BADESTNOST AD 6200 Chirpan, Bulgaria, Tel: 00359 416 930 12, Fax: 00359 416 955 34
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directional control valves P120

Распределители гидравлические P120

Description
Назначение и область применения
For starting, controlling and stopping the working fluid between the generator of pressured flow, the consumers a the Tank.Предназначен для изменения направления потока, ограничения давления рабочей жидкости гидролиниях, разгрузки насоса в нейтральной позиции золотников.

Specifications
Основные показатели:

1.Valve monoblock Конструктивное выполнение	моноблок
2.Mounting Крепление	3 bolts M10
3.Pressure connections Присоединительние отверстия	internal thread внутренние резби
4.Ambient temperature Температура воздуха	-40C…+60C
5.Pressure medium Рабочая жидкость	mineral oil based hydraulic oil
6.Viskosity Кинематическая вязкость	12…800 mm²/s permissible range 20…100 mm²/s recommended range
7.Fluid temperature	- 15C…+80C
8.Filtration	Oil contamination 10 to NAS1638
9. Max. operating pressure Давление max. bar	P = 250 bar T = 50 bar A, B = 300 bar
10.Leakage Внутренние потери (A, B – T)	30 cm³/min at 120 bar
11.Nominal flow Разход рабочей жидкости	120 l/min (see “operating” diagram)
12.Spool stroke Ход золотника	± 10 mm, L12 = ± 10 mm +6 mm
13.Actuating force	< 300 N in spool axis direction

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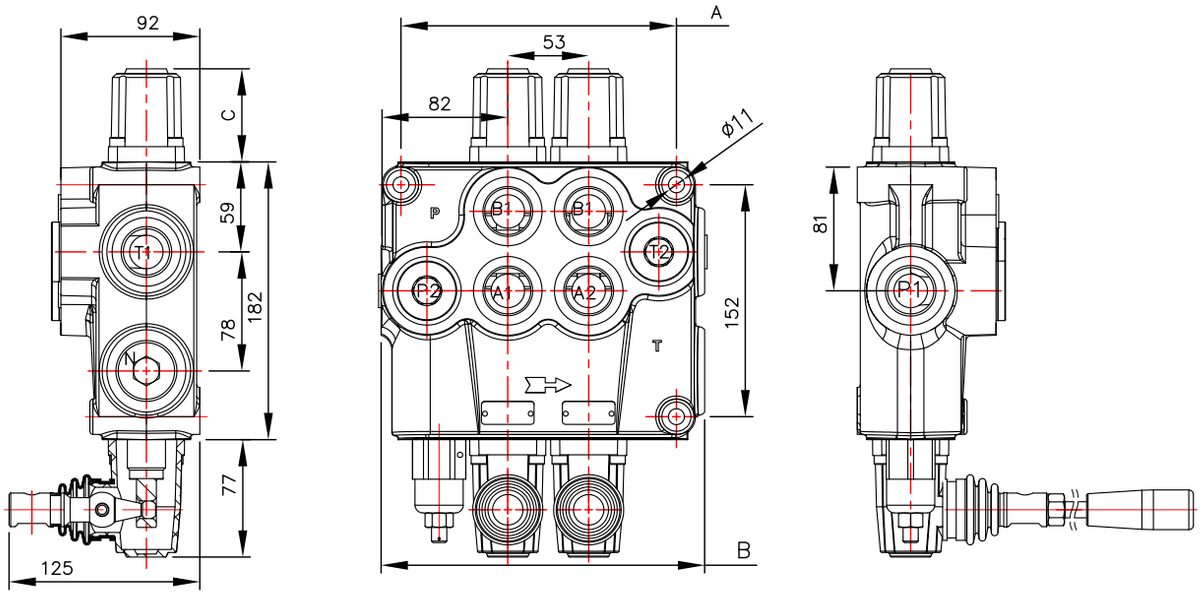

Table 1

	A	B		P1	P2	T1	T2
P120	129	160		+	+	+	+
02P120	182	213		+	+	+	+
03P120	235	266		+	+	+	+
04P120	288	319		+	+	+	+

Table 2

spool control фиксации золотника	C
1; 2, 3, 4; 5; 6; 7; 8; 9; 10; 11;	64
12	74

02 P120 1 A 1 A 1 G KZ1 H E C2 11 ...

- 02 — number of spools (table 3)
- P120 — hydraulic directional control valve P120
- 1 — parallel distribution (parallel) (table 4)
- A — spool type–distribution (table 5)
- 1 — spool control (table 6)
- A — second spool distribution (table 5)
- 1 — second spool control (table 6)
- G — ports threads (table 9)
- KZ1 — lever options (table 10)
- H — operation features (table 8)
- E — electric microswitch (table 7)
- C2 — cary over center (table 11)
- 11 — conection ports in use (table 12)
- ... — there is something else

