



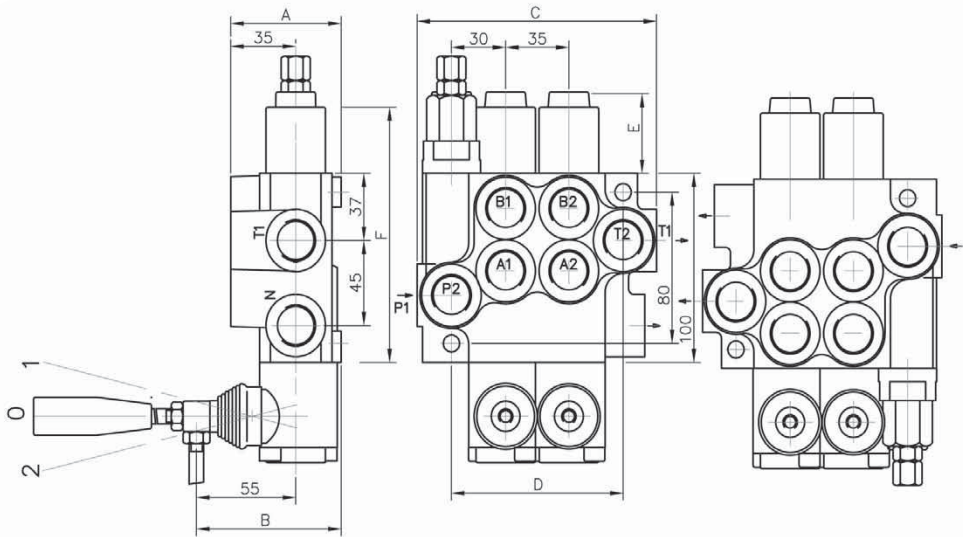
Technical parameters:

Ambient temperature	-40C...+60C
Hydraulic liquid -mineral oil based/hydraulic oil Viscosity	12 ...800 mm ² /s
Fluid temperature	-15C...+80C
Filtration	10 to NAS 1638
Max operating pressure, P=250; T=50 bar	A , B = 300 bar
Leakage(A,B-T)	15cm ³ /min at 120bar
Nominal flow	40 l/min
Spool stroke	6 mm
Actuating force	< 200 N
Modification/ Spools	with 1 to 7

DESCRIPTION: Manually or mechanically controlled hydraulic directional control valve P40 is designed for distribution and control of work flow between generator (pump) and executive mechanisms (cylinder, hydro-motor, etc.). It is manufactured with 1 to 7 plungers, with parallel or serial action, with common or individual back valve for each plunger, with or without safety valve

CONSTRUCTION: P40 is a mono-block distributor. Its body is made of cast iron EN-GJL300. Plungers are made of carburized steel with hard chrome plating.

MOUNTING: The distributor is fixed with two bolts M8



ORDERING CODES

0 2 P40 R 1 A 1 A 1 G KZ1 T H E C2 11

Table 3

block with common check valve -

number of spools

directional control valve type...

inlet high pressure - right

way of distribution / parallel or.../

Table 5
first spool distribution type

spool control / dedant and etc./

second spool distribution type

spool control / dedant and etc./

ports / treads /

Table 10

with "teton"

operation feature / pneumatic,.../

with electric switch

high pressure carry over

connection ports in use	Table 12
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	A	B	C	D	P1	P2	T1	T2
P40	60	80	85	60	+	-	+	-
02P40	60	80	129	97	+	+	+	+
03P40	60	80	164	132	+	+	+	+
04P40	60	80	199	167	+	+	+	+
05P40	60	80	234	202	+	+	+	+
06P40	60	80	269	237	+	+	+	+
07P40	60	80	304	272	+	+	+	+
02P40	60	80	129	97	+	+	+	+
03P40	60	80	164	132	+	+	+	+
04P40	60	80	199	167	+	+	+	+

spool control	E	F
1; 4; 5; 6; 7; 8; 9; 10; 11;	40	193
2; 3;	72	225
16	+	+

code	number of spools
	1
02, 2	2
03, 3	3

code	way of distribution /
1	parallel
2	tandem (parallel series)

Table 5

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

Table 6

code	spool control
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
* 13	
* 16	
** 13R	
** 12	

code	Incorporated microswitch	
E		microswitch type omron-V 165 I C 5

code	operation feature	
P		on-off pneumatic control; 5-10 bar; ports G1/4
H		on-off hydraulic control; pn = 5-20 bar; ports G1/4

code	ports (treads)			
	P	A ; B	T	N
M	M22x1.5	M18x1.5	M22x1.5	M22x1.5
G	G1/2	G3/8	G1/2	G1/2
S	7/8-14UNF	3/4-16UNF	7/8-14UNF	7/8-14UNF

