

max. operating pressure P=210 bar; A,B=250 bar; T<50 bar
 pressure medium – mineral hydraulic oil
 20 ... 100 mm /s recommended range
 max flow – 100 l/min (see "operating " diagram)
 nominal flow – 80 l/min (see "operating " diagram)
 n – number of sections – max 8

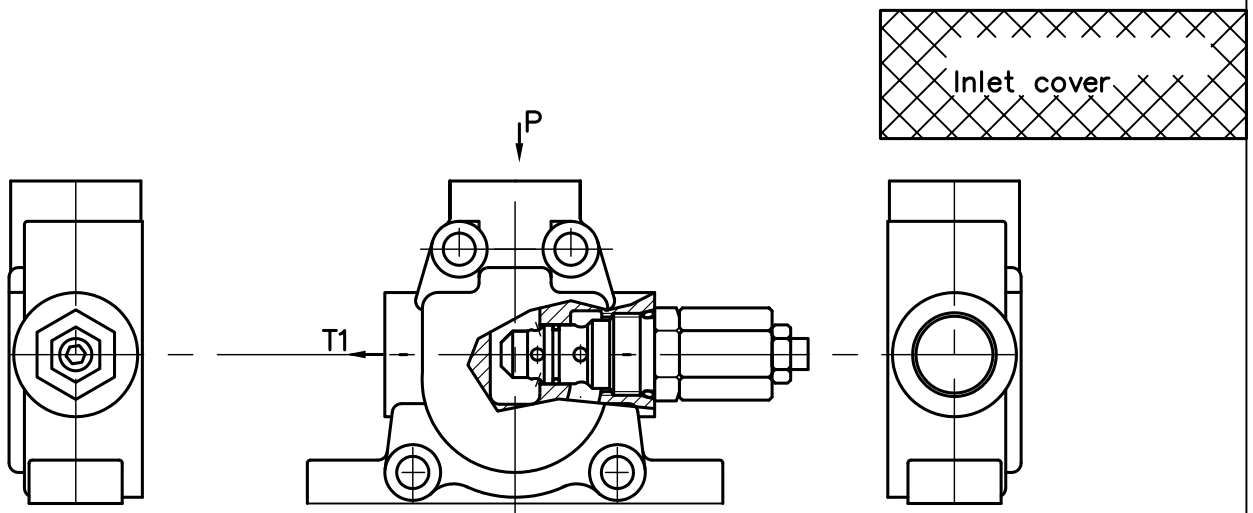
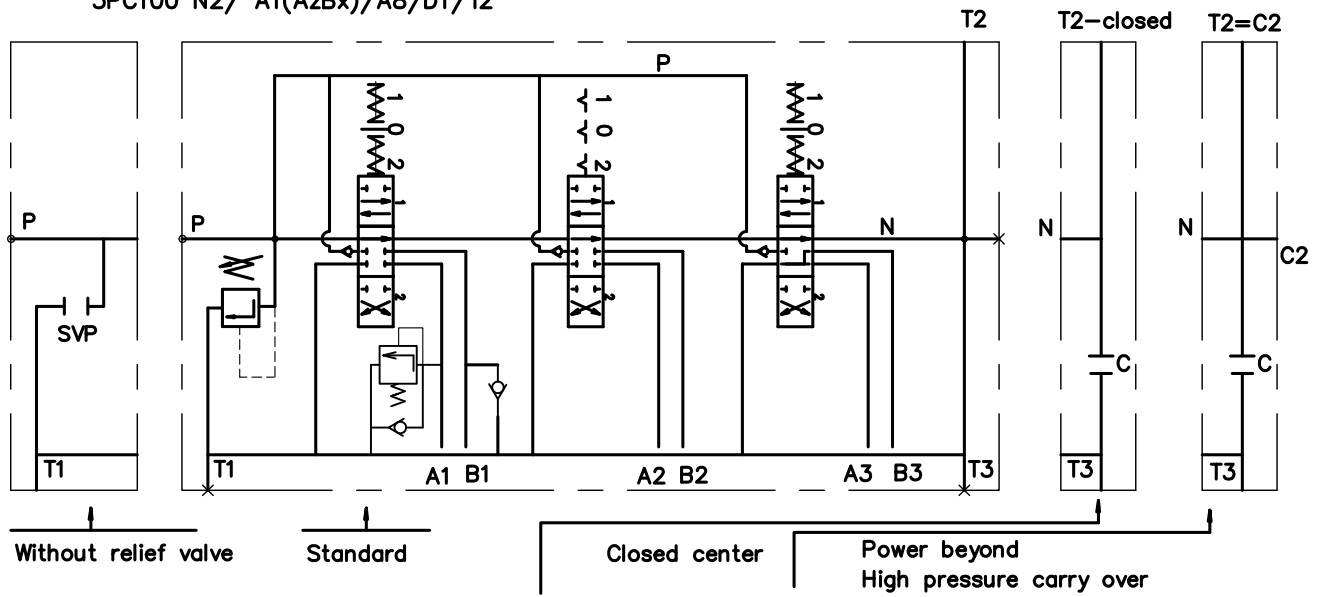
Структура обозначения распределителя
 Order code

