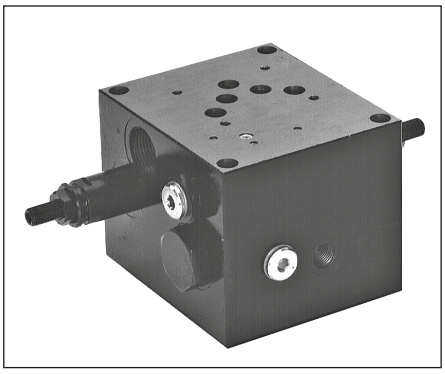
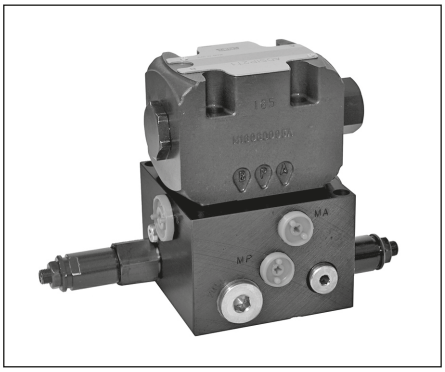
	ABBREVIATIONS
AP	HIGH PRESSURE CONNECTION
AS	PHASE LAG (DEGREES)
BP	LOW PRESSURE CONNECTION
C	STROKE (MM)
CH	ACROSS FLATS
Ch	INTERNAL ACROSS FLATS
DA	AMPLITUDE DECAY (DB)
Dp	DIFFERENTIAL PRESSURE (BAR)
F	FORCE (N)
I%	INPUT CURRENT (A)
M	MANOMETER CONNECTION
NG	KNOB TURNS
OR	SEAL RING
P	LOAD PRESSURE (BAR)
PL	PARALLEL CONNECTION
Pr	REDUCED PRESSURE (BAR)
Q	FLOW (L/MIN)
Qp	PUMP FLOW (L/MIN)
SE	ELASTIC PIN
SF	BALL
SR	SERIES CONNECTION
X	PILOTING
Y	DRAINAGE

LOW / HIGH PRESSURE UNITS



BA60...	SECT. I 2
BA130...	SECT. I 5
BSC569...	SECT. I 7

SPECIAL SUBPLATE MOUNTINGS WITH AUTOMATIC EXCLUSION REGENERATING CIRCUIT

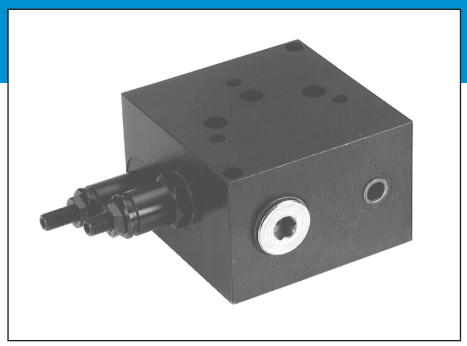


BS5RGA...	SECT. I 8
BS5RIA...	SECT. I 8
AD5IP2T1	SECT. A 50

I

© 2026 Dana Limited. All rights reserved.
The product images and drawings shown are for illustration purposes only and may not be an exact representation of the product.
We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.
Each product configuration listed below is subject to availability: please contact Sales Dpt. for more commercial detailed info.

BA60... LOW / HIGH PRESSURE UNITS



BA60...		
BA06/10...	SECT. I	3
CMP10...	SECT. F	30
BC0630/32... / BC0640...	SECT. F	15
BC530/32...	SECT. F	26
BC540...	SECT. F	25
CETOP 3/NG06	SECT. A	7
CETOP 5/NG10	SECT. A	35

The low/high pressure groups are usually employed in hydraulic systems fed by dual pumps that form a single pressure circuit.

The main feature of this system consists in being able to set a pressure value in correspondence of which one of the two pumping sections is changed over to drain.

