

BA60...

LOW / HIGH PRESSURE UNITS



BA60...

BA06/10...	CAP. X • 3
CMP10...	CAP. VII • 30
BC0630/32... / BC0640...	CAP. VII • 15
BC530/32...	CAP. VII • 26
BC540...	CAP. VII • 25
CETOP 3/NG06	CAP. I • 5
CETOP 5/NG10	CAP. I • 33

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 mm ² /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.

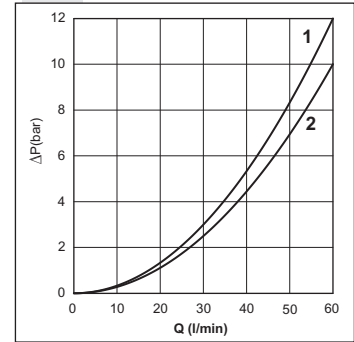
The series connection modular small block (BC0632/BC532) or the parallel connection type (BC0630/BC530) with blanking plate (BC0640/BC540) and the solenoid valve should be ordered separately.

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
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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 = Viton
1	Serial No.

OVERALL DIMENSIONS AND HYDRAULIC SYMBOL

Fixing screws M6x100 UNI 5931
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.

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 = Viton
1	Serial No.

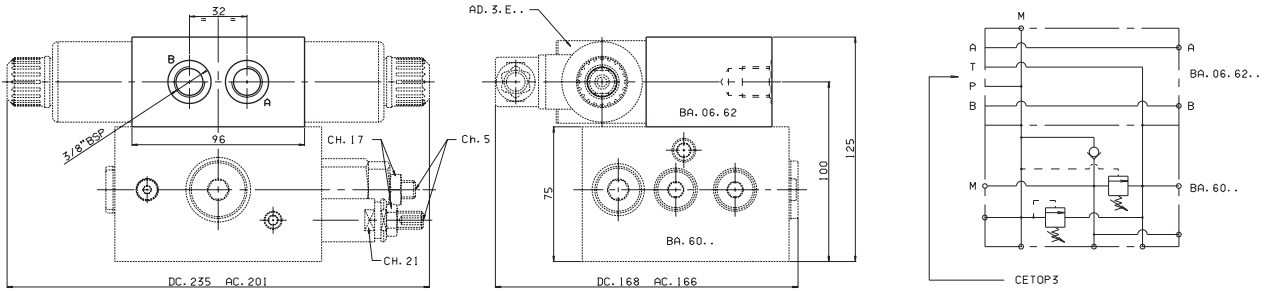
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OVERALL DIMENSIONS AND HYDRAULIC SYMBOLS

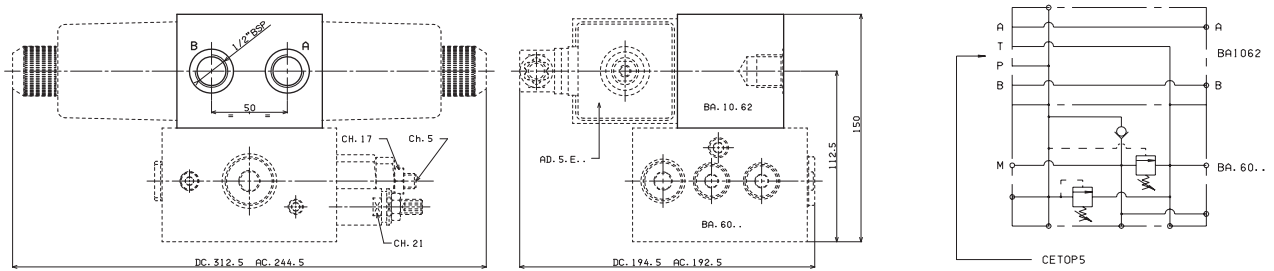
SIDE MOUNTING FOR SINGLE SOLENOID VALVE CETOP3/NG06 (CONNECTOR BLOCK BA.06.62)