3 PC 100 R N2 /A1(AzBx)/ A8/ D1/ T2 / G KZ1 P E C2

number of spools	3
directional control valve	PC
inlet high pressure – right	100
type of the inlet cover	R
first spool distribution type	N2
second spool distribution type	/A1(AzBx)/
third spool distribution	A8
type of the outlet cover (T port)	D1
threads (P, A, B, T, N)	T2 / G
lever options	KZ1
operation feature	P
with microswitch	E
high pressure carry over	C2

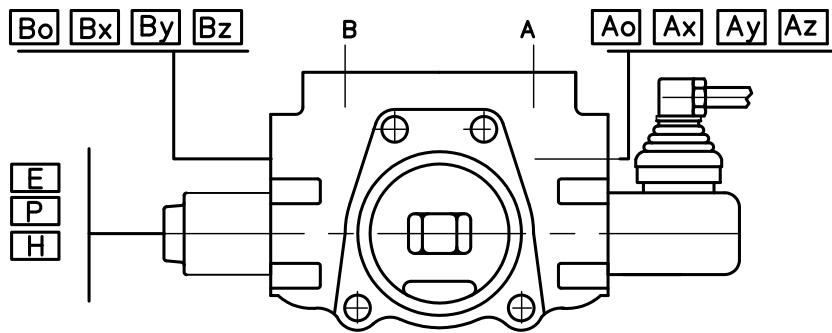
* All detent in operating positions, provided with hydraulic control, have to be ordered explanative.

parallel circuit
3PC100 N2/ A1(AzBx)/A8/D1/T2



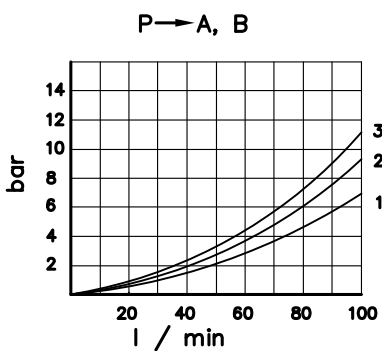
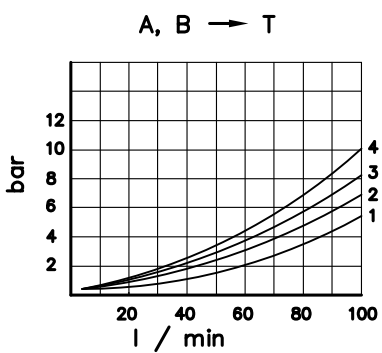
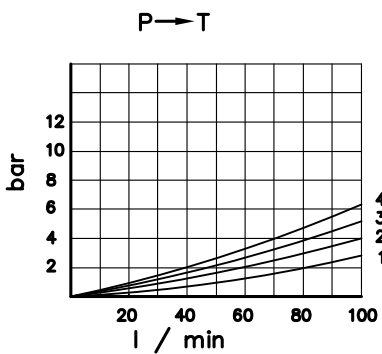
code	inlet cover	
N1	N1 (210 bar)	
N1svp		
N2	N2 (210 bar)	
N2svp		