Max. flow	60 l/min
Max. operating pressure	320 bar
Fluid viscosity	10 ÷ 500 mm²/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight	see "overall dimensions"

These groups are fitted with an adjustable maximum pressure valve to protect the hydraulic system.
3 pressure adjustment ranges are available for the exclusion valve, which is fitted with cast iron or steel seat, while the maximum pressure valve type CMP10 is available with 3 adjustment ranges.

Minimum permissible setting pressure depending on the spring: see cartridge valve type CMP10.

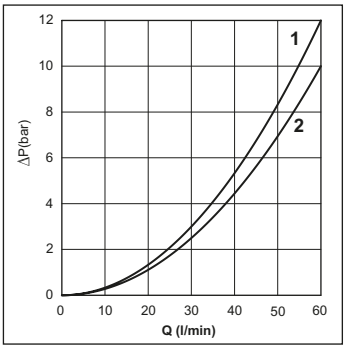
The series connection modular small block (BC0632/BC532) or the parallel connection type (BC0630/BC530) with blanking plate (BC0640/BC540) and the solenoid valve should be ordered separately.

For the subplate mounting ordering code see "Subplates" chapter; whilst for the valve ordering code see "Directional control valves" chapter.

The CETOP3/NG06 connector blocks have 2 rods, the CETOP5/NG10 have 3 rods.

BC1006 = reduction plate to be used only for assembly of modular blocks CETOP3/NG06.

PRESSURE DROPS



Curve	1= BP ←P 2 = BP ←T

ORDERING CODE

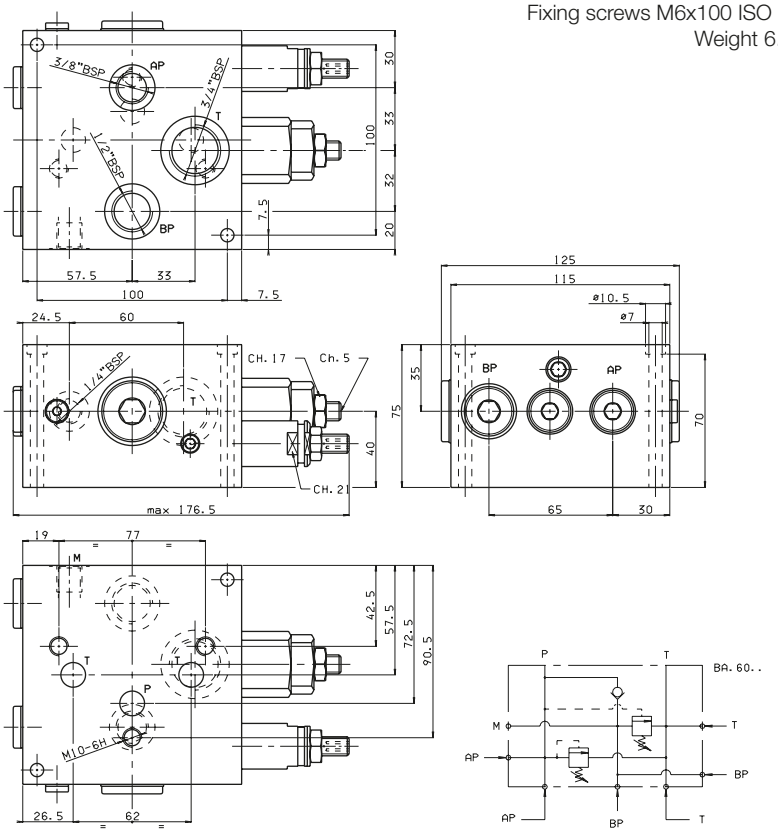
BA	Low/high pressure base
60	Capacity l/min
U*	TDouble pump exclusion valve setting **2** = max. 30 bar **3** = max. 75 bar **4** = max. 100 bar
C	Type of adjustment: grub screw
*	Max. pressure valve setting **1** = max. 50 bar **2** = max. 150 bar **3** = max. 320 bar
**	**00** = No variant **V1** = FKM
1	Serial No.

