

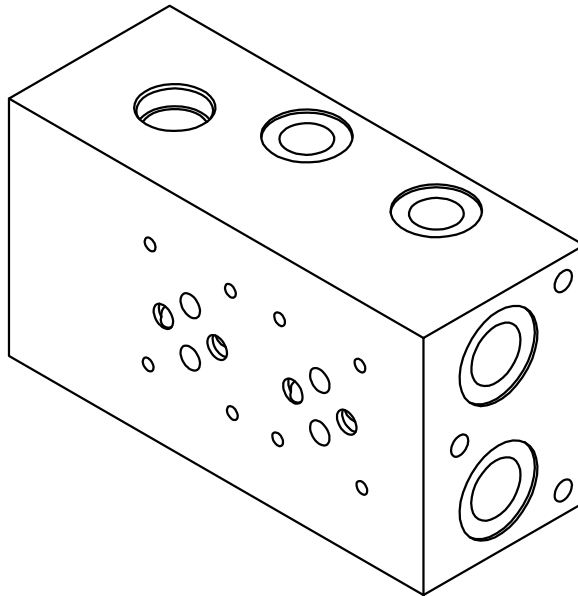


PIASTRE E COMPONENTI OLEODINAMICI
OLEOHYDRAULIC BLOCKS AND COMPONENTS



Monoblocchi Cetop 03 in ghisa

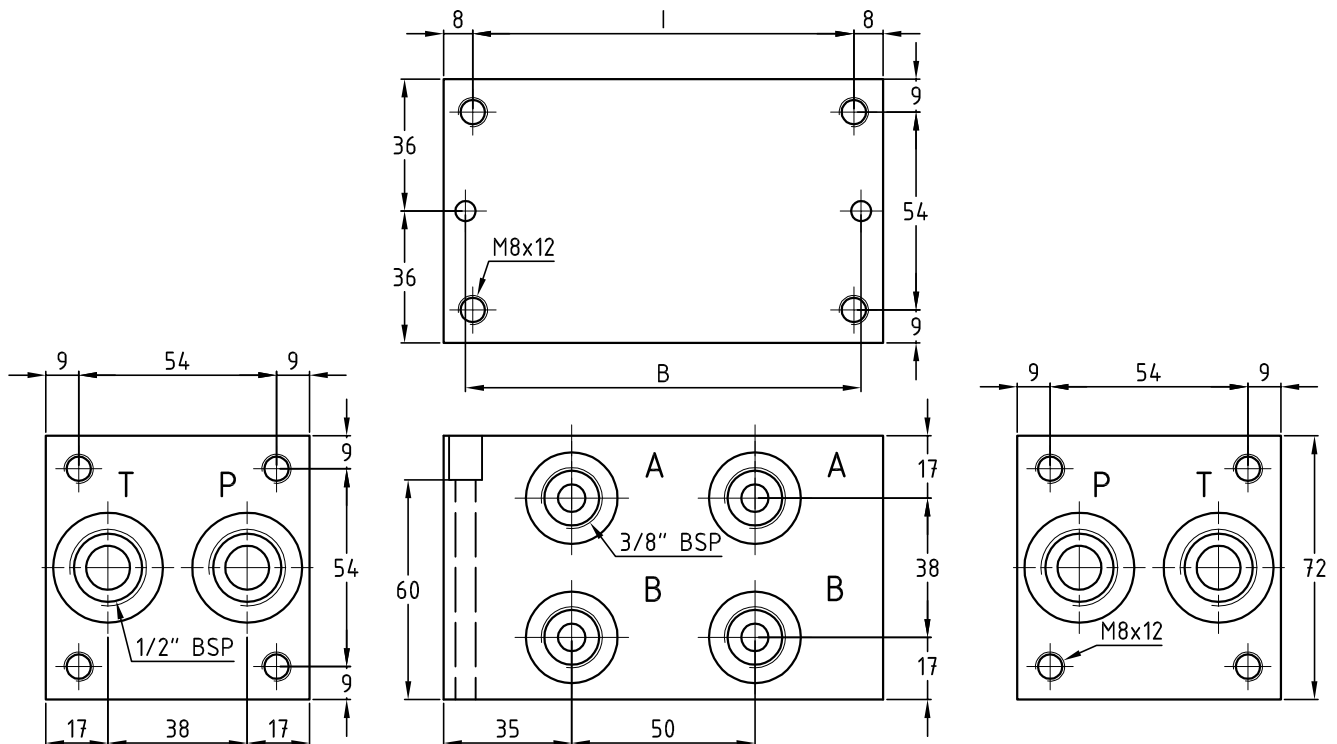
Cast iron Cetop 03 blocks



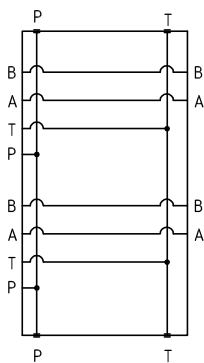
Sezione A
Section A

MB 13

Piastre multiple in ghisa per elettrovalvole Cetop 03 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B side ports



Hydraulic diagram



Dimension table

N° Stat.	L	I	B	Kg
1	70	54	58	2
2	120	104	108	3.5
3	170	154	158	5
4	220	204	208	6.5
5	270	254	258	8
6	320	304	308	9.5
7	370	354	358	11
8	420	404	408	12.5
9	470	454	458	14
10	520	504	508	15.5

Esempio di ordinazione - Ordering code

MB13 / * S 38 0

Monoblocco in ghisa Cetop 03
Block in cast iron Cetop 03

N° di posizioni
Stations number

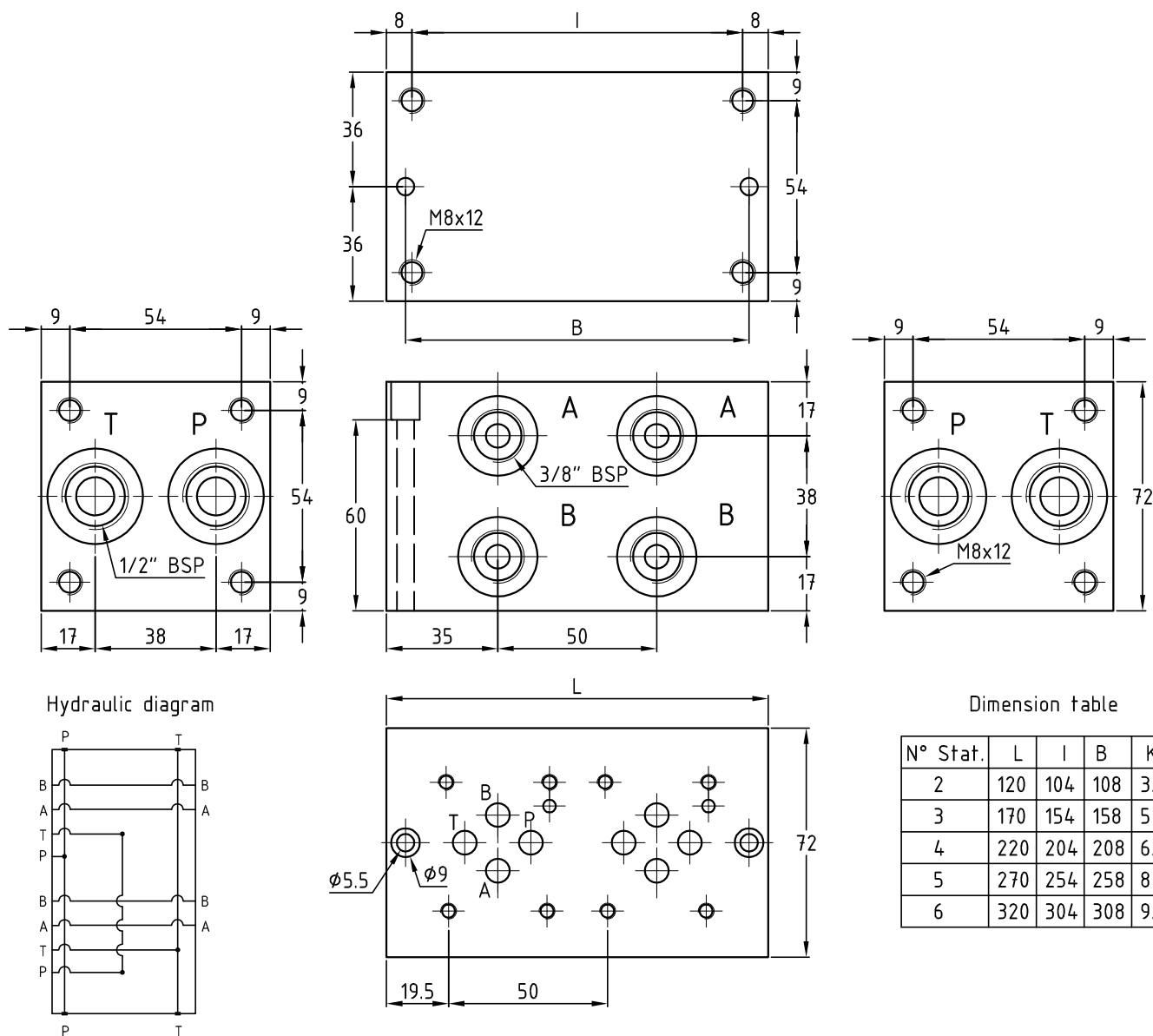
$$\frac{S = \text{attacchi A-B laterali}}{S = \text{side ports A-B}}$$

0 = senza valvola di max.
0 = without relief valve

$$\frac{38 = \text{attacchi da } 3/8'' \text{ BSP}}{38 = \text{ports } 3/8'' \text{ BSP}}$$

MBS 13

Piastre multiple in ghisa per elettrovalvole Cetop 03 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B side ports



Esempio di ordinazione - Ordering code

MBS13 / * S 38 0

Monoblocco in ghisa Cetop 03 coll. serie
Block in cast iron Cetop 03 conn. series

N° di posizioni	
Stations number	

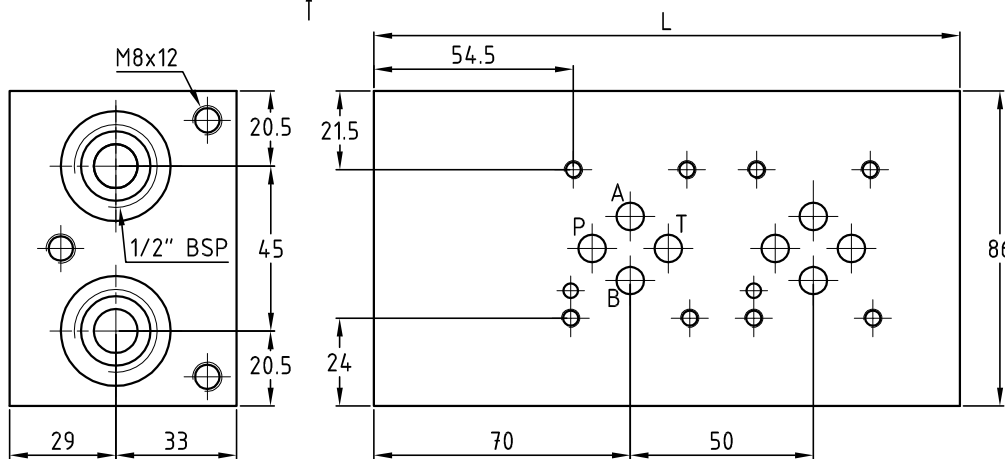
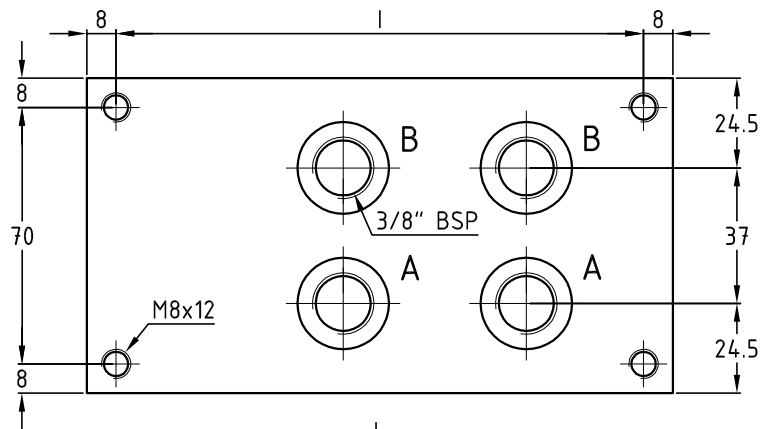
$$\frac{S = \text{attacchi A-B laterali}}{S = \text{side ports A-B}}$$

0 = senza valvola di max.
0 = without relief valve

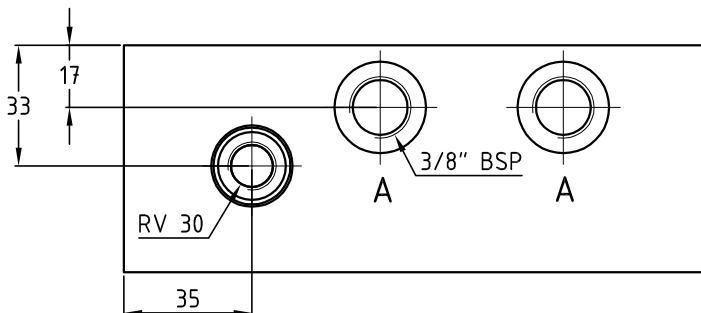
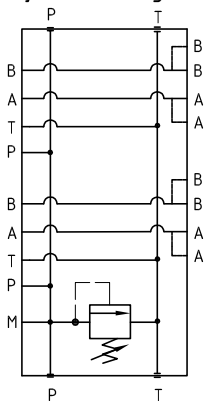
$$\frac{38 = \text{attacchi da } 3/8'' \text{ BSP}}{38 = \text{ports } 3/8'' \text{ BSP}}$$

MB 23

Piastre multiple in ghisa per elett. Cetop 03 con utilizzi A-B posteriori o posteriori e laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B rear ports or rear and side ports



Hydraulic diagram



Dimension table

N° Stat	L	I	Kg
1	110	94	3.3
2	160	144	4.7
3	210	194	6.1
4	260	244	7.5
5	310	294	8.9
6	360	344	10.3
7	410	394	11.7
8	460	444	13.1
9	510	494	14.5

Esempio di ordinazione - Ordering code

MB23 / * * ** * *

Monoblocco in ghisa Cetop 03
Block in cast iron Cetop 03

N° di posizioni
Stations number

R = attacchi A-B posteriori
R = rear ports A-B

RS = attacchi A-B posteriori e laterali (solo versione 38)
RS = rear and side ports A-B (only 38 version)

Su richiesta valvola di massima SAE 10/2
On request relief valve SAE 10/2
(page M04)

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420

0 = senza valvola di max.

0 = without relief valve

1 = pred. per valvola di max. RV 30

1 = prearranged for relief valve RV 30

2 = con valvola di max. RV 30 (pag. M02)

2 = with relief valve RV 30 (page M02)

38 = attacchi da 3/8\"

38 = ports 3/8\"

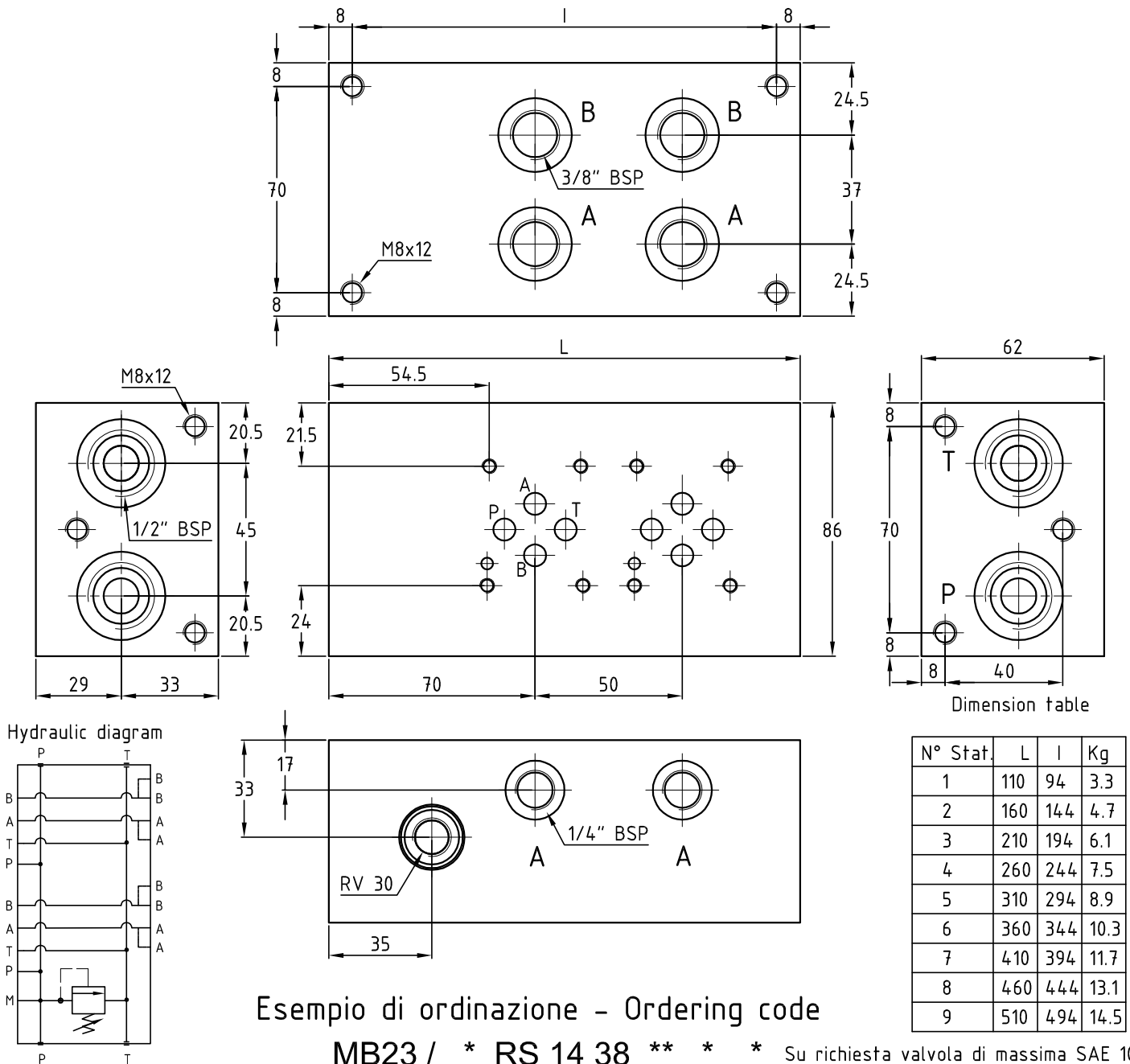
12 = attacchi da 1/2\"

12 = ports 1/2\"

MB 23RS14

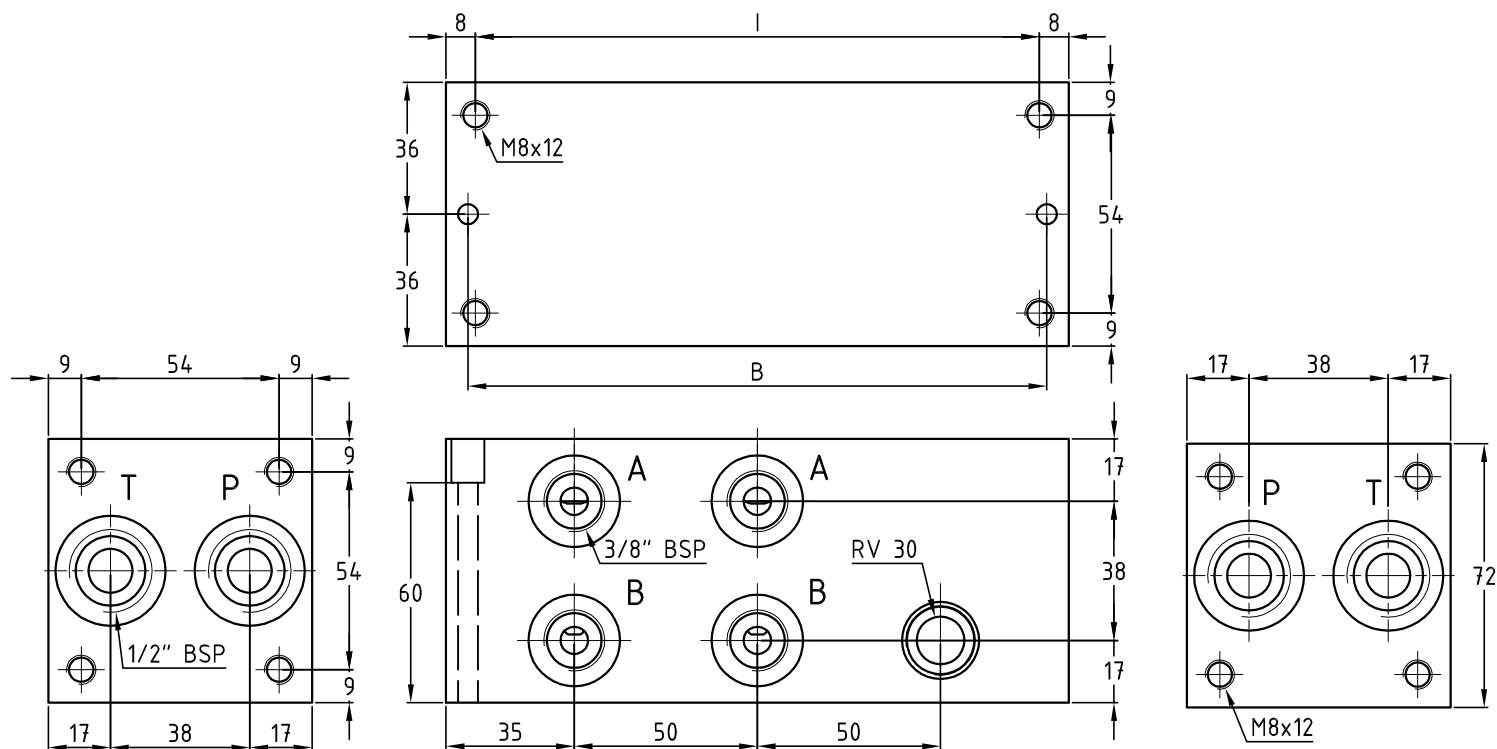
NEW

Piastre multiple in ghisa per elett. Cetop 03 con utilizzi A-B posteriori e laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B rear and side ports

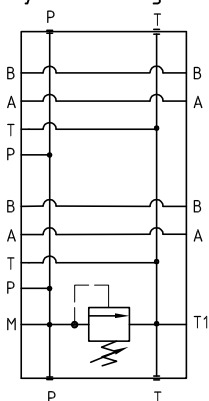


MB 33

Piastre multiple in ghisa per elettrovalvole Cetop 03 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B side ports



Hydraulic diagram



Dimension table

N° Stat.	L	I	B	Kg
1	120	104	108	3.4
2	170	154	158	4.9
3	220	204	208	6.4
4	270	254	258	7.9
5	320	304	308	9.4
6	370	354	358	10.9
7	420	404	408	12.4
8	470	454	458	13.9
9	520	504	508	15.4
10	On request			

Esempio di ordinazione - Ordering code

MB33 / * S ** * *

Su richiesta valvola di massima SAE 10/2
On request relief valve SAE 10/2
(page M04)

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420 bar (page M02)

1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30
2 = con valvola di max. RV 30
2 = with relief valve RV 30

38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP
12 = attacchi da 1/2" BSP (su richiesta)
12 = ports 1/2" BSP (on request)

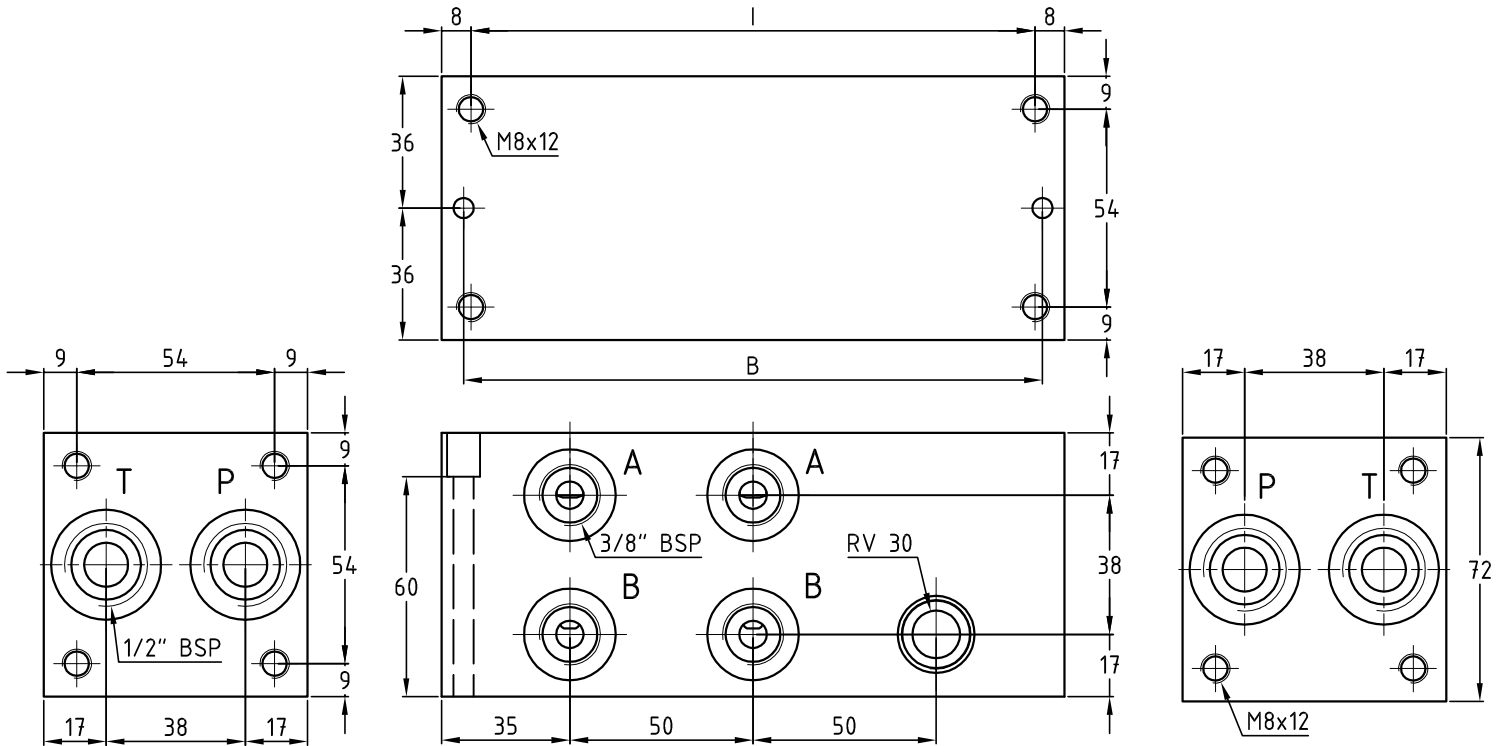
Monoblocco in ghisa Cetop 03
Block in cast iron Cetop 03

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

MBS 33

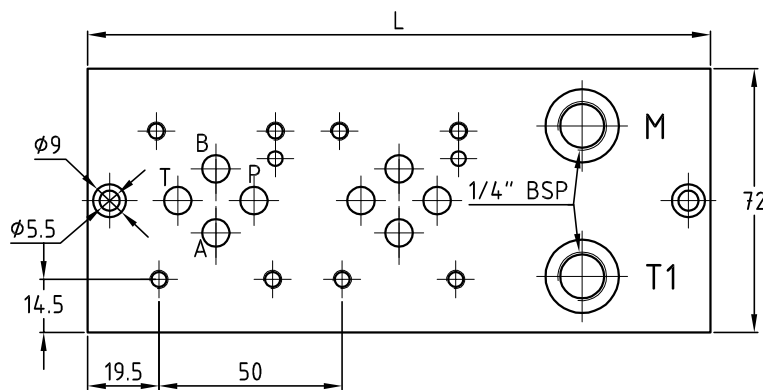
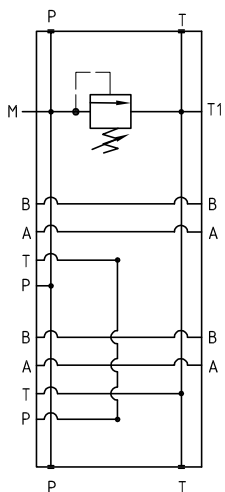
Piastre multiple in ghisa per elettrovalvole Cetop 03 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B side ports



Dimension table

N° Stat.	L	I	B	Kg
2	170	154	158	4.9
3	220	204	208	6.4
4	270	254	258	7.9
5	320	304	308	9.4
6	370	354	358	10.9

Hydraulic diagram



Esempio di ordinazione - Ordering code

MBS33 / * S ** * *

Monoblocco in ghisa Cetop 03 coll. serie
Block in cast iron Cetop 03 series conn.

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

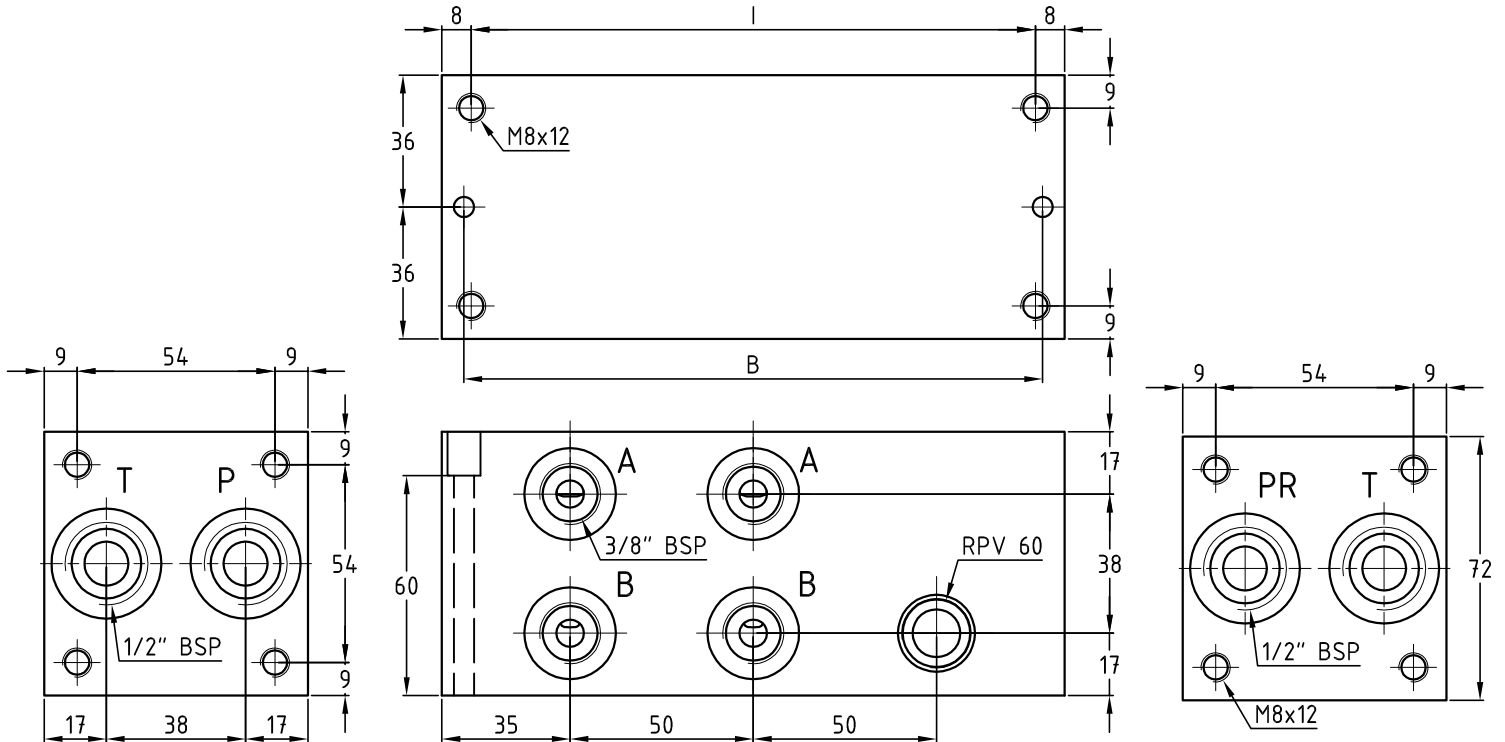
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420 bar (page M02)

1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30
2 = con valvola di max. RV 30
2 = with relief valve RV 30

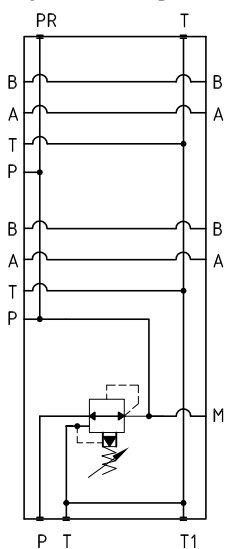
38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP
12 = attacchi da 1/2" BSP (su richiesta)
12 = ports 1/2" BSP (on request)

MB 33 RP

Piastre multiple in ghisa per elettr. Cetop 03 con utilizzi A-B lat. e valv. riduttrice pressione
Manifold in cast iron for electrov. Cetop 03 with A-B side ports with reducing pressure valve



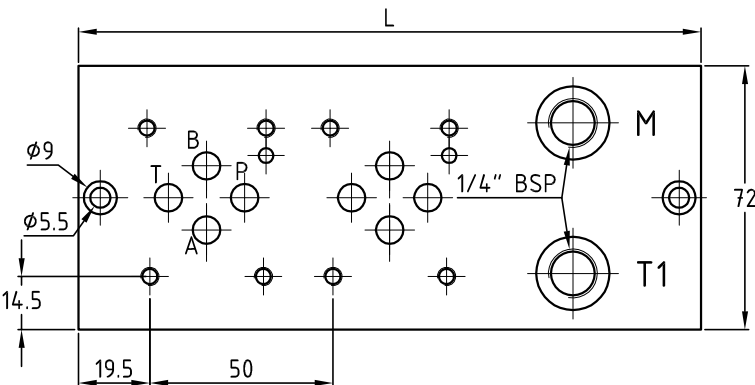
Hydraulic diagram



Monoblocco in ghisa Cetop 03
Block in cast iron Cetop 03

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B



Dimension table

N° Stat	L	I	B	Kg
2	170	154	158	4.9
3	220	204	208	6.4
4	270	254	258	7.9
5	320	304	308	9.4
6	370	354	358	10.9
7	420	404	408	12.4
8	470	454	458	13.9

Esempio di ordinazione - Ordering code

MB33 / * S 38 RP *

Q = 60 lt/min

6 = P max 63 bar
10 = P max 100 bar
16 = P max 160 bar
25 = P max 250 bar
35 = P max 350 bar

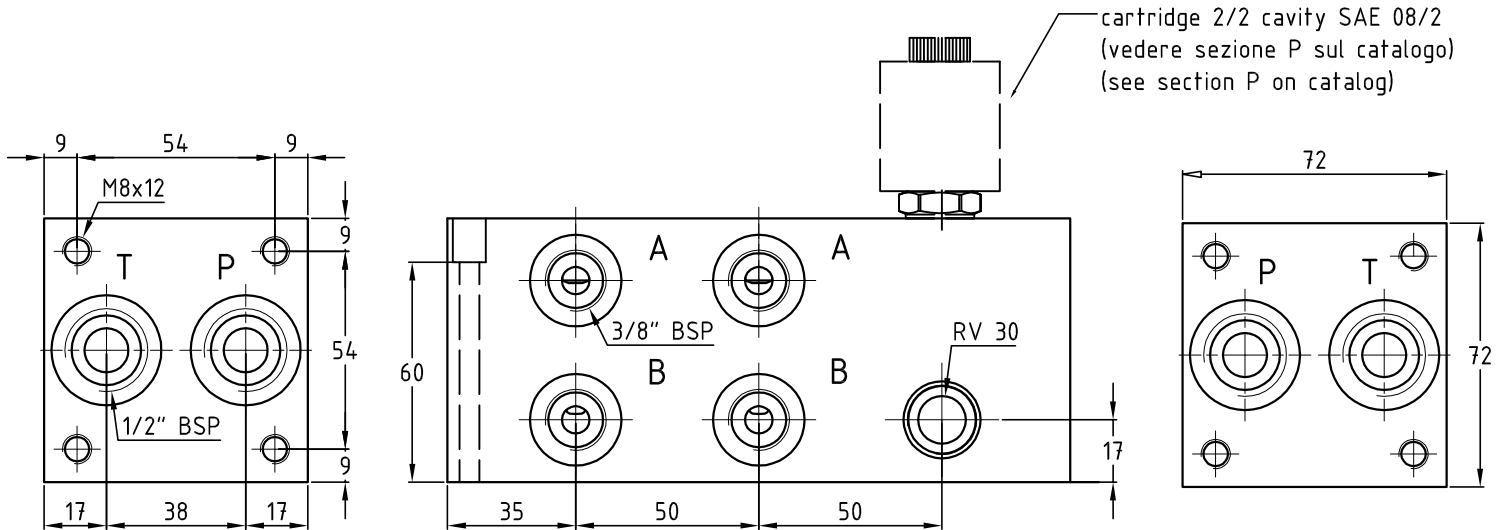
Con valvola riduttrice di pressione sae 10/3
With reducing pressure valve sae 10/3

38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP

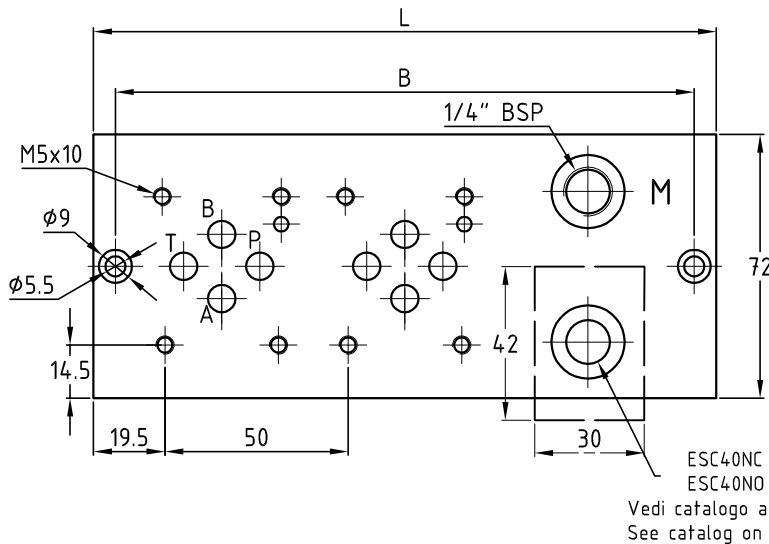
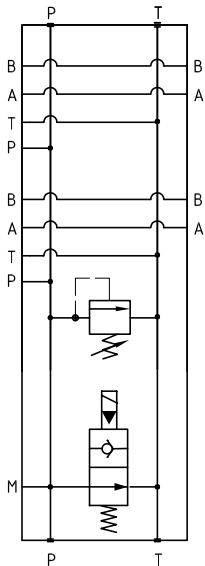
MB 33 VL

Piastra mult. in ghisa per elettrovalvole cetop 03 con utilizzi A-B laterali, valvola di massima RV 30 e valvola a comando cavità SAE.

