

Многоместные плиты Ду10 алюминиевые

Serial Plates with Side Ports for ISO 4401-05 Valves

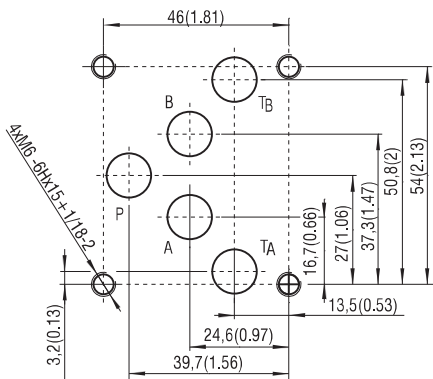
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PD10

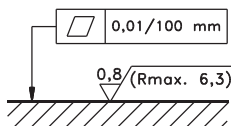
Size 10 (D05) • p_{max} 250 bar (3600 PSI)



ISO 4401-05-04-0-05



Ports P, A, B, T - max $\varnothing 11.2$ mm (0.44 in)



Required surface quality of the counterpart

Technical Features

- › Designed to connect in parallel two or more ISO 4401-05 (CETOP 05) valves to build compact hydraulics on each axis vertically
- › Stackable models (version Z6 and Z10) with mounting interface for ZB06 or ZB10 hydraulic power unit.
- › Flexible design of various stackable plates enables simple creation of circuits without the use of pipes and fittings.
- › Maximum 6 parallel modular valve sections may be installed. Maximum flow rate can be increased up to double the output if the sub-plates are powered at both ends.
- › Serial plates are available in aluminium. For other material consult our technical department for their identification and feasibility.
- › Includes mounting stud kits for plate assembly
- › In the standard version, the aluminium serial plate is without surface protection

Technical Data

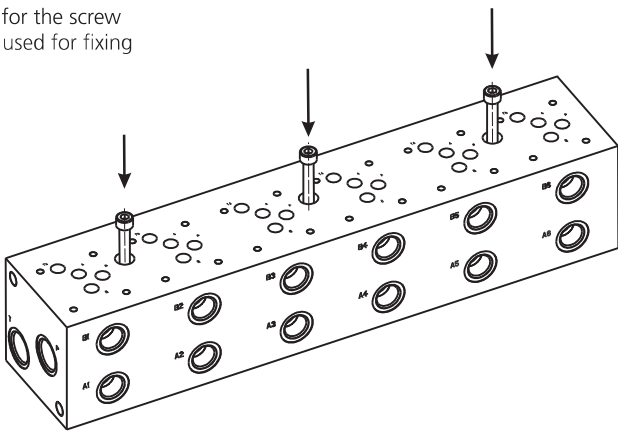
Modular valves mounting surface		10 (D05)
Max. operating pressure (aluminium)	bar (PSI)	250 (3630)
Port threads (depending on model)		see table
Weight (depending on model)	kg (lbs)	see table
	Data Sheet	Type
General information	GI_0060	Products and operating conditions
Mounting surface	SMT_0019	Size 10 (D05)
Studs and nuts for vertical stacking assemblies		HA_0020

Functional Description

Design version NS (Not Stackable)

The plates of design version NS have from 1 up to 6 sections. They can be used only separately because they do not have any holes for studs. Outputs P1, T1, P, T on both sides have a countersink for a sealing ring.

NS plates have vertical holes for M8 screws. The holes have a countersink for the screw head on one side and connecting M10 thread on the other side. They are used for fixing the plates to a base or a frame.



Six-section plate PD10-NS-A6/G10Al.

The plate can be fixed to a base or a frame with M8 or M10 screws.

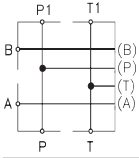
Serial plates for ISO 4401-05 (CETOP 05) valves

Nominal size

Design version
Non stackable

Functional symbol (section)

A



Number of sections

1 section

2 sections

3 sections

4 sections

5 sections

6 sections

1

2

3

4

5

6

PD10 - [] - [] - [] / [] - AL - [] - []

NS

AL

AI

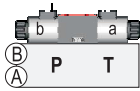
Surface treatment
No designation
aluminium plate without treatment

No designation
N

Seals
without seal rings
NBR

Material
aluminium

Side location for A and B consumer ports, and valve position

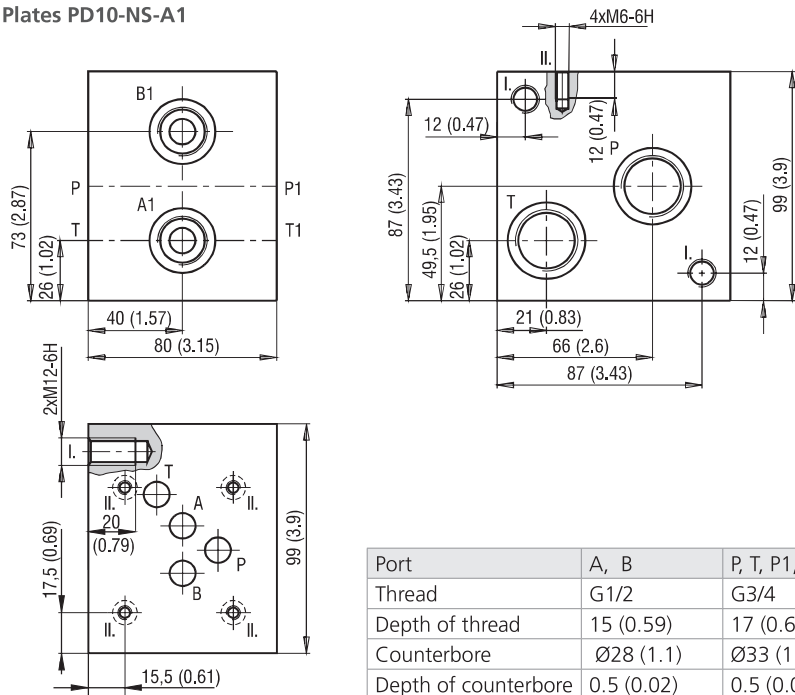


Design version

Port threads					
Designation	P	T	A	B	Used for version
G8	G3/8	G1/2	G1/2	G1/2	Z6
G9	G1/2	G1/2	G1/2	G1/2	Z10, BAS
G10	G3/4	G3/4	G1/2	G1/2	NS