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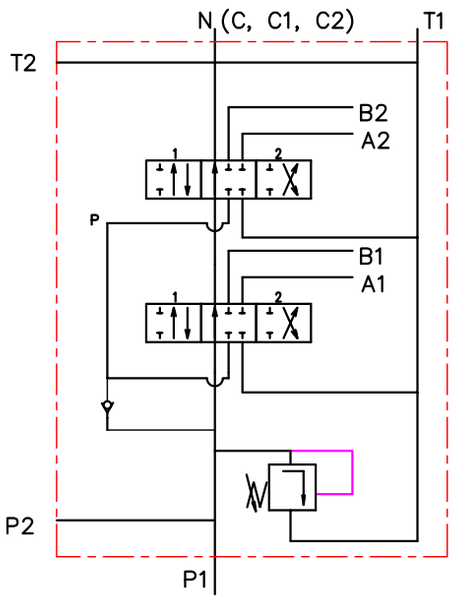
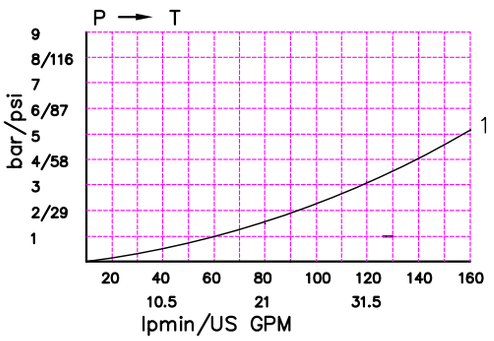
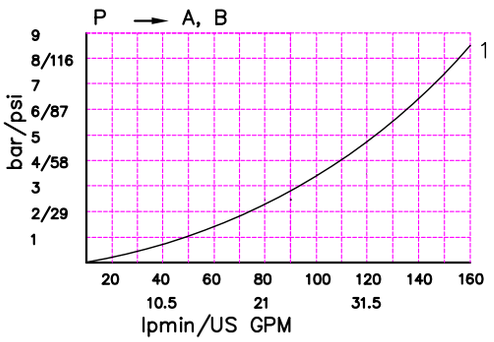
directional control valves P120

Распределители гидравлические P120

02P120 1A1A1







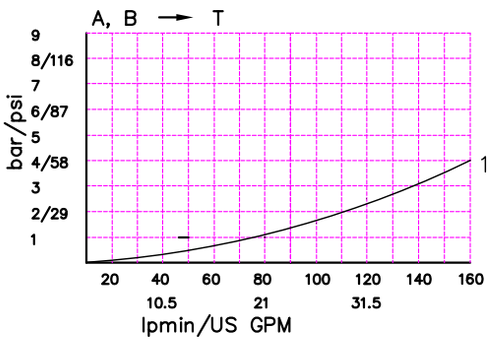


Table 3

code	Number of spools
P120	1
02P120	2

Table 4

code	way of distribution распределение потока
1	parallel ; паралельное

Table 5

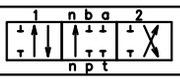
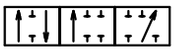
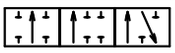
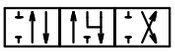
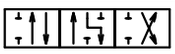
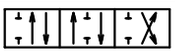
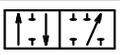
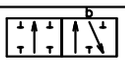
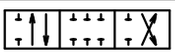
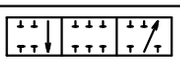
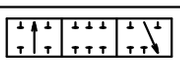
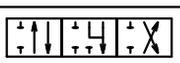
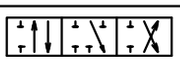
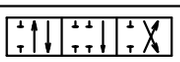
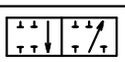
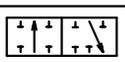
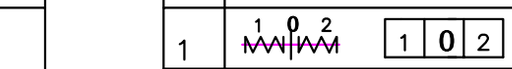
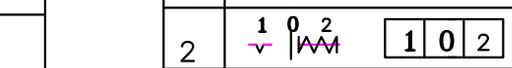
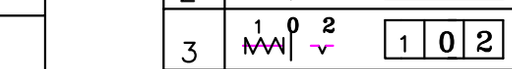
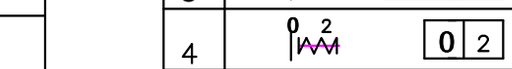
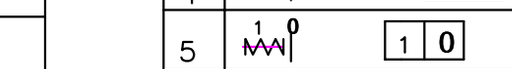
code	spool type
A	
B	
C	
D	
E	
F	
G	
H	
M	
N	
O	
P	
Q	
R	
S	
T	