Manifold in cast iron for electrovalves Cetop 03 with A-B side ports, relief valve RV 30 and SAE cartridge valve 2 way 2 position



Schema idraulico con valvola NO
Hydraulic diagram with cartridge valve NO



Dimension table

N° Stat.	L	B	Kg
1	120	108	1.3
2	170	158	2.0
3	220	208	2.7
4	270	258	3.4
5	320	308	4.1
6	370	358	4.8
7	420	408	5.5
8	470	458	6.2
9	520	508	6.9

Esempio di ordinazione - Ordering code

MB33 VL/ * S ** ** 2 *

Monoblocco in ghisa Cetop 03 con venting
Cast iron block Cetop 03 with venting

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420 bar (page M02)

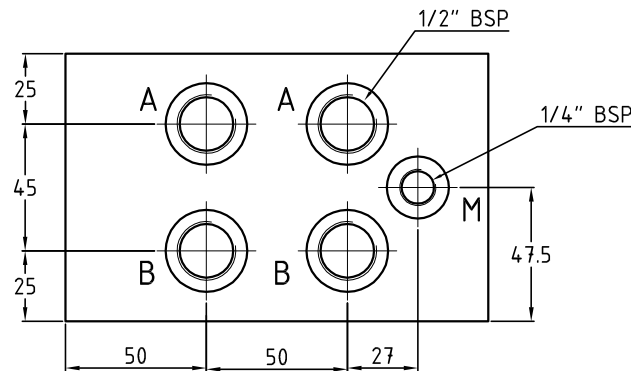
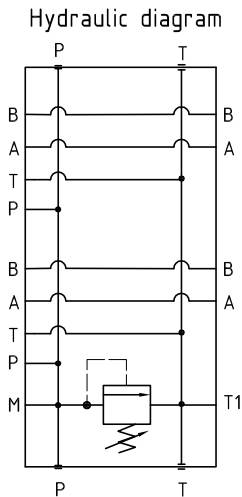
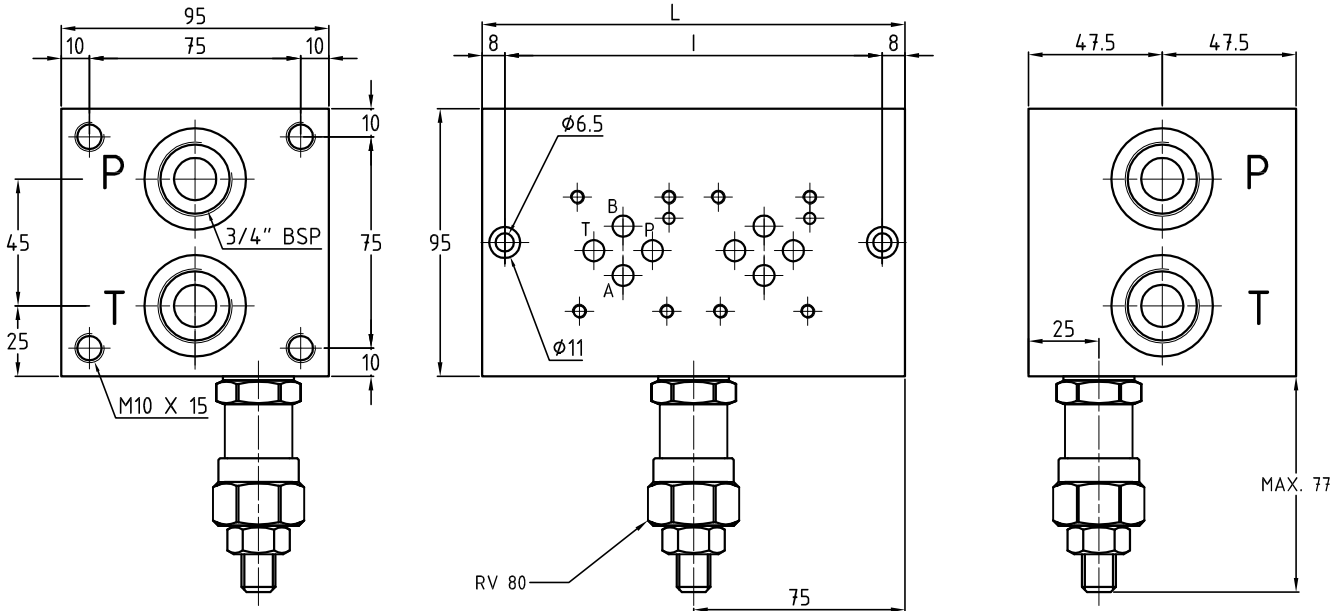
2 = con valvola di max. RV 30
2 = with relief valve RV 30

Vedere sezione P05 (See Section P05)
12=12VDC 24=24VDC 110=110VDC
220=220VDC

NC = Norm. chiusa NO = Norm. aperta
NC = Norm. close NO = Norm. open

MBM 13

Piastre multiple in ghisa per elettrovalvole Cetop 03 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 03 with A-B side ports



Dimension table

N° Stat.	L	I	Kg
1/0	100	84	6.3
2	150	134	9.6
3	200	184	12.9
4	250	234	16.2
5	300	284	19.5
6	350	334	22.8

Esempio di ordinazione - Ordering code

MBM13 / * S 12 * *

Monoblocco in ghisa Cetop 03
Block in cast iron Cetop 03

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

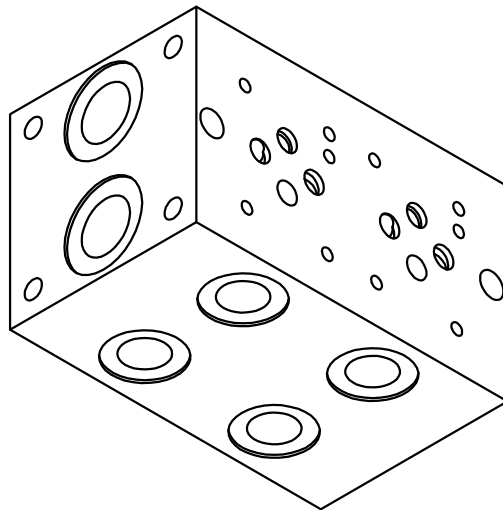
Y=5÷55 bar A=25÷110 bar B=75÷250 bar
C=75÷350 bar Flow=80 lt/min (page M06)
0 = senza valvola di max.
0 = without relief valve

2 = con valvola di max. RV 80 (pag. M06)
2 = with relief valve RV 80 (page M06)

12 = attacchi da 1/2" BSP
12 = ports 1/2" BSP

Monoblocchi Cetop 03/05 in alluminio

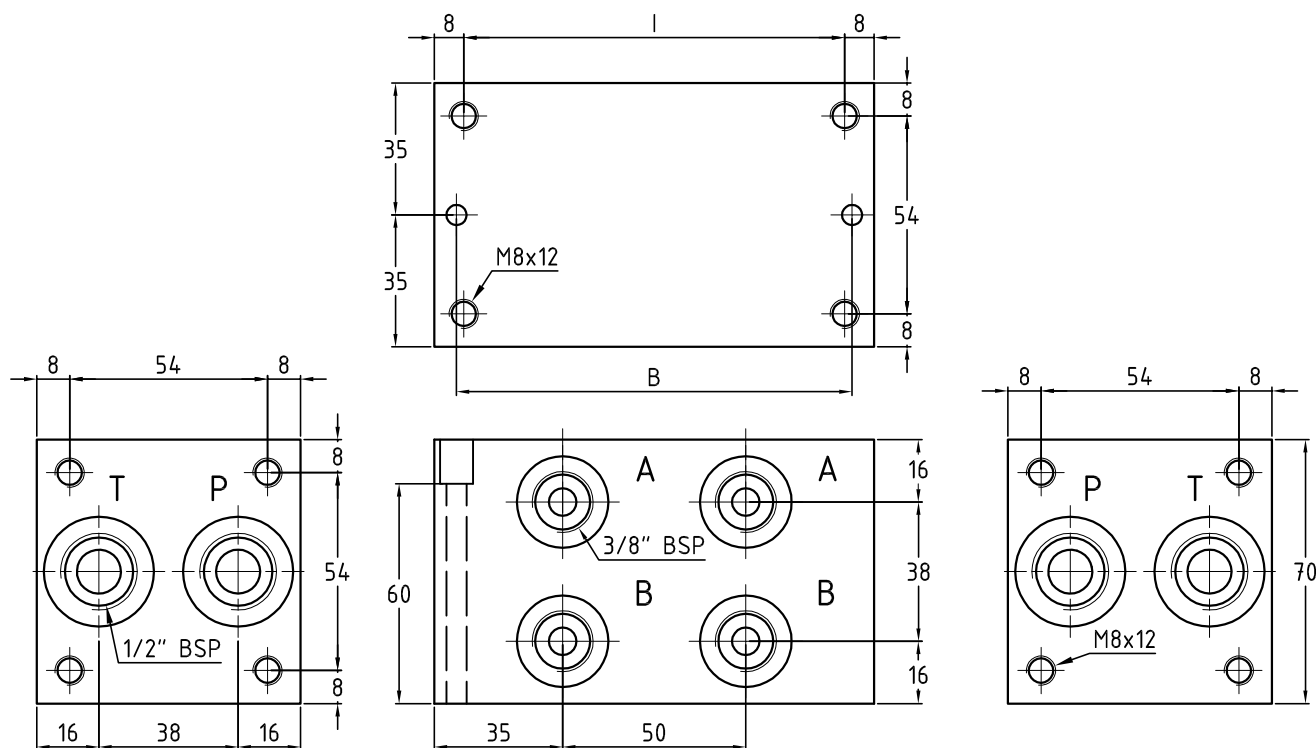
Aluminium Cetop 03/05 blocks



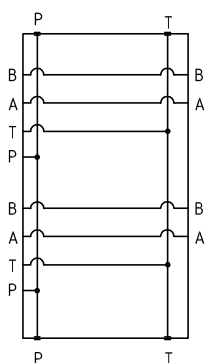
Sezione B
Section B

MBA 13

Piastre multiple in alluminio per elettrovalvole Cetop 03 con utilizzi A-B laterali
Aluminium block for electrovalves Cetop 03 with A-B side ports



Hydraulic diagram



Dimension table

N° Stat.	L	I	B	Kg
1	70	54	58	0,9
2	120	104	108	1,5
3	170	154	158	2,2
4	220	204	208	2,8
5	270	254	258	3,5
6	320	304	308	4,2
7	370	354	358	4,8
8	420	404	408	5,5
9	470	454	458	6,2
10	520	504	508	7,0
11	570	554	558	7,7
12	620	604	608	8,4
13	670	654	658	9,1

Esempio di ordinazione - Ordering code

MBA13 / * S 38 0 **

Monoblocco in alluminio Cetop 03
Aluminium block Cetop 03

N° di posizioni
Stations number

$$\frac{S = \text{attacchi A-B laterali}}{S = \text{side ports A-B}}$$

omet. = senza anodizzazione
obmit = without anodization

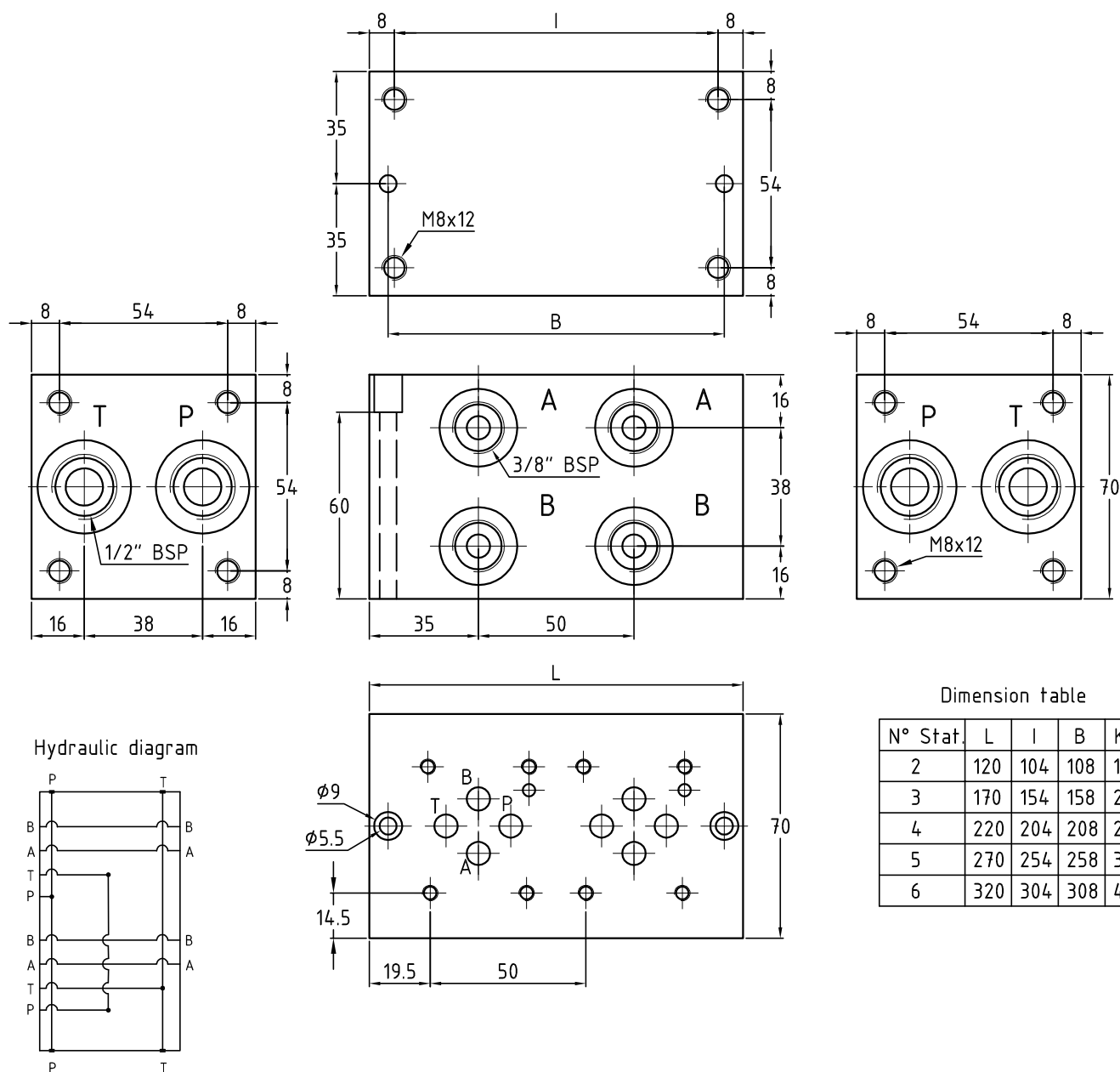
AN. = con anodizzazione
AN = complete with anodization

0 = senza valvola di max.
0 = without relief valve

$$\frac{38 = \text{attacchi da } 3/8'' \text{ BSP}}{38 = \text{ports } 3/8'' \text{ BSP}}$$

MBAS 13

Piastre multiple in alluminio per elettrovalvole Cetop 03 con utilizzi A-B laterali
Aluminium block for electrovalves Cetop 03 with A-B side ports



Esempio di ordinazione - Ordering code

MBAS13 / * S 38 0

Monoblocco in alluminio Cetop 03 coll. serie
Aluminium block Cetop 03 series conn.

N° di posizioni	
Stations number	

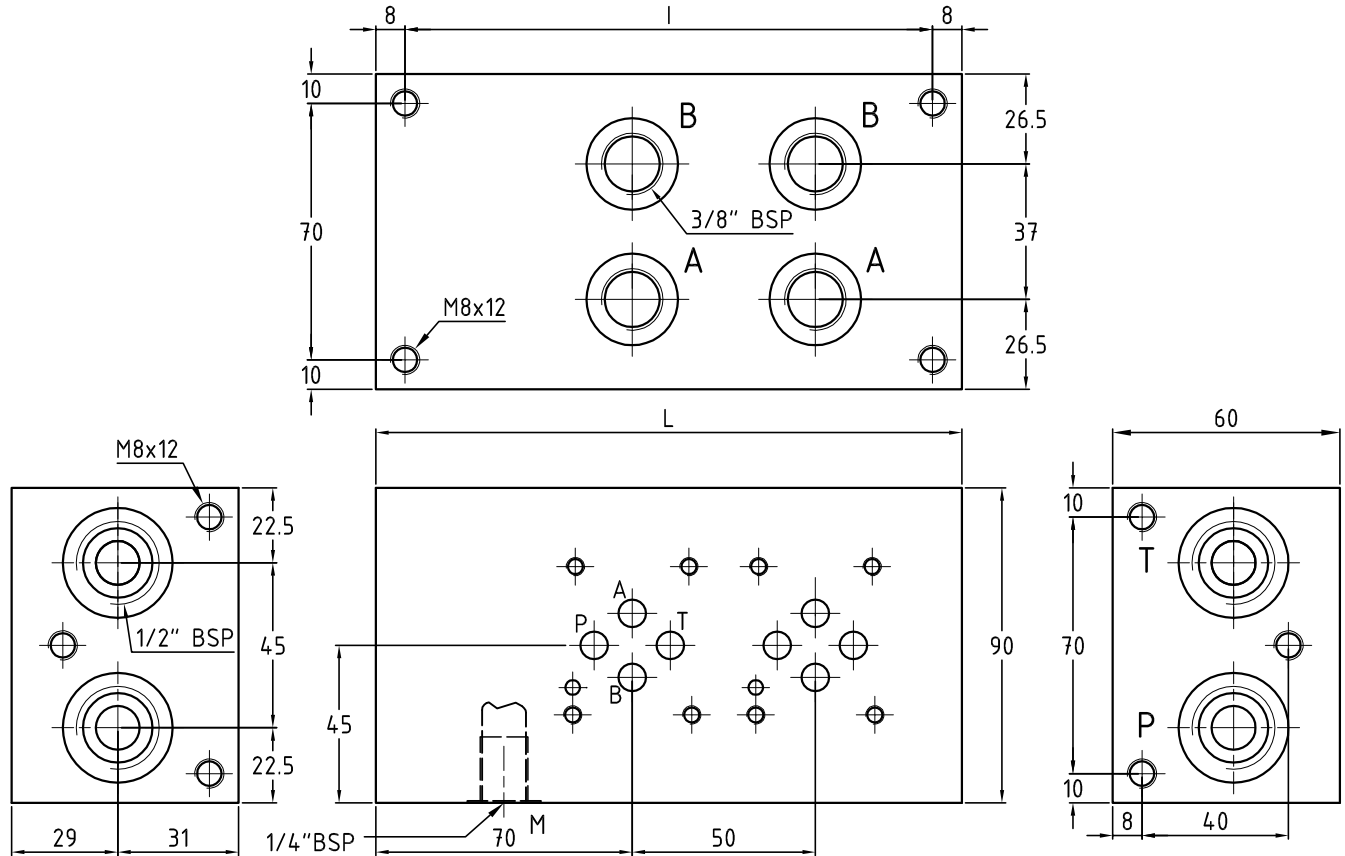
$$\frac{S = \text{attacchi A-B laterali}}{S = \text{side ports A-B}}$$

0 = senza valvola di max.
0 = without relief valve

38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP

MBA 23

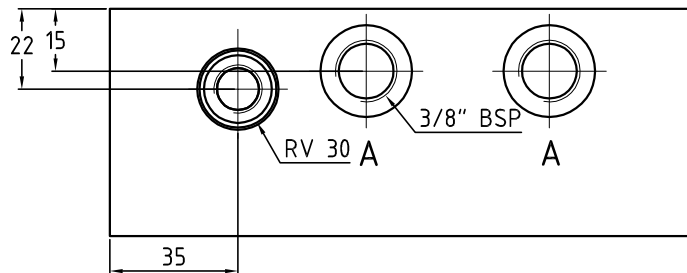
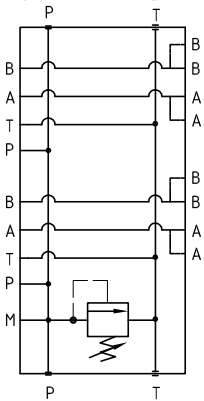
Piastre multiple in alluminio per elettrovalvole Cetop 03 con utilizzi A-B post. o post. e lat.
Aluminium block for electrovalves Cetop 03 with A-B rear ports or rear and side ports



Dimension table

N° Stat.	L	I	Kg
1	110	94	1,4
2	160	144	2,3
3	210	194	3,0
4	260	244	3,7
5	310	294	4,5
6	360	344	5,2
7	410	394	5,9
8	460	444	7,0
9	510	594	8,1

Hydraulic diagram



Esempio di ordinazione - Ordering code

MBA23 / * * ** * *

Monoblocco in alluminio Cetop 03
Aluminium block Cetop 03

N° di posizioni
Stations number

R = attacchi A-B posteriori
R = rear ports A-B

RS = attacchi A-B posteriori e laterali (solo versione 38)
RS = rear and side ports A-B (only version 38)

Su richiesta RV SAE 10/2 (pagina M04)
On request RV SAE 10/2 (page M04)

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
(page M02)

0 = senza valvola di max.

0 = without relief valve

1 = pred. per valvola di max. RV 30

1 = prearranged for relief valve RV 30

2 = con valvola di max. RV 30

2 = with relief valve RV 30

38 = attacchi da 3/8\"

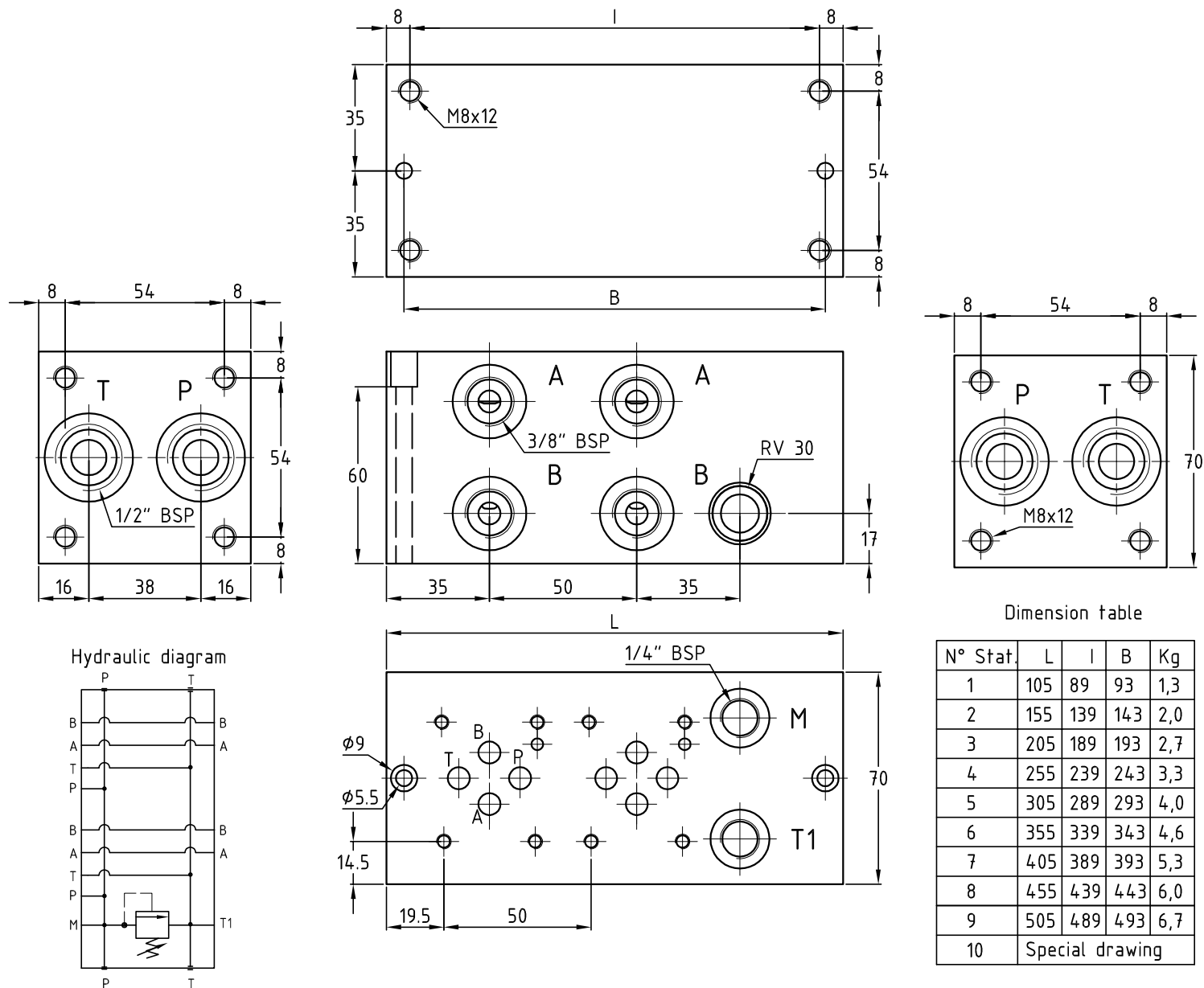
38 = ports 3/8\"

12 = attacchi da 1/2\"

12 = ports 1/2\"

MBA 33

Aluminium block for electrovalves Cetop 03 with A-B side ports
Piastre multiple in alluminio per elettrovalvole Cetop 03 con utilizzi A-B laterali



Dimension table

N° Stat	L	I	B	Kg
1	105	89	93	1,3
2	155	139	143	2,0
3	205	189	193	2,7
4	255	239	243	3,3
5	305	289	293	4,0
6	355	339	343	4,6
7	405	389	393	5,3
8	455	439	443	6,0
9	505	489	493	6,7
10	Special drawing			

Esempio di ordinazione - Ordering code

MBA33 / * S 38 * *

Monoblocco in alluminio Cetop 03
Aluminium block Cetop 03

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
(page M02)

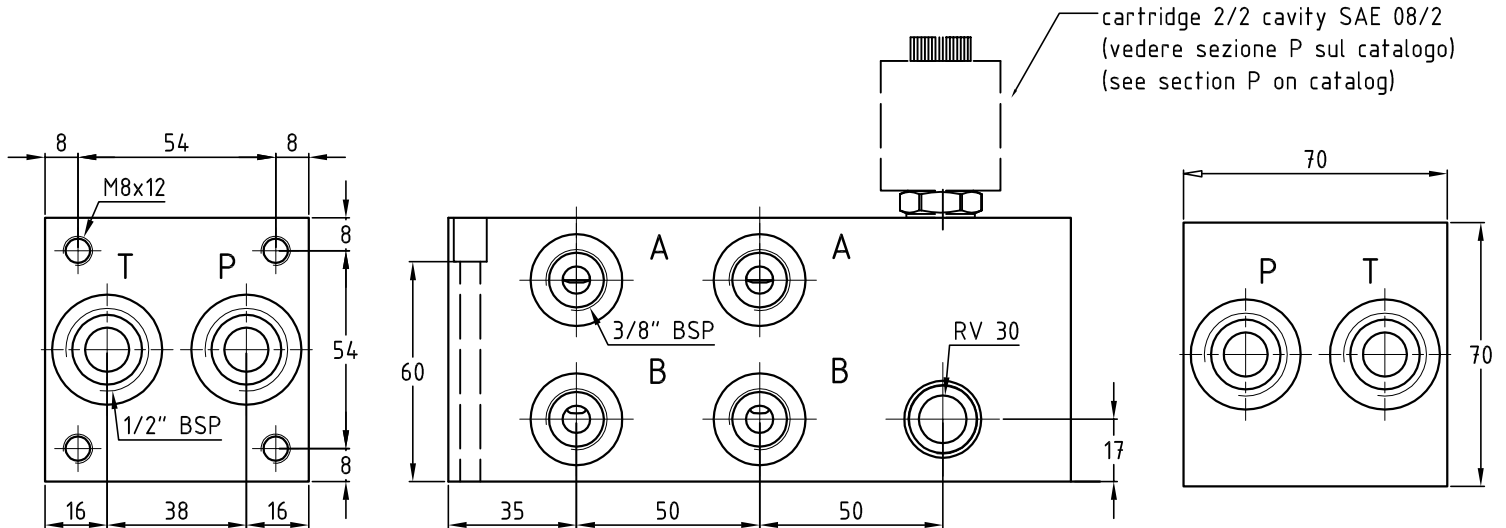
0 = senza valvola di max.
0 = without relief valve
1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30
2 = con valvola di max. RV 30 (pag. M02)
2 = with relief valve RV 30 (page M02)
38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP

Su richiesta valvola di massima
SAE 10/2 (pagina M04)
On request relief valve SAE 10/2
(page M04)

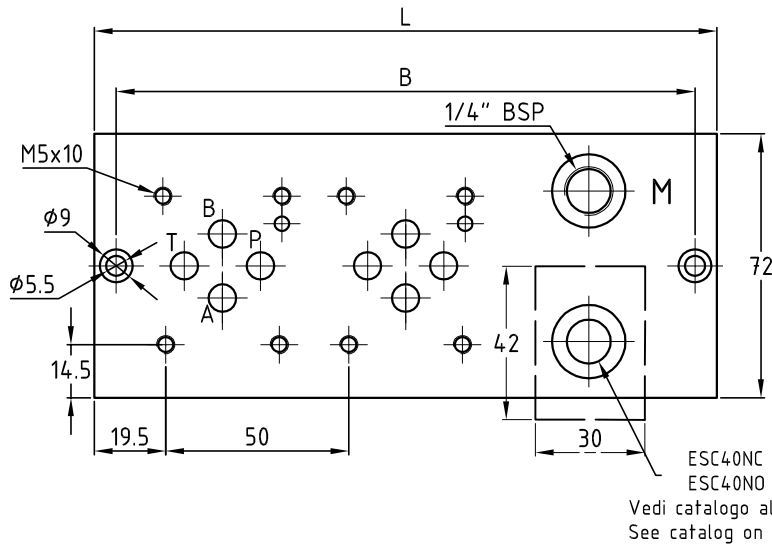
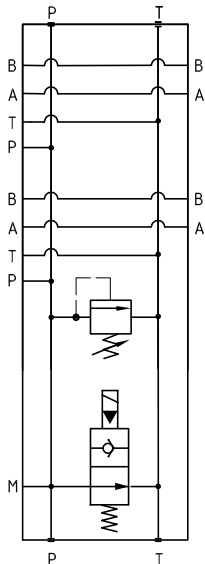
MBA 33 VL

Piastra mult. in alluminio per elettrovalvole cetop 03 con utilizzi A-B laterali predisposta per valvola a comando cavità SAE.