Directional control valve PC 100



code	spool control		
1	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
2	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
3	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
4	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
5	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
6	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
7	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
8	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
9	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
10	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$
11	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$	$\overline{1} \overline{0} \overline{2}$

code std	code met	spool type
A	As	
B	Bs	
C	Cs	
D	Ds	
E	Es	
F	Fs	
G		
H		



operating diagrams

code	threads			code	threads		
	P, T	A, B	carry over C2		P, T	A, B	carry over C2
G1	G 3/4	G 1/2	G 3/4	S1	SAE 12	SAE 10	SAE 12
G2	G 3/4	G 3/4	G 3/4	S2	SAE 12	SAE 12	SAE 12

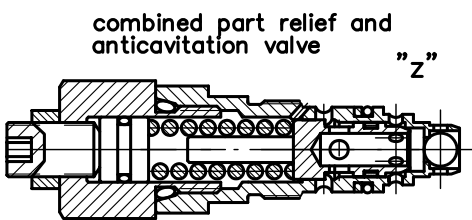
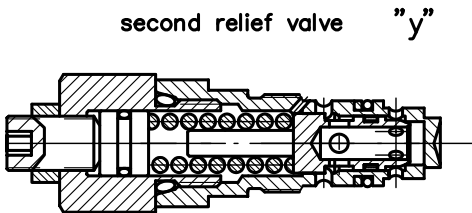
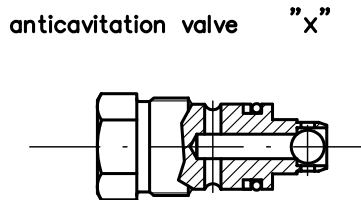
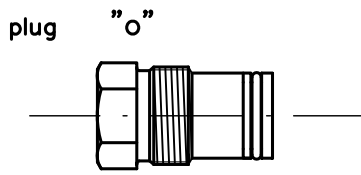
code	with electric switch	
E		Omron - V 165 I C5

code	operation feature	
P		pneumatic pn = 6 bar NPTF 1/8-27
H		hydraulic pn = 6 - 20 bar G 1/4

Ao	Bo	plug for A and/or B (without mark)
Ax	Bx	anti cavitation valve for A and/or B
Ay	By	secondary pressure relief valve for A and/or B
Az	Bz	shockabsorber valve for A and/or B

Directional control valve PC 100

second valves



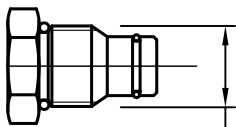
general operation feature

code	feature	code	feature	code	feature
KZ		KY		KI	
KZ1		KY1		KI1	
KZ0		KY0		KI0	
KZ01		KY01		KI01	
without lever system					



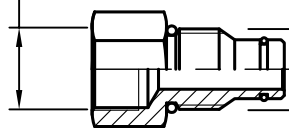
T2
or
(T2=C2) high pressure carry over

closed center
C



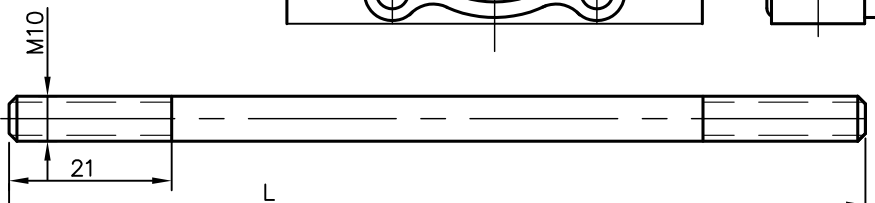
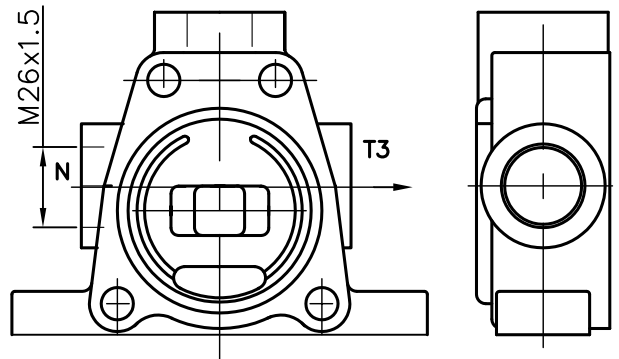
G3/4

carry over
C2



M26x1.5

M26x1.5



*"C" in the port N—plug in T2—closed center
**"C" in the port N—carry over in T2
***"C2"—Plug in the T2— carry over in N

number of spools	1	2	3	4	5	6	7	8
L	145	188	230	275	320	360	405	445