

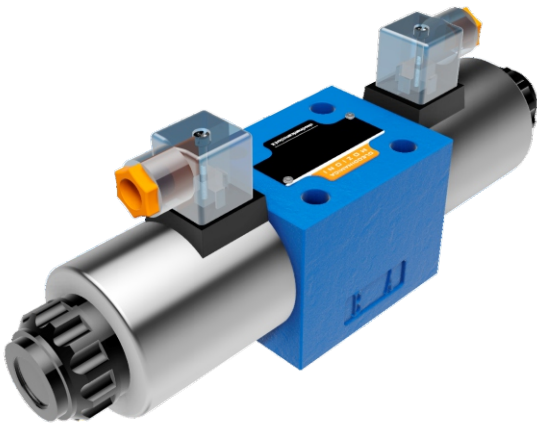


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WE10

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.

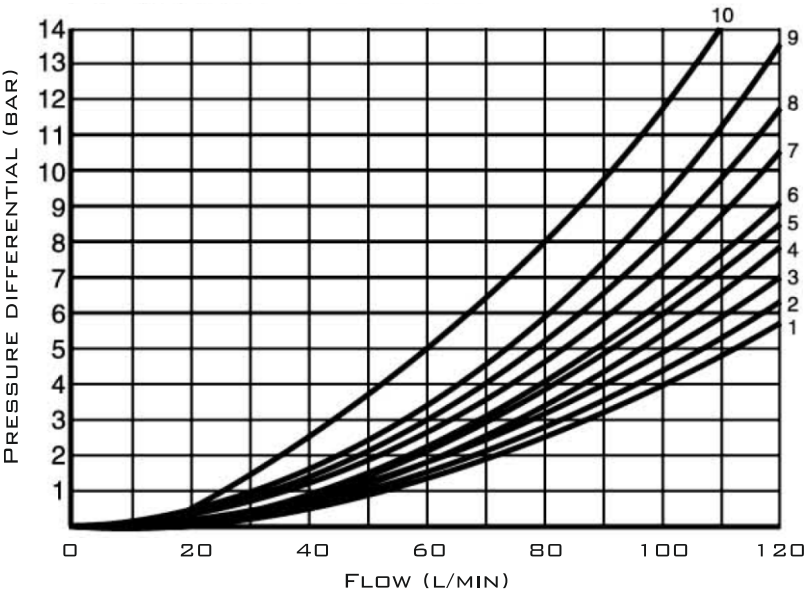


TECHNICAL DATA

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

ΔP -Q CHARACTERISTIC CURVES



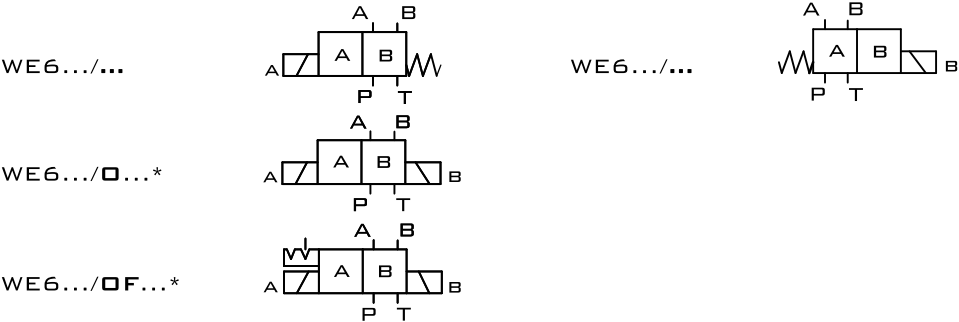
9 CURVE – SPOOL SYMBOL “R” IN SHIFTED POSITION B → A;
3 CURVE – SPOOL SYMBOL “H” IN CENTRAL POSITION P → T;
4 CURVE – SPOOL SYMBOL “F” IN CENTRAL POSITION P → A;
9 CURVE – SPOOL SYMBOL “F” IN CENTRAL POSITION A → T,
SPOOL SYMBOL “F”, “G” AND “T” IN CENTRAL POSITION
P → T;

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.