Manifold in aluminium for electrovalves Cetop 03 with A-B side ports and prearranged for SAE cartridge valve 2 way 2 position



Schema idraulico con valvola NO
Hydraulic diagram with cartridge valve NO



Dimension table

N° Stat.	L	B	Kg
1	120	108	1.3
2	170	158	2.0
3	220	208	2.7
4	270	258	3.4
5	320	308	4.1
6	370	358	4.8
7	420	408	5.5
8	470	458	6.2
9	520	508	6.9

Esempio di ordinazione - Ordering code

MBA33 VL/ * S ** ** 2 *

Monoblocco in alluminio Cetop 03 con venting
Aluminium block Cetop 03 with venting

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
(page M02)

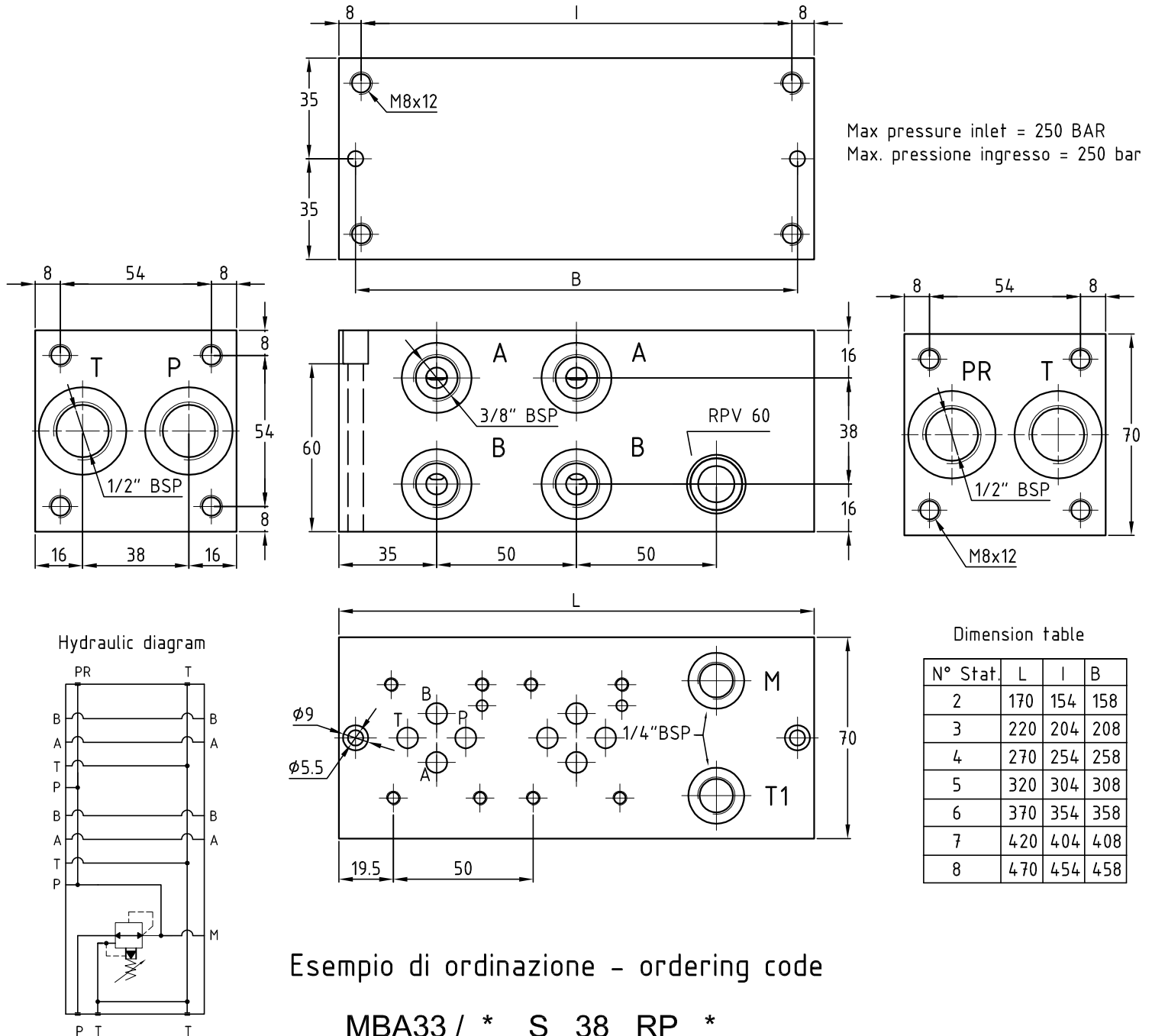
2 = con valvola di max. RV 30
2 = with relief valve RV 30

Vedere sezione P (See Section P) 12=12VDC
24=24VDC 110=110VDC 220=220VDC

NC = Norm. chiusa NO = Norm. aperta
NC = Norm. close NO = Norm. open

MBA 33 RP

Piastre multiple in all. per elettrov. Cetop03 utilizzi A-B laterali e valv. riduttrice pressione
Manifold in alu. for electrov. Cetop 03 with A-B side ports and reducing pressure valve



Monoblocco in alluminio Cetop 03
Aluminium Block Cetop 03

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

Q = 60 lt/min

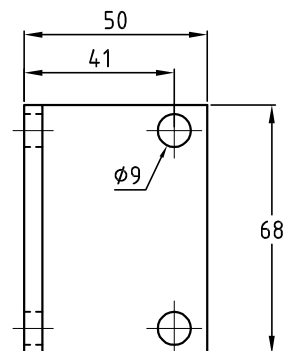
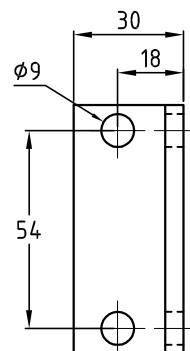
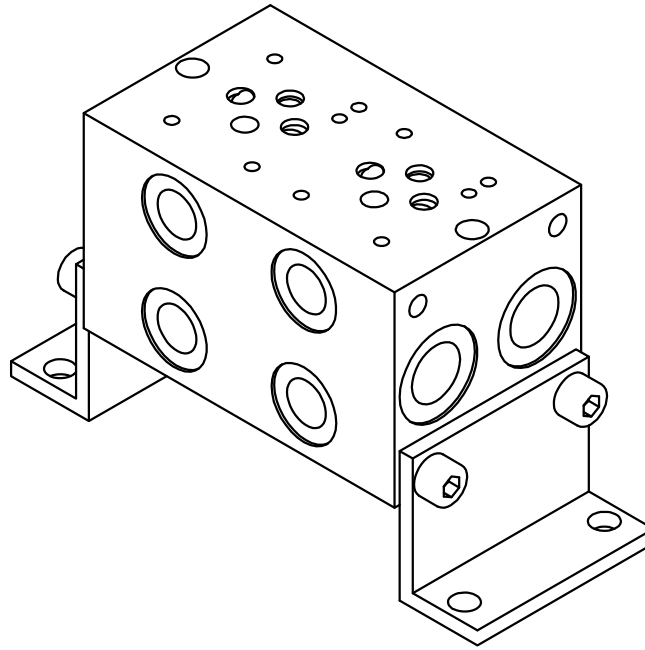
6 = P max 63 bar
10 = P max 100 bar
16 = P max 160 bar
25 = P max 250 bar

Con valvola riduttrice di pressione sae 10/3
With reducing pressure valve sae 10/3

38 = attacchi da 3/8" BSP
38 = ports 3/8" BSP

SUMB 03

Staffa di fissaggio in alluminio per piastre multiple Cetop 03
Aluminium mounting bracket for monoblocks Cetop 03

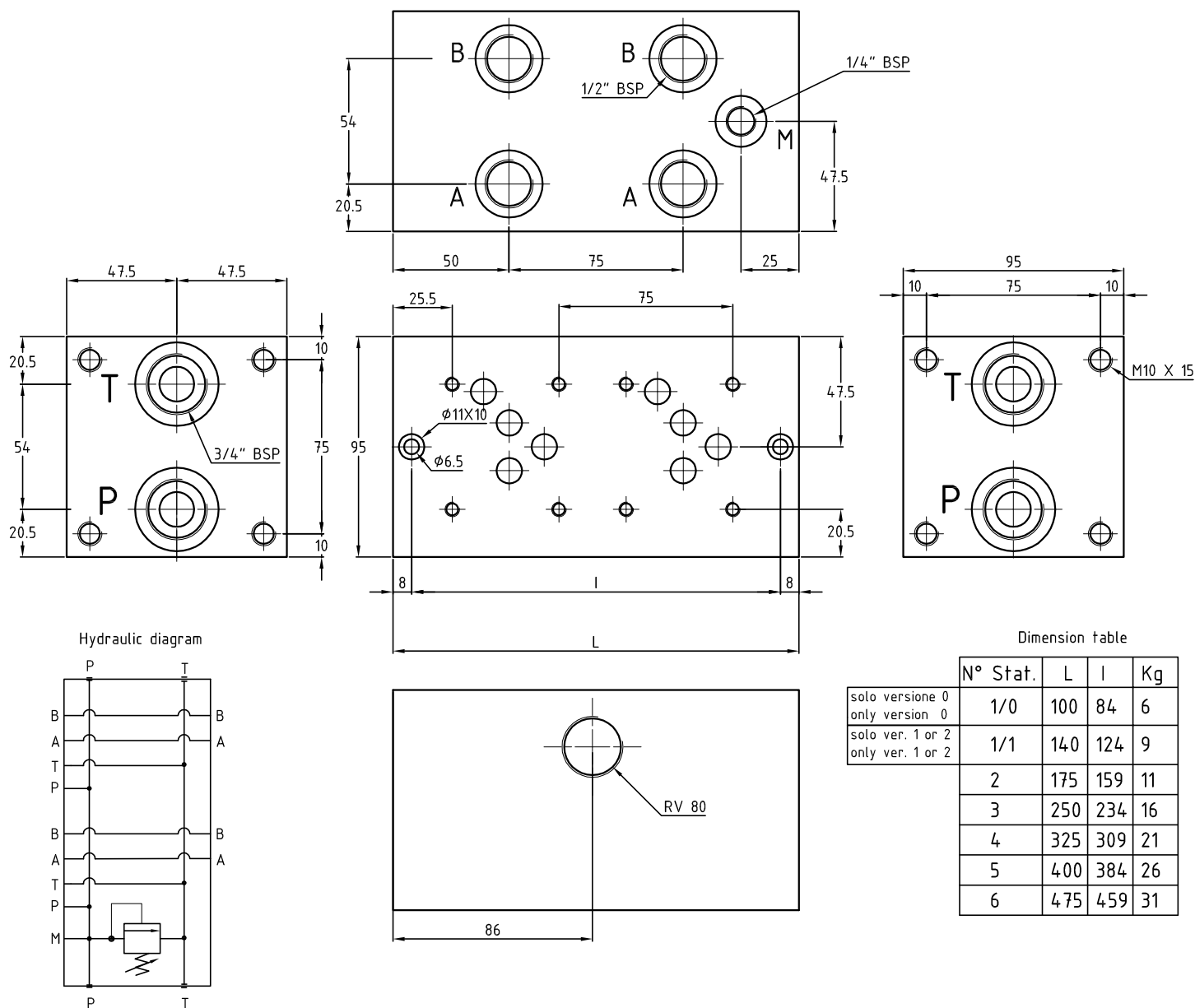


Esempio di ordinazione - ordering code

SUMB 03

MBA 35

Piastre multiple in all. per elettrovalvole Cetop 05 con utilizzi A-B laterali
Aluminium monoblock for electrovalves Cetop 05 with A-B side ports



Esempio di ordinazione - Ordering code

MBA35 / * S 12 * *

Y=5÷55bar A=25÷110 bar B=50÷250 bar
Flow=80 lt/min

Monoblocco Cetop 05 in alluminio
Aluminium Block Cetop 05

N° di posizioni
Stations number

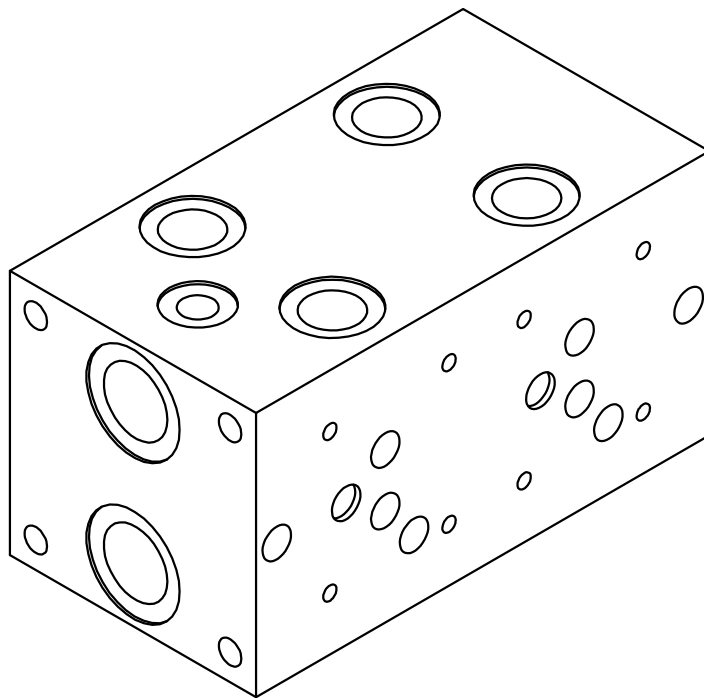
S = attacchi A-B laterali
S = side ports A-B

0 = senza valvola di max.	
0 = without relief valve	
1 = pred. per valvola di max. RV 80	
1 = prearranged for relief valve RV 80	
2 = con valvola di max. RV 80 (pag. M06)	
2 = with relief valve RV 80 (page M06)	

$$\frac{12 = \text{attacchi da } 1/2'' \text{ BSP}}{12 = \text{ports } 1/2'' \text{ BSP}}$$

Monoblocchi Cetop 05 in ghisa

Cast iron Cetop 05 blocks

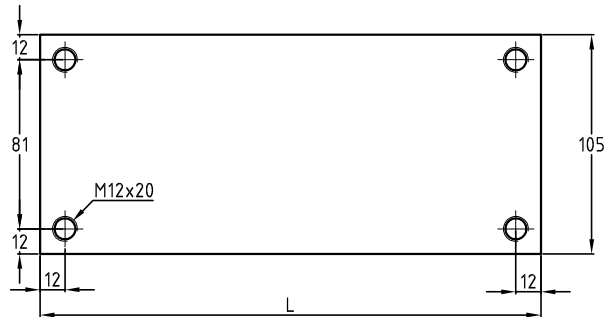
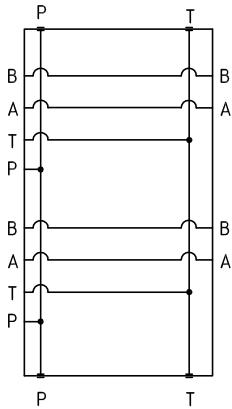


Sezione C
Section C

MB 15

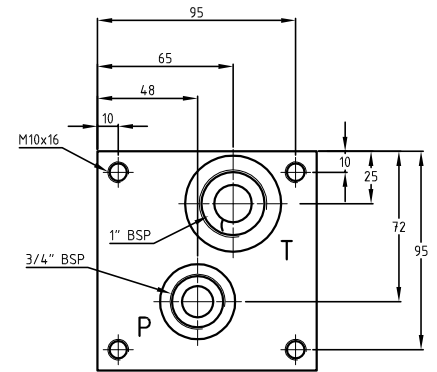
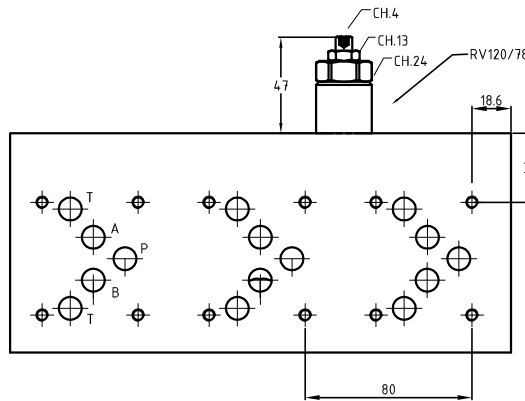
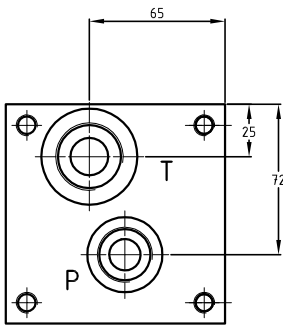
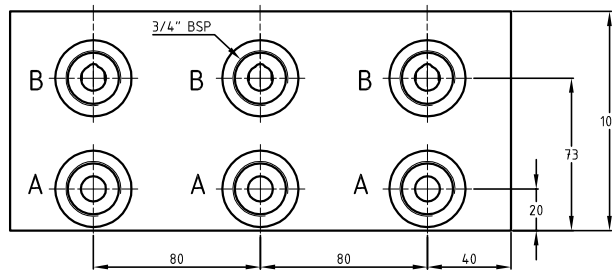
Piastre multiple in ghisa per elettrovalvole Cetop 05 con utilizzi A-B laterali
Manifold in cast iron for electrovalves Cetop 05 with A-B side ports

Hydraulic diagram



Dimension table

N° Stat.	L	Kg
1	80	5.5
2	160	12
3	240	18.5
4	320	25
5	400	31.5
6	480	38



Esempio di ordinazione - Ordering code

MB15 / * S 34 *

Monoblocco in ghisa Cetop 05
Block in cast iron Cetop 05

N° di posizioni
Stations number

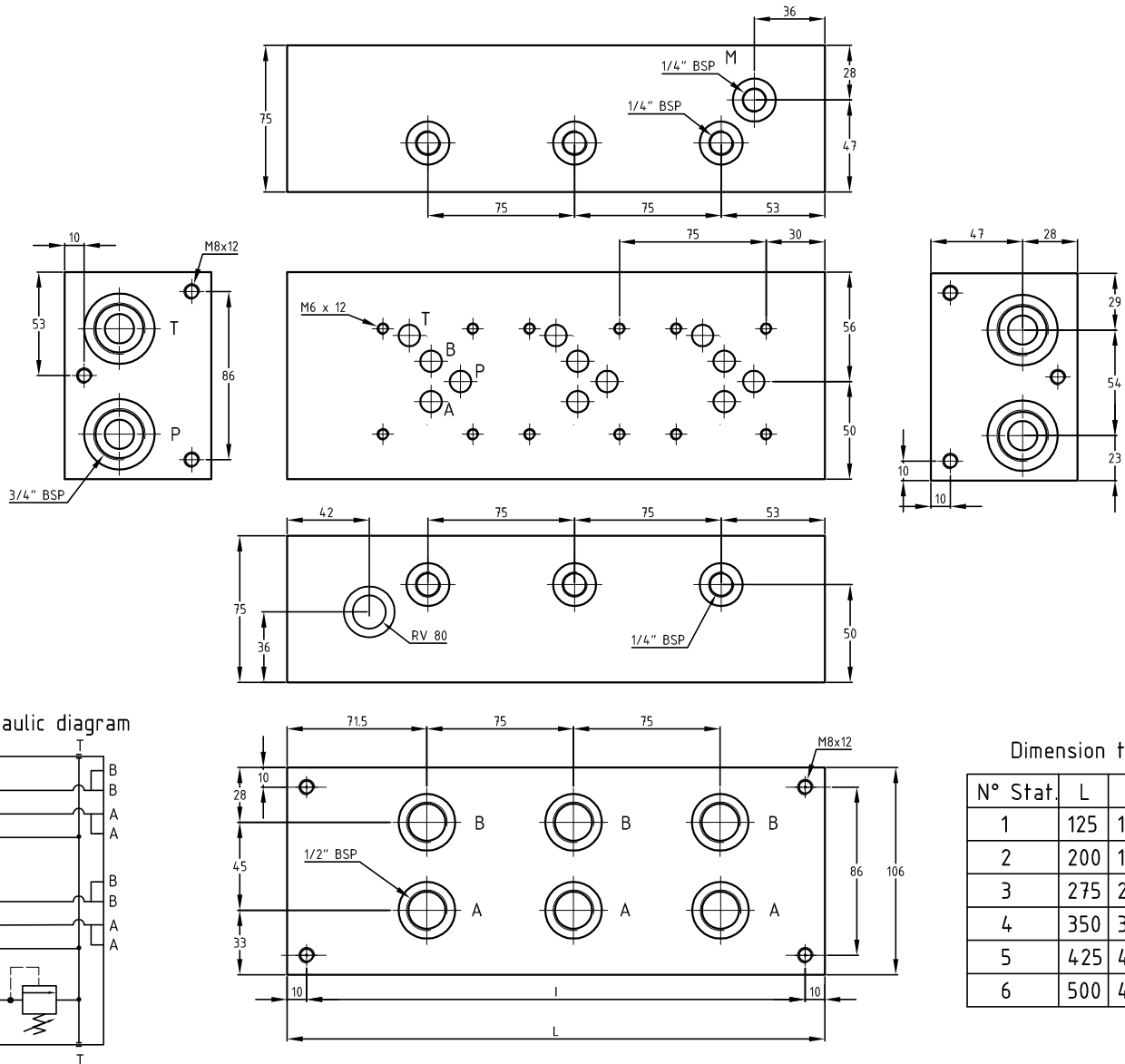
S = attacchi A-B laterali
S = side ports A-B

0 = senza valvola di max.
0 = without relief valve
2 = con valvola di max. RV 120/78 sez.M07
2 = with relief valve RV 120/78 see sect. M07

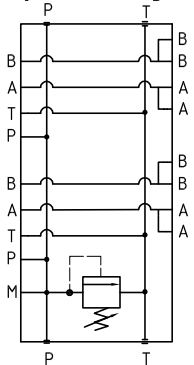
34 = attacchi da 3/4" BSP
34 = ports 3/4" BSP

MB 25

Piastre multiple in ghisa per elett. Cetop 05 con utilizzi A-B posteriori o posteriori e laterali
Manifold in cast iron for electrovalves Cetop 05 with A-B rear ports or rear and side ports



Hydraulic diagram



Dimension table

N° Stat.	L	I	Kg
1	125	105	6
2	200	180	11
3	275	255	15
4	350	330	19
5	425	405	23
6	500	480	27

Esempio di ordinazione - Ordering code

MB25 / * * ** * *

Monoblocco in ghisa Cetop 05
Block in cast iron Cetop 05

N° di posizioni
Stations number

R = attacchi A-B posteriori
R = rear ports A-B

RS = attacchi A-B posteriori 1/2" e laterali 1/4" BSP
RS = rear 1/2" and side ports A-B 1/4" BSP

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=75÷350 bar Q=80 lt/min

0 = senza valvola di max.

0 = without relief valve

1 = pred. per valvola di max. RV 80

1 = prearranged for relief valve RV 80

2 = con valvola di max. RV 80 (pag. M06)

2 = with relief valve RV 80 (page M06)

12 = attacchi da 1/2" BSP

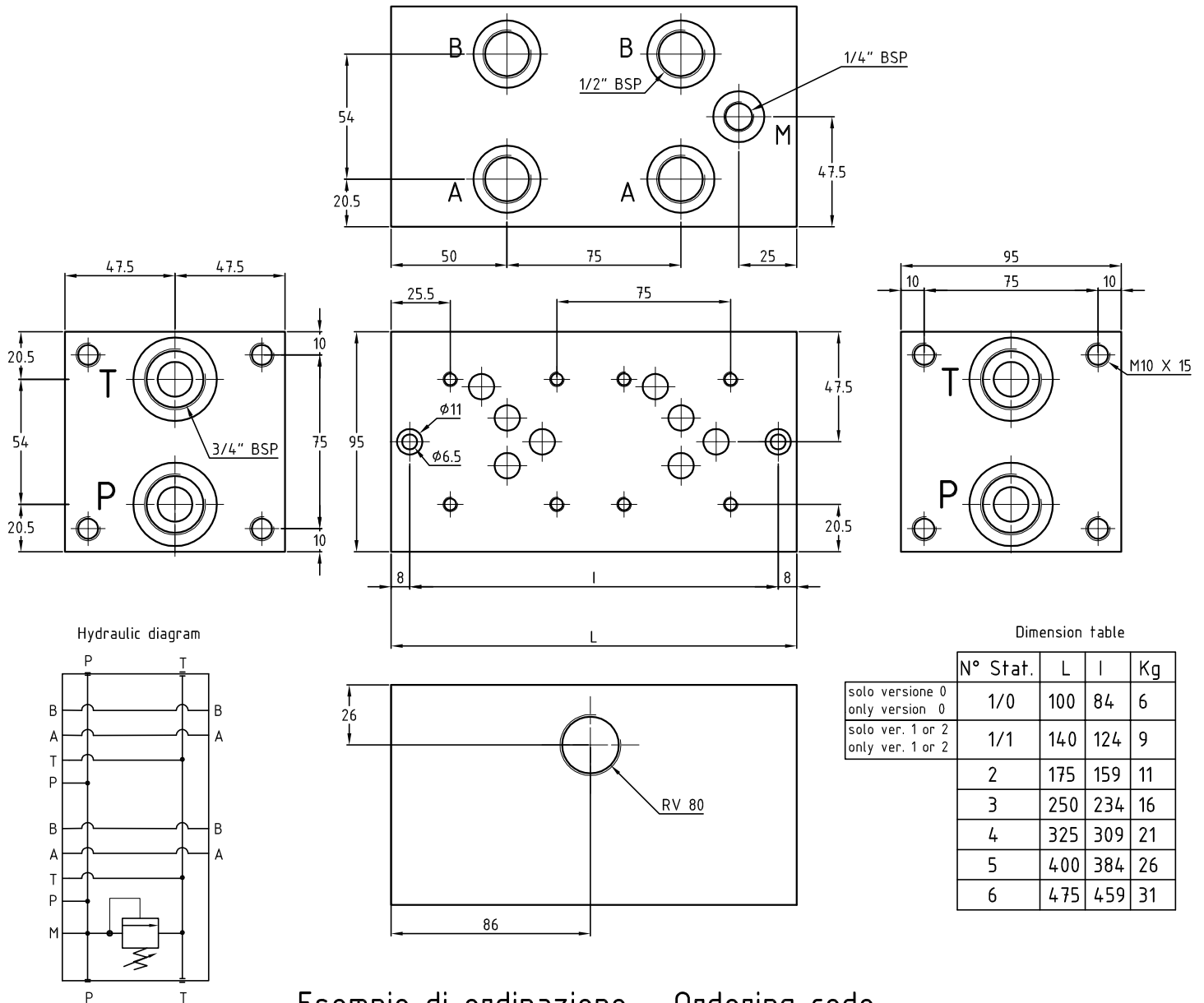
12 = ports 1/2" BSP

34 = attacchi da 3/4" BSP (su richiesta)

34 = ports 3/4" BSP (on request)

MB 35

Piastre multiple in ghisa per elettrovalvole Cetop 05 con utilizzi A-B laterali
Monoblock in cast iron for electrovalves Cetop 05 with A-B side ports



Esempio di ordinazione - Ordering code

MB35 / * S ** * *

Monoblocco in ghisa Cetop 05
Block in cast iron Cetop 05

N° di posizioni
Stations number

S = attacchi A-B laterali
S = side ports A-B

Y=5÷55bar A=25÷110 bar B=50÷250 bar
C=75÷350 bar Q=80 lt/min

0 = senza valvola di max.

0 = without relief valve

1 = pred. per valvola di max. RV 80

1 = prearranged for relief valve RV 80

2 = con valvola di max. RV 80 (pag. M06)

2 = with relief valve RV 80 (page M06)

12 = attacchi da 1/2" BSP

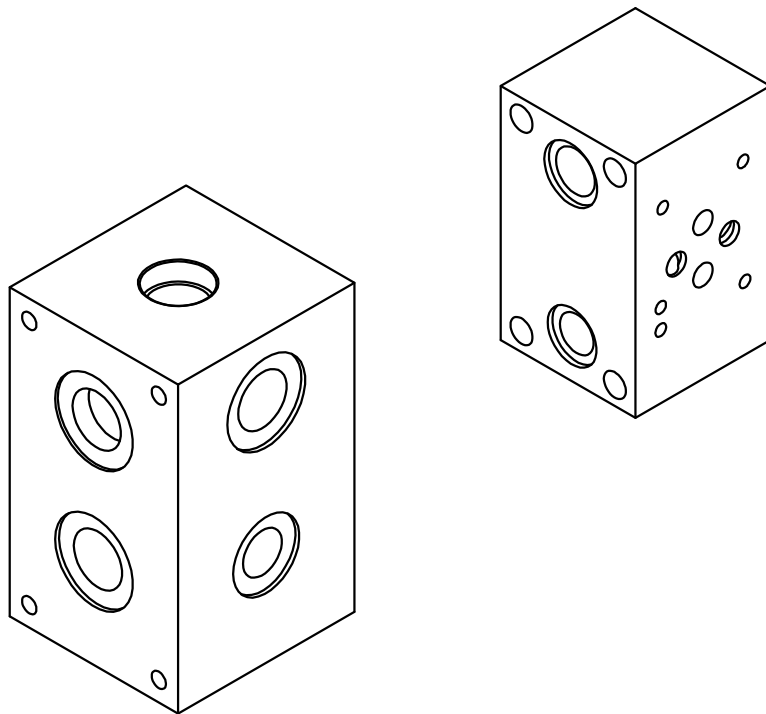
12 = ports 1/2" BSP

34 = attacchi da 3/4" BSP

34 = ports 3/4" BSP

Piastre componibili Cetop 03

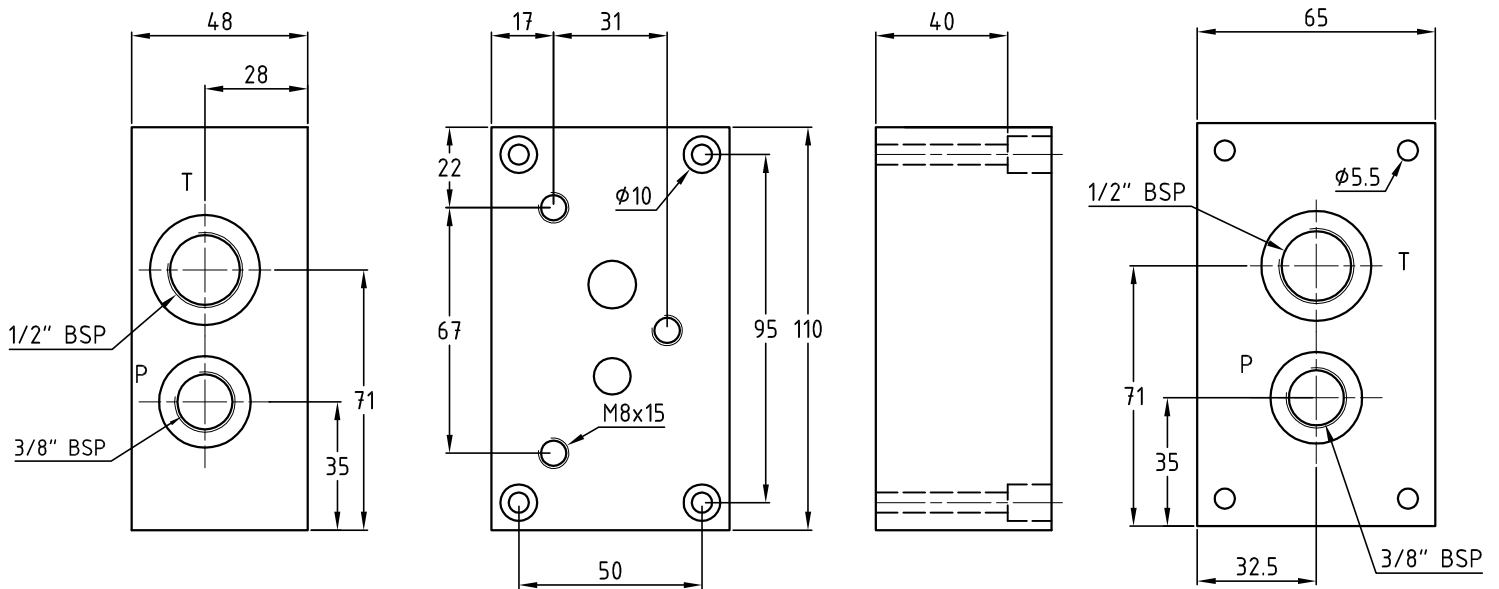
Packing plate Cetop 03



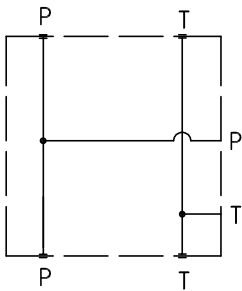
Sezione D
Section D

PC33B

Piastra di base in ghisa modulare a 3 tiranti
Basic element 3 tie-rods in cast iron



Hydraulic diagram



Fornita con \ Supplied with :
1 tappo\plug 1/4" BSP
1 tappo\plug 3/8" BSP

Peso\Weight 2,1 kg

Esempio di ordinazione - Ordering code

PC3 3 B

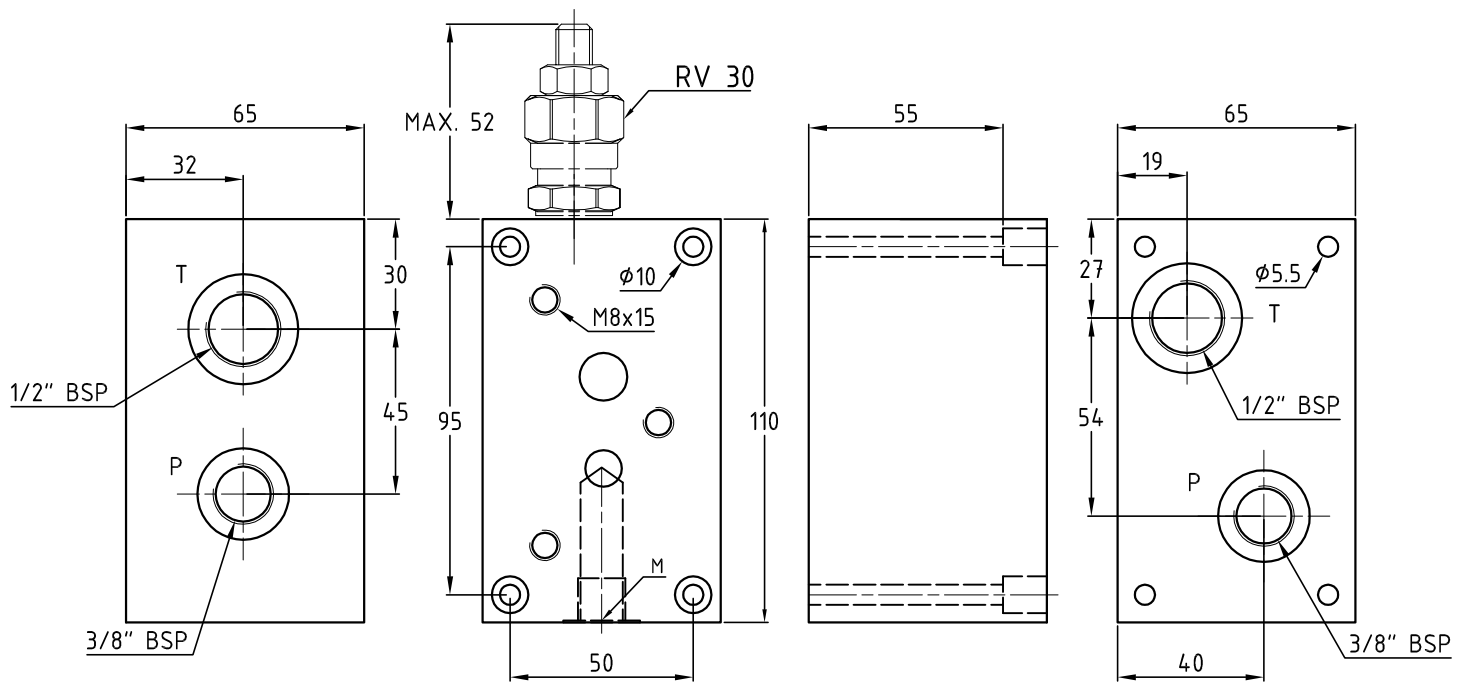
Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 3 tiranti
N° 3 tie-rods

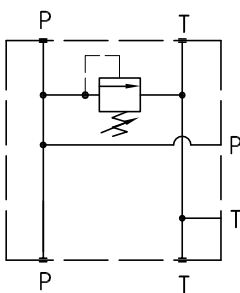
Piastra di base
Basic element

PC33BM

Piastra di base modulare in ghisa a 3 tiranti con valvola di max.
Basic element 3 tie-rods in cast iron with relief valve



Hydraulic diagram



Peso\Weight 2,6 kg

Esempio di ordinazione - Ordering code

PC3 3 BM * *

Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra di base in ghisa con valvola di max.
Basic element in cast iron with relief valve

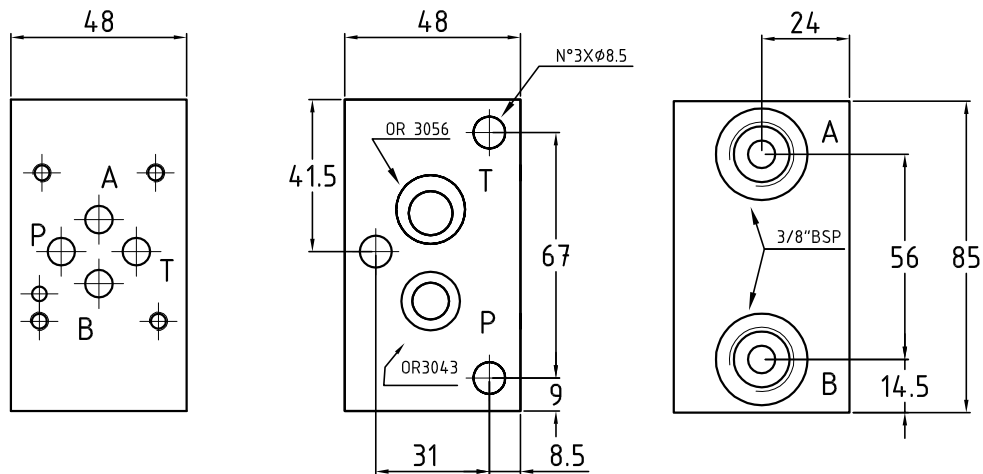
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar (page M02)

