

## APPLICATION

Subplates type G... nominal size 10 (NS10) with threaded connections, are designed to mount hydraulic elements with subplate connections nominal size 10 (NS10), without control ports and the diameter of ports max  $\phi$  11,2.



## DESCRIPTION OF OPERATION

Subplates type G... nominal size 10 (NS10) with threaded connections are used to mount directional control valves, pressure valves, check valves with the configuration of holes on the mounting face in accordance with the connections:

- DIN 24340 form A (NG10)
- ISO 4401- 05-04-0-94 (ISO 4401 - 05)
- CETOP RP 121H - 4.2-4-05-320 (CETOP 05)

The range of hydraulic elements, nominal size 10 (NS10) produced by PONAR – WADOWICE that can be used for subplate mounting is included in the below table.

Hydraulic element	Type	Data sheet	Thickness of mounting (dimension in bolt length)
directional control valve, electrically operated	WE10	WK 499 495	40
directional control valve, hydraulically operated	WH10	WK 420 180	40
directional control valve, hand lever operated	WMM10	WK 420 180	40
directional control valve, hand knob operated	WMD10	WK 420 180	40
pressure reducing valve, sandwich plate	UZRC10	WK 494 721	70
pressure sequence valve, sandwich plate	UZKC10	WK 493 720	70
check valve, sandwich plate	WZZC10	WK 450 367	40
double check valve, pilot operated	ZZS10	WK 450 309	50
double check/throttle valve, sandwich plate	ZZFS10	WK 450 233	34
pressure switch (with subplate UŁBC 10)	USPH4	WK 450 398	8 (USPH4) + 41 (UŁBC10)
pressure relief valve	UZPR10	WK 497 100	37

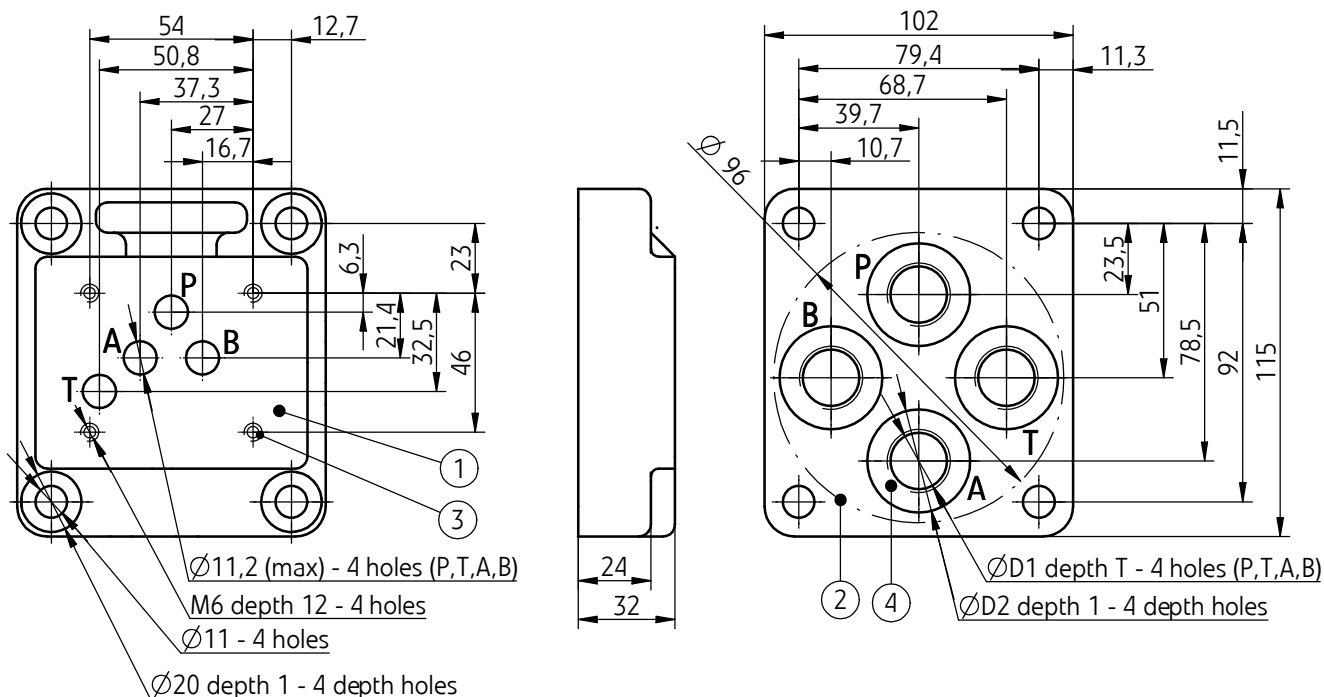
## HOW TO ORDER

Subplates type G... nominal size 10 should be ordered according to the type designation and including sizes of thread connections of pipelines (see page 2). Bolts mounting hydraulic elements M6 - 10.9 x ... in accordance with PN -EN ISO 4762 - 4pcs/kit

(length dependent on type and number of elements sandwich mounted) should be ordered separately. Coding example of subplate type G... nominal size 10 with thread connection G3/8: Subplate type G 66/01

## OVERALL AND CONNECTION DIMENSIONS

type: G89/01, G66/01, G67/01, G67/02



- 1 - Mounting face of hydraulic element (directional control valve or pressure valve)
- 2 - Recess in subplate for couplings of pipelines
- 3 - Holes of bolts mounting elements  
mounting bolts M6 x ... - 10.9 in accordance with  
**PN - EN ISO 4762** - 4 pcs/kit must be ordered separately  
 bolts length is dependent on hydraulic elements type  
 which can be sandwich mounted according to the table  
 on page 1  
 tightening torque **Md = 15 Nm**
- 4 - Connections for pipelines  
function of ports P, T, A, B:  
**P** - pump connection  
**T** - oil return to the tank  
**A, B** - connections for a receiver

Subplate	φ D1	T	φ D2	Weight
G89/01	G1/4	12	25	2,3 kg
G66/01	G3/8	12	28	
G67/01	G1/2	14	34	
G67/02	M22 x 1,5	17	36	

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