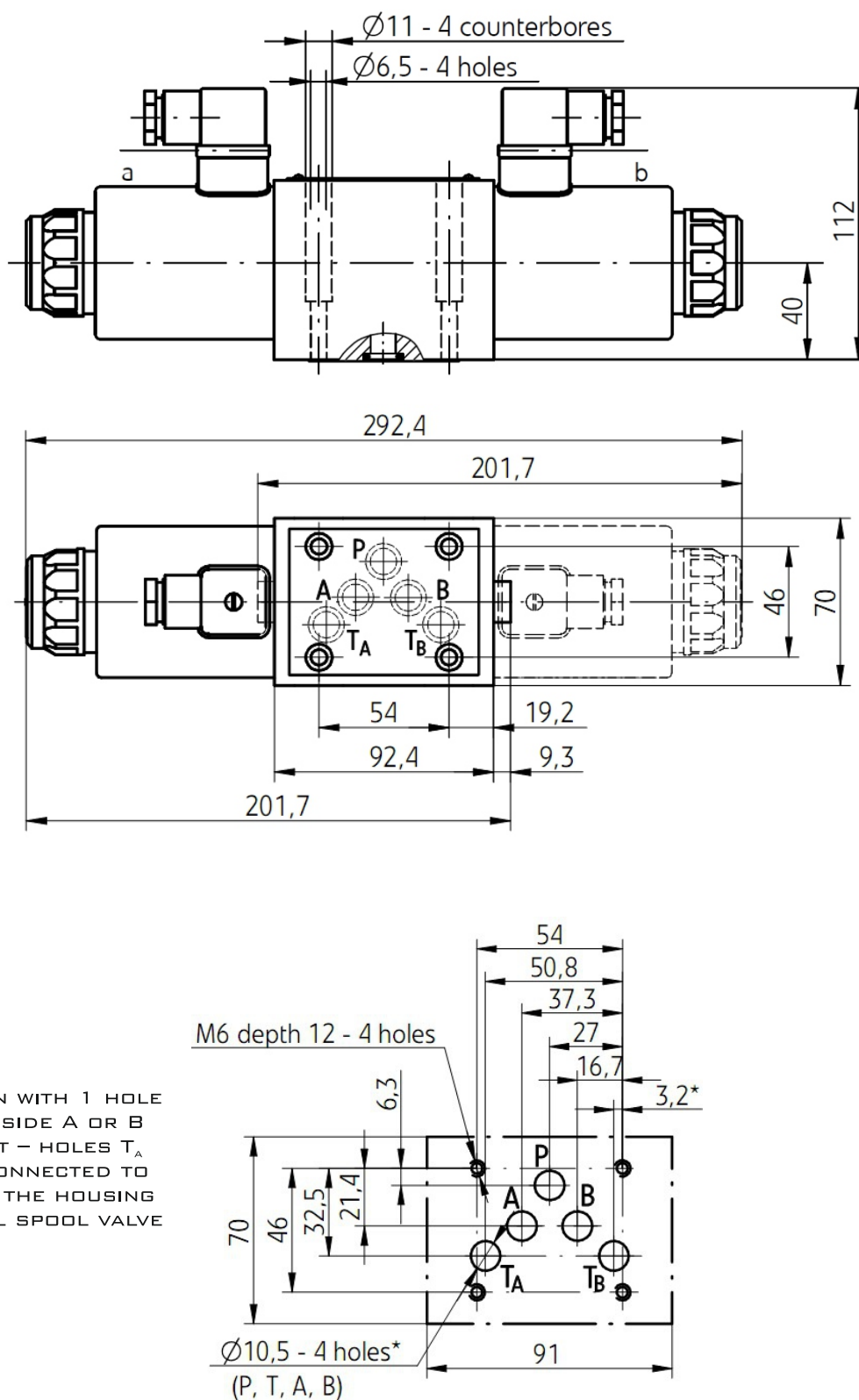


SCHEMES

HYDRAULIC SCHEMES OF SPOOLS

WORKING AND INDIRECT POSITIONS	WORKING POSITIONS	WORKING AND INDIRECT POSITIONS	WORKING POSITIONS	WORKING AND INDIRECT POSITIONS	WORKING POSITIONS

SUBPLATE INSTALLATION DIMENSIONS





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DIRECTIONAL CONTROL VALVES

ORDER CODE

	WE	10				E						
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3=3-WAY
4=4-WAY

10=10 SIZE

SPOOL TYPE

3X=30-39 SERIES

NO CODE=WITH SPRING RETURN
 O=WITHOUT SPRING RETURN
 OF=WITHOUT SPRING RETURN WITH DETENT

E=STANDARD SOLENOID

NO CODE=NBR SEALS
 V=FKM SEALS

Z5L=SQUIRE PLUGS WITH LAMP

NO CODE=WITHOUT THROTTLE INSERT
 B0.8=THROTTLE 0.8 MM
 B1.0=THROTTLE 1.0 MM
 B1.2=THROTTLE 1.2 MM

N9=WITH CONCEALED HAND EMERGENCY

G12=DC12V
 G24=DC24V
 W110R=AC110V
 W220R=AC220V