1 = pred. per valvola di max.
1 = prearranged for relief valve

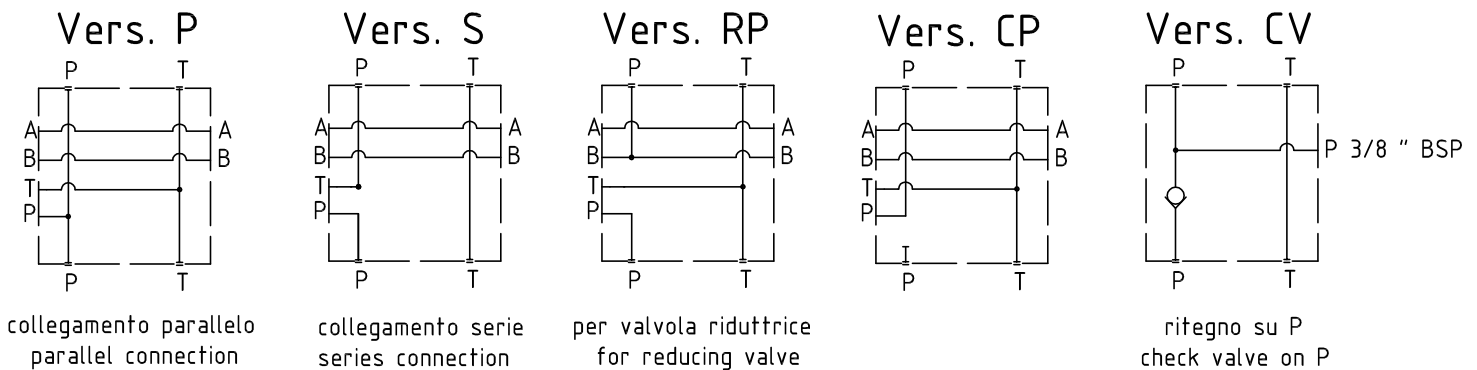
2 = con valvola di max.
2 = with relief valve

PC33I

Piastra intermedia modulare in ghisa a 3 tiranti
Intermediate element in cast iron 3 tie-rods version



Hydraulic diagram



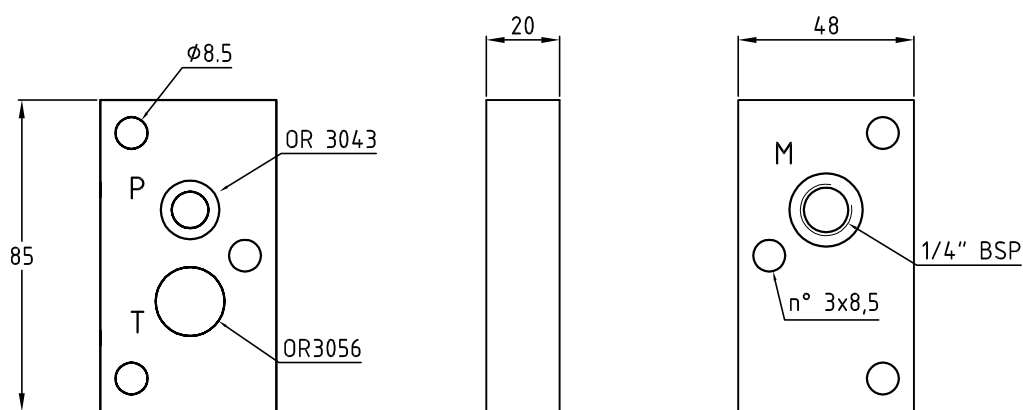
Peso\Weight 1 kg

Esempio di ordinazione - Ordering code

PC3	3	I /	**	
Piastra componibile in ghisa Cetop 03 Packing plate in cast iron Cetop 03	N° 3 tiranti N° 3 tie-rods	Piastra intermedia intermediate element		Omettere se versione P Omit if version P S = versione S S = version S RP = versione RP RP = version RP CP = versione CP CP = version CP CV = versione CV CV = version CV

PC33C

Piastra di chiusura in ghisa versione a 3 tiranti
Closing element in cast iron 3 tie-rods version



Peso\Weight 0.6 kg

Esempio di ordinazione - Ordering code

PC3 3 C

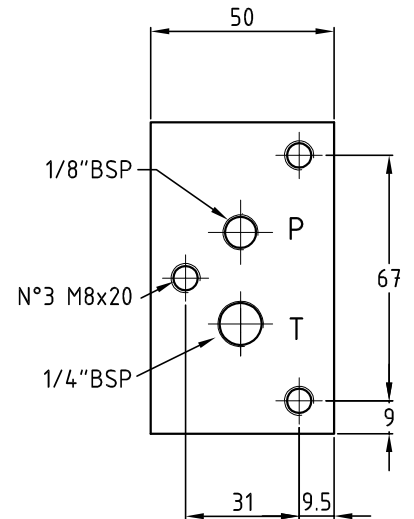
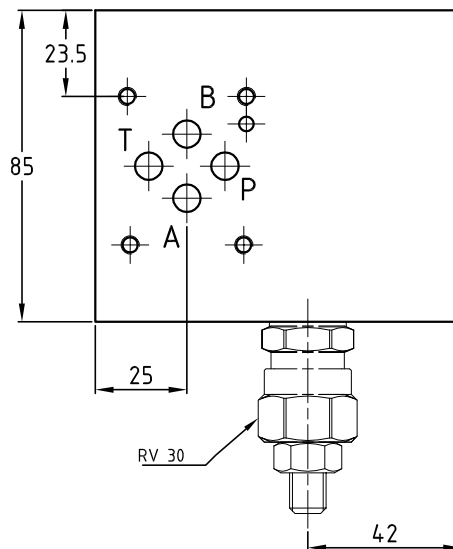
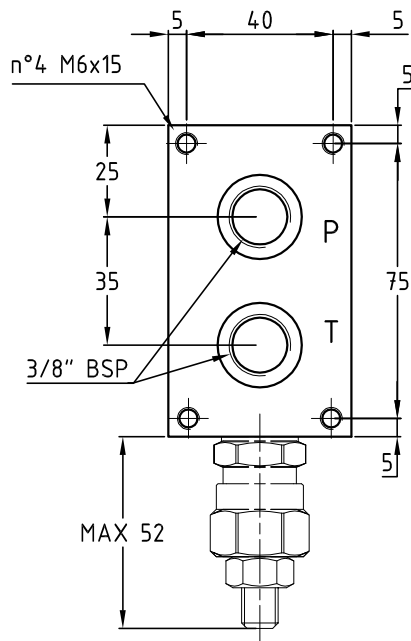
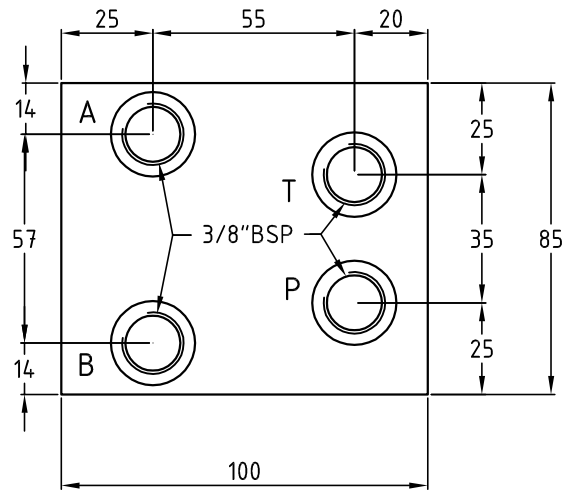
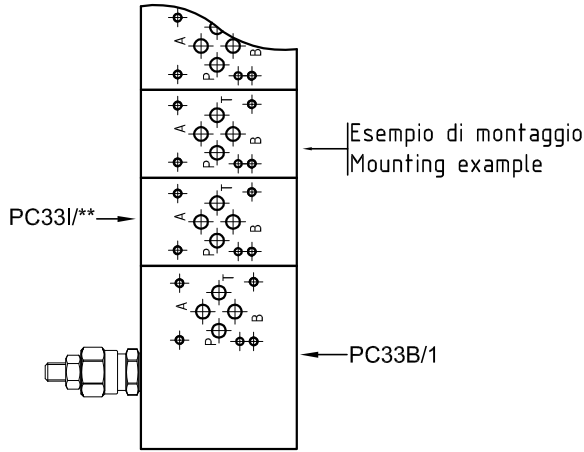
Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra di chiusura
Closing element

PC33B/1

Piastra di base modulare in ghisa a 3 tiranti con 1 o più posizioni Cetop 03
Basic element in cast iron 3 tie-rods with 1 or more position Cetop 03



Peso\Weight 2,3 kg

Esempio di ordinazione - Ordering code

PC3 3 B / 1 * *

Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra di base
Basic element

Con 1 pos. Cetop 03
With 1 position Cetop 03

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar

0 = senza valvola di max.

0 = without relief valve

1 = pred. per valvola di max. RV 30

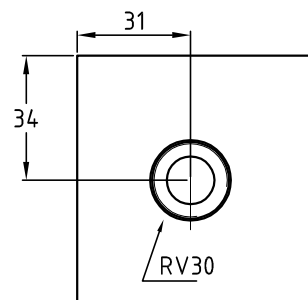
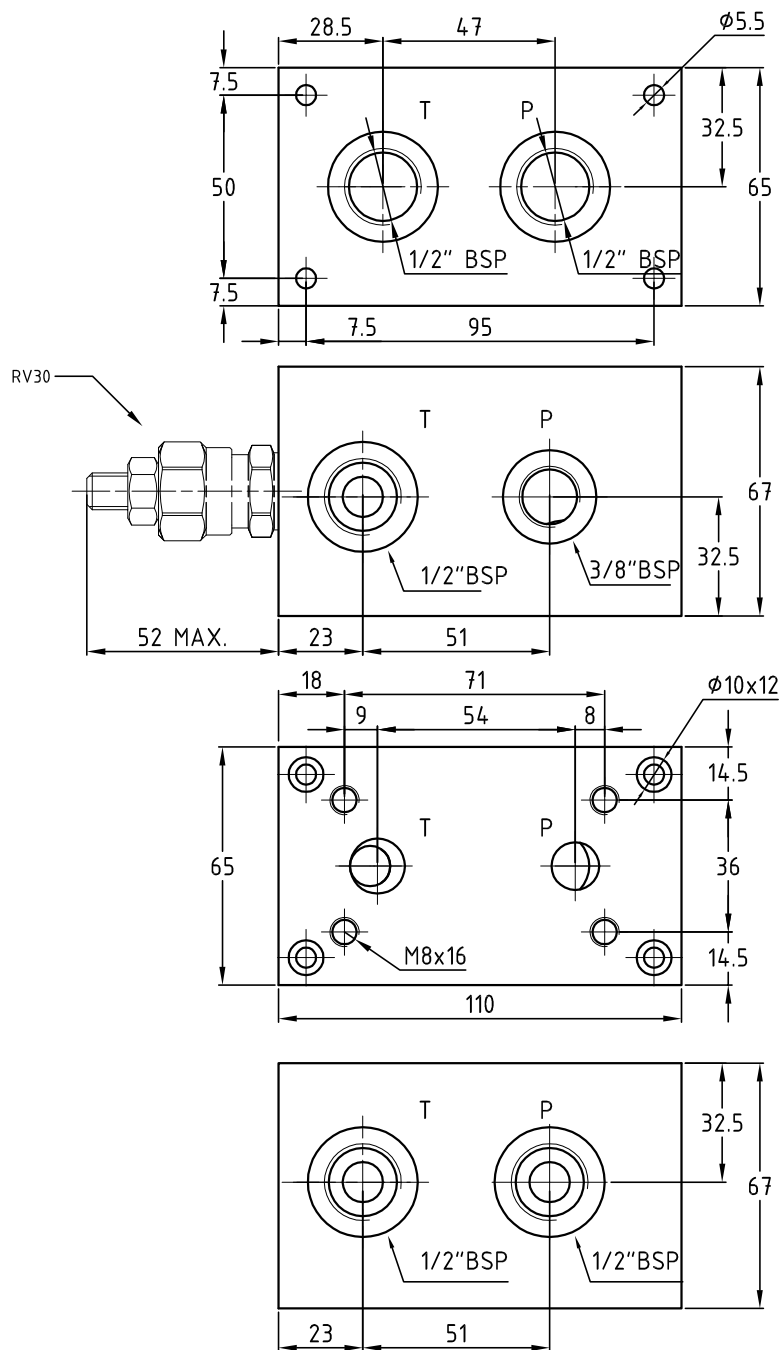
1 = prearranged for relief valve RV 30

2 = con valvola di max. RV 30 (pag. M02)

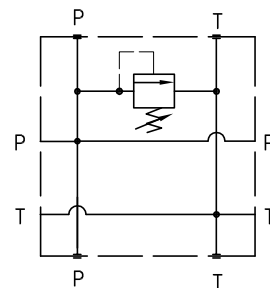
2 = with relief valve RV 30 (page M02)

PC34BM

Piastra di base modulare in ghisa a 4 tiranti con valvola di massima
Basic element in cast iron 4 tie-rods with relief valve



Hydraulic diagram



Peso\Weight 2,6 kg

Esempio di ordinazione - Ordering code

PC3 4 B M * *

Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 4 tiranti
N° 4 tie-rods

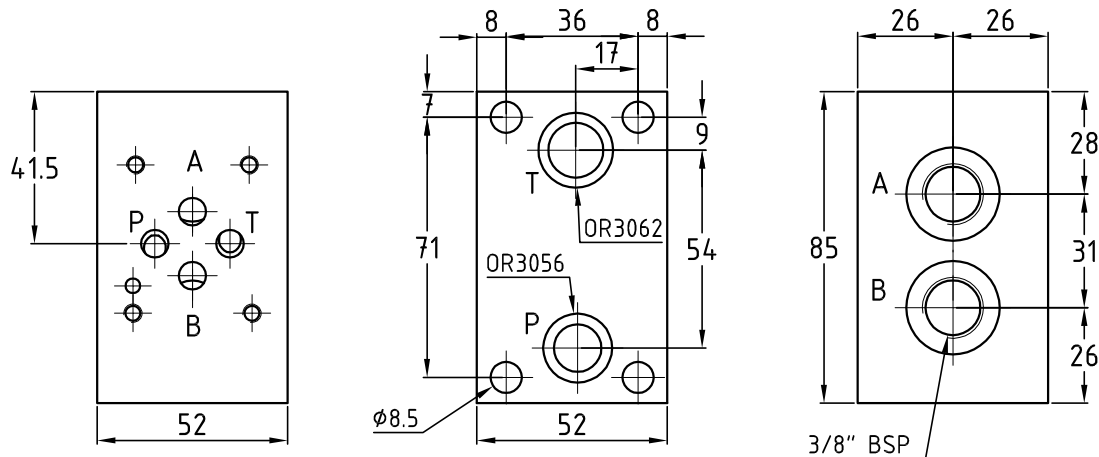
Piastra di base in ghisa
Basic element in cast iron

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar

1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30
2 = con valvola di max. RV 30 (pag. M02)
2 = with relief valve RV 30 (page M02)

PC34I

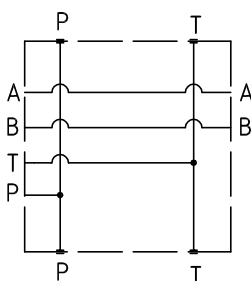
Piastra intermedia modulare in ghisa a 4 tiranti
Intermediate element in cast iron 4 tie-rods version



Hydraulic diagram

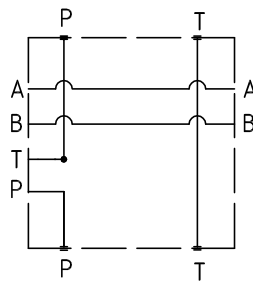
Peso\Weight 1,4 kg

Vers. P



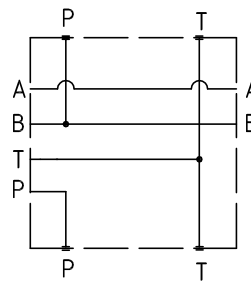
coll. in parallelo
parallel conn.

Vers. S

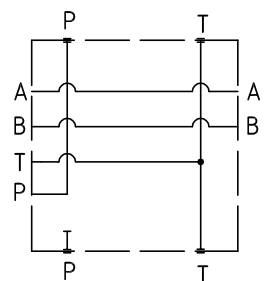


coll. in serie
series conn.

Vers. RP



Vers. CP



Esempio di ordinazione - Ordering code

PC3 4 I/ **

Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 4 tiranti
N° 4 tie-rods

Piastra intermedia
intermediate element

Omettere se coll. in parallelo P
Omit if parallel conn. P

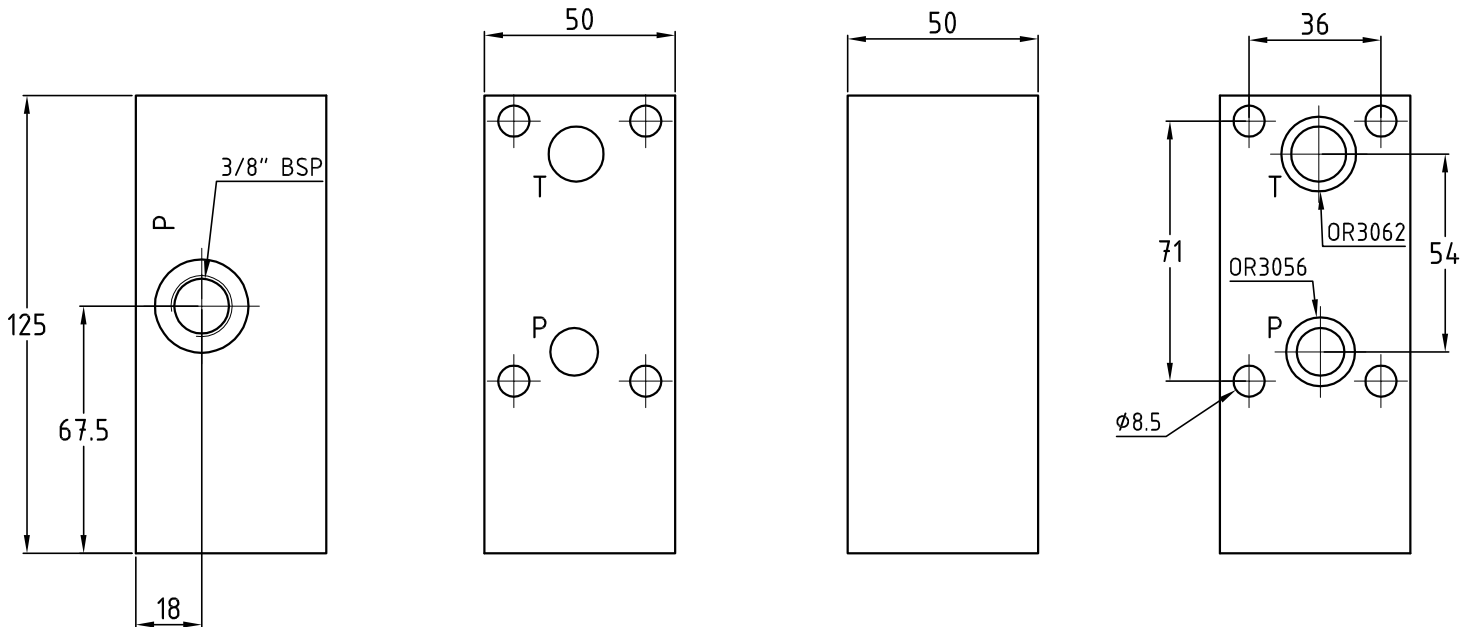
S = collegamento in serie
S = series connection

RP = per valvola riduttrice
RP = for reducing valve

CP = versione simbolo CP
CP = vers. hydraulic symbol CP

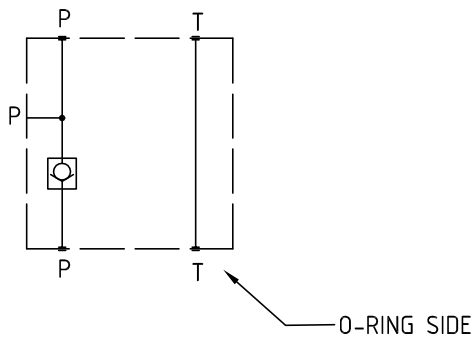
PC34IAR

Piastra intermedia modulare in ghisa a 4 tiranti con ritegno
Intermediate element in cast iron 4 tie-rods version with check valve

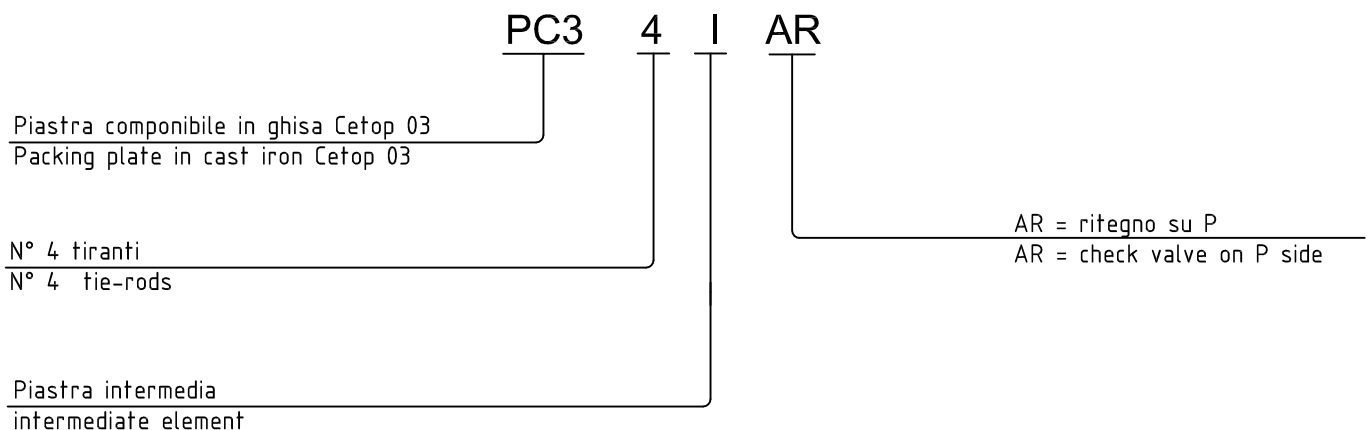


Hydraulic diagram

Peso\Weight 2,1 kg

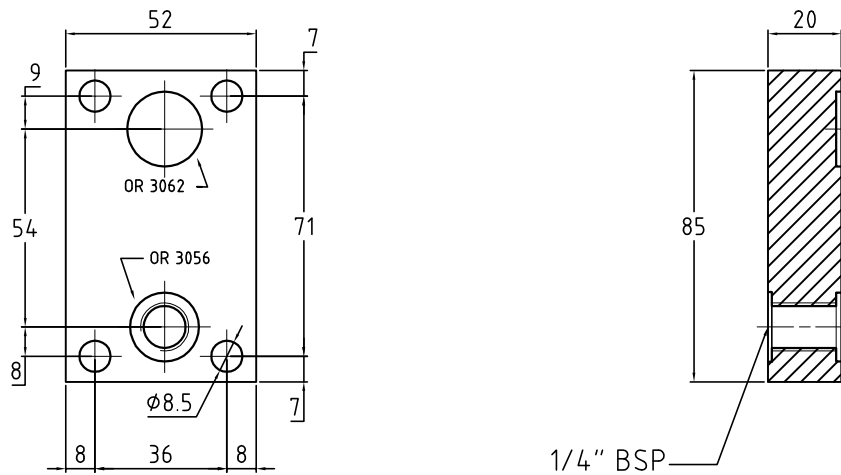


Esempio di ordinazione - Ordering code



PC34C

Piastra di chiusura in ghisa versione 4 tiranti
Closing element in cast iron 4 tie-rods version



Peso\Weight 0,5 kg

Esempio di ordinazione - ordering code

PC3 4 C

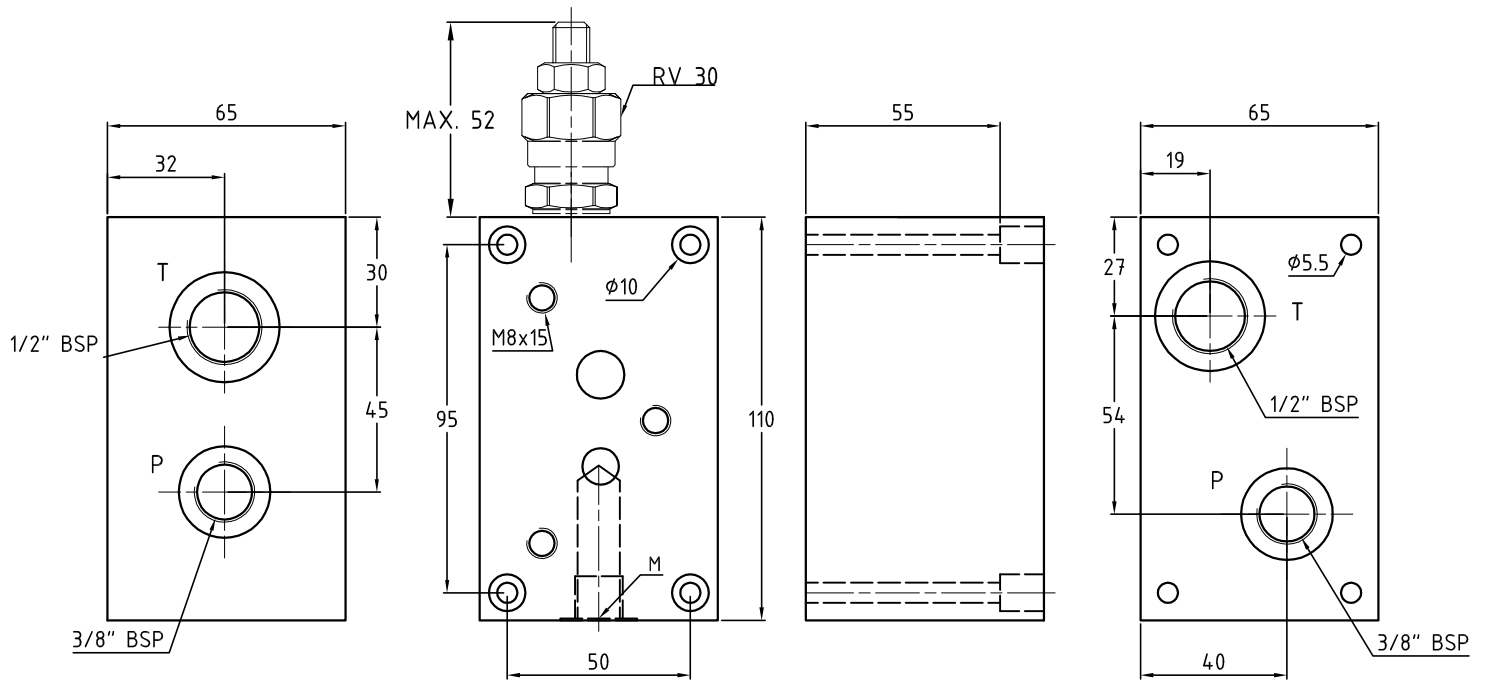
Piastra componibile in ghisa Cetop 03
Packing plate in cast iron Cetop 03

N° 4 tiranti
N° 4 tie-rods

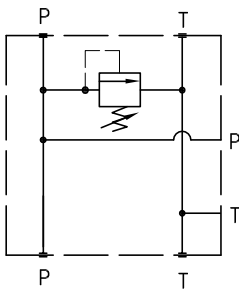
Piastra di chiusura in ghisa
Closing element in cast iron

PCA33BM

Piastra di base in alluminio a 3 tiranti con valvola di massima
Aluminium basic element 3 tie-rods with relief valve



Hydraulic diagram



Solo su ordinazione
Only on request

Esempio di ordinazione - Ordering code

PCA3 3 BM * *

Piastra componibile in alluminio Cetop 03
Packing plate in aluminium Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra di base in all. con valvola di max.
Aluminium basic element with relief valve

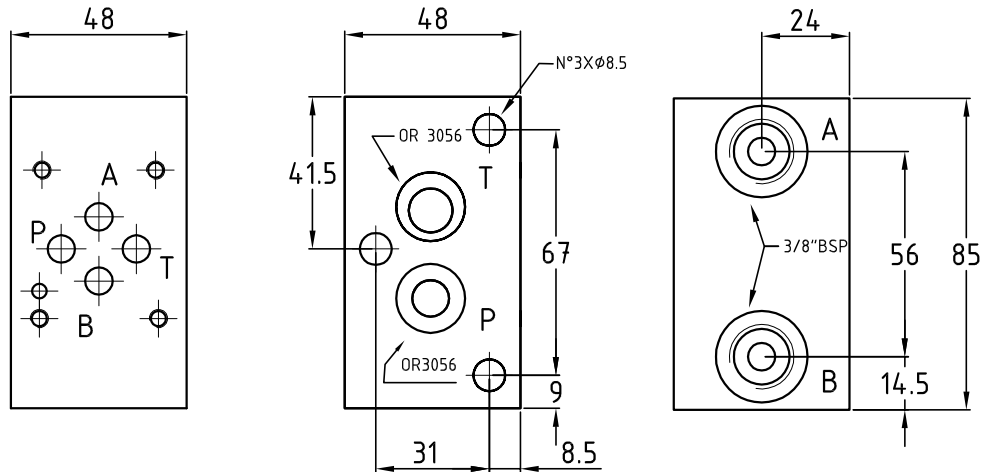
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar Q=30 l min

1 = pred. per valvola di max.
1 = prearranged for relief valve

2 = con valvola di max. RV 30 (pag. M02)
2 = with relief valve RV 30 (page M02)

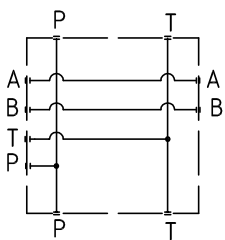
PCA33I

Piastra intermedia modulare in alluminio a 3 tiranti
Aluminium intermediate element 3 tie-rods version



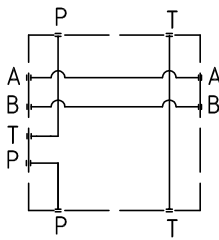
Hydraulic diagram

Vers. P



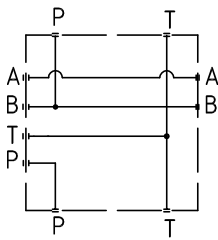
coll. in parallelo
parallel conn.

Vers. S

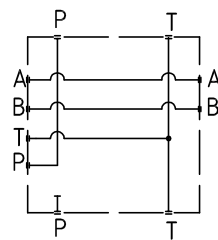


coll. in serie
series conn.

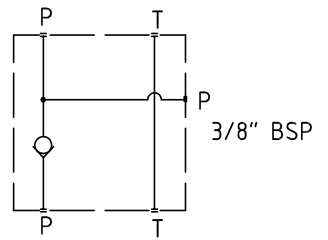
Vers. RP



Vers. CP



Vers. CV



Solo su ordinazione
Only on request

Esempio di ordinazione - Ordering code

PCA3 3 I / **

Piastra componibile in alluminio Cetop 03
Packing plate in aluminum Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra intermedia
intermediate element

Omettere se Versione P
Omit if Version P

S = Version S
S = Version S

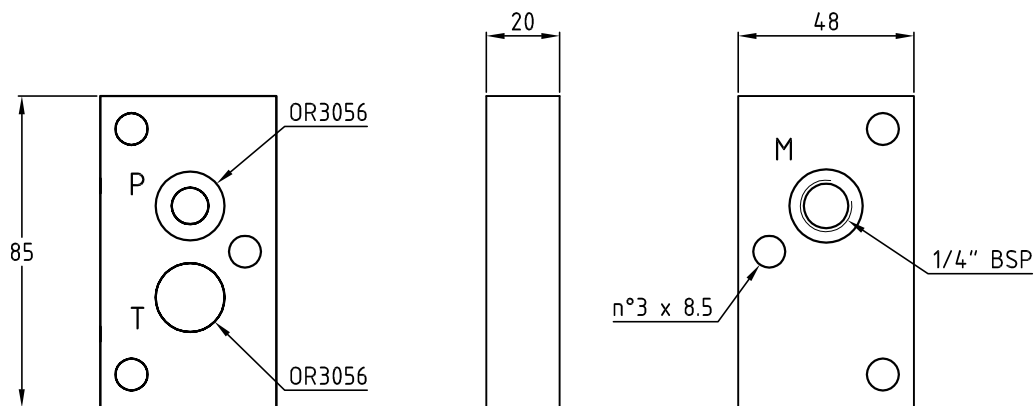
RP = Versione RP per valvola riduttrice
RP = Version RP for reducing valve

CP = Versione CP
CP = Version CP

CV = Versione CV con ritegno su bocca P
CV = Version CV with check valve on P port

PCA33C

Piastra di chiusura in alluminio versione 3 tiranti
Closing element in aluminium 3 tie-rods version



Solo su ordinazione
Only on request

Esempio di ordinazione - Ordering code

PCA3 3 C

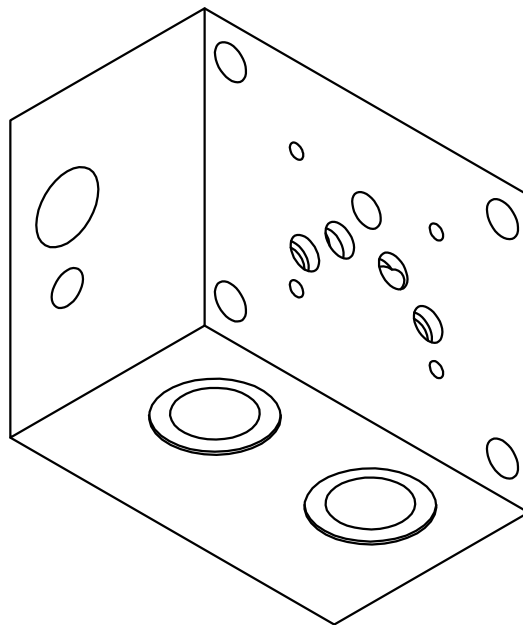
Piastra componibile in alluminio Cetop 03
Packing plate in aluminium Cetop 03