MODULE ORDERING CODE

BA	Subplate mounting
**	**06** = CETOP 3/NG06 **10** = CETOP 5/NG10
**	Type of module: **62** = side CETOP interface **66** = top CETOP interface **68** = with upper threaded connectors (only for CETOP 5)
**	**00** = No variant **V1** = FKM
1	Serial No.

OVERALL DIMENSIONS AND HYDRAULIC SYMBOL

Fixing screws M6x100 ISO 4762
Weight 6.6 Kg

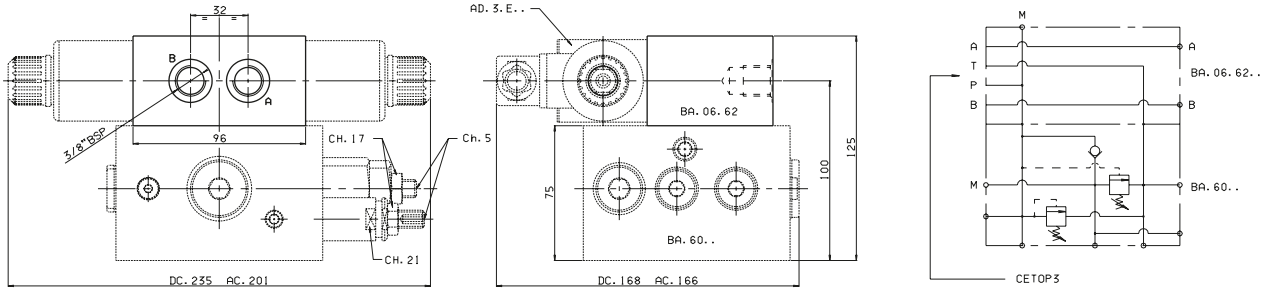


In series connection the last block at the top, must be connected in parallel (BC0630) only for mounting CETOP3/NG06 modular valves.

OVERALL DIMENSIONS AND HYDRAULIC SYMBOLS

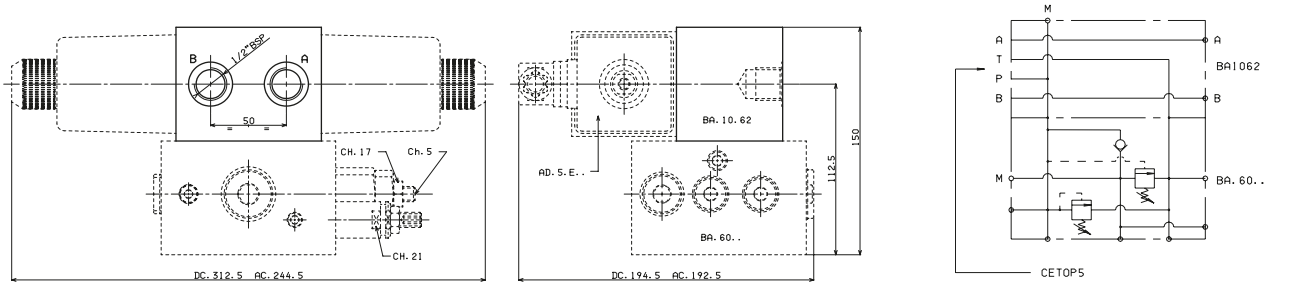
SIDE MOUNTING FOR SINGLE SOLENOID VALVE CETOP3/NG06 (CONNECTOR BLOCK BA.06.62)