Fixing screws M10x55 UNI 5931 - Weight 2 Kg



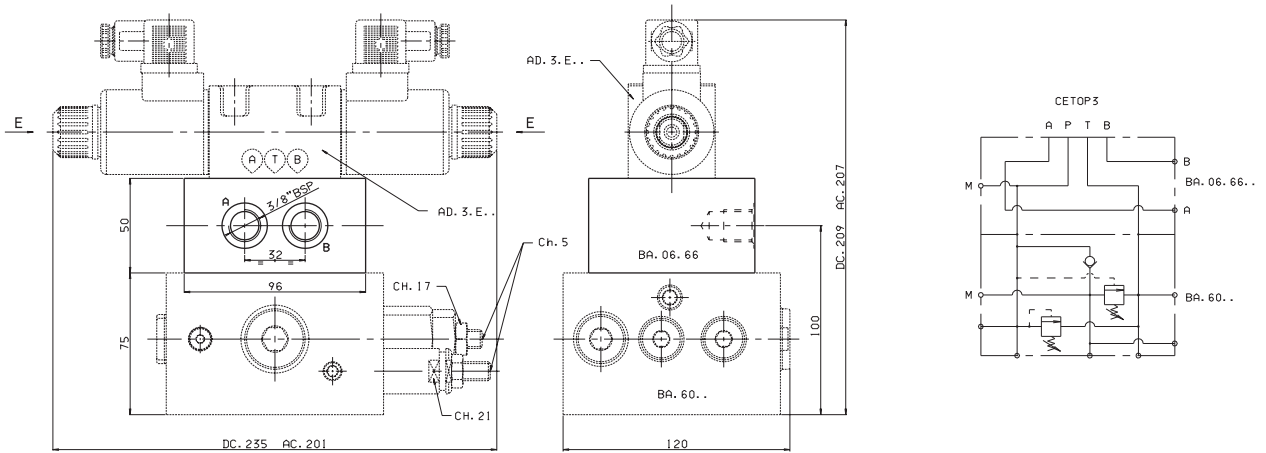
SIDE MOUNTING FOR SINGLE SOLENOID VALVE CETOP5/NG10 (CONNECTOR BLOCK BA.10.62)

Fixing screws M10x80 UNI 5931 - Weight 3 Kg



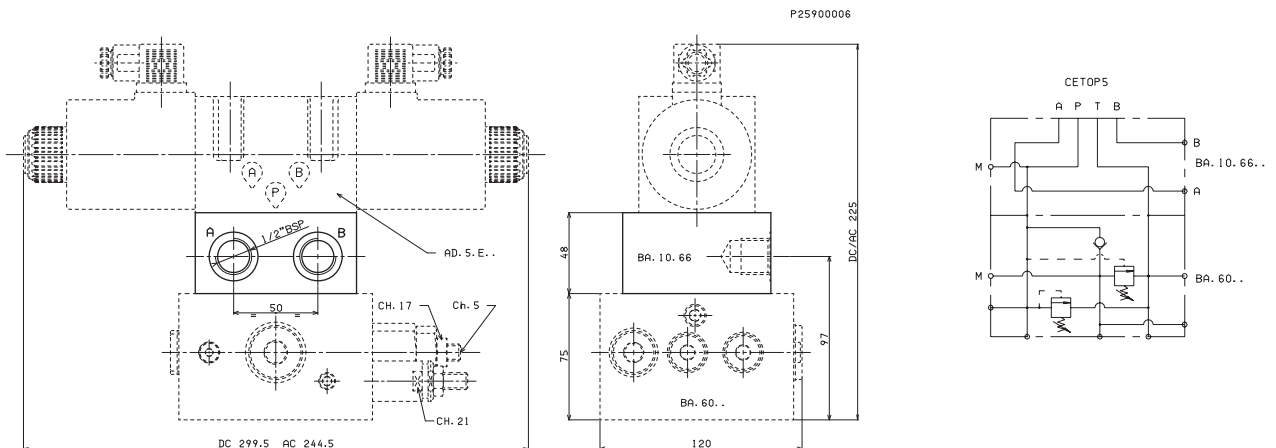
TOP MOUNTING FOR SINGLE SOLENOID VALVE CETOP3/NG06 (CONNECTOR BLOCK BA.06.66)