N° 3 tiranti
N° 3 tie-rods

Piastra di chiusura
Closing element

Piastre singole Cetop 03-05

Single subplate Cetop 03-05



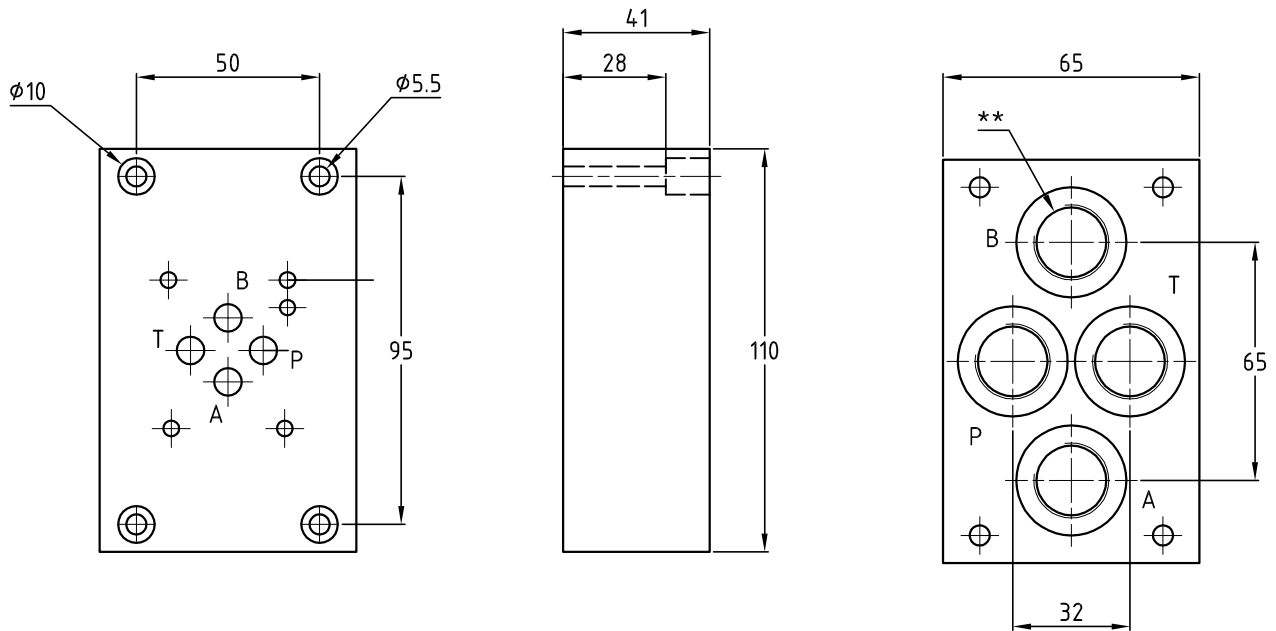
Sezione E

Section E

PS3R**

Piastra singola Cetop 03 in ghisa con attacchi posteriori

Basic element Cetop 03 in cast iron with rear ports



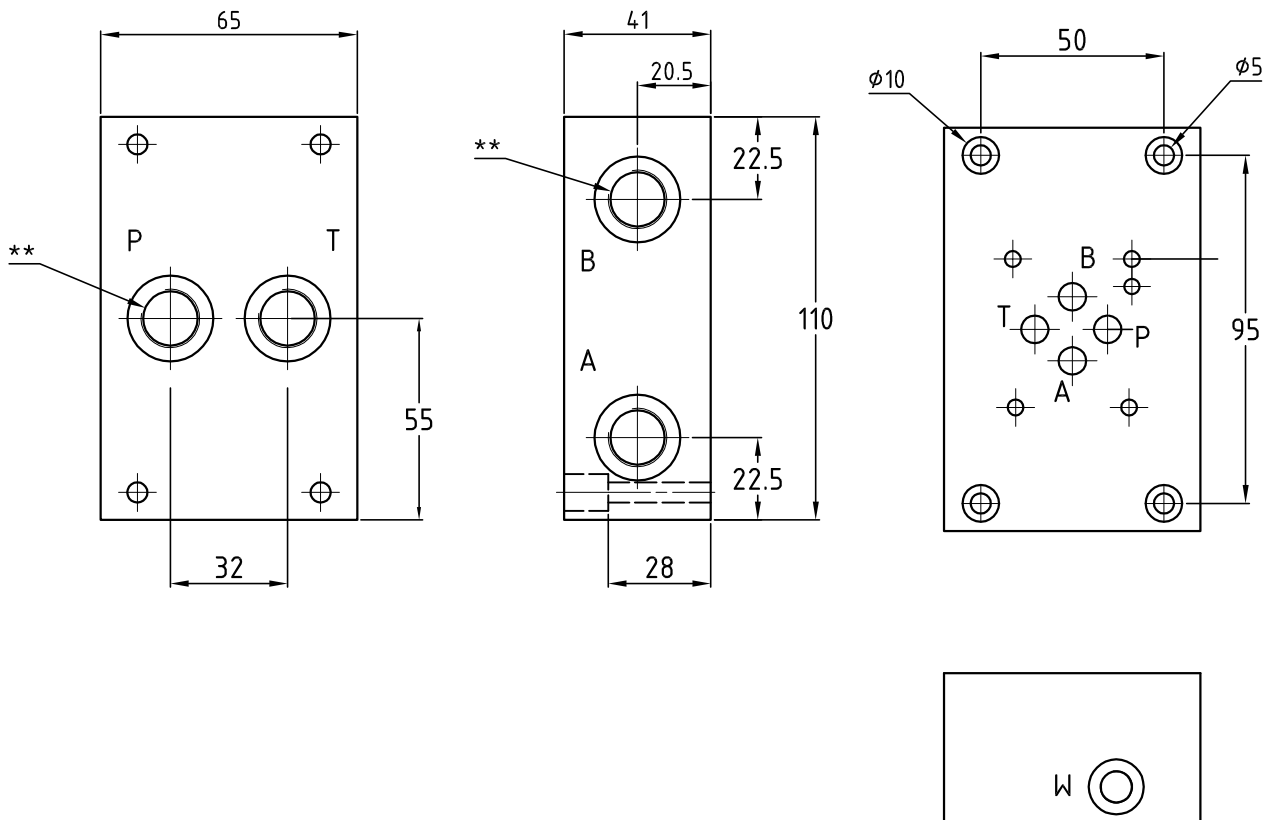
Peso\Weight 2 kg

Esempio di ordinazione - Ordering code

PS3	R	**
Piastra singola Cetop 03 in ghisa Single subplate Cetop 03 in cast iron		14 = attacchi 1/4" BSP 14 = ports 1/4" BSP
		38 = attacchi 3/8" BSP 38 = ports 3/8" BSP
		12 = attacchi 1/2" BSP 12 = ports 1/2" BSP
R = attacchi posteriori R = rear ports		

PS3RS**

Piastra singola Cetop 03 in ghisa con attacchi posteriori e laterali e att. man.
Basic element Cetop 03 in cast iron with rear and side ports with pressure gauge connection



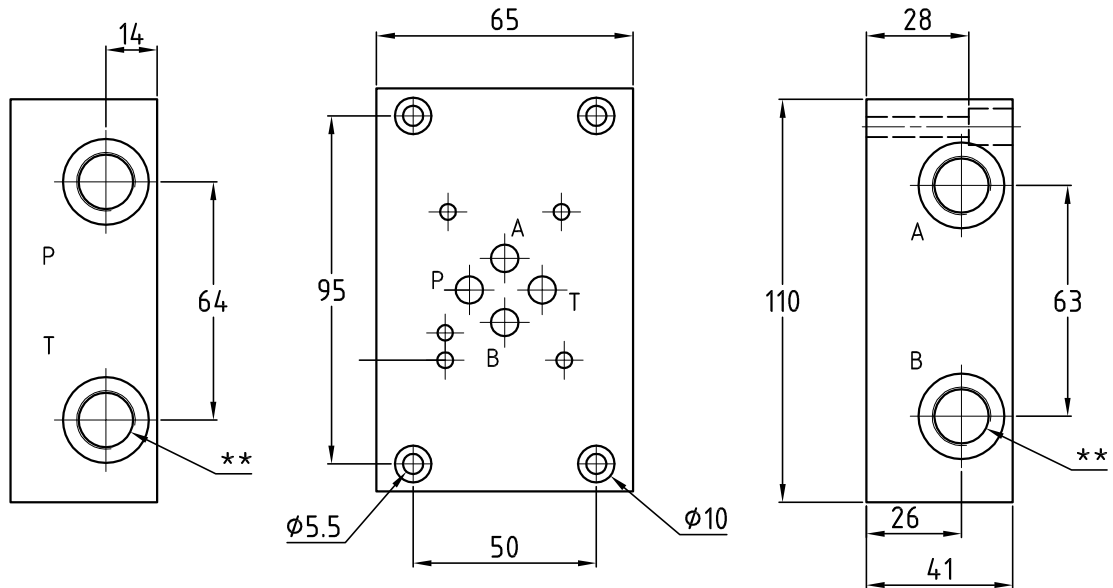
Peso\Weight 2 kg

Esempio di ordinazione - Odering code

PS3	RS	**
Piastra singola Cetop in ghisa Single subplate Cetop 03 in cast iron	RS = attacchi posteriori e laterali RS = rear and side ports	14 = attacchi 1/4" BSP 14 = ports 1/4" BSP 38 = attacchi 3/8" BSP 38 = ports 3/8" BSP

PS3SS**

Piastra singola in ghisa Cetop 03 con attacchi laterali
Basic element in cast iron Cetop 03 with side ports



Peso\Weight 2 kg

Esempio di ordinazione - Ordering code

PS3 SS **

Piastra singola Cetop 03 in ghisa
Single subplate Cetop 03 in cast iron

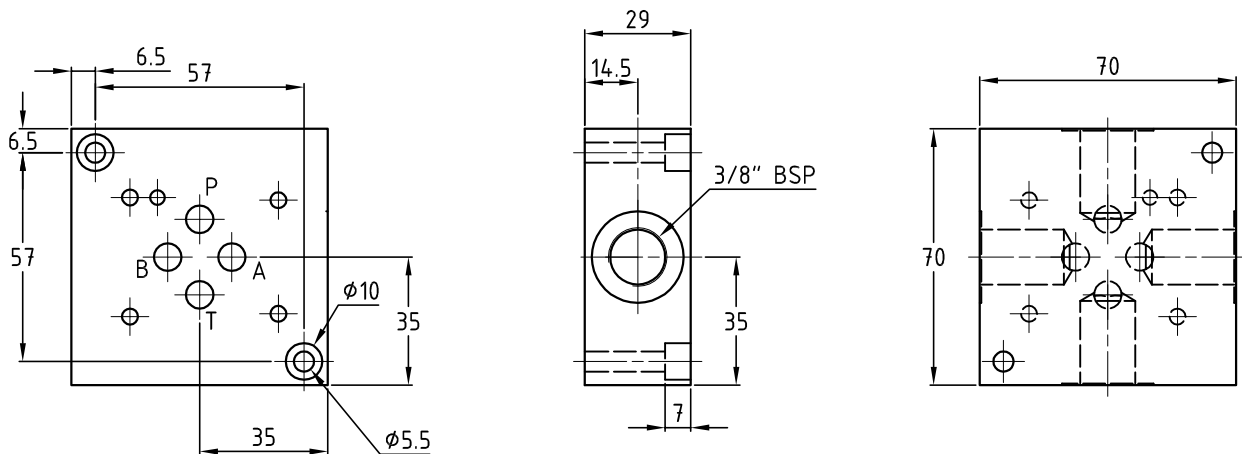
SS = attacchi laterali
SS = side ports

14 = attacchi 1/4" BSP
14 = ports 1/4" BSP

38 = attacchi 3/8" BSP
38 = ports 3/8" BSP

PSQA3S38

Piastra singola quadra Cetop 03 con attacchi laterali
Basic element Cetop 03 with side ports



Peso\Weight 0.35 kg

Esempio di ordinazione - Ordering code

PSQA3 S 38

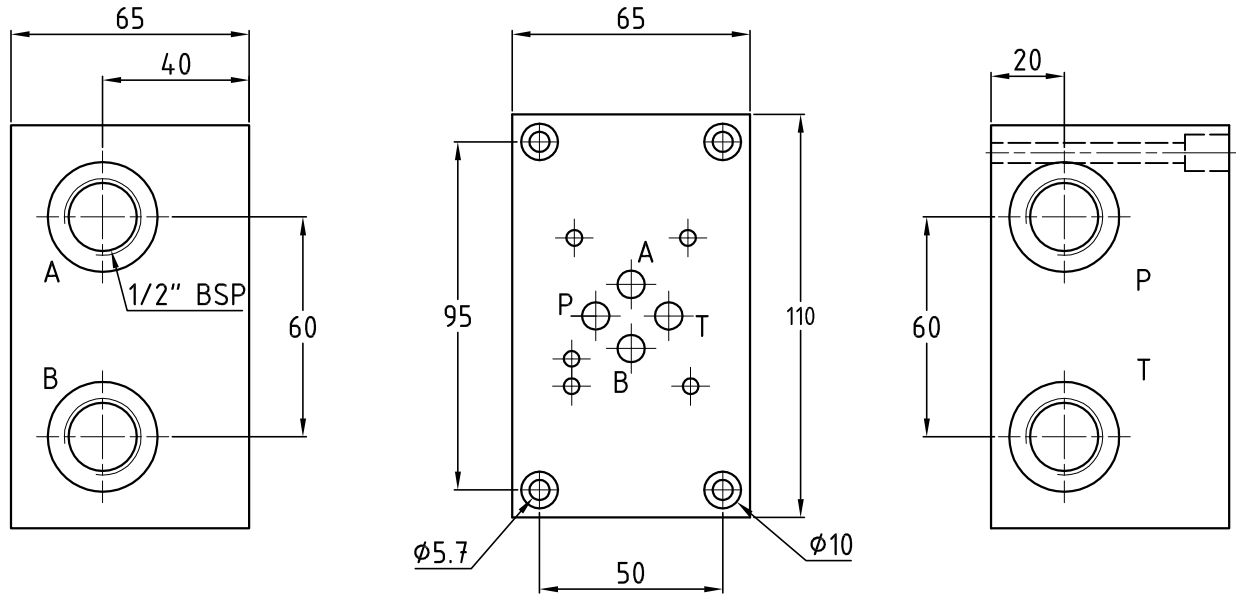
Piastra singola quadrata in alluminio Cetop 03
Single subplate square in aluminium Cetop 03

S = attacchi laterali
S = side ports

38 = attacchi 3/8" BSP
38 = ports 3/8" BSP

PS3SS12

Piastra singola Cetop 03 in ghisa con attacchi laterali
Basic element Cetop 03 in cast iron with side ports



Peso\Weight 2,6 kg

Esempio di ordinazione - Ordering code

PS3 SS 12

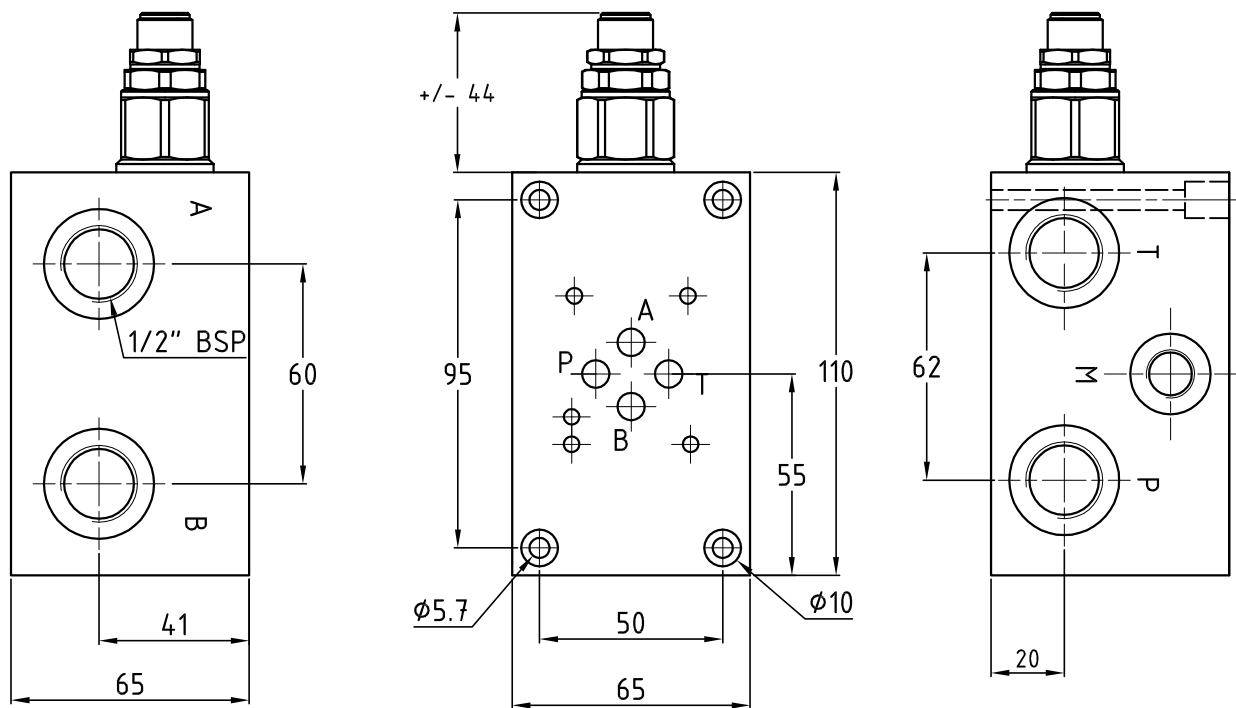
Piastra singola Cetop 03 in ghisa
Single subplate Cetop 03 in cast iron

SS = attacchi laterali
SS = side ports

12 = attacchi 1/2" BSP
12 = ports 1/2" BSP

PS3SS122*

Piastra singola Cetop 03 in ghisa con attacchi laterali e valvola di massima
Basic element Cetop 03 in cast iron with side ports with relief valve



Peso\Weight 2,9 kg

Esempio di ordinazione - Ordering code

PS3 SS 12 2 *

Piastra singola Cetop 03 in ghisa
Single subplate Cetop 03 in cast iron

SS = attacchi laterali
SS = side ports

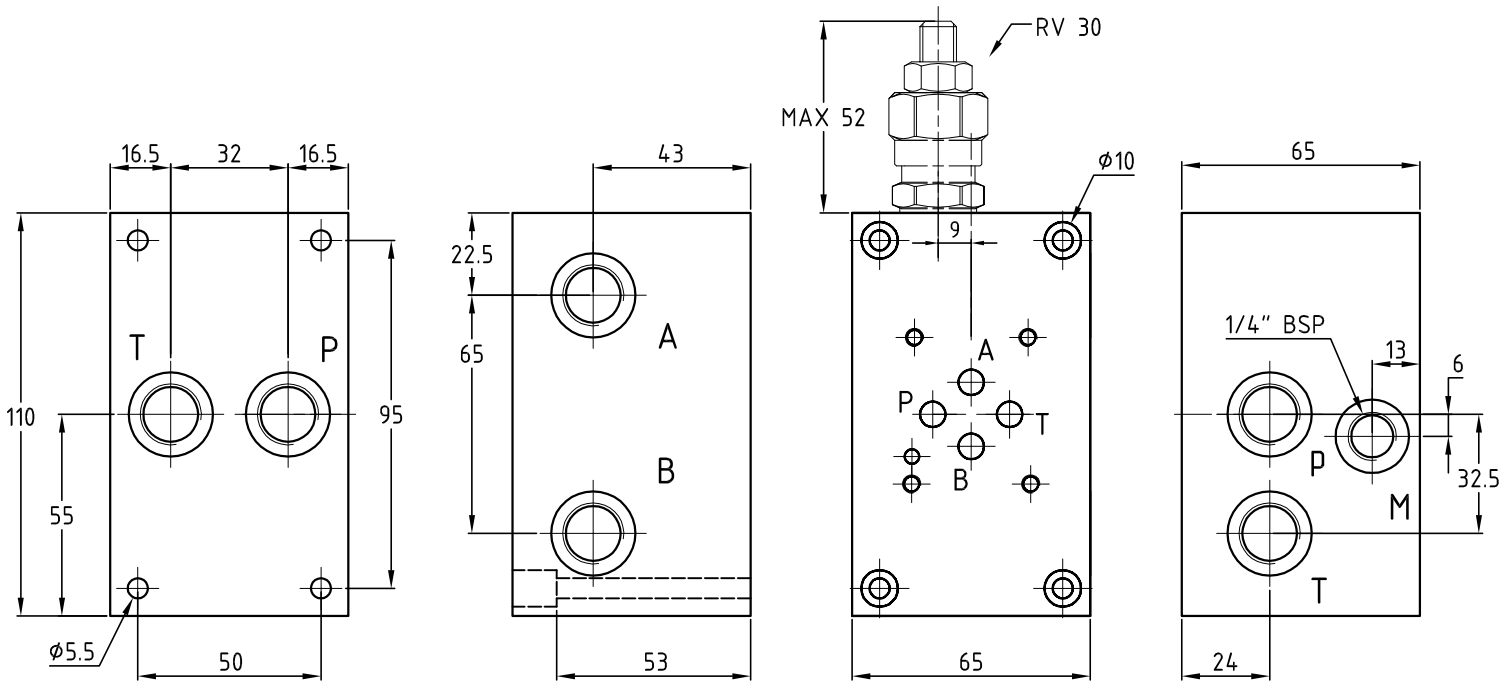
$$\begin{array}{l} Y=15 \div 50 \text{ bar} \quad A=51 \div 120 \text{ bar} \quad B=121 \div 200 \text{ bar} \\ C=201 \div 350 \text{ bar} \end{array}$$

2 = con valvola di max. RV 50 78 (pag. M04)
2 = with relief valve RV 5078 (page M04)

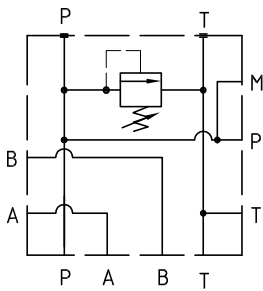
$$\frac{12 = \text{attacchi } 1/2'' \text{ BSP}}{12 = \text{ports } 1/2'' \text{ BSP}}$$

PS3RS382**

Piastra di base Cetop 03 in ghisa con valvola di max.
Basic element in cast iron Cetop 03 with relief valve



Hydraulic diagram



Peso\Weight 2,6 kg

Esempio di ordinazione - Ordering code

PS3 RS 38 * *

Piastra singola Cetop 03 in ghisa
Basic element Cetop 03 in cast iron

RS = attacchi posteriori e laterali
RS = rear and side ports

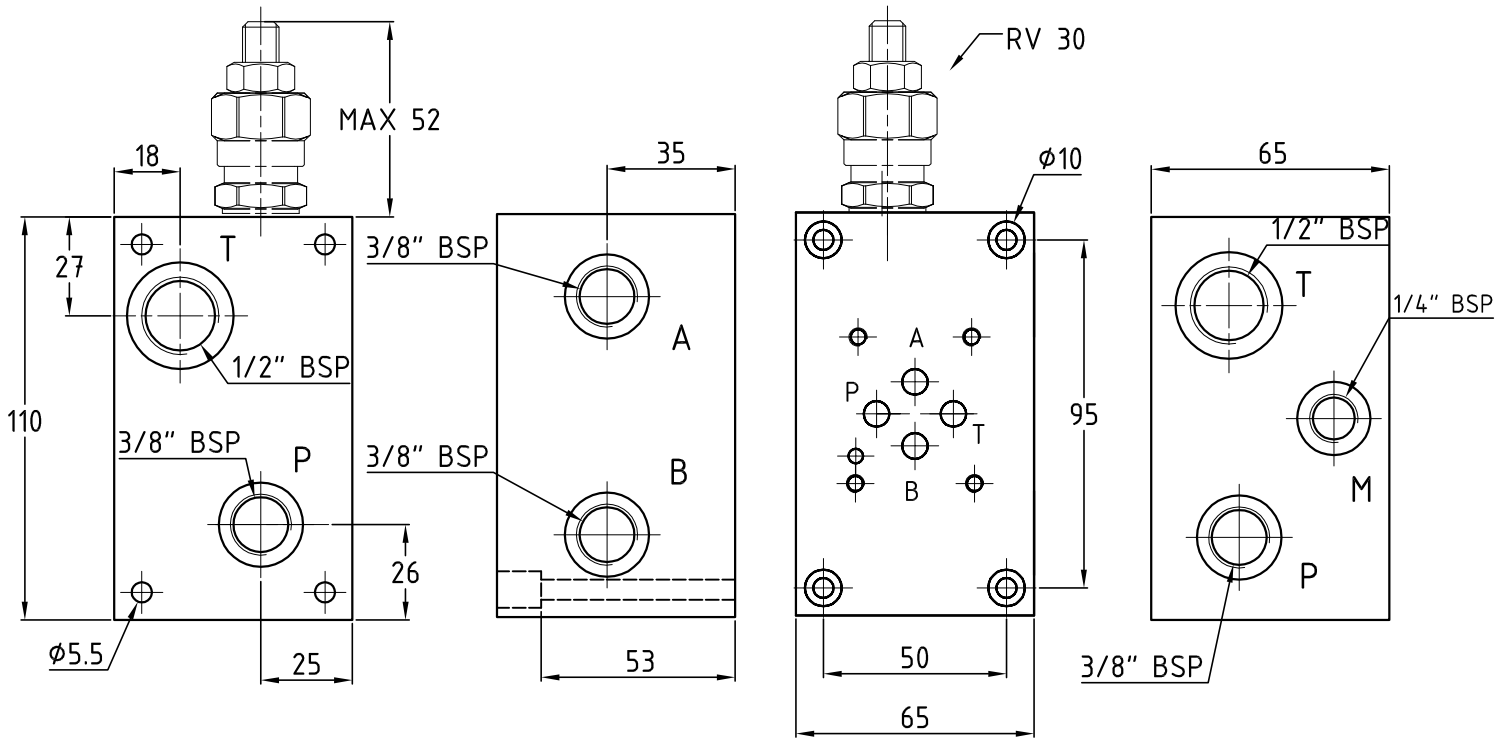
38 = attacchi 3/8\" BSP
38 = ports 3/8\" BSP

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar

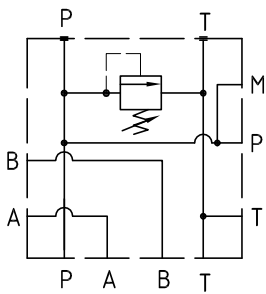
1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30
2 = con valvola di max. RV 30 (pag. M02)
2 = with relief valve RV 30 (page M02)

PS3RS12**

Piastra di base Cetop 03 in ghisa con valvola di max. T=1/2" BSP
Basic element Cetop 03 in cast iron with relief valve T=1/2" BSP



Hydraulic diagram



Peso\Weight 2,6 kg

Esempio di ordinazione - Ordering code

PS3 RS 12 * *

Piastra singola Cetop 03 in ghisa
Basic element Cetop 03 in cast iron

RS = attacchi posteriori e laterali
RS = rear and side ports

12 = attacco T 1/2" BSP
12 = T ports 1/2" BSP

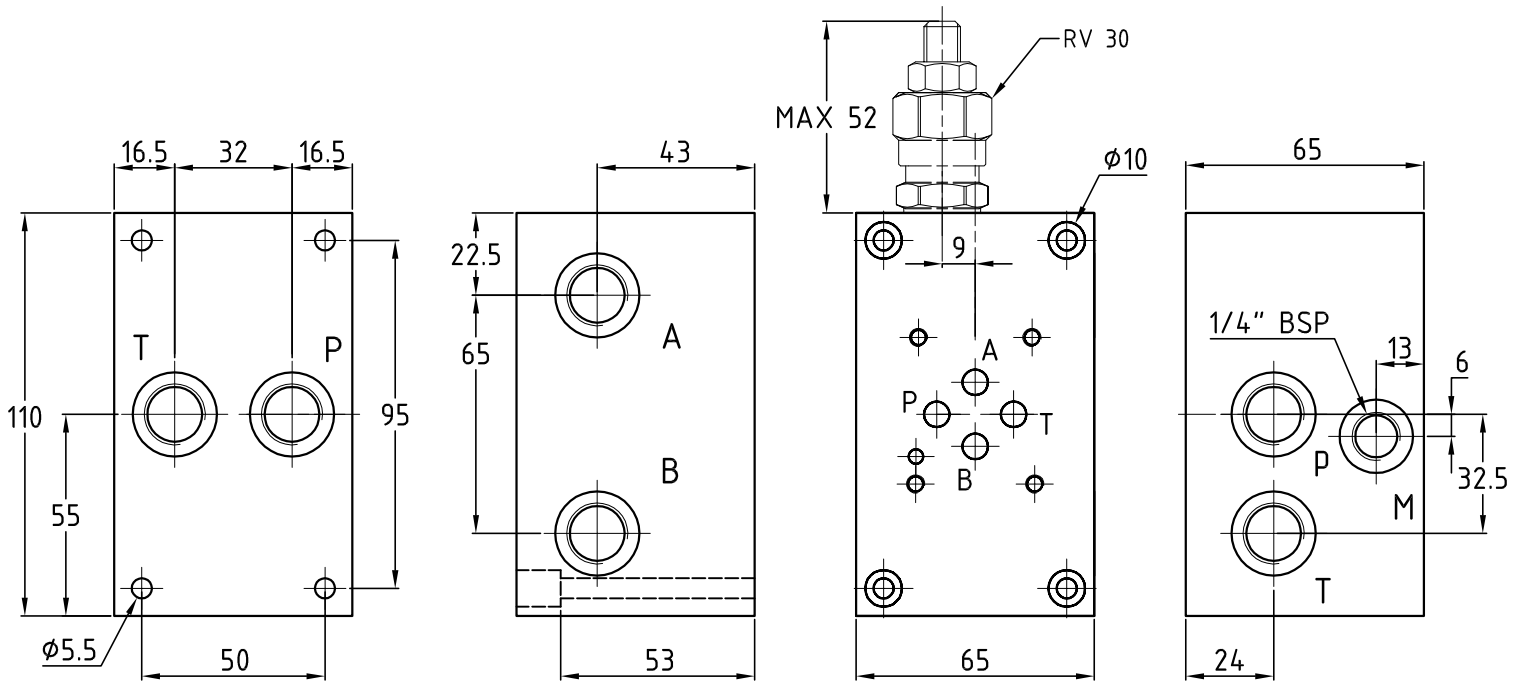
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar

1 = pred. per valvola di max. RV 30
1 = prearranged for relief valve RV 30

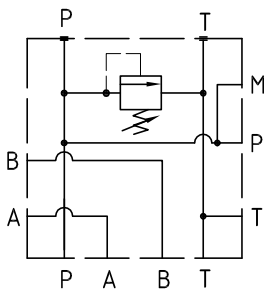
2 = con valvola di max. RV 30 (pag. M02)
2 = with relief valve RV 30 (page M02)

PSA3RS382**

Piastra di base in alluminio Cetop 03 con valvola di massima
Basic element in aluminium Cetop 03 with relief valve



Hydraulic diagram



Peso\Weight 1,4 kg

Esempio di ordinazione - Ordering code

PSA3 RS 38 * *

Piastra singola Cetop 03 in alluminio
Basic element Cetop 03 in aluminium

RS = attacchi posteriori e laterali
RS = rear and side ports

38 = attacchi 3/8\"

Y=5÷55 bar A=25÷110 bar B=50÷250 bar

1 = pred. per valvola di max. RV 30

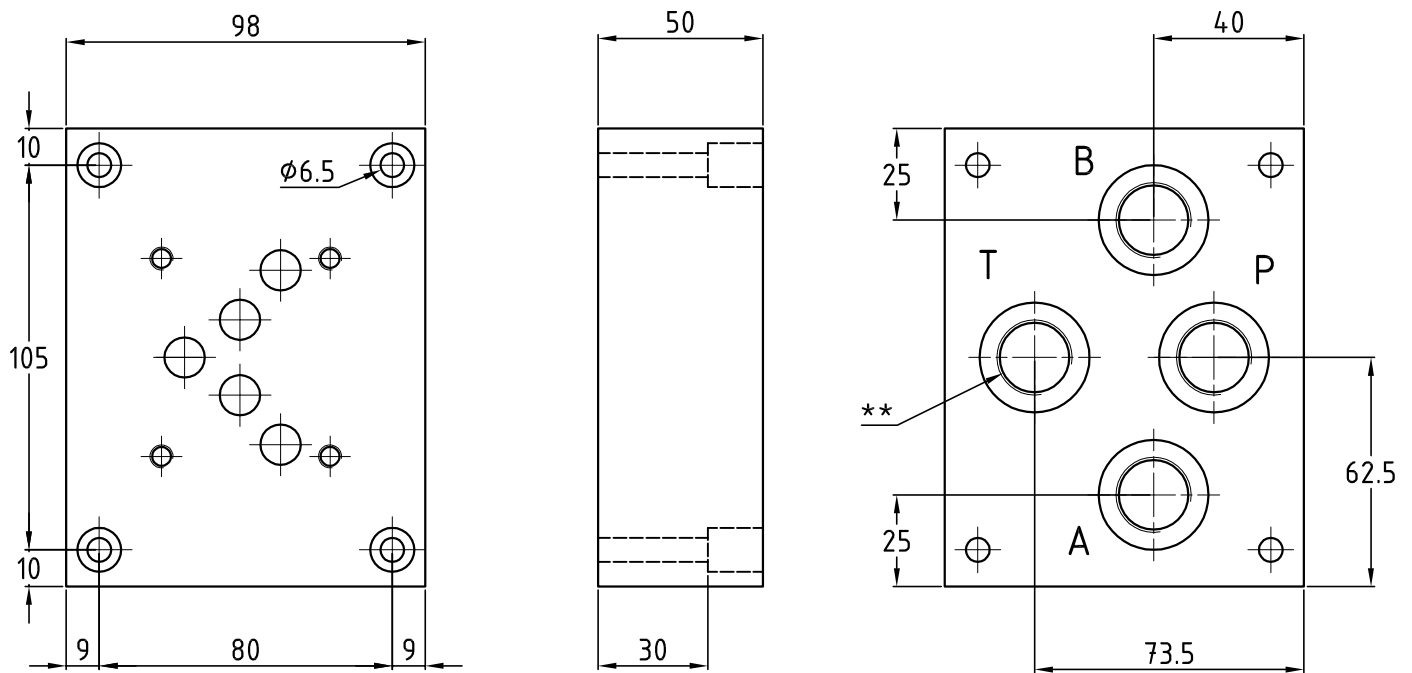
1 = prearranged for relief valve RV 30

2 = con valvola di max. RV 30 (pag. M02)

2 = with relief valve RV 30 (page M02)

PS5R**

Piastra singola Cetop 05 in ghisa con attacchi posteriori
Basic element Cetop 05 in cast iron with rear ports



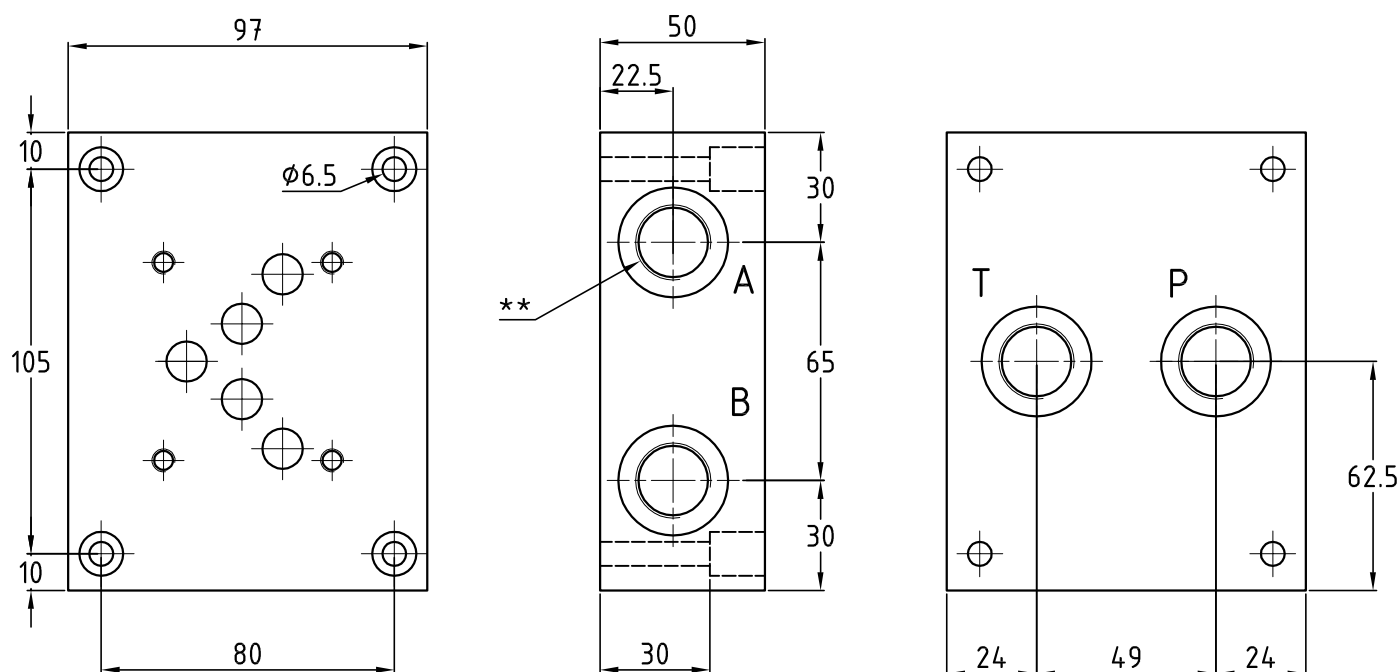
Peso\Weight 3,6 kg

Esempio di ordinazione - Ordering code

PS5	R	**
Piastra singola cetop 05 in ghisa Single subplate cetop 05 in cast iron		12=attacchi 1/2"BSP 12=ports 1/2"BSP
R=attacchi posteriori R=rear ports		34=attacchi 3/4"BSP 34=ports 3/4"BSP