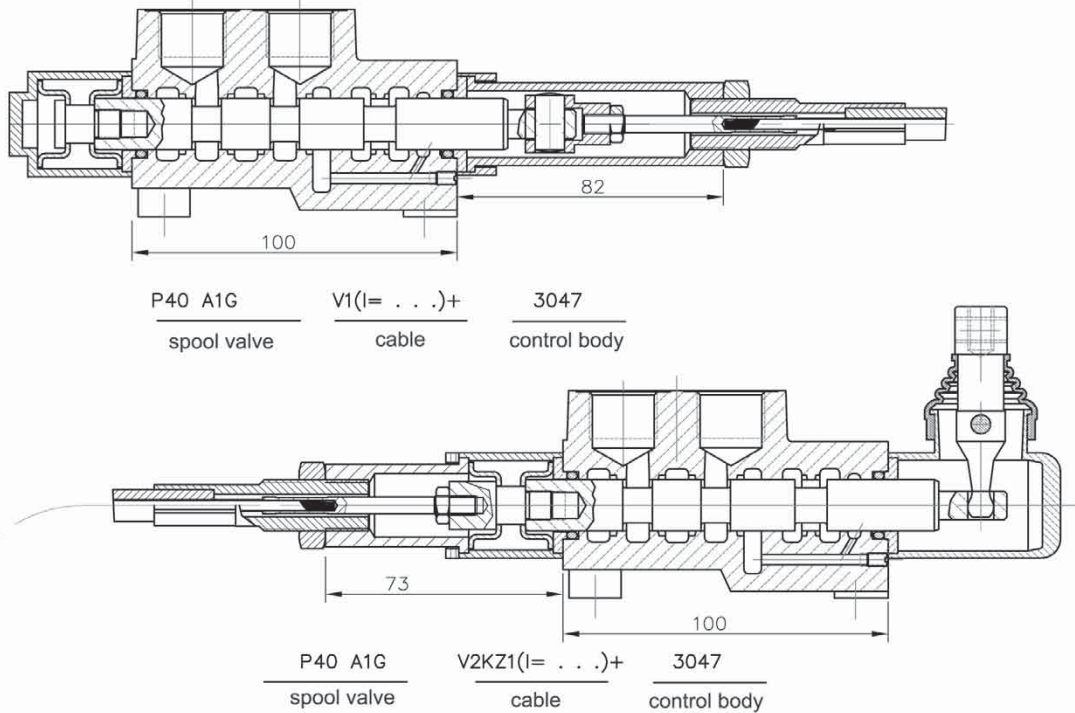
code	closed center	
C		
C1	part for power beyond sleeve (carry over)	M22x1.5
C2	part for power beyond sleeve (carry over)	Ø14 mm M22x1.5
-	without part for pressure carry over	G 1/2
X	power beyond ever to tank	

code	used connection ports	
11	P1 ; T1	
12	P1 ; T2	
21	P2 ; T1	
22	P2 ; T2	

Table 10

code	feature	code	feature	code	feature
KZ		KY		KI	
KZ1		KY1		KI1	
KZ0		KY0		KI0	
KZ01		KY01		KI01	
-	without hand control				

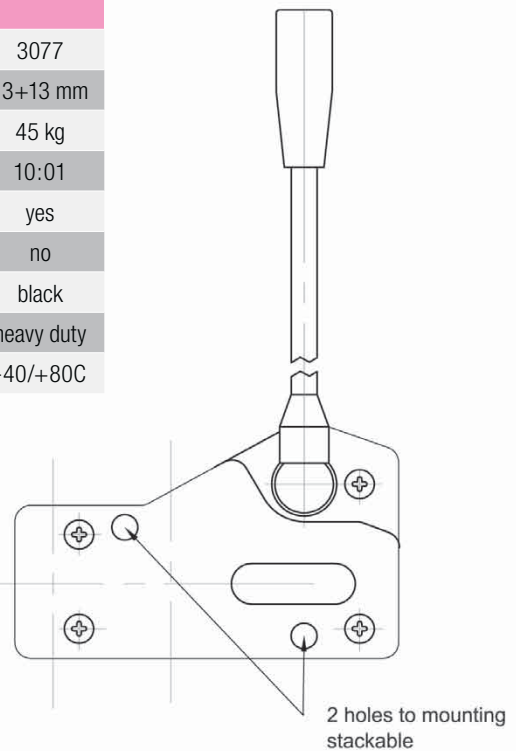
REMOTE CONTROLS



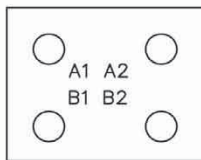
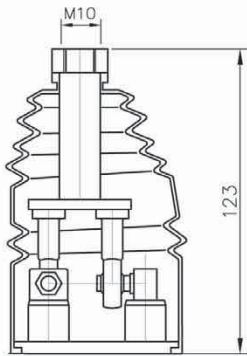
technical specifications