Fixing screws M10x55 ISO 4762 - Weight 2 Kg



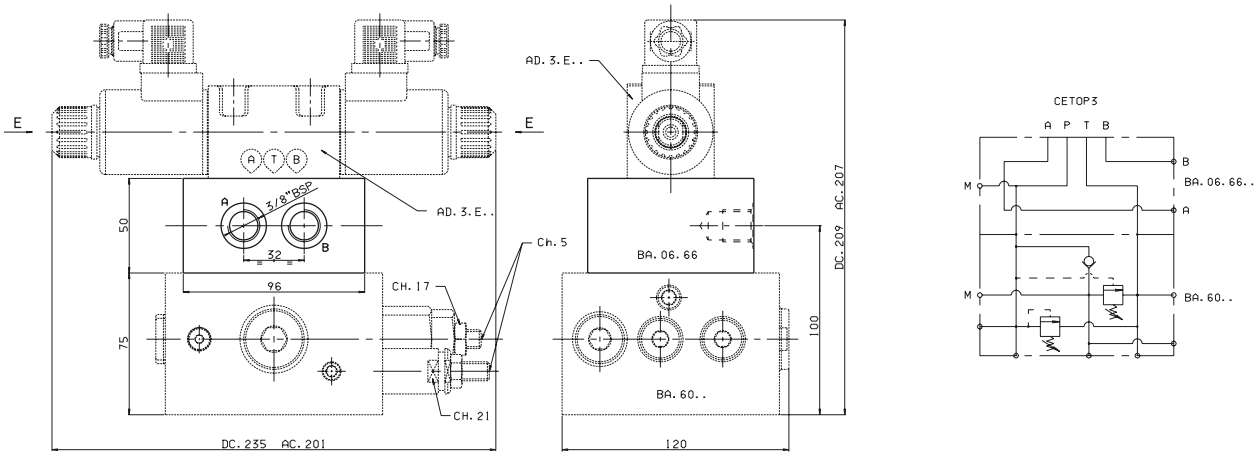
SIDE MOUNTING FOR SINGLE SOLENOID VALVE CETOP5/NG10 (CONNECTOR BLOCK BA.10.62)

Fixing screws M10x80 ISO 4762 - Weight 3 Kg



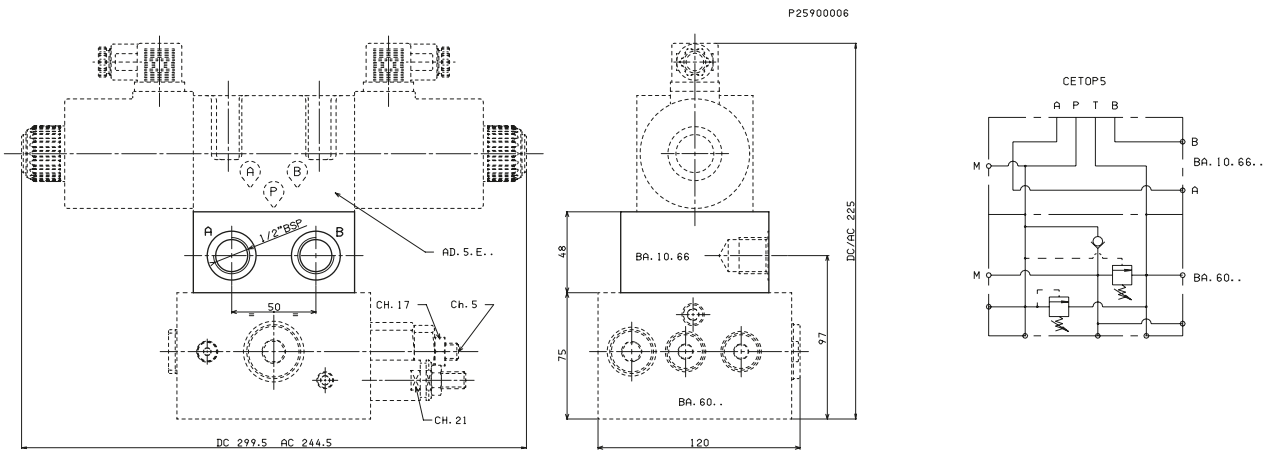
TOP MOUNTING FOR SINGLE SOLENOID VALVE CETOP3/NG06 (CONNECTOR BLOCK BA.06.66)

Fixing screws M10x50 ISO 4762 - Weight 2.5 Kg



TOP MOUNTING FOR SINGLE SOLENOID VALVE CETOP5/NG10 (CONNECTOR BLOCK BA.10.66)