Table 6

code	spool control
1	
2	
3	
4	
5	
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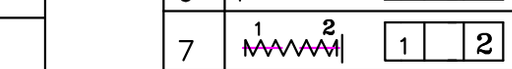
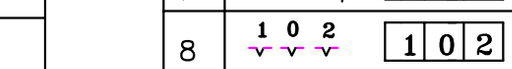
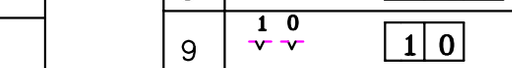
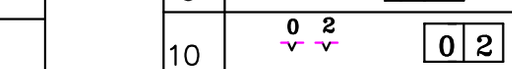
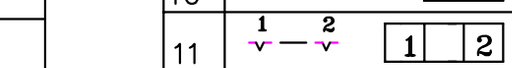
7	
8	
9	
10	
11	

Table 7

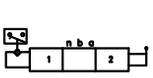
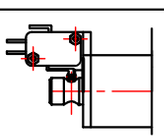
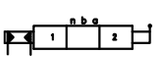
code	с микро шалтер ; incorporated microswitch	
E		mikroswitch type Omron–V 165 I C5 

Table 8

code	другое управление ; operation feature	
P		пневматическое on–off pneumatic contol; 5–10 bar ; ports NPTF 1/8–27
H		гидравлическое on–off hydraulic control ; pn = 5 – 20 bar ; ports G1/4

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treads for conection

Table 9

outlets/ports/	metric	BSP	SAE	
P, A, B, T	M33x2	G 1"	SAE 16	
N	M36x1.5	–	–	–

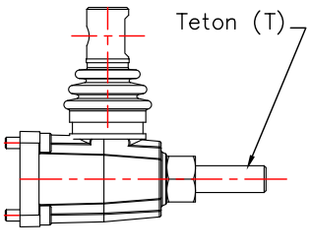
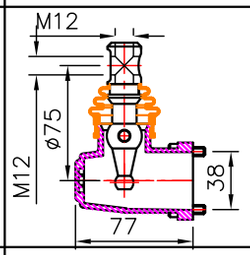
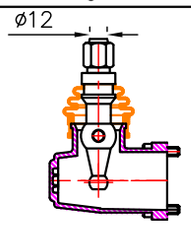
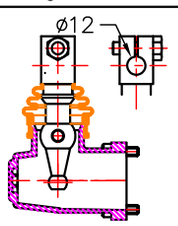
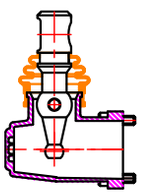
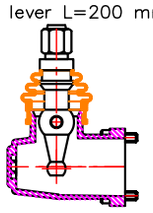
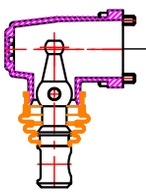
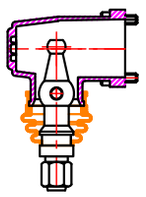
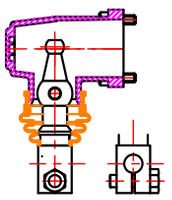
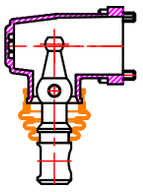
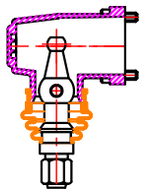
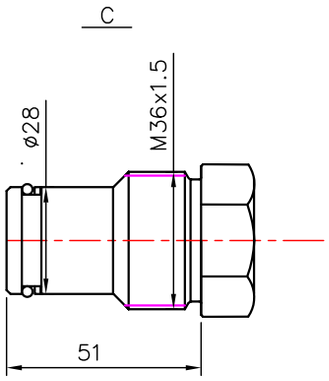


Table 10

code	with thread M12	code	with zange ø12	code	with zange ø12
KZ		KY		KI	
KZ1	with lever L=200 mm 	KY1	with lever L=200 mm 		
KZ0	rotated 180° 	KY0	rotated 180° 	KI0	rotated 180° 
KZ01	with lever L=200 mm 	KY01	with lever L=200 mm 		



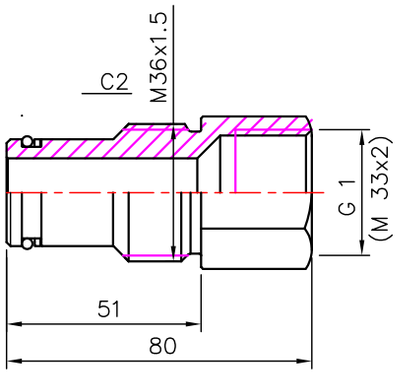


Table 11

code	metric
X	without port N
–	with port N, closed
C	with port N and plug C – closed center
C1	port N – carry over for E0
C2	port N – carry over, internal thread

Table 12

code	ports for connection in uze
11	P1 ; T1
12	P1 ; T2
21	P2 ; T1
21	P2 ; T1

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