PS5RS**

Piastra singola Cetop 05 in ghisa con A-B laterali P-T posteriori
Basic element Cetop 05 in cast iron with A-B side ports P-T rear ports



Peso\Weight 3,6 kg

Esempio di ordinazione - Ordering code

PS5

RS

**

Piastra singola cetop 05 in ghisa
Single subplate cetop 05 in cast iron

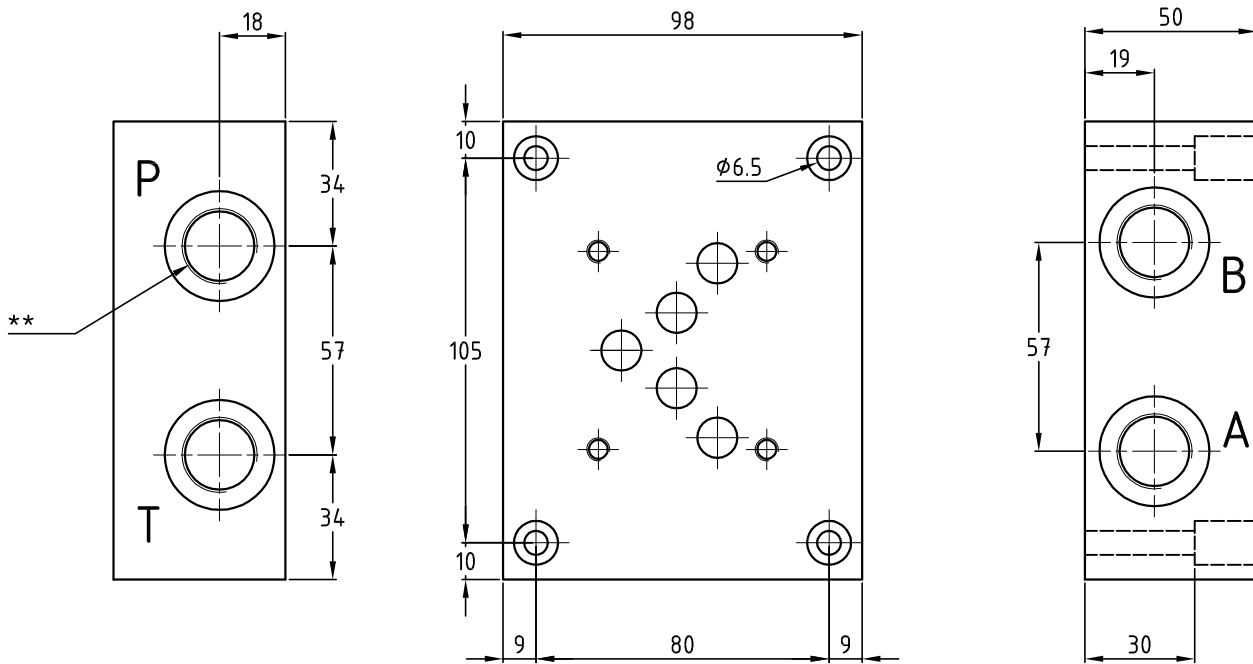
RS=attacchi posteriori e laterali
RS=rear and side ports

12=attacchi 1/2" BSP
12=ports 1/2" BSP

34=attacchi 3/4" BSP
34=ports 3/4" BSP

PS5SS**

Piastra singola Cetop 05 in ghisa con attacchi laterali
Basic element Cetop 05 in cast iron with side ports



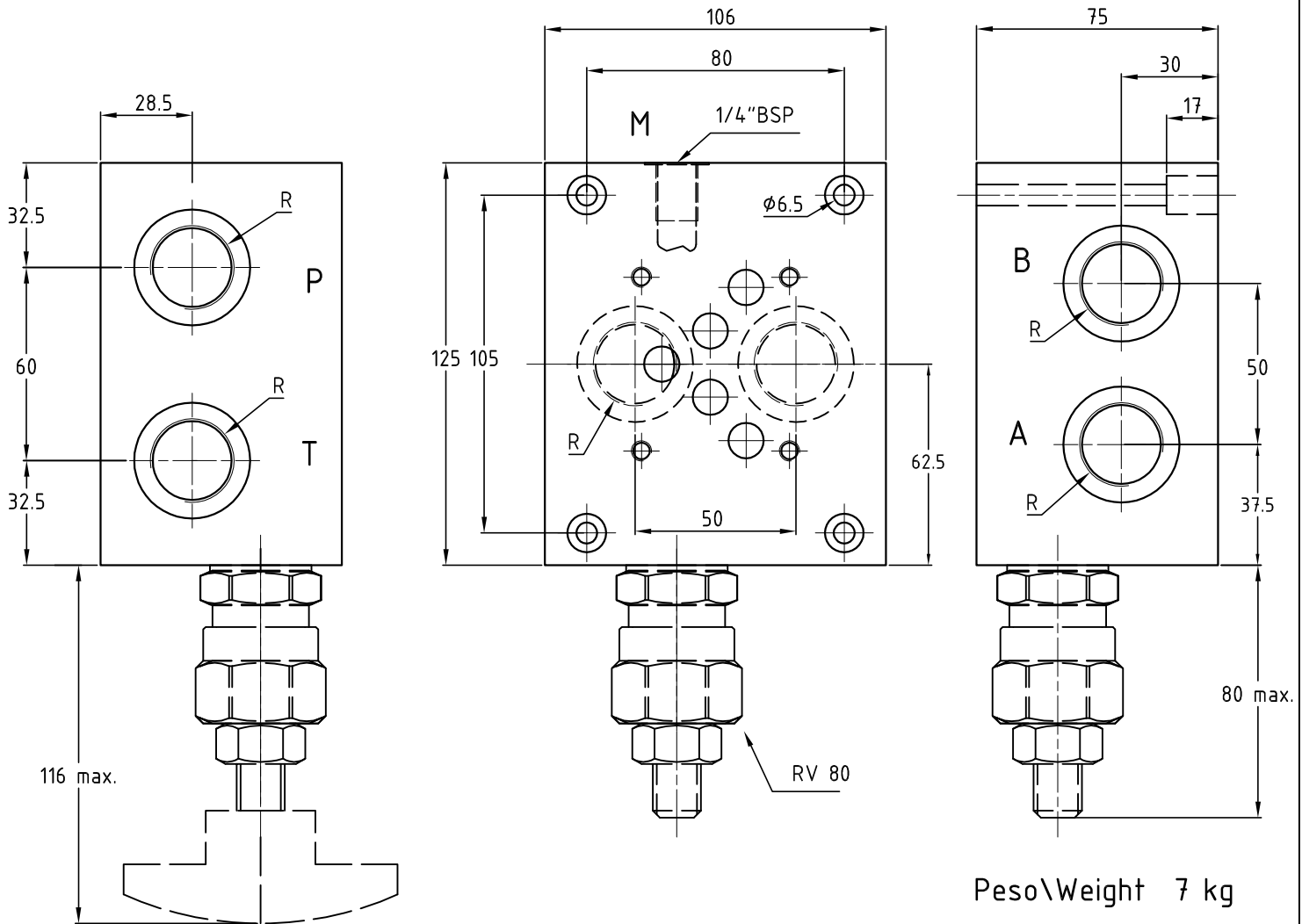
Peso\Weight 3,6 kg

Esempio di ordinazione - Ordering code

PS5	SS	**
Piastra singola cetop 05 in ghisa Single subplate cetop 05 in cast iron		12=attacchi 1/2"BSP 12=ports 1/2"BSP
	SS=attacchi laterali SS=side ports	34=attacchi 3/4"BSP 34=ports 3/4"BSP

PS5**342

Piastra singola Cetop 05 in ghisa con valvola di massima pressione
Single subplate Cetop 05 in cast iron with pressure relief valve



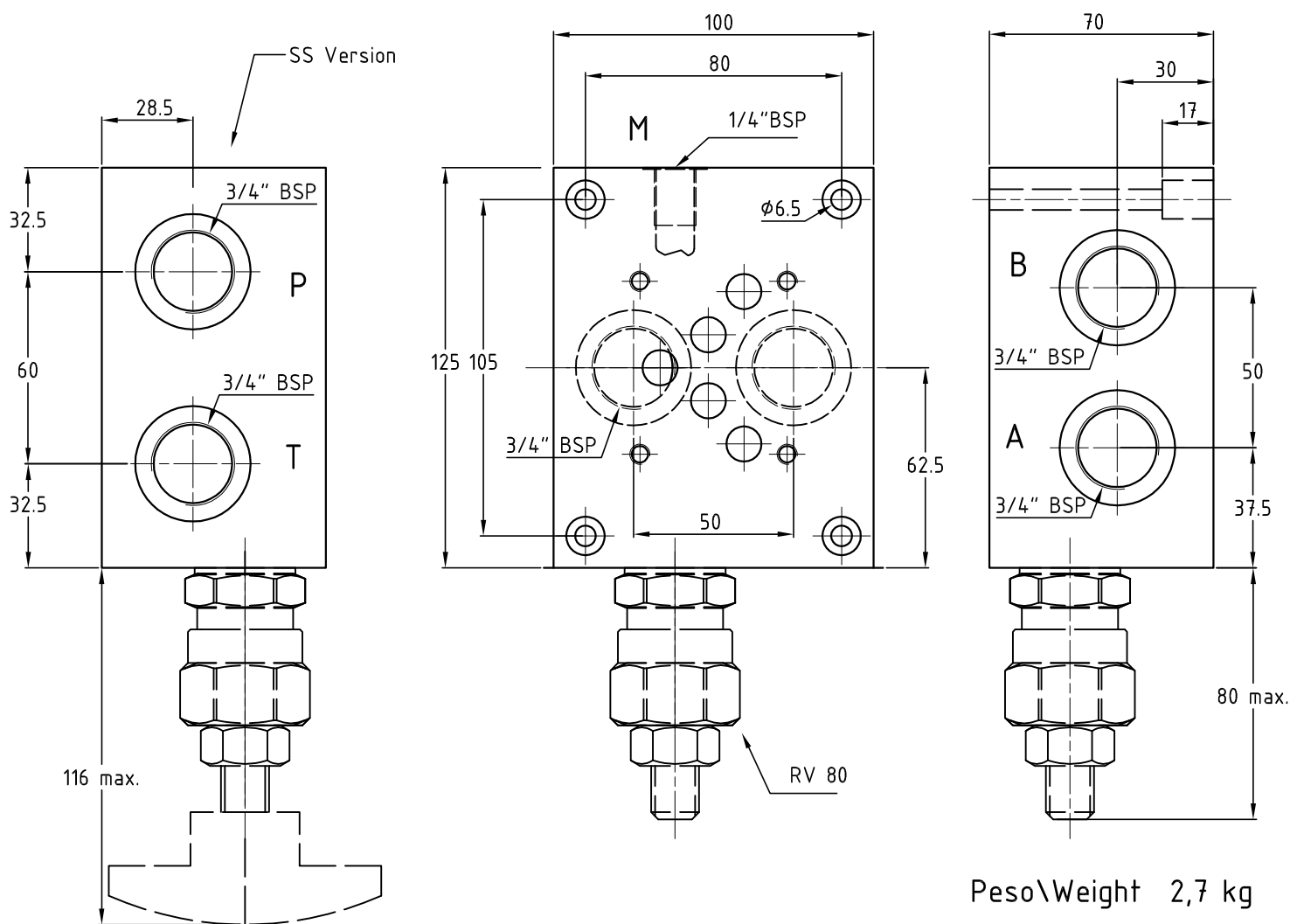
Peso\Weight 7 kg

Esempio di ordinazione - Ordering code

PS5	**	34	2	*	*
Piastra singola Cetop 05 in ghisa Single subplate Cetop 05 in cast iron				V=Con volantino (altrimenti omettere) V=With handiwheel (otherwise omit it)	
RS = attacchi P T post. e lat. A B solo laterali RS = rear and side ports P T , A B ports side only				Y=5÷55 bar A=25÷110 bar B=50÷250 bar C=75÷350 bar	
SS = solo attacchi laterali A B P T SS = only side ports A B P T					
34 = attacchi 3/4\" BSP 34 = ports 3/4\" BSP				2 = Con valv. max RV80 (pagina M06) 2 = With relief valve RV80 (page M06)	

PSA5**342

Piastra singola Cetop 05 in alluminio con valvola di massima
Aluminium single subplate Cetop 05 with pressure relief valve



Esempio di ordinazione - Ordering code

PSA5

34

2

Piastra singola Cetop 05 in alluminio
Single subplate Cetop 05 in aluminium

RS = attacchi P e T post. A e B lat.
RS = rear P and T and side A and B ports

SS = attacchi laterali
SS = side ports

34 = attacchi 3/4" BSP
34 = ports 3/4" BSP

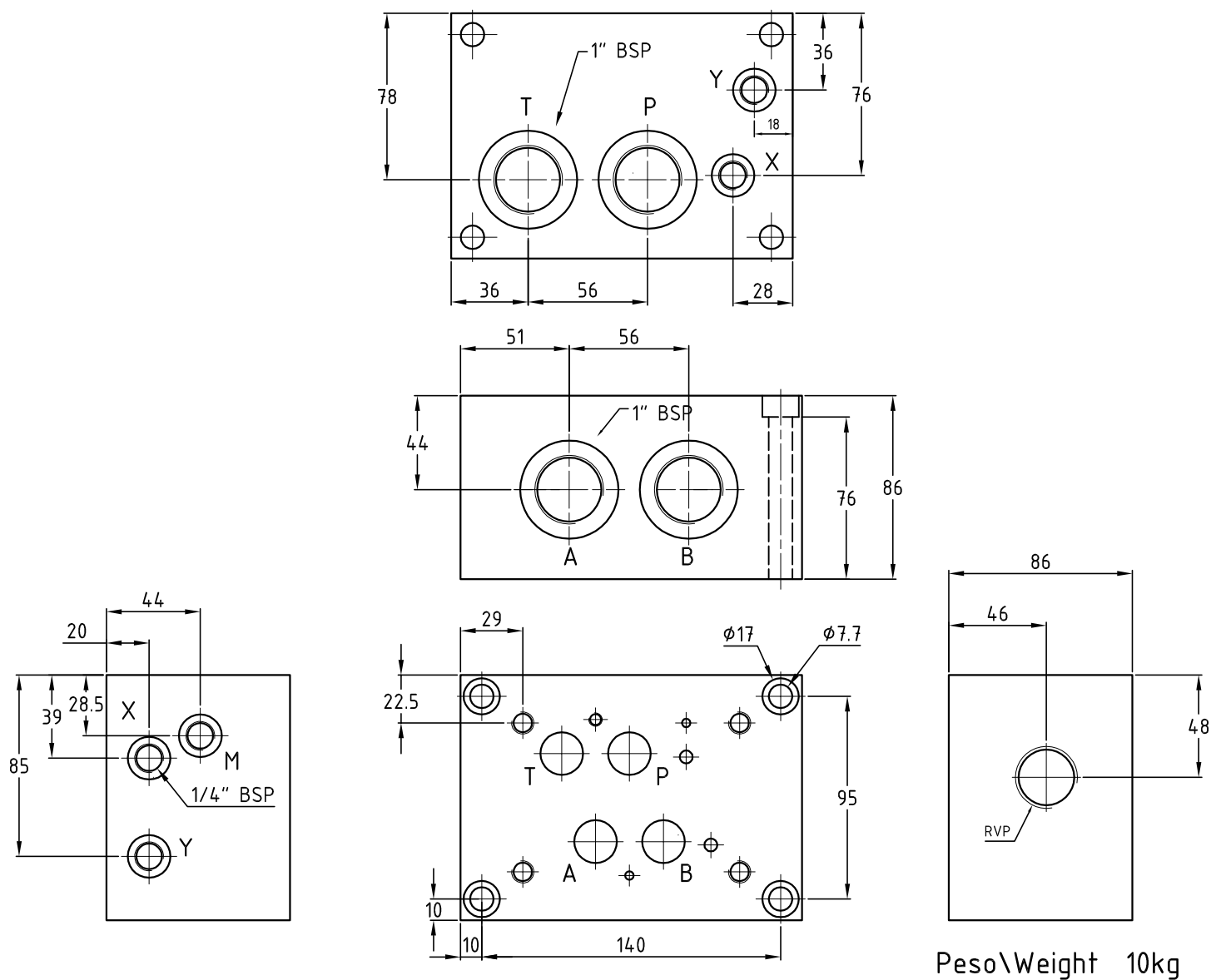
V=Con volantino (altrimenti omettere)
V=With handiwheel (otherwise omit it)

Y=5÷55 bar A=25÷110 bar B=50÷250 bar

2 = Con valv. max RV80 (pag. M06)
2 = With relief valve RV80 (page M06)

PS7RS**

Piastra singola Cetop 07 in ghisa con attacchi A-B laterali P-T posteriori
Basic element Cetop 07 in cast iron with A-B side ports P-T rear ports



Esempio di ordinazione - Ordering code

PS7 RS 100 * *

Piastra singola Cetop 07 in ghisa
Single subplate Cetop 07 in cast iron

RS = P T attacchi post. e A B lat.
RS = P T rear and A B side ports

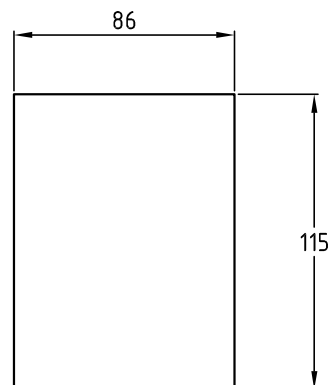
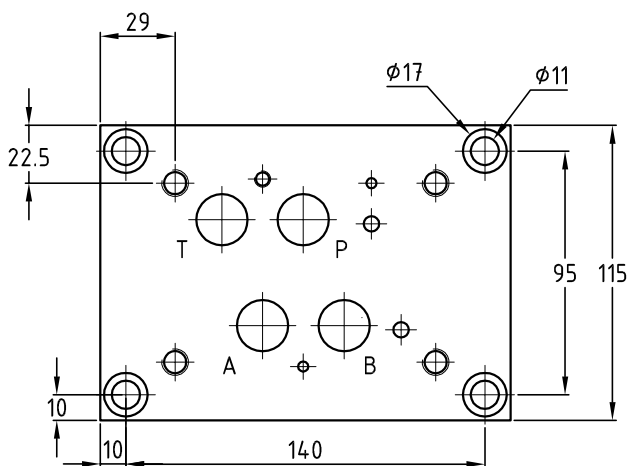
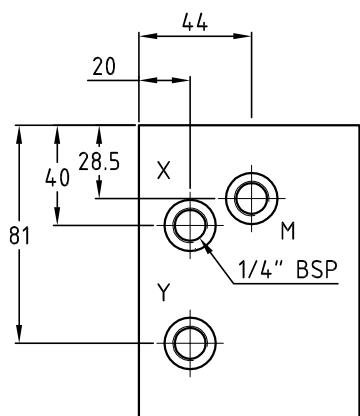
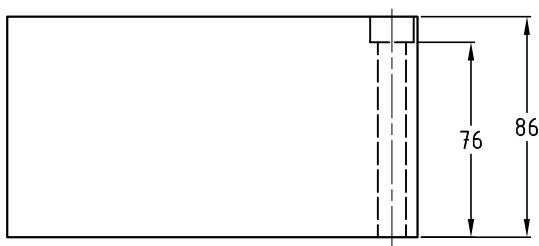
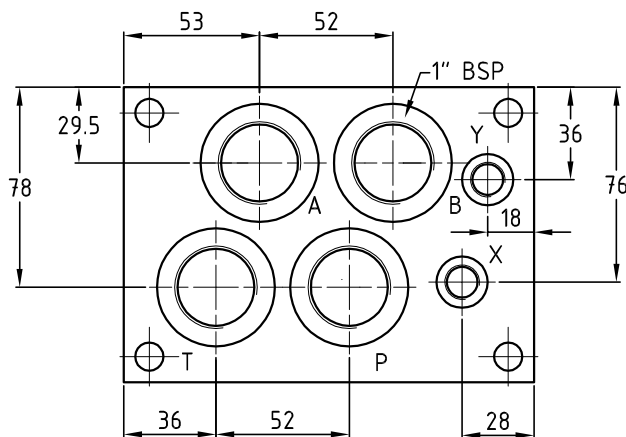
100 = attacchi 1" BSP
100 = ports 1" BSP

A=2-70 bar B=10-210 bar C=35-420 bar

0 = senza pred. per valvola di max.
0 = without prearranged for relief valve
1 = pred. per valvola di max. (a richiesta)
1 = prearranged for relief valve (on request)
2 = con valvola di max. (a richiesta)
2 = with relief valve (on request)

PS7RR100

Piastra singola Cetop 07 in ghisa con attacchi A B P T posteriori
Basic element Ceop 07 in cast iron with A B P T rear ports



Peso\Weight 10kg

Esempio di ordinazione - Ordering code

PS7

RR

100

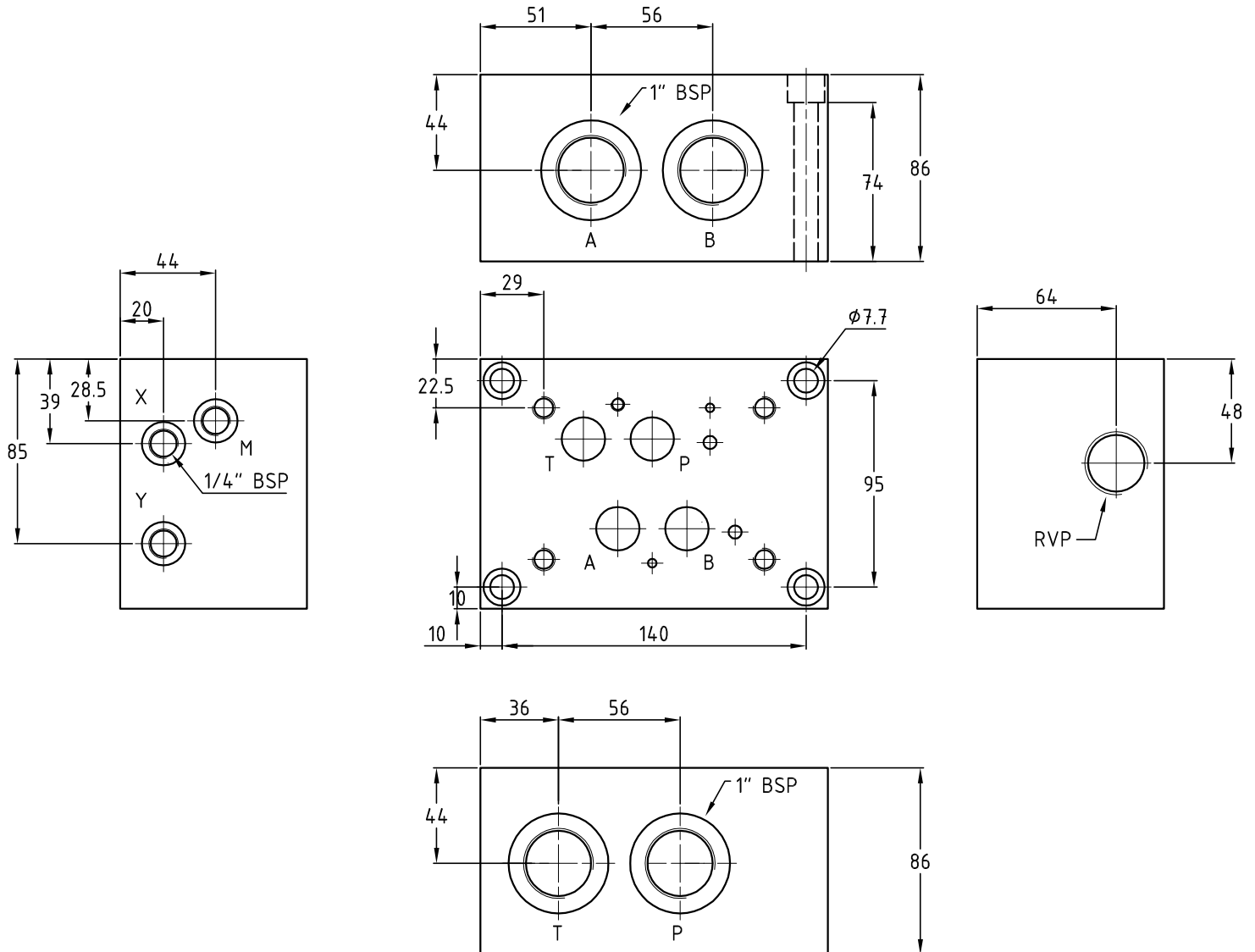
Piastra singola Cetop 07
Single subplate Cetop 07

RR = P T A B attacchi post.
RR = P T A B rear ports

100 = attacchi 1" BSP
100 = ports 1" BSP

PS7SS100**

Piastra singola Cetop 07 in ghisa con attacchi A B P T laterali
Basic element Cetop 07 in cast iron with A B P T side ports



Peso\Weight 10kg

Esempio di ordinazione - Ordering code

PS7 SS 100 * *

Piastra singola Cetop 07 in ghisa
Single subplate Cetop 07 in cast iron

SS = P T A B attacchi laterali
SS = P T A B side ports

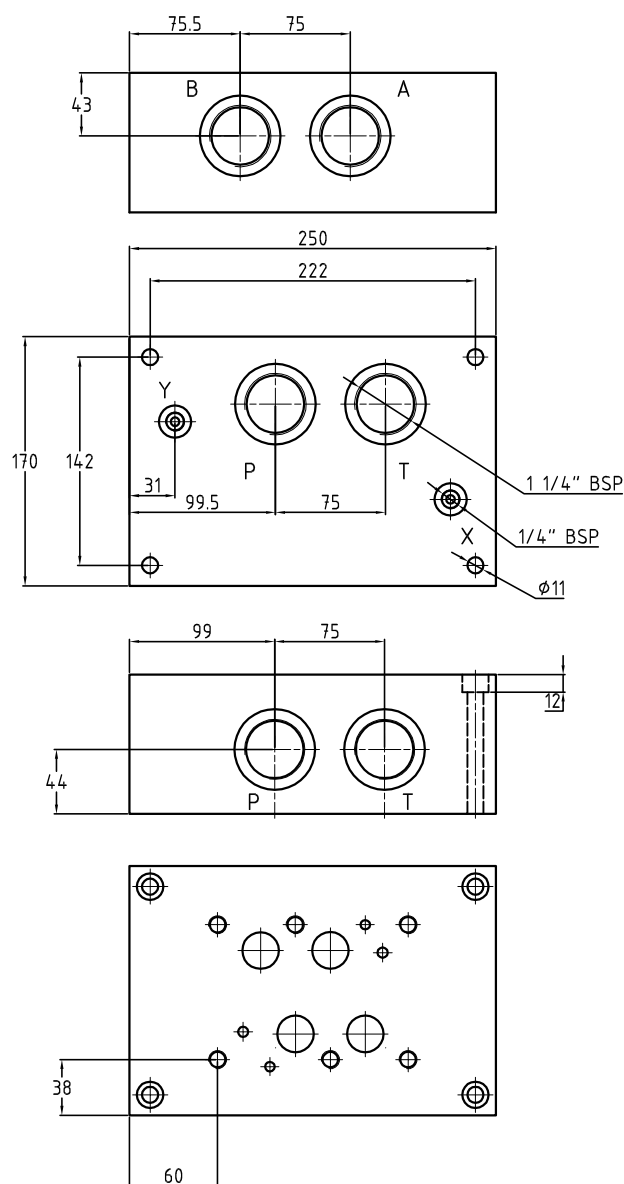
100 = attacchi 1" BSP
100 = ports 1" BSP

A= 2÷70 bar B=10÷210 bar C=35÷420 bar

0 = senza pred. per valvola di max.
0 = without prearranged for relief valve
2 = con valvola di max. (a richiesta)
2 = with relief valve (on request)

PS8RS114

Piastra singola Cetop 08 in ghisa con attacchi A-B laterali P-T posteriori
Basic element Cetop 08 in cast iron with A-B side ports P-T rear ports

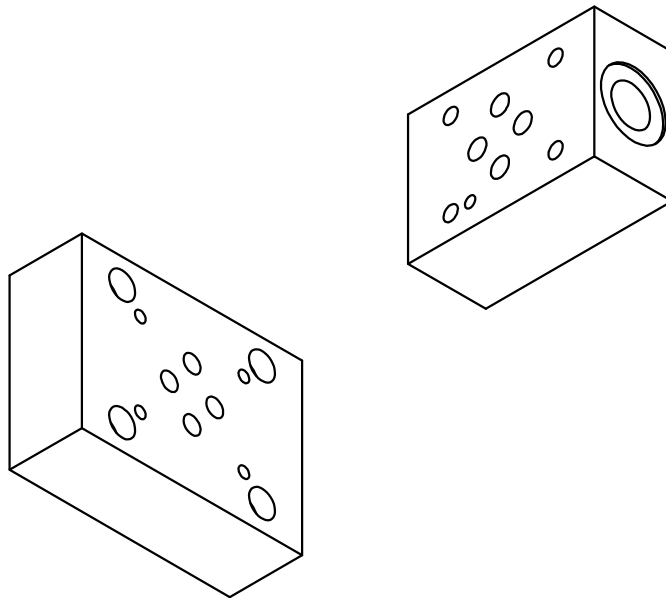


Peso\Weight 27 kg

Esempio di ordinazione - Ordering code

PS8	RS	114
Piastra singola Cetop 08 in ghisa Single subplate Cetop 08 in cast iron	RS = P T attacchi post. e lat. e A B lat. RS = P T rear and side ports and A B side ports	114 = attacchi 1 1/4" BSP 114 = ports 1 1/4" BSP

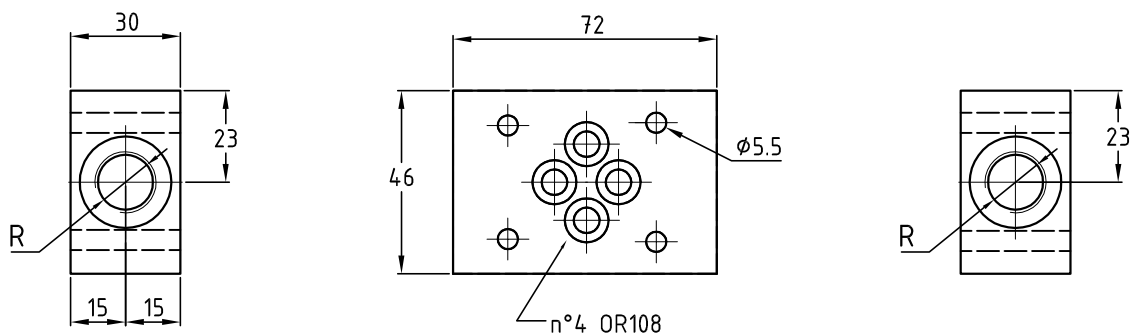
Piastre di coll. chiusura e riduzione Closing, connection and reducing plate



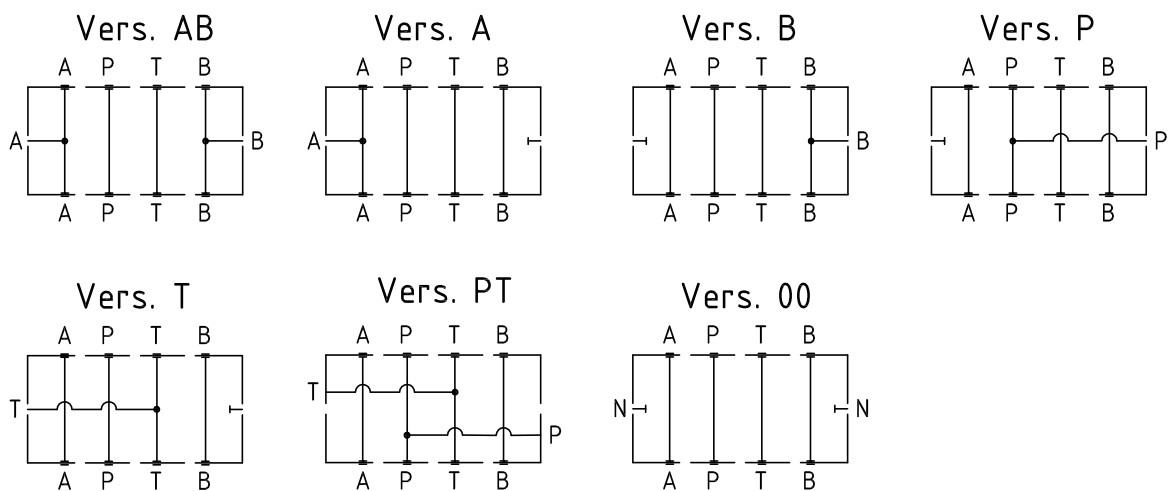
Sezione F
Section F

AM3**/**

Piastra di collegamento Cetop 03 in ghisa
Intermediate adapter Cetop 03 in cast iron



Hydraulic diagram



Esempio di ordinazione - Ordering code

AM3 14 / **

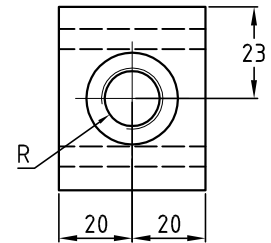
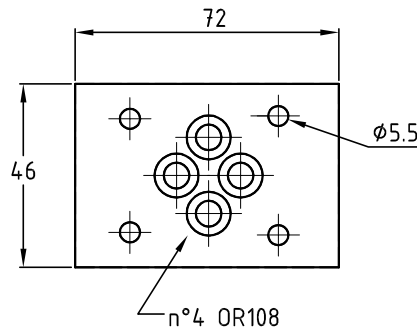
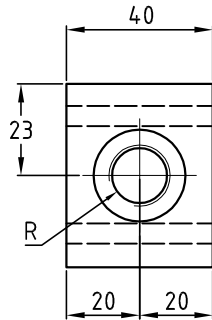
Piastra di collegamento Cetop 03 in ghisa
Intermediate adapter Cetop 03 in cast iron

14 = attacchi 1/4" BSP
14 = ports 1/4" BSP
38 = attacchi 3/8" BSP
38 = ports 3/8" BSP

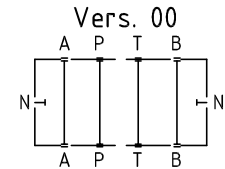
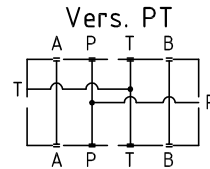
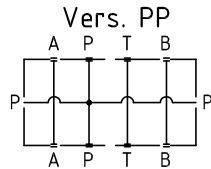
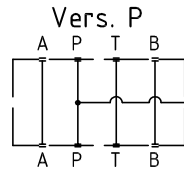
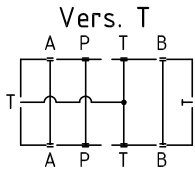
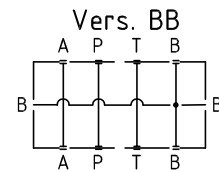
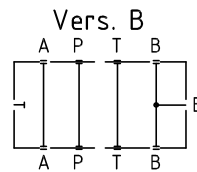
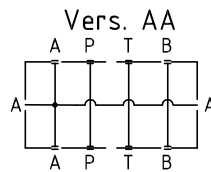
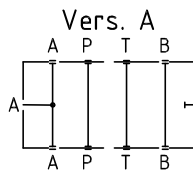
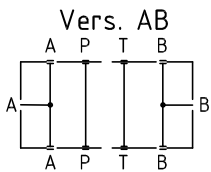
AB = versione AB
AB = AB version
A = versione A
A = A version
B = versione B
B = B version
P = versione P
P = P version
T = versione T
T = T version
PT = versione PT
PT = PT version
00 = versione NN
00 = NN version

AM3S**/**

Piastra di collegamento Cetop 03 in ghisa. Versione speciale H=40
Intermediate adapter Cetop 03 in cast iron. Special version H=40



Hydraulic diagram



Esempio di ordinazione - Ordering code

AM3S

**

/

**

Piastra di collegamento Cetop 03 in ghisa
Intermediate adapter Cetop 03 in cast iron