Fixing screws M10x50 ISO 4762 - Weight 2.4 Kg

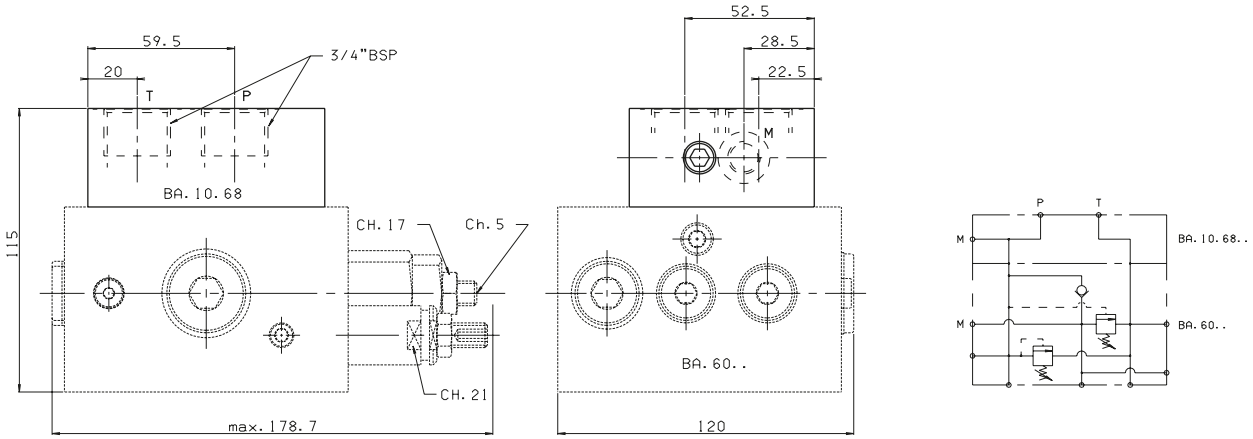


I

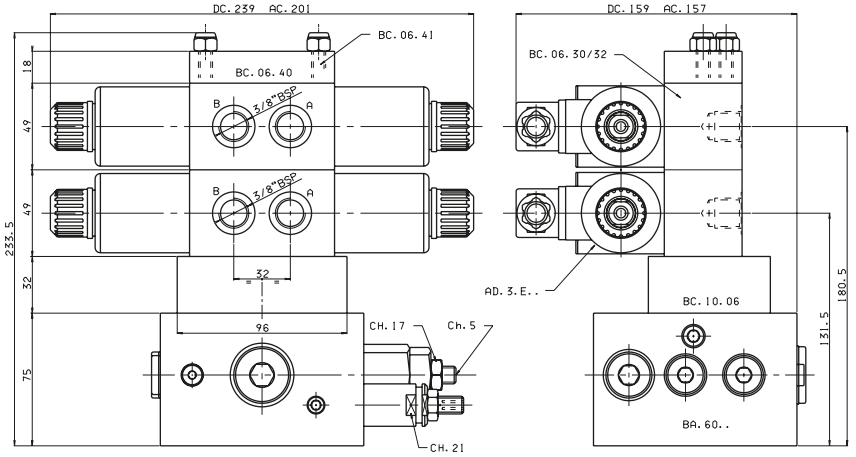
OVERALL DIMENSIONS AND HYDRAULIC SYMBOLS

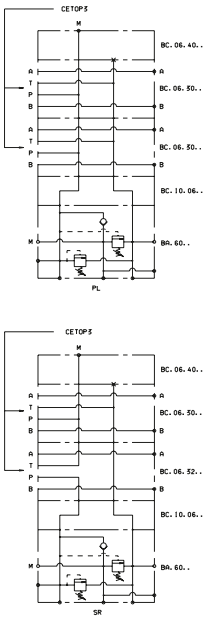
MOUNTING WITH THREADED CONNECTORS (CONNECTOR BLOCK BA1068)