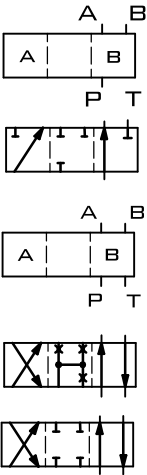
SCHEMES

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

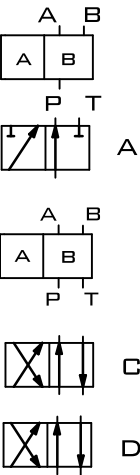


* – VERSIONS AVAILABLE ONLY FOR SPOOL SCHEMES: A, C, D

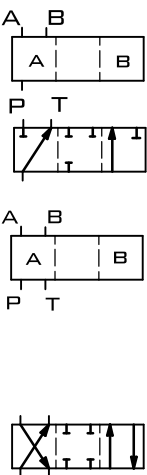
WORKING AND
INDIRECT POSITIONS



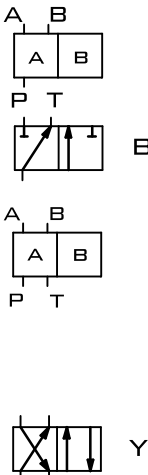
WORKING
POSITIONS



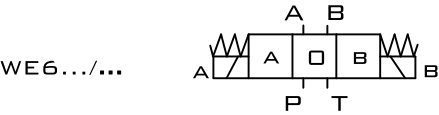
WORKING AND
INDIRECT POSITIONS



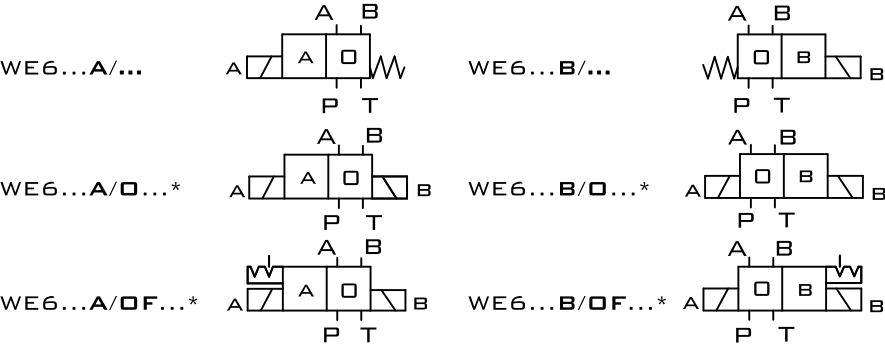
WORKING
POSITIONS



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



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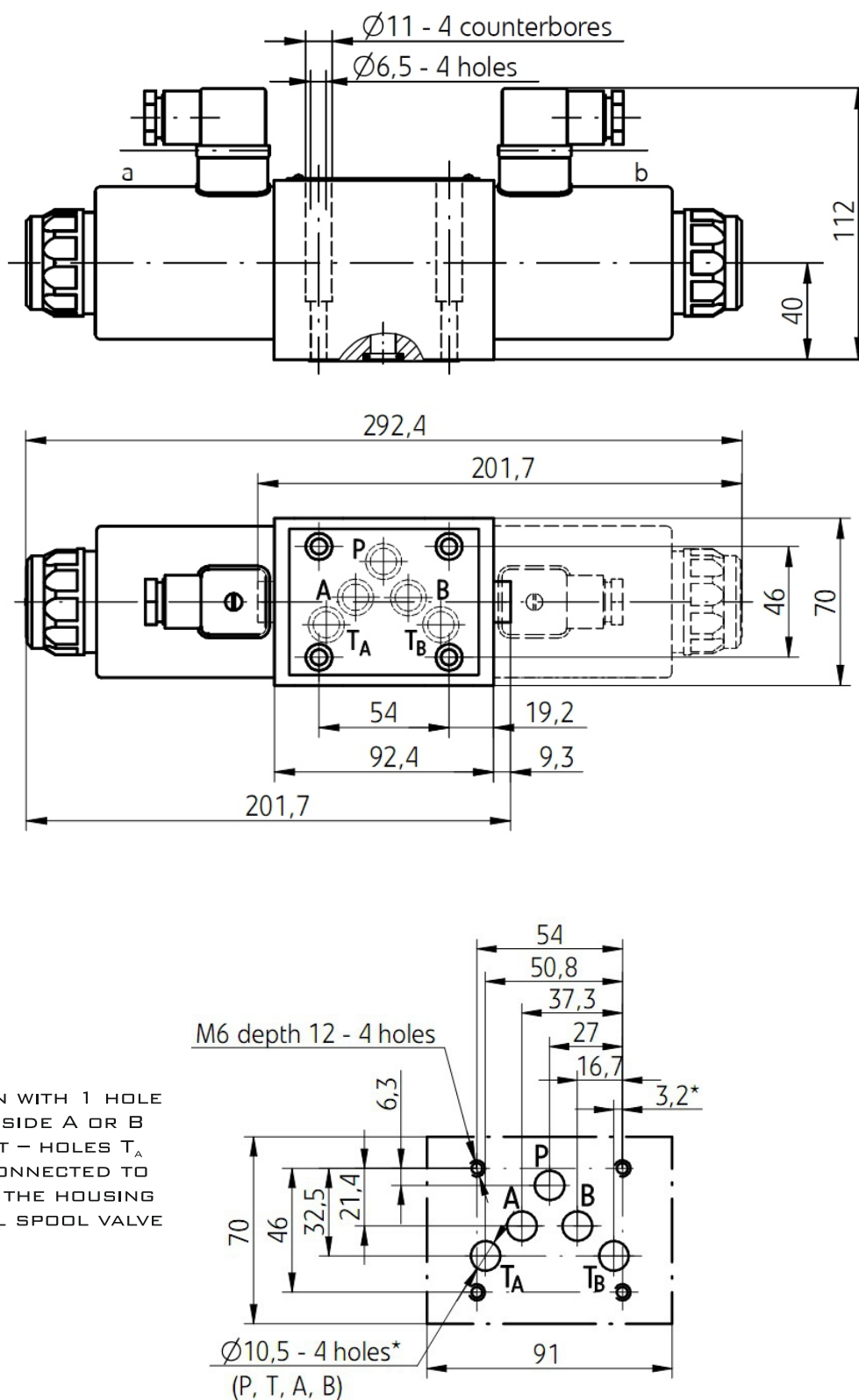
SOLENOID OPERATED
DIRECTIONAL CONTROL VALVES

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



* - CONNECTION WITH 1 HOLE
T FROM PORT SIDE A OR B
IS SUFFICIENT - HOLES T_A
AND T_B ARE CONNECTED TO
THE PORT T IN THE HOUSING
OF DIRECTIONAL SPOOL VALVE