14 = attacchi 1/4" BSP

14 = ports 1/4" BSP

38 = attacchi 3/8" BSP

38 = ports 3/8" BSP

AB = versione AB

AB = AB version

A = versione A

A = A version

AA = versione AA

AA = AA version

B = versione B

B = B version

BB = versione BB

BB = BB version

P = versione P

P = P version

PP = versione PP

PP = PP version

T = versione T

T = T version

PT = versione PT

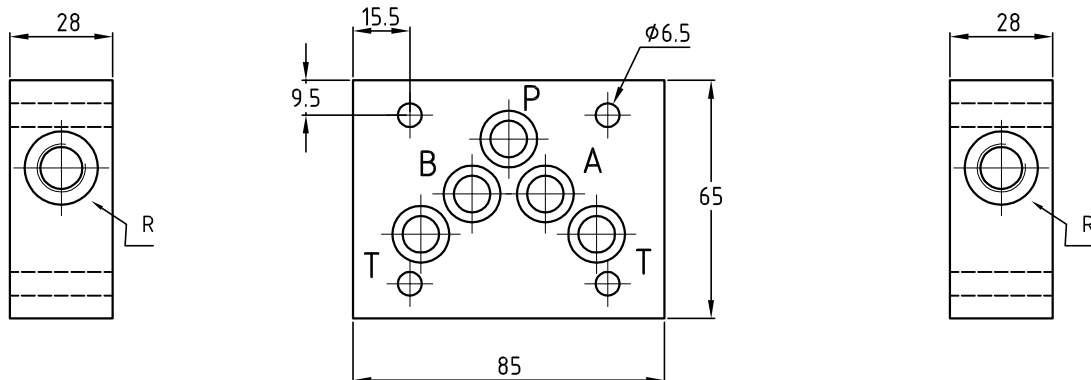
PT = PT version

00 = versione 00

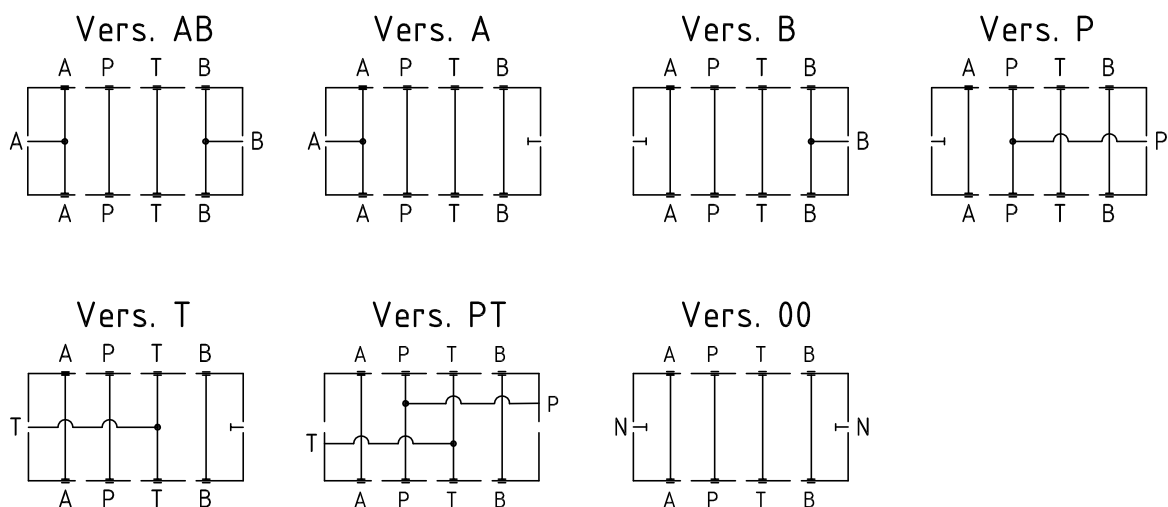
00 = 00 version

AM5**/**

Piastra di collegamento Cetop 05 in ghisa
Intermediate adapter Cetop 05 in cast iron



Hydraulic diagram



Esempio di ordinazione - Ordering code

AM5 14 / AB

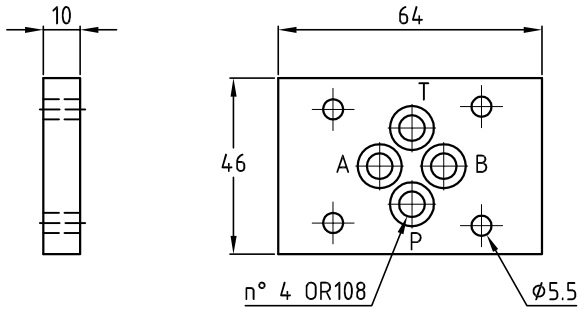
Piastra di collegamento Cetop 05 in ghisa
Intermediate adapter Cetop 05 in cast iron

14 = attacchi 1/4" BSP
14 = ports 1/4" BSP
38 = attacchi 3/8" BSP
38 = ports 3/8" BSP

AB = versione AB
AB = AB version
A = versione A
A = A version
B = versione B
B = B version
P = versione P
P = P version
T = versione T
T = T version
PT = versione PT
PT = PT version
00 = versione 00
00 = 00 version

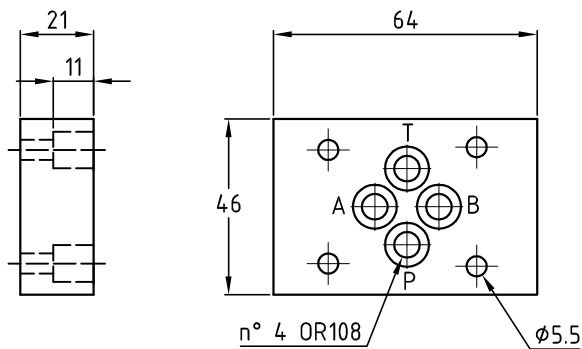
DC 03/**

Piastra di chiusura e collegamento Cetop 03
Connection and closing plate Cetop 03



Hydraulic diagram

Vers. 00

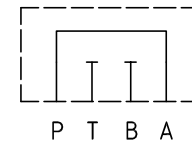


Hydraulic diagram

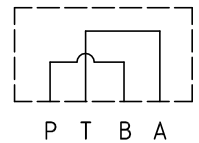
Vers. 01



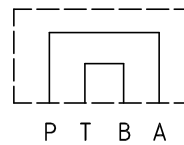
Vers. 02



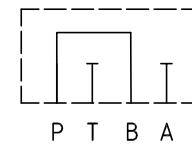
Vers. 03



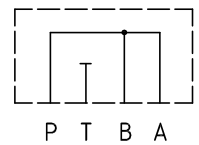
Vers. 04



Vers. 05



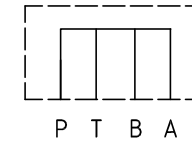
Vers. 06



Vers. 07



Vers. 08



Esempio di ordinazione - Ordering code

DC

03

**

Piastra di chiusura e collegamento in ghisa/acciaio
Closing and connection plate in cast iron / steel

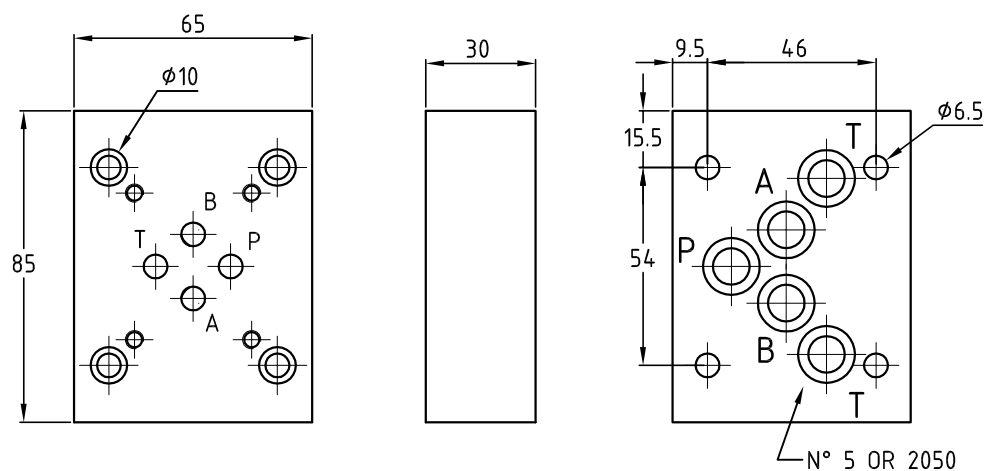
Cetop 03
Cetop 03

Omettere se versione 00
Omit if 00 version

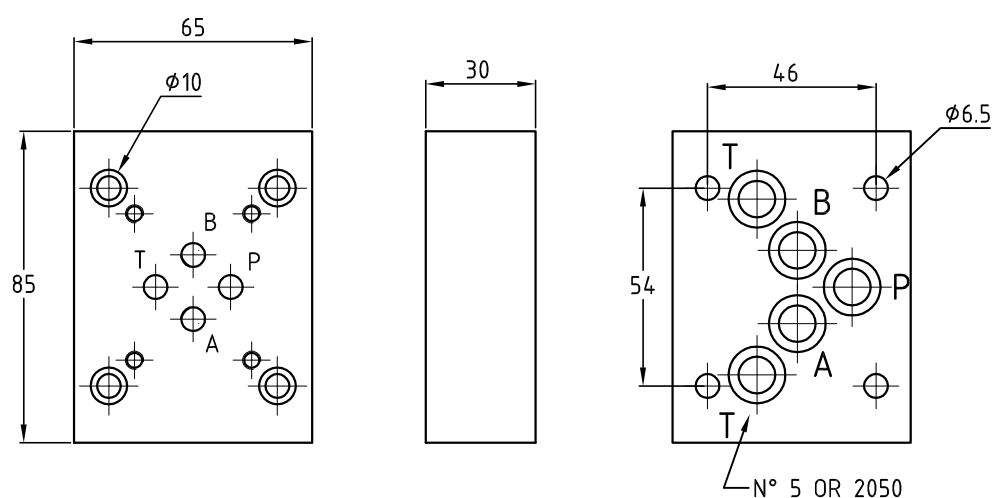
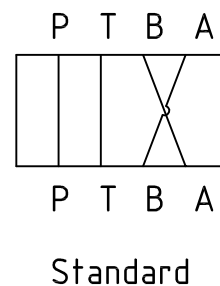
Vedere simboli idraulici per versione da 01 a 08
See hydraulic symbol for version from 01 to 08

RP 05/03*

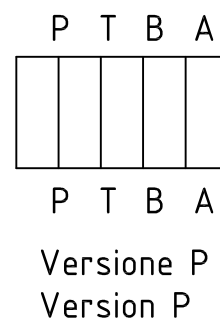
Piastra di riduzione Cetop 05 / Cetop 03 in ghisa
Reduction element Cetop 05 / Cetop 03 in cast iron



Hydraulic diagram

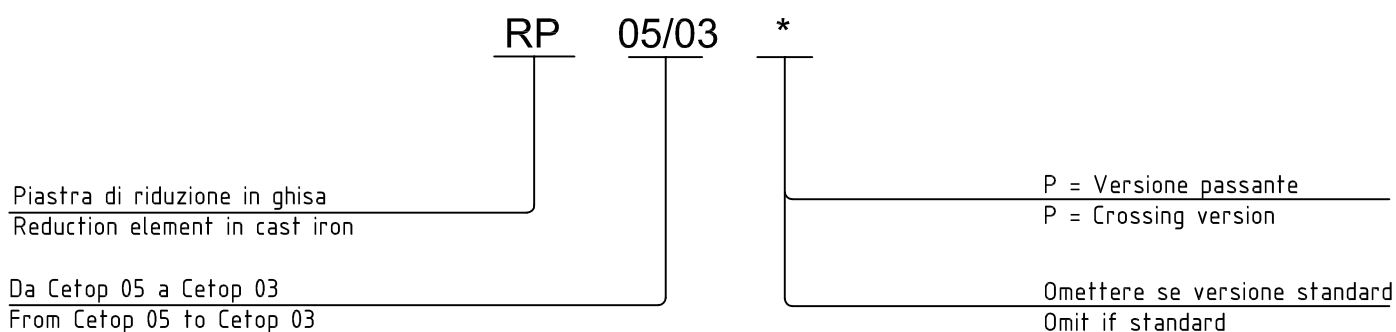


Hydraulic diagram



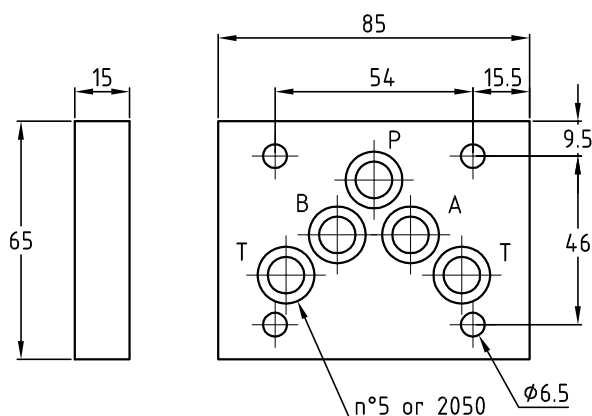
Peso\Weight 1,2 kg

Esempio di ordinazione - Ordering code

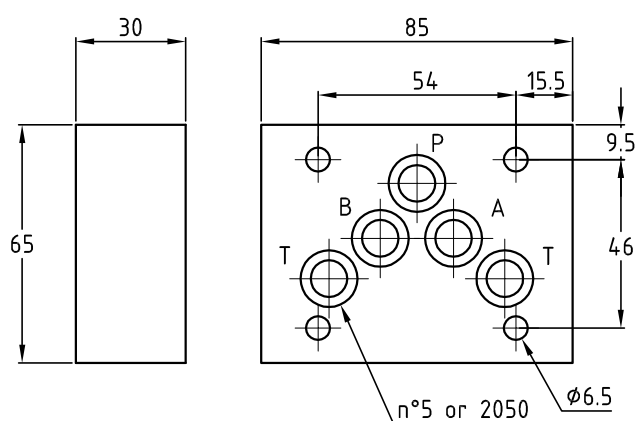
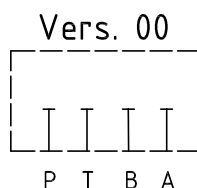


DC 05/**

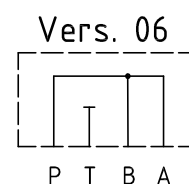
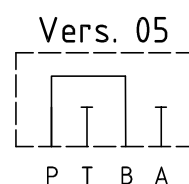
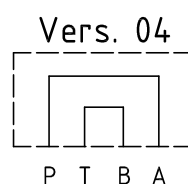
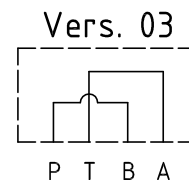
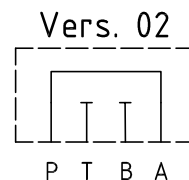
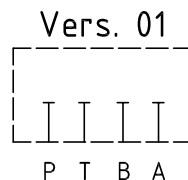
Piastra di chiusura e collegamento Cetop 05 in ghisa
Closing and connection plate Cetop 05 in cast iron



Hydraulic diagram



Hydraulic diagram



Esempio di ordinazione - Ordering code

DC 05 **

Piastra di chiusura e collegamento in ghisa/acciaio
Closing and connection plate in cast iron / steel

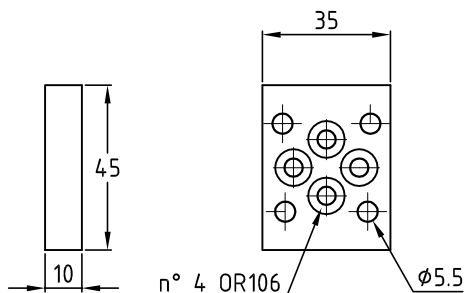
Cetop 05
Cetop 05

Omettere se versione 00
Omit if 00 version

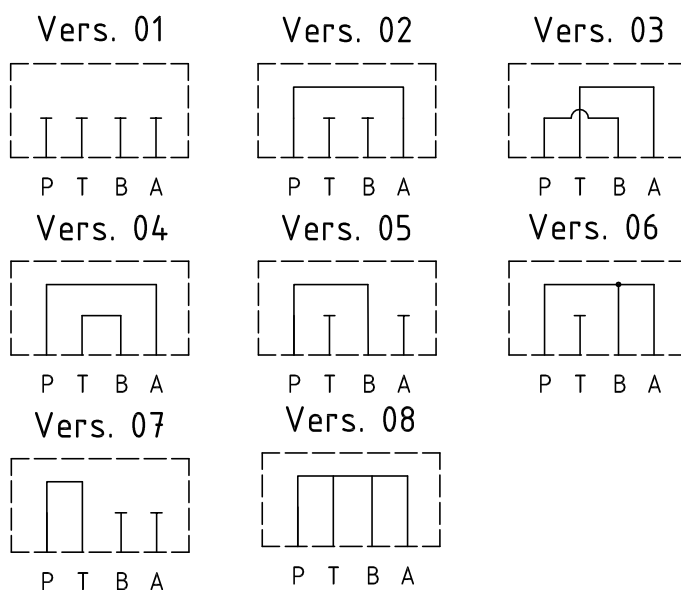
Vedere simboli idraulici per versione da 01 a 06
See hydraulic symbol for version from 01 to 06

DC 02/**

Piastra di chiusura e collegamento Cetop 02
Connection and closing plate Cetop 02



Hydraulic diagram



Esempio di ordinazione - Ordering code

DC 02 **

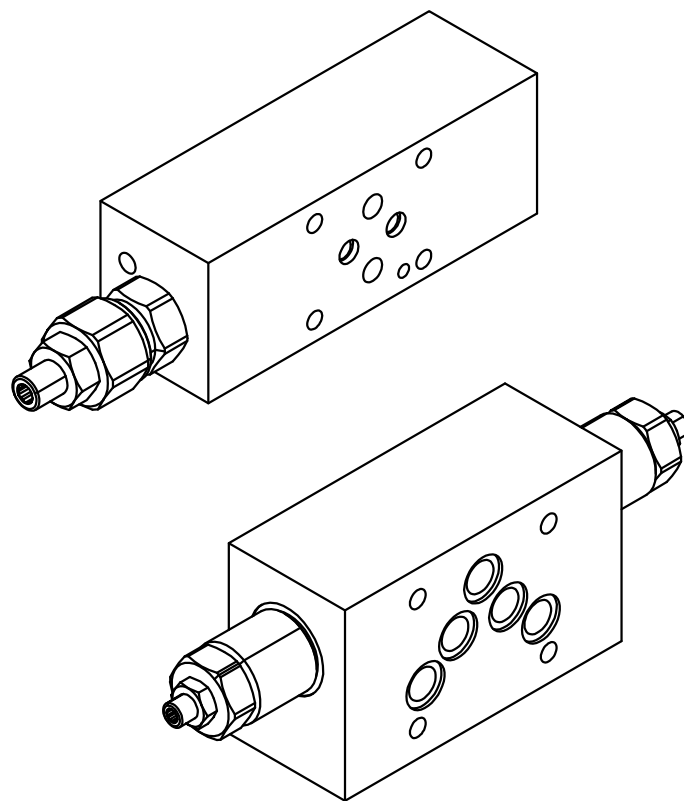
Piastra di chiusura e collegamento in acciaio
Closing and connection plate in steel

Omettere se versione 01
Omit if 01 version

Cetop 02
Cetop 02

Vedere simboli idraulici per versione da 01 a 08
See hydraulic symbol for version from 01 to 08

Valvole modulari Cetop Modular valves Cetop

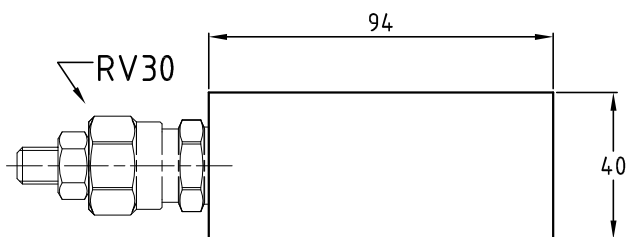
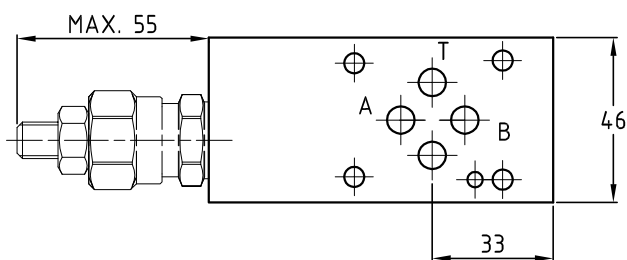


**Sezione G
Section G**

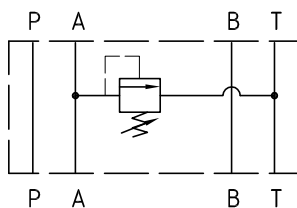
MRV3*

Valvola di massima montaggio modulare Cetop 03
Modular relief valve Cetop 03

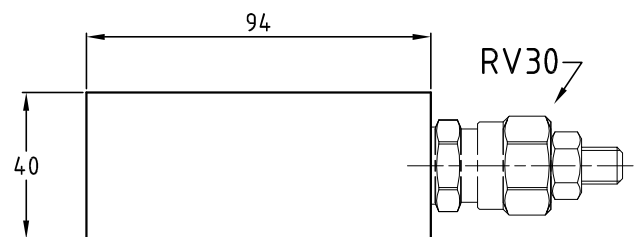
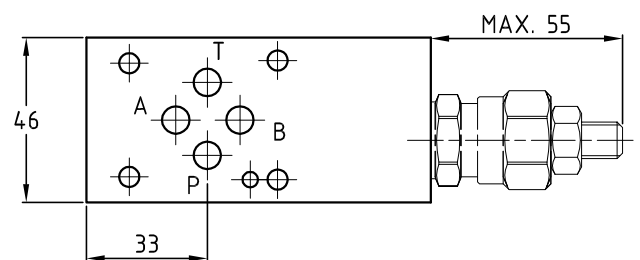
MRV3A



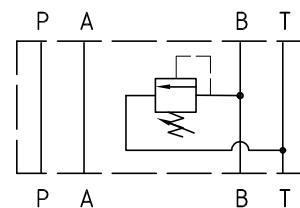
Hydraulic diagram



MRV3B



Hydraulic diagram



Esempio di ordinazione - Ordering code

MRV 3 * *

Valvola di massima modulare
Modular relief valve

Cetop 03

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷410 bar (see pag. M02)

A = limitazione su A

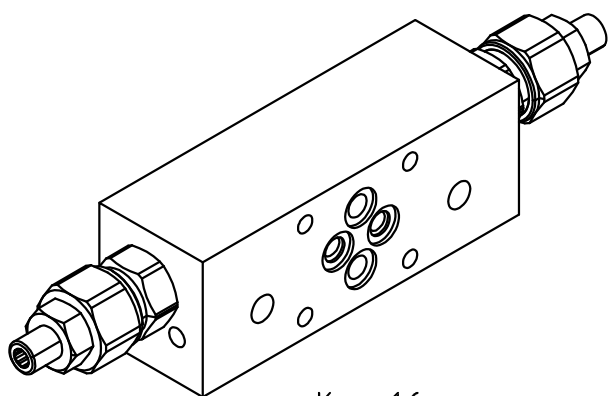
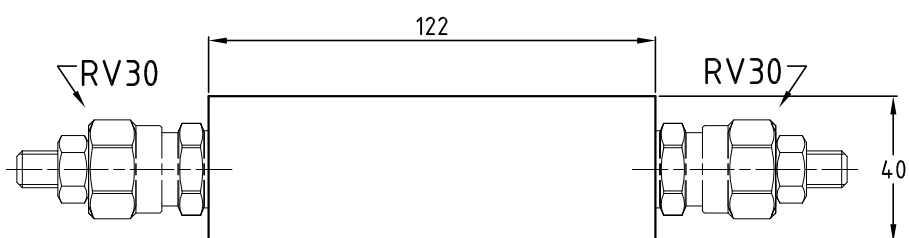
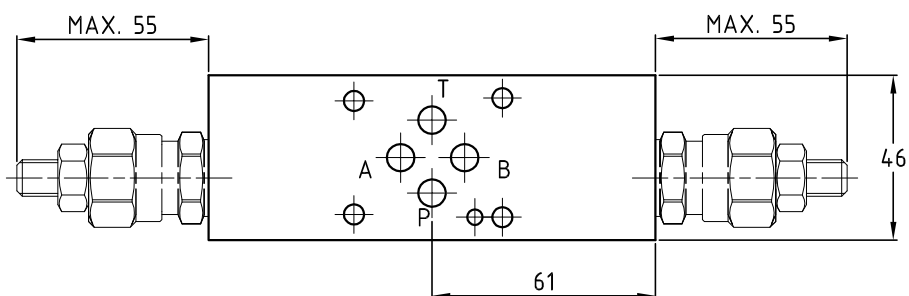
A = limitation on A

B = limitazione su B

B = limitation on B

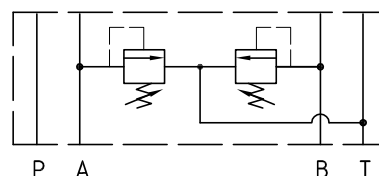
MRV3AB

Valvola di massima montaggio modulare Cetop 03
Modular relief valve Cetop 03



Kg = 1.6

Hydraulic diagram



Esempio di ordinazione - Ordering code

MRV 3 AB *

Valvola di massima modulare
Modular relief valve

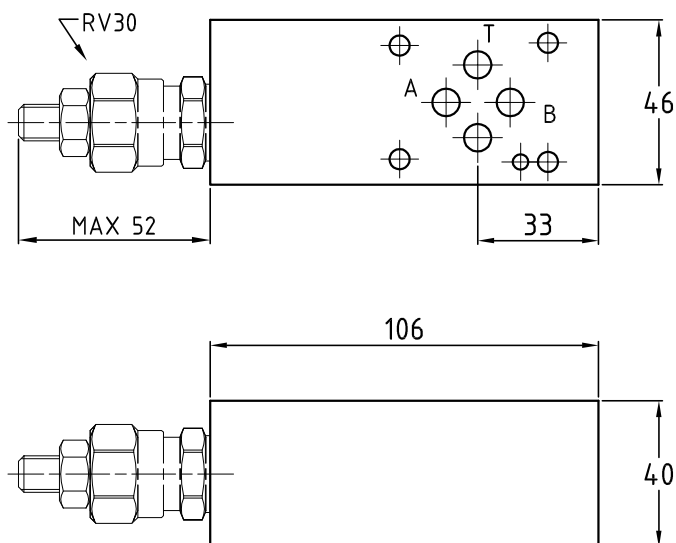
Cetop 03

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷410 bar (see pag. M02)

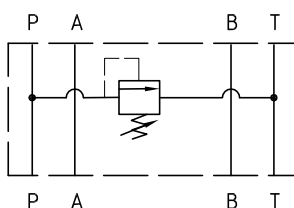
AB = limitazione su A e B
AB = limitation on A and B

MRV3P

Valvola di massima montaggio modulare Cetop 03
Modular relief valve Cetop 03



Hydraulic diagram



Kg = 1.4

Esempio di ordinazione - Ordering code

MRV 3 P *

Valvola di massima modulare
Modular relief valve

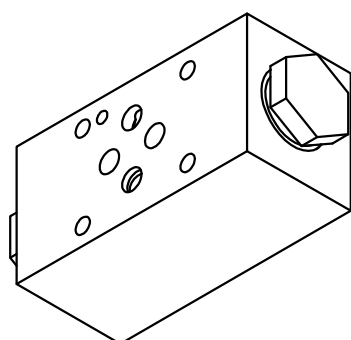
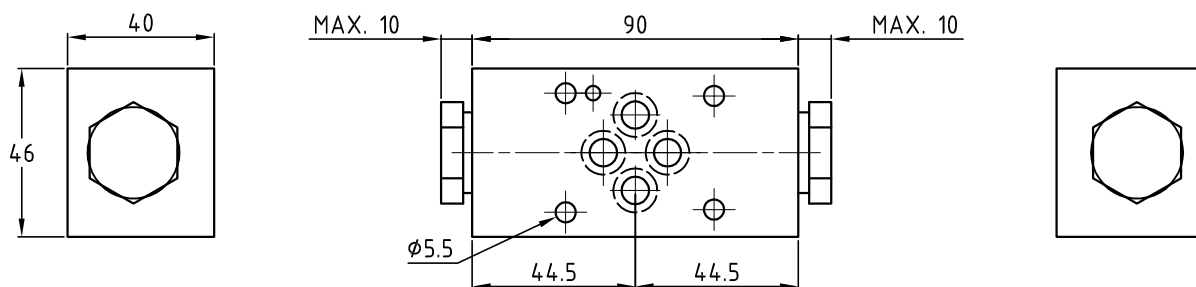
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar Q= 30 lt/m (see pag. M02)

Cetop 03

P = limitazione su P
P = limitation on P

MECV3**

Elemento modulare in ghisa con ritegno pilotato
Modular element in cast iron with piloted retention



Kg = 2

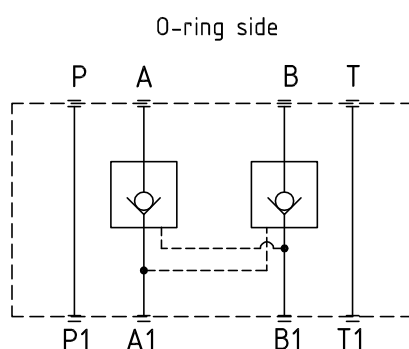


Tabella pressione apertura ritegno
Spring cracking pressure table

codice (code)	pressione (pressure)
05	0,5 bar
10	1,0 bar
25	2,5 bar
30	3,0 bar
50	5,0 bar
80	8,0 bar

Rapporto di pilotaggio 1:4,5
Pilot ratio 1:4,5

Esempio di ordinazione - Ordering code

MECV 3 * **

Elemento modulare in ghisa con ritegno pilotato
Modular element in cast iron with piloted retention

Vedere codice sulla tabella apertura ritegno
See code on spring cracking pressure table

A = ritegno su A

A = retention on A

B = ritegno su B

B = retention on B

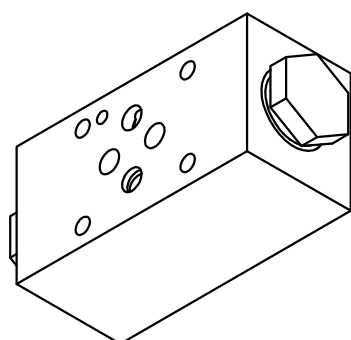
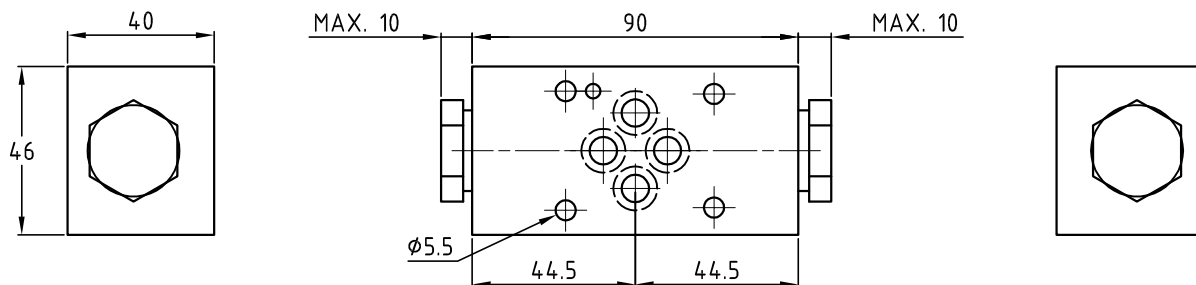
AB = ritegno su A e B

AB = retention on A and B

Cetop 03

MECVD3**

Elemento modulare in ghisa con ritegno
Modular element in cast iron with check valve



Kg = 2

O-ring side

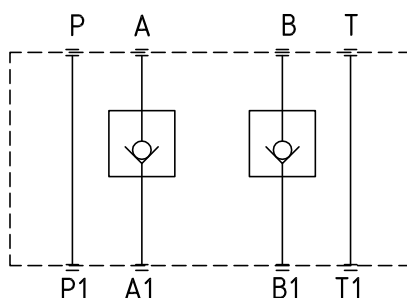


Tabella pressione apertura ritegno
Spring cracking pressure table

codice (code)	pressione (pressure)
05	0,5 bar
10	1,0 bar
25	2,5 bar
30	3,0 bar
50	5,0 bar
80	8,0 bar

Esempio di ordinazione - Ordering code

MECVD 3 * **

Elemento modulare in ghisa con ritegno
Modular element in cast iron with check valve

Vedere codice sulla tabella apertura ritegno
See code on spring cracking pressure table

A = ritegno su A

A = retention on A

B = ritegno su B

B = retention on B

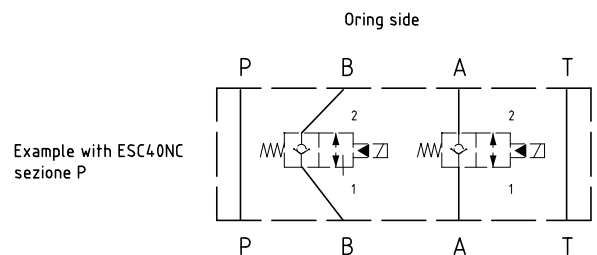
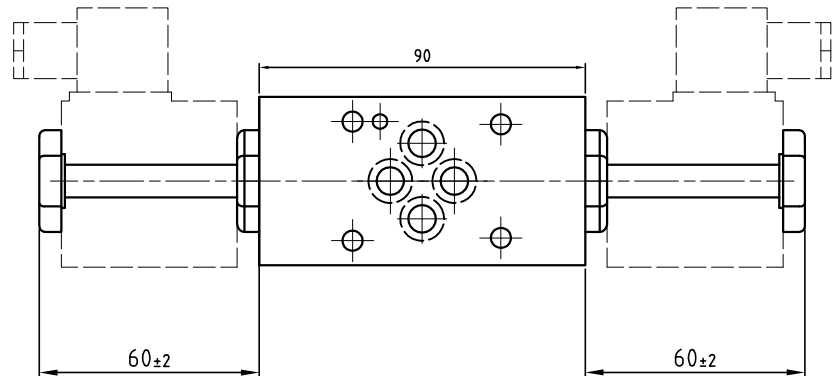
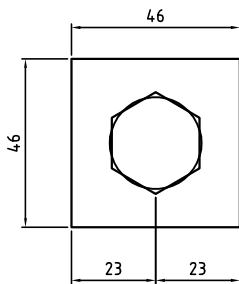
AB = ritegno su A e B

AB = retention on A and B

Cetop 03

EMCV3**

Elemento modulare in ghisa con ritegno elettrico
Modular element in cast iron with electric check valve



Esempio di ordinazione - ordering code

EMCV 3 ** ** *

Elemento modulare in ghisa con ritegno elettrico
Modular element in cast iron with solenoid valve