The standardised PD plates, listed in this data sheet, are available. For other plate versions contact our technical department for their identification and feasibility.

Plates PD10-NS-A1

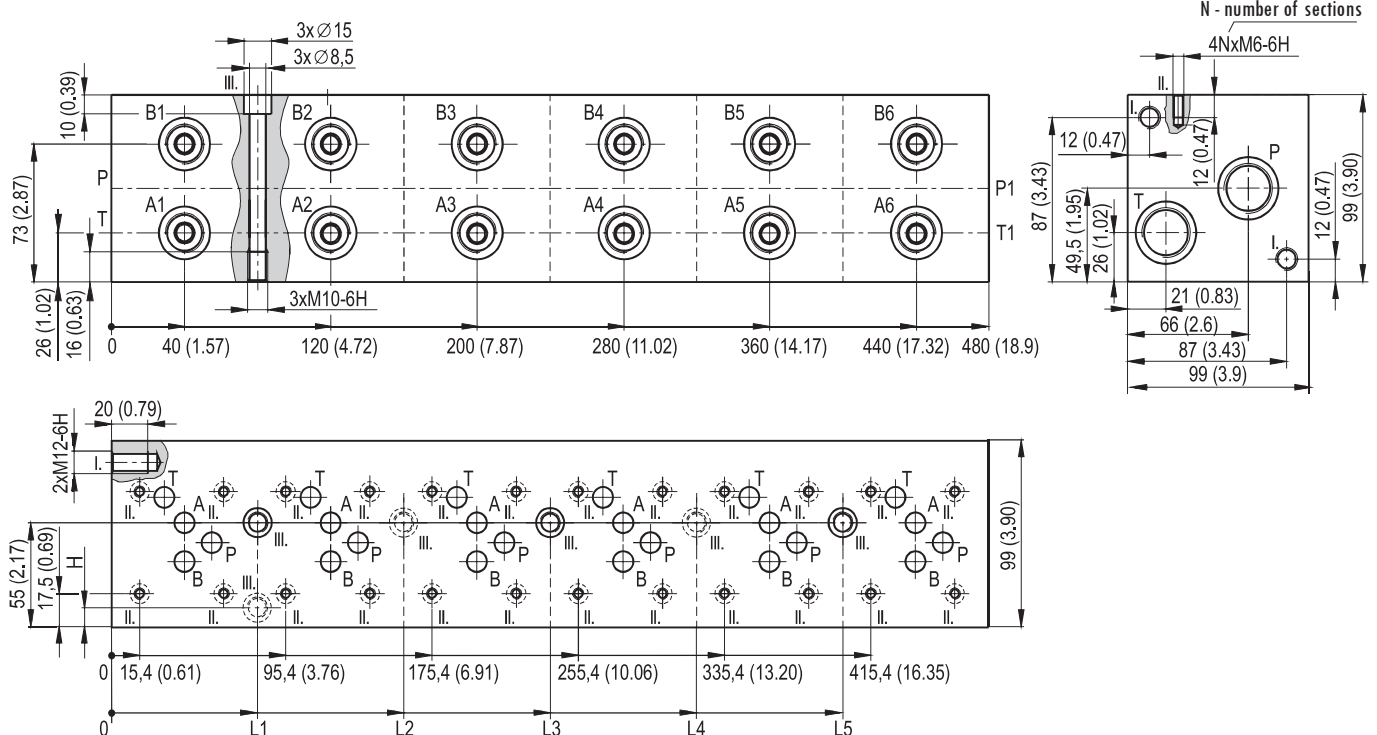


List of standardised types

Design version	Plate - type	SAP
NS	PD10-NS-A1/G10AI-AL	16108400
	PD10-NS-A2/G10AI-AL	16108500
	PD10-NS-A3/G10AI-AL	16108600
	PD10-NS-A4/G10AI-AL	16108700
	PD10-NS-A5/G10AI-AL	16108800
	PD10-NS-A6/G10AI-AL	16108900

Port	A, B	P, T, P1, T1
Thread	G1/2	G3/4
Depth of thread	15 (0.59)	17 (0.67)
Counterbore	Ø28 (1.1)	Ø33 (1.3)
Depth of counterbore	0.5 (0.02)	0.5 (0.02)

Plates PD10-NS-A2 A6



Number of sections	L1	L2	L3	L4	L5	H	Weight of plates kg [lbs]
PD10A1-AL						10	2.32 (5.11)
PD10A2-AL	80	-	-	-	-	-	4.48 (9.88)
PD10A3-AL	80	160	-	-	-	-	6.62 (14.59)
PD10A4-AL	80	-	240	-	-	-	8.85 (19.51)
PD10A5-AL	80	-	240	320	-	-	11.03 (24.32)
PD10A6-AL	80	-	240	-	400	-	13.21 (29.12)