Fixing screws M10x45 ISO 4762- Weight 1.6 Kg

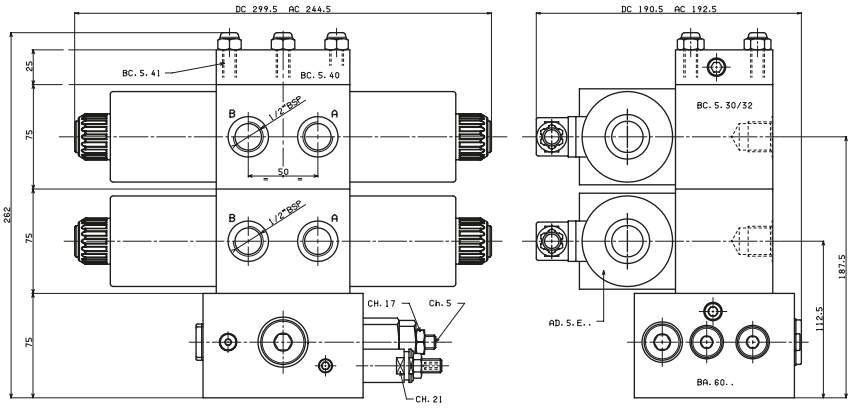


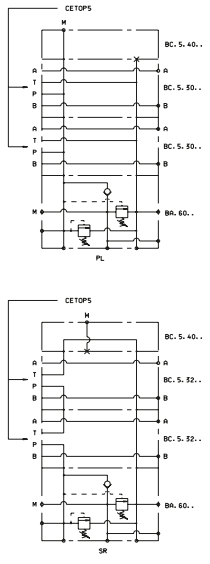
MULTIPLE MOUNTING WITH MODULAR COMPONENT CONNECTOR BLOCKS CONNECTED IN SERIES OR PARALLEL CETOP3/NG06



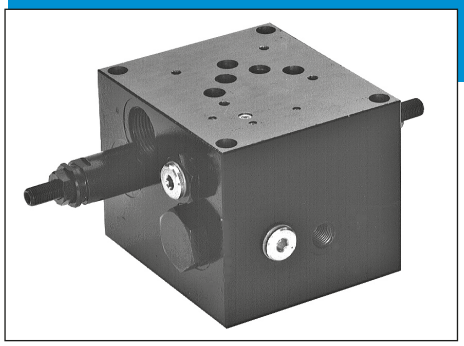


MULTIPLE MOUNTING WITH MODULAR COMPONENT CONNECTOR BLOCKS CONNECTED IN SERIES OR PARALLEL CETOP5/NG10





BA130... Low / high pressure units



BA130...		
BA10...	Sect. I	3
CMP10...	Sect. F	30
BSC569...	Sect. I	7
BC530/32...	Sect. F	26
BC540...	Sect. F	25
CETOP 5/NG10	Sect. A	35
ADP5E...	Sect. A	43

The low/high pressure groups are usually employed in hydraulic systems fed by dual pumps that form a single pressure circuit. The main feature of this system consists in being able to set a pressure value in correspondence of which one of the two pumping sections is changed over to drain.
These groups are fitted with an adjustable maximum pressure valve to protect the hydraulic system.
2 pressure adjustment ranges are available for the exclusion valve, which is fitted with a steel seat, while the maximum pressure valve type CMP10 is available with 3 adjustment ranges.

Minimum permissible setting pressure depending on the spring: see cartridge valve type CMP10.

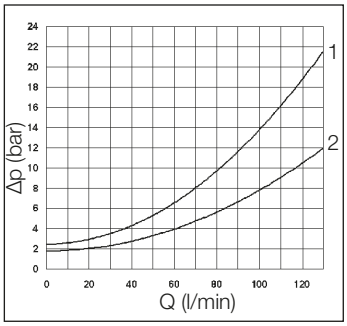
The series connection modular small block (BC532) or the parallel connection type (BC530) with blanking plate (BC540) and the solenoid valve should be ordered separately.

For the subplate mounting ordering code see "Subplates" chapter; whilst for the valve ordering code see "Directional control valves" chapter.