Cetop 03

A = Valvola su A
A = Valve on A

B = Valvola su B
B = Valve on B

AB = Valvola su A e B
AB = Valve on A e B

Tensione solenodie
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

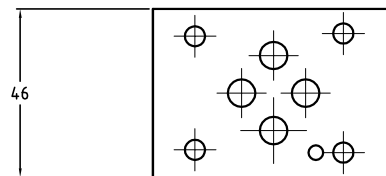
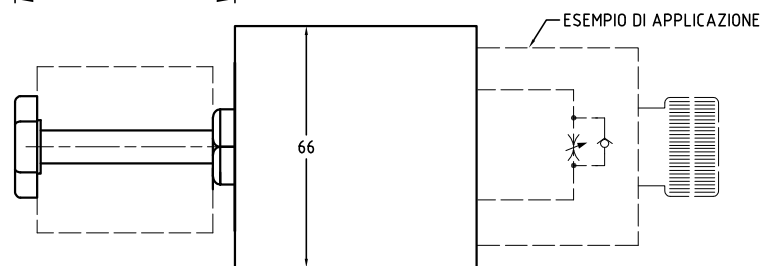
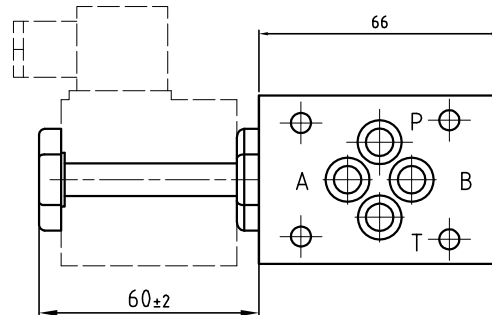
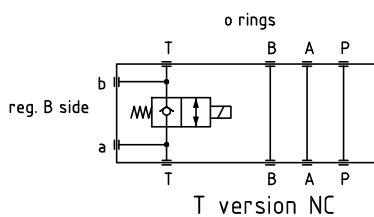
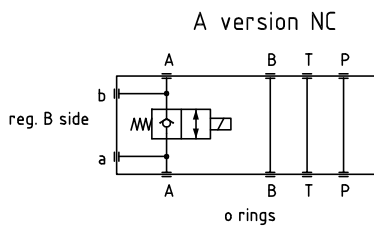
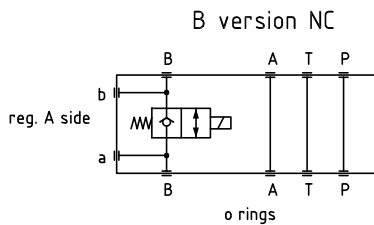
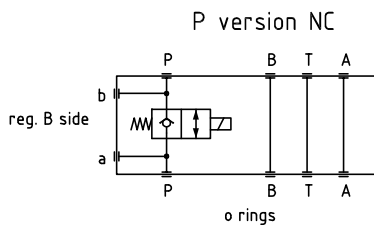
110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

Vedere sez. P NO = normalmente aperto
NO = normally open

See section P NC = normalmente chiuso
NC = normally closed

EMV3FS **

Valvola modulare in ghisa Cetop 03 per Rapido Lento
Modular valve in cast iron Cetop 03 Fast/slow



Esempio di ordinazione - ordering code

EMV3FS * ** (MO) **

Elemento mod. in ghisa con rit. elett
e regolatore
Modular element in cast iron with solenoid valve
and flow regulator

A = Regolazione su A
A = Regulation on A

B = Regolazione su A
B = Regulation on A

P = Regolazione su B
P = Regulation on B

T = Regolazione su T
T = Regulation on T

Tensione solenoide
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

Vedere sez. P

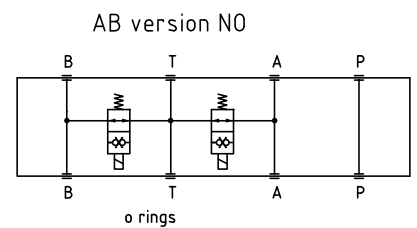
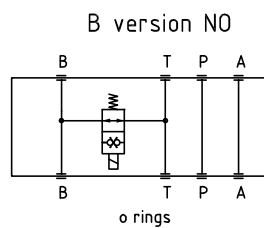
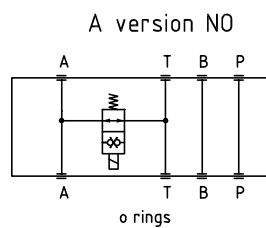
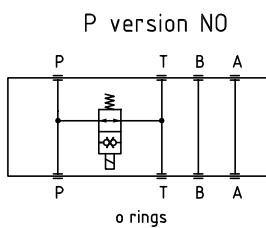
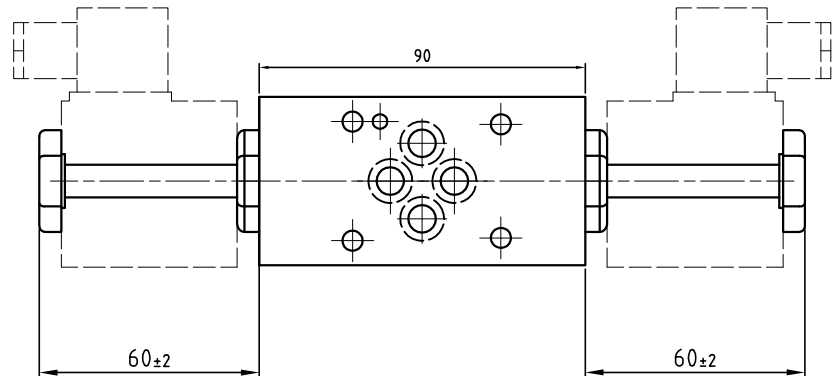
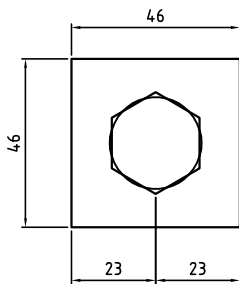
NO = normalmente aperto (MO comando manuale)
NO = normally open (MO manual override)

See section P

NC = normalmente chiuso (MO comando manuale)
NC = normally closed (MO manual override)

EMV3**

Valvola modulare di messa a scarico Cetop 03 in ghisa
Modular venting valve Cetop 03 in cast iron



Esempio di ordinazione - ordering code

EMV 3 ** ** *

Elemento modulare messa a scarico in ghisa
Modular element in cast iron with solenoid valve
for Venting

Cetop 03

A = Valvola su A
A = Valve on A

B = Valvola su B
B = Valve on B

AB = Valvola su A e B
AB = Valve on A and B

P = Valvola su P
P = Valve on P

Tensione solenodie
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

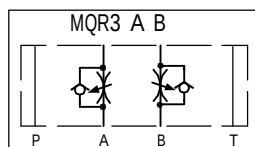
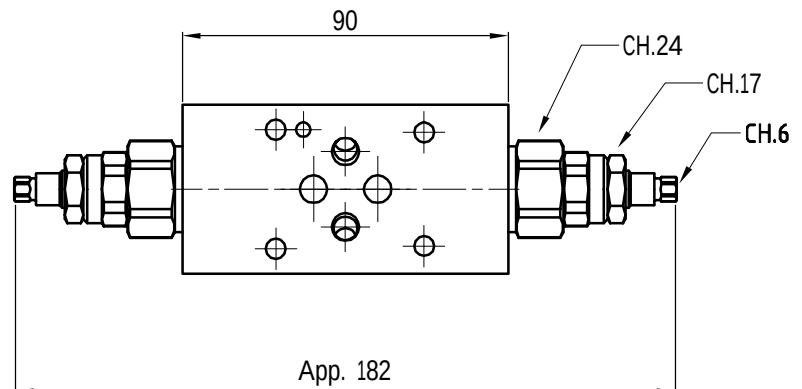
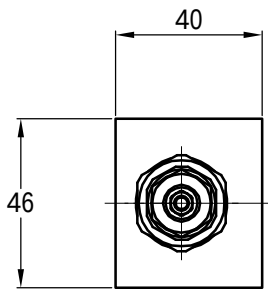
110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

Vedere sez. P NO = normalmente aperto
NO = normally open

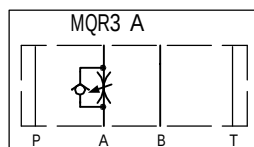
See section P NC = normalmente chiuso
NC = normally closed

MQR3**

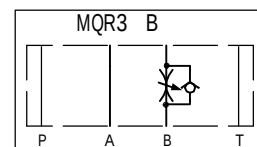
Elemento modulare in ghisa con regolatore di portata unidirezionale
Modular element in cast iron with unidirectional flow regulator



O-ring side



O-ring side



O-ring side

Kg = 1.3

Qmax = 50lt/min

Esempio di ordinazione - Ordering code

MQR 3 *

Elemento modulare in ghisa con reg. port. unid.
Modular element in cast iron with flow regulator unidir.

Cetop 03

A = regolatore su A

A = regulator on A

B = regolatore su B

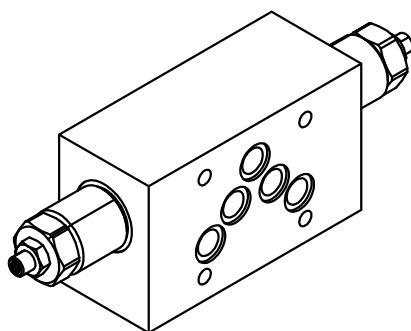
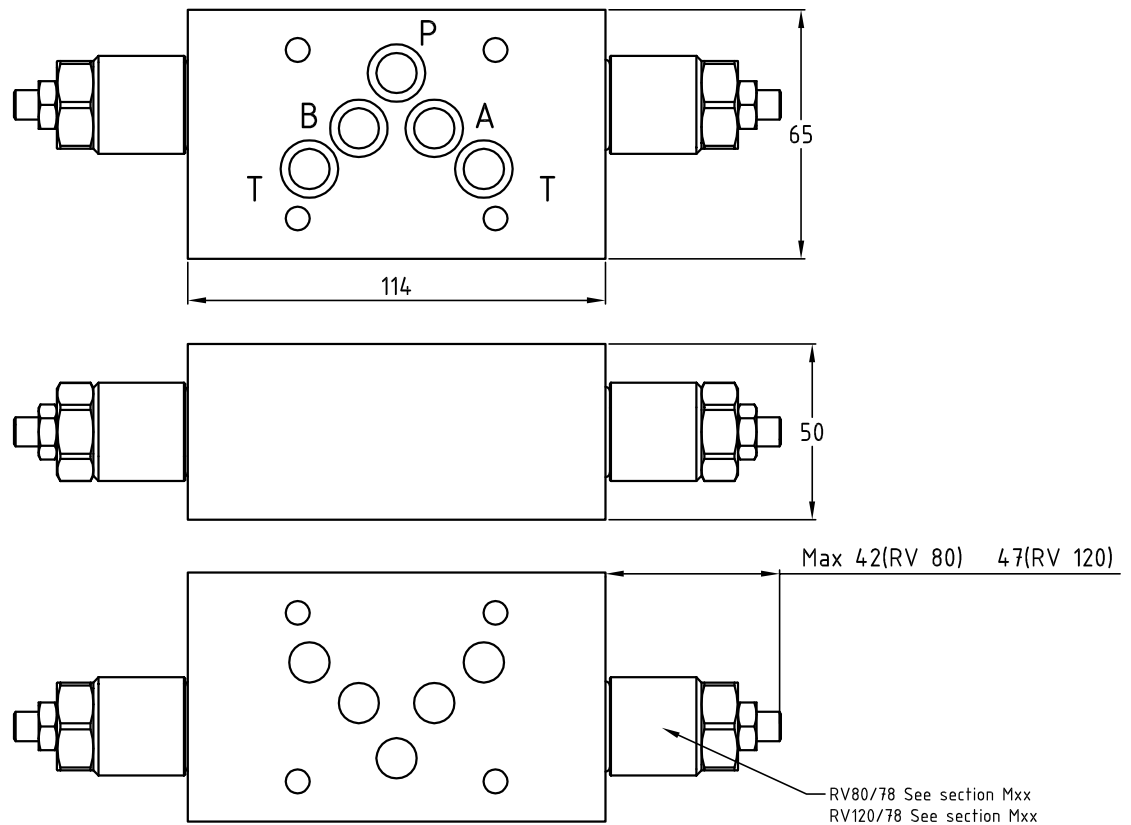
B = regulator on B

AB = regolatore su A e B

AB = regulator on A and B

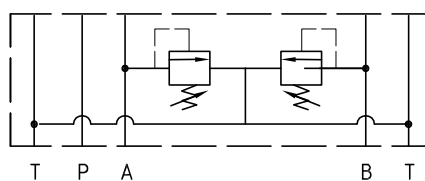
MRV5AB

Valvola modulare di massima pressione Cetop 05 in ghisa
Modular relief valve Cetop 05 in cast iron



Kg = 1.6

Hydraulic diagram



SETTING PRESSURE TABLE

	Optimized	Total
	A= 5÷75	
RV80/78	B= 76÷125	(10÷180)
	C= 120÷220	(10÷240)
	D= 220÷350	(50÷350)
RV120/78	A= 20÷280	
	B= 140÷280	
	C= 240÷400	

Esempio di ordinazione - Ordering code

MRV 5 AB 80 *

Setting pressure

Valvola di massima modulare cetop 05 in ghisa
Modular relief valve cetop 05 in cast iron

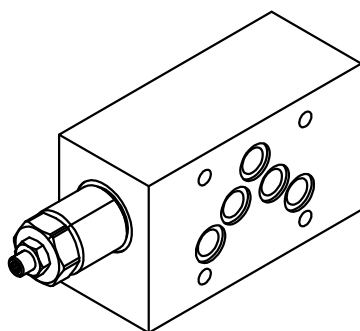
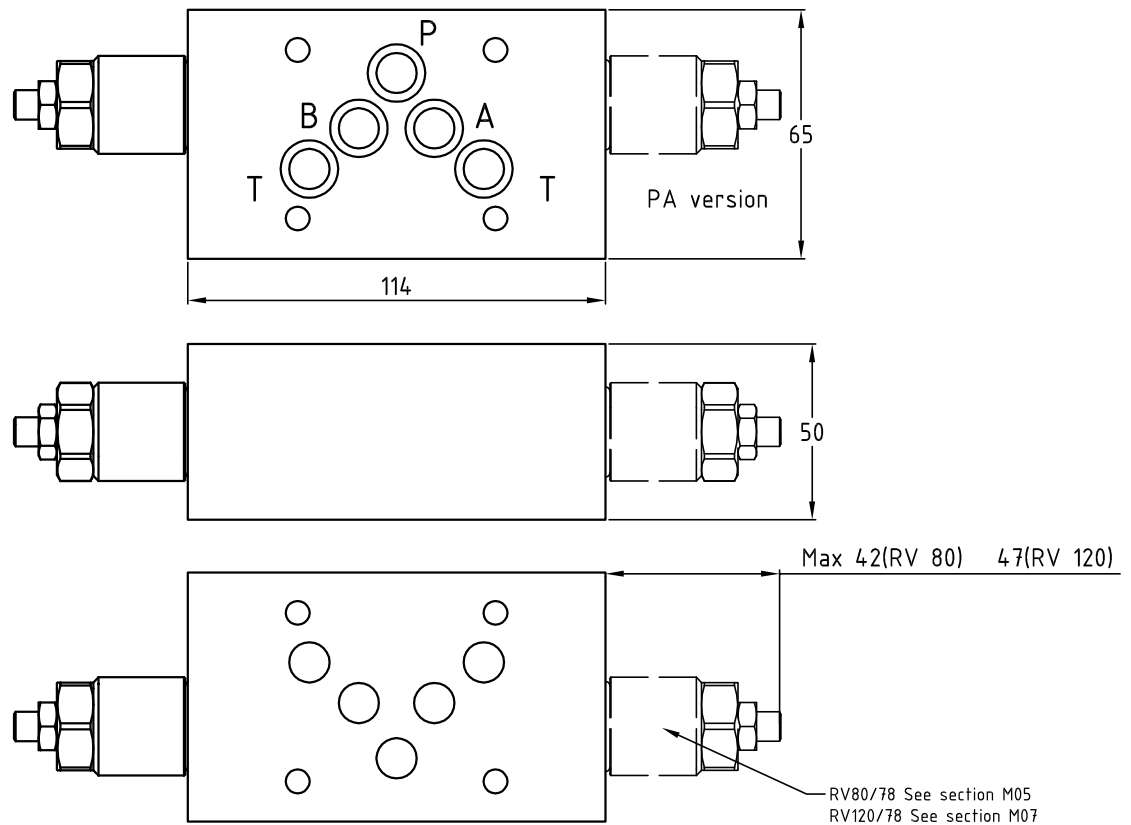
80 = RV80/78 See Section M05
120 = RV120/78 See Section M07

Cetop 05

AB = limitazione su A e B
AB = limitation on A and B

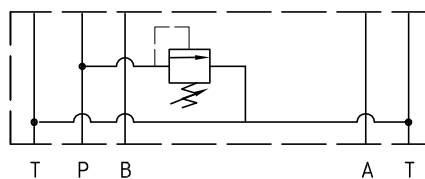
MRV5P

Valvola modulare di massima pressione Cetop 05 in ghisa
Modular relief valve Cetop 05 in cast iron



Kg = 1.6

Hydraulic diagram



SETTING PRESSURE TABLE

	Optimized	Total
RV80/78	A= 5÷75	
	B= 76÷125	(10÷180)
	C= 120÷220	(10÷240)
	D= 220÷350	(50÷350)
RV120/78	A= 20÷280	
	B= 140÷280	
	C= 240÷400	

Esempio di ordinazione - Ordering code

MRV 5 P ** **

Valvola di massima modulare in ghisa
Modular relief valve in cast iron

Cetop 05

Setting pressure

80 = RV80/78 See Section M05
120 = RV120/78 See Section M07

P = limitazione su P

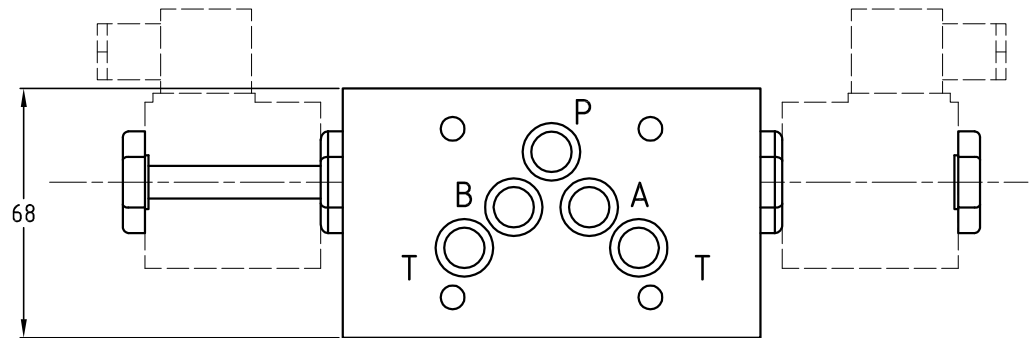
P = limitation on P

a richiesta
on request

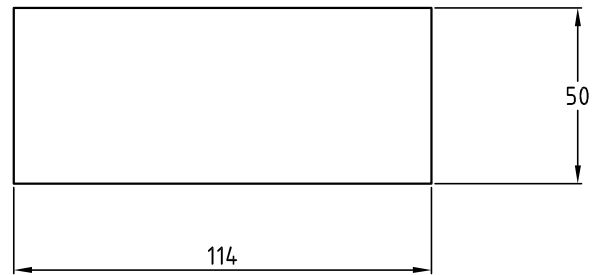
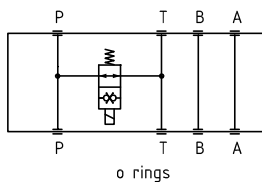
PA = limitazione su P lato A
PA = limitation on P side A

EMV5**

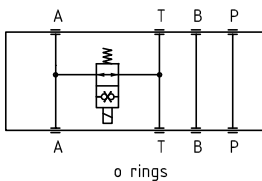
Valvola modulare di messa a scarico Cetop 05 in ghisa
Modular venting valve Cetop 05 in cast iron



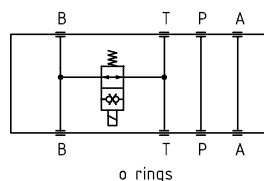
P version NO



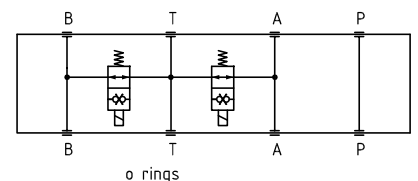
A version NO



B version NO



AB version NO



Esempio di ordinazione - ordering code

EMV 5 ** ** *

Elemento modulare messa a scarico in ghisa
Modular element in cast iron with solenoid valve
for Venting

Cetop 05

A = Valvola su A
A = Valve on A

B = Valvola su B
B = Valve on B

AB = Valvola su A e B
AB = Valve on A and B

P = Valvola su P
P = Valve on P

Tensione solenodie
Solenoid coil

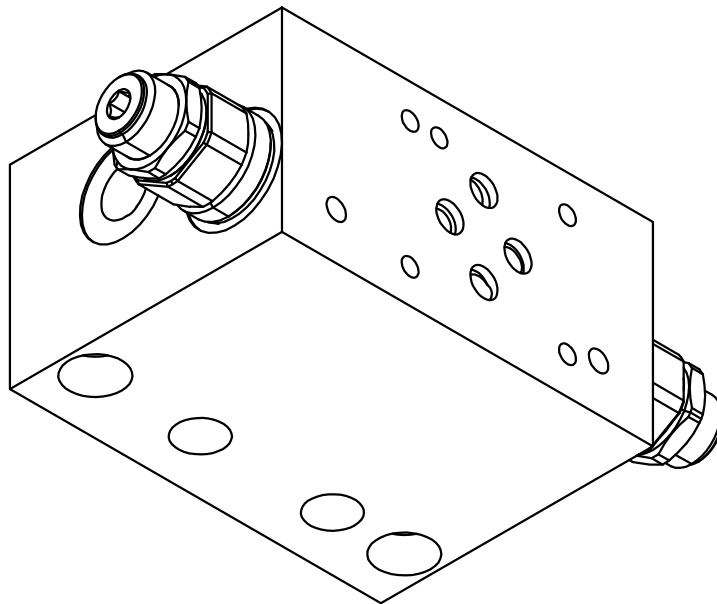
12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

NO = normalmente aperto
NO = normally open

NC = normalmente chiuso
NC = normally closed

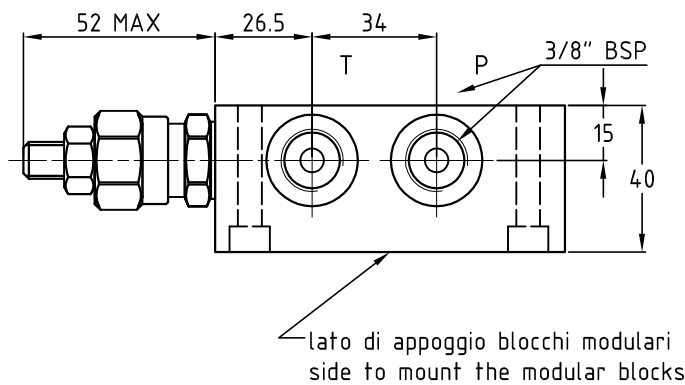
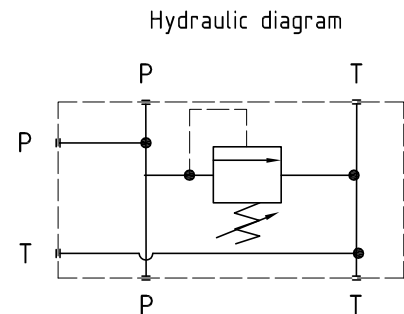
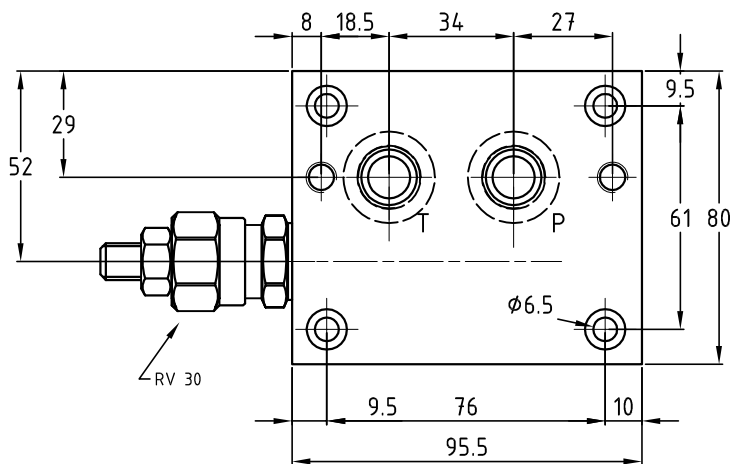
Piastre per minicentraline Plates for mini power packs



**Sezione H
Section H**

PB3MCOM2*

Piastra di base in all. con valvola di massima per montaggio PC3MCO**
Block base in aluminium with relief valv for assembling PC3MCO**



peso/weight 0.90 Kg

Esempio di ordinazione - Ordering code

PB3 MCO M2 *

Piastra base in all. Cetop 03
Base block in aluminium Cetop 03

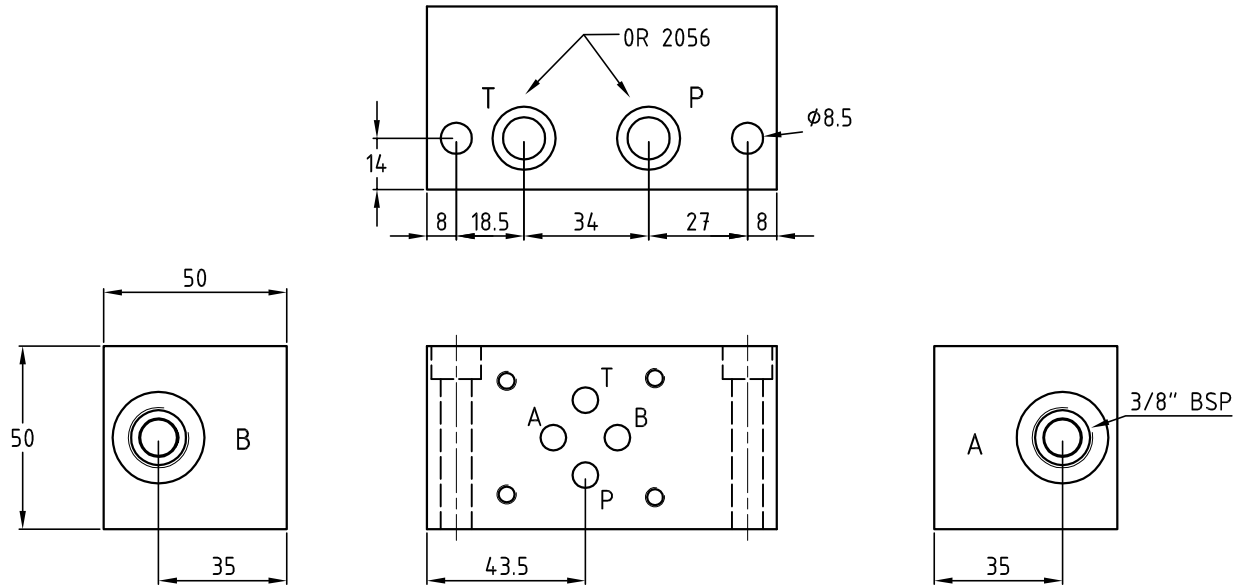
Per mini centraline
For mini powerpacks

Y=5÷55 bar A=25÷110 bar B=50÷250 bar
Q=30 lt/m

Con valvola di max RV 30 (pag. M02)
With relief valve RV 30 (page M02)

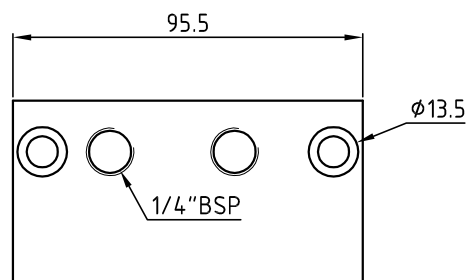
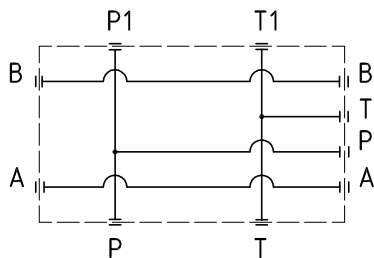
PC3MCO*

Piastra componibile in alluminio Cetop 03 per minicentraline
Packing plate in aluminium Cetop 03 for mini power packs



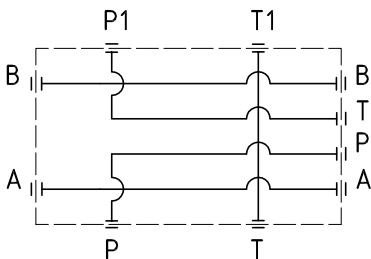
Hydraulic diagram

Coll. in parallelo - Parallel circuit



peso/weight 0.56 Kg

Coll. in serie - Series circuit



Esempio di ordinazione - Ordering code

PC3 MCO *

Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminium

Per mini centraline
For mini powerpacks

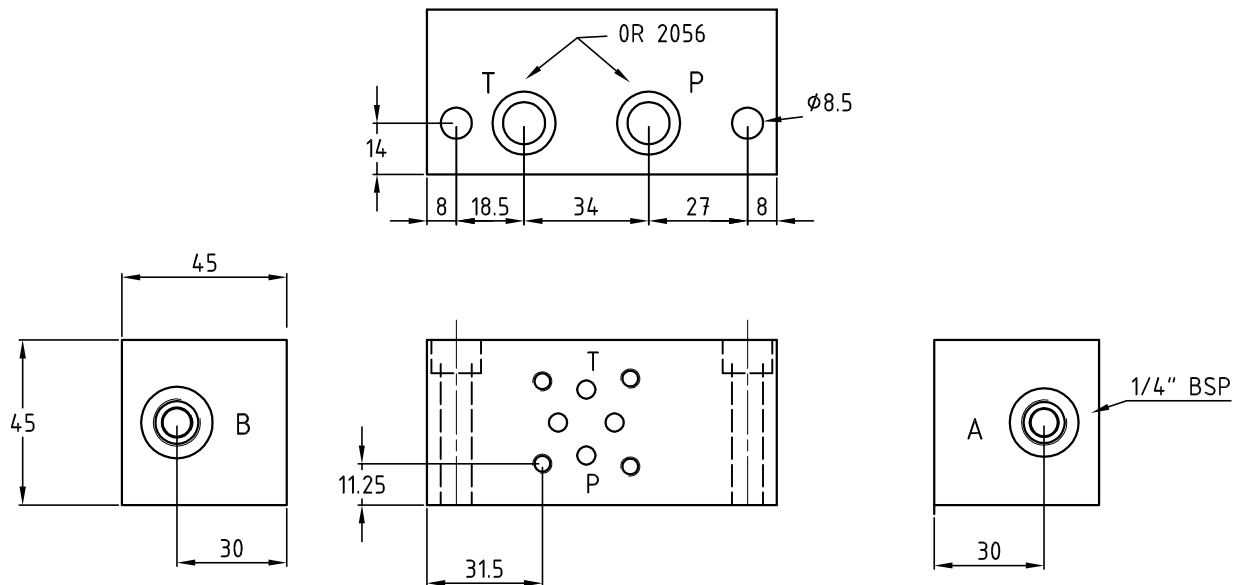
P = Collegamento in parallelo
P = Parallel connecting

S = Collegamento in serie
S = serie connecting

PC2MCO*

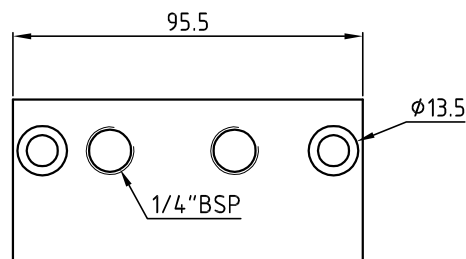
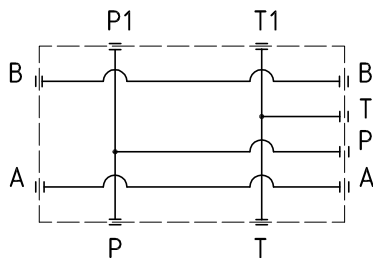
NEW

Piastra componibile in alluminio Cetop 02 per minicentraline
Packing plate in aluminium Cetop 02 for mini power packs



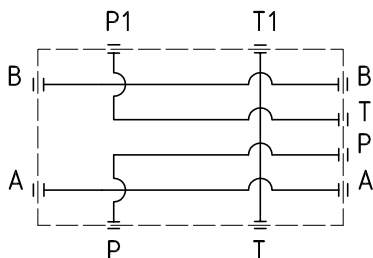
Hydraulic diagram

Coll. in parallelo - Parallel circuit



peso/weight 0.46 Kg

Coll. in serie - Series circuit



Esempio di ordinazione - Ordering code

PC2 MCO *

Piastra componibile Cetop 02 in alluminio
Packing plate Cetop 02 in aluminium

Per mini centraline
For mini powerpacks

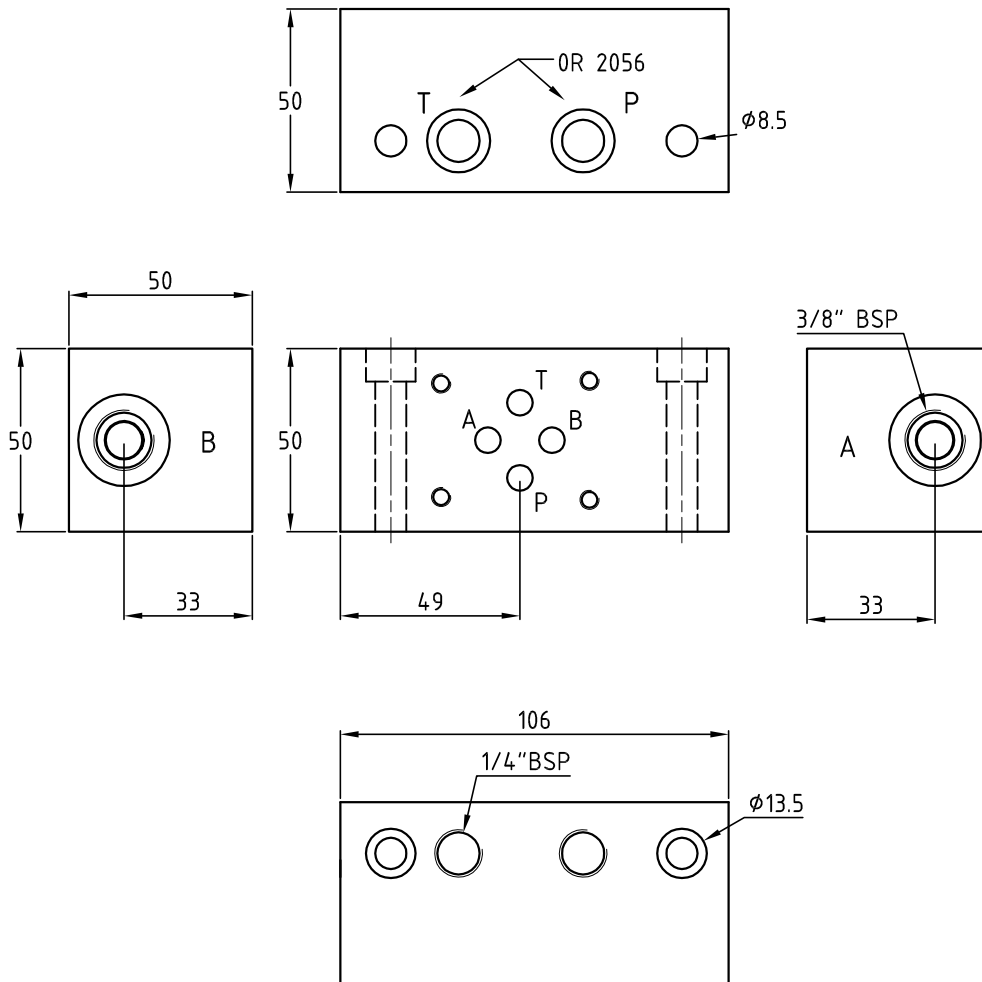
P = Collegamento in parallelo
P = Parallel connecting

S = Collegamento in serie
S = serie connecting

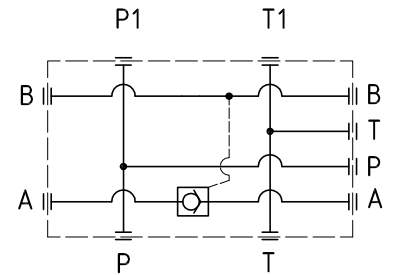
PC3MCOCV**

Piastra componibile in alluminio Cetop 03 con ritegno pilotato
Packing plate in aluminium Cetop 03 with piloted check valve

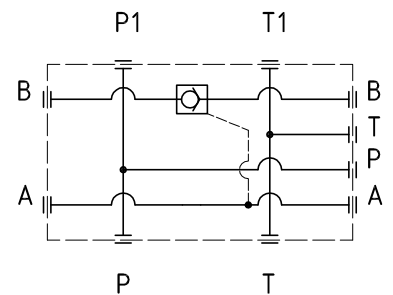
Hydraulic diagram