Fixing screws M10x50 UNI 5931 - Weight 2.5 Kg



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

Fixing screws M10x50 UNI 5931 - Weight 2.4 Kg



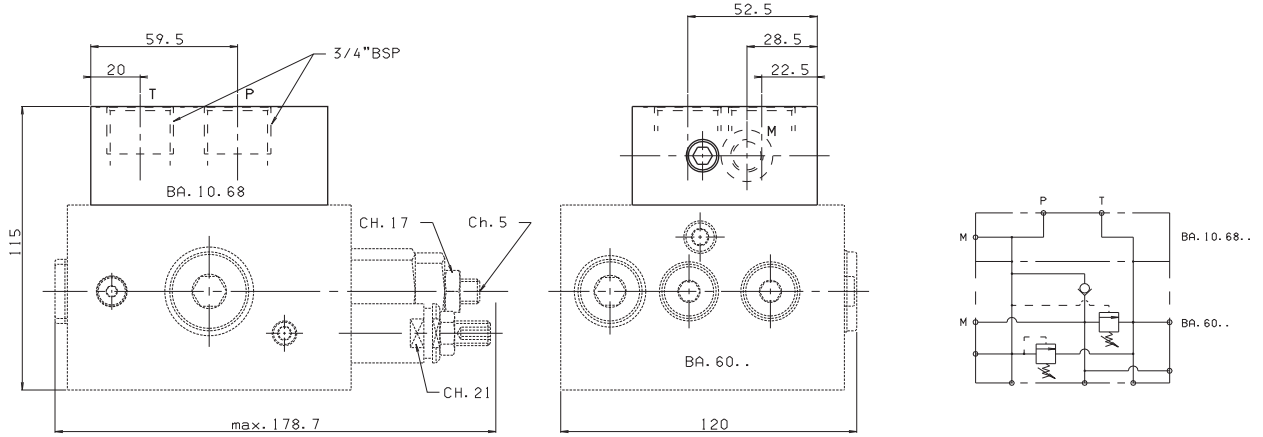
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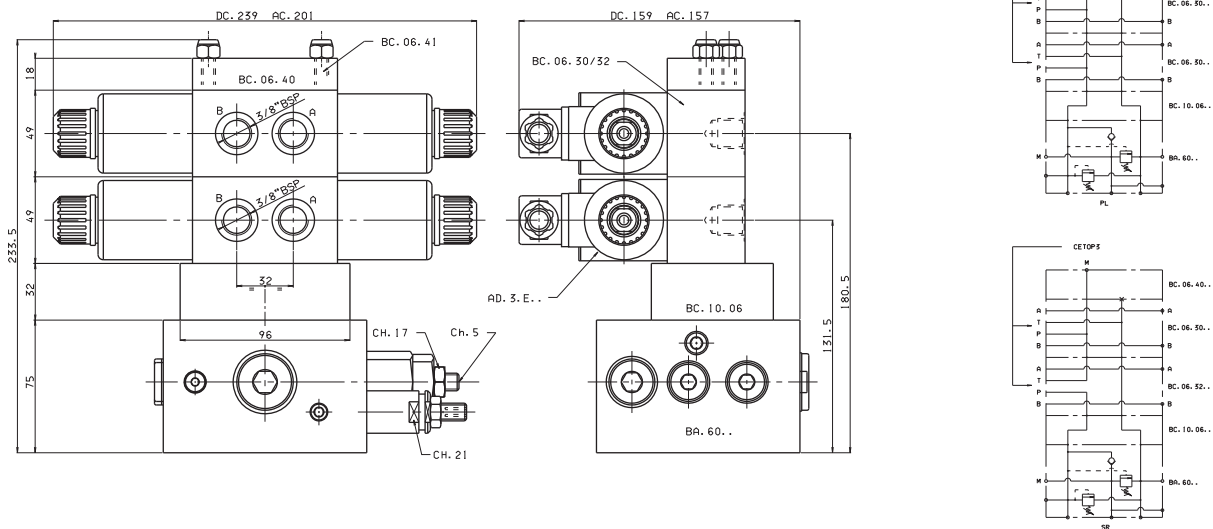
OVERALL DIMENSIONS AND HYDRAULIC SYMBOLS

MOUNTING WITH THREADED CONNECTORS (CONNECTOR BLOCK BA1068)

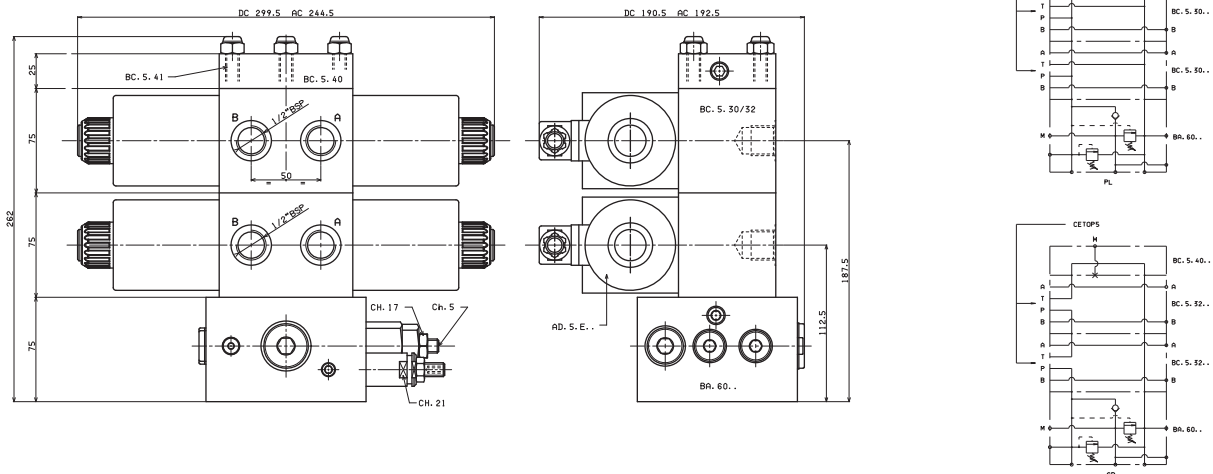
Fixing screws M10x45 UNI 5931- Weight 1.6 Kg



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



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