The CETOP5/NG10 connector blocks have 3 rods.

Max. flow	130 l/min
Max. operating pressure	320 bar
Fluid viscosity	10 ÷ 500 mm²/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight	8 Kg

Pressure drops



Curve	
	1 = P1 → T
	2 = P1 → P

Ordering code

BA	Low/high pressure base
130	Capacity l/min
U*	Double pump exclusion valve setting **2** = 20 ÷ 90 bar **3** = 50 ÷ 190 bar
C	Type of adjustment: grub screw
*****	Max. pressure valve setting **1** = max. 50 bar **2** = max. 150 bar **3** = max. 320 bar
00	No variant
1	Serial No.

Module ordering code

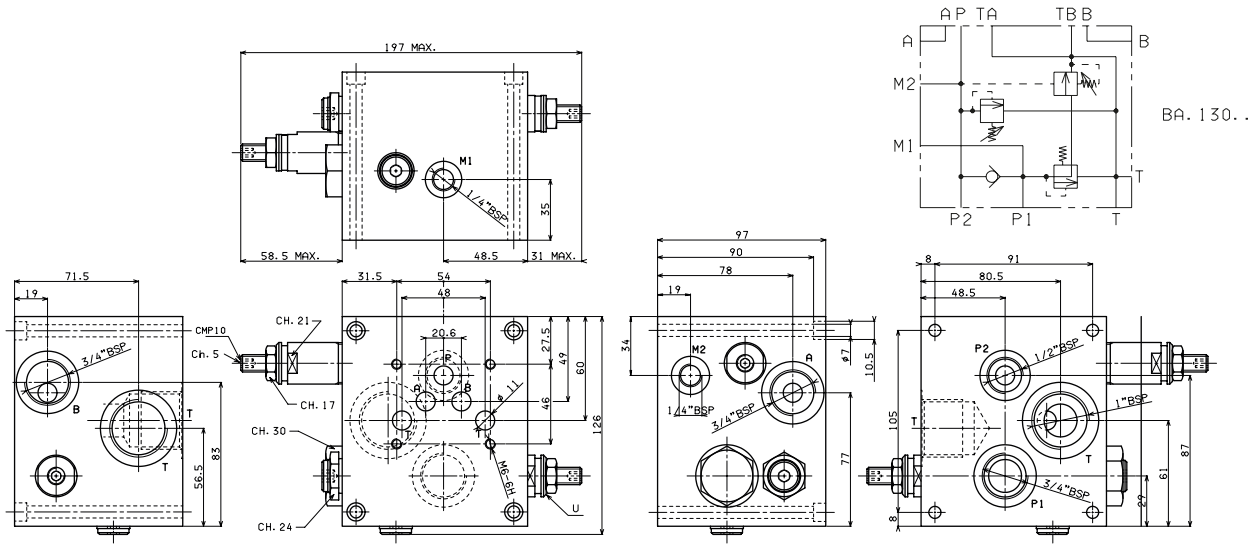
BA	Subplate mounting
10	CETOP 5/NG10
******	Type of module: **62** = side CETOP interface **68** = with upper threaded connectors
00	No variant
1	Serial No.

I

Overall dimensions and hydraulic symbol

Fixing screws M6x100 ISO 4762

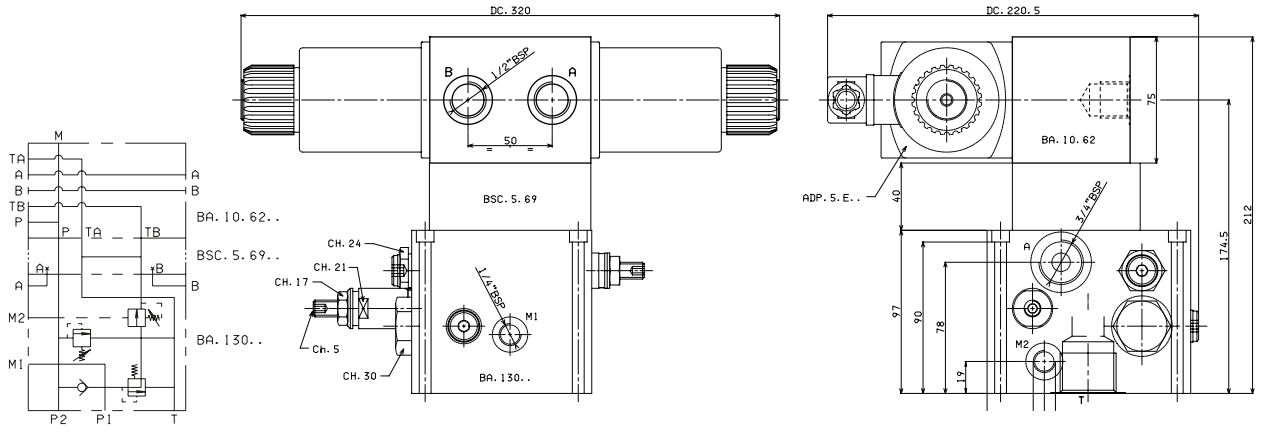
Pay attention please, max tightening torque for manometer (M2): 35 Nm / 3,5 Kgm



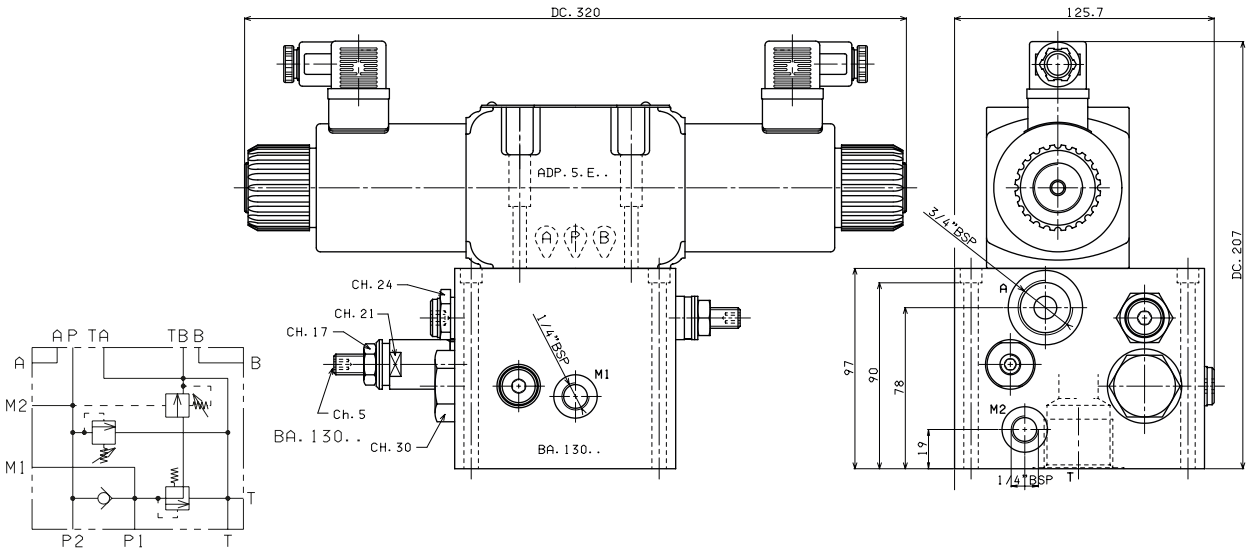
OVERALL DIMENSIONS AND HYDRAULIC SYMBOLS

SIDE MOUNTING FOR SINGLE SOLENOID VALVE CETOP5/NG10 (CONNECTOR BLOCK BA1062)

Fixing screws M10x80 ISO 4762



UPPER MOUNTING FOR SINGLE SOLENOID VALVE CETOP5/NG10



MOUNTING WITH THREADED CONNECTORS (CONNECTOR BLOCK BA1068)

Fixing screws M10x45 ISO 4762