	3047	3076	3077
stroke	13+13 mm	13+13 mm	13+13 mm
max. load	45 kg	45 kg	45 kg
level ratio	10:01	10:01	10:01
lock in neutral	no	no	yes
antireverse lock	no	yes	no
body color	black	black	black
cables type	heavy duty	heavy duty	heavy duty
operating temperature	-40/+80C	-40/+80C	-40/+80C

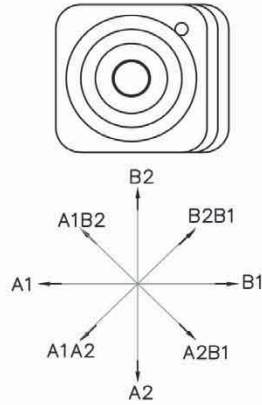
High solidity controls for easy mounting on every type of distributor.
They can bymounted stand alone or packed together.
They use push-pull heavy duty cables that provide a positive smooth
operating lever and are manufactured in a three differents models to meet
different needs of Clients.



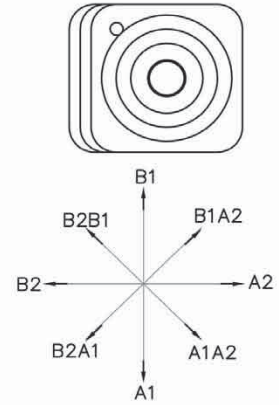
JOYSTICK "++"
his control gives the possibility to
operate, at the same time two spool
with a "++" movement



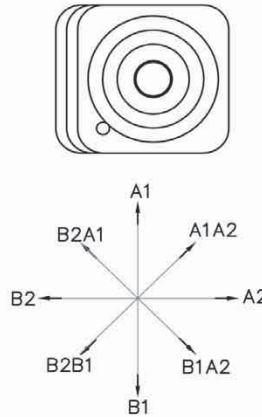
standart versiyon 1



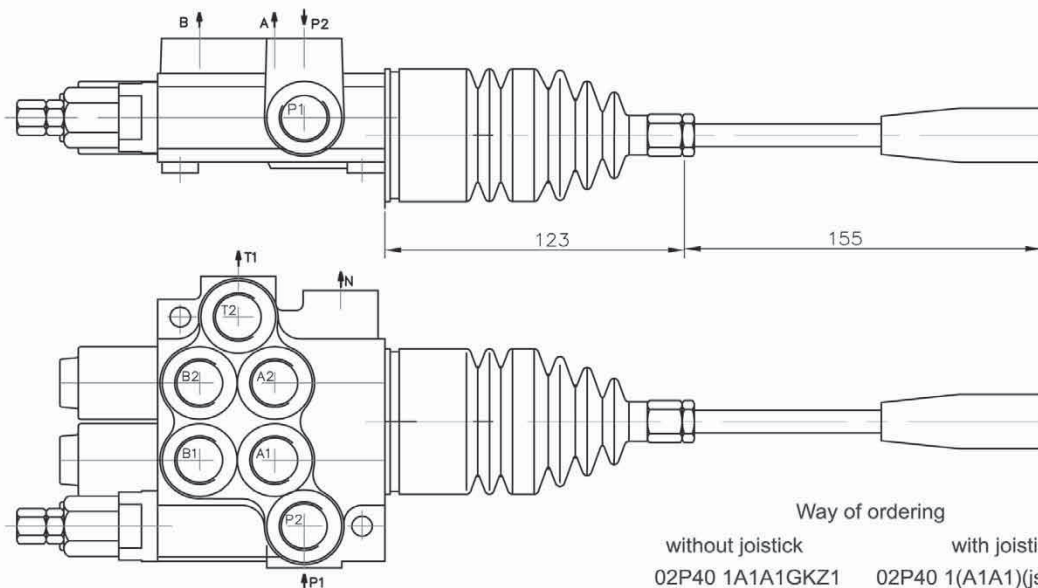
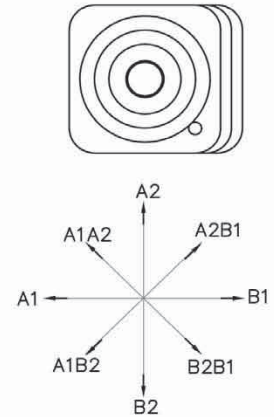
standart versiyon 2



standart versiyon 3



standart versiyon 4



Way of ordering

without joystick

02P40 1A1A1GKZ1

with joystick

02P40 1(A1A1)(js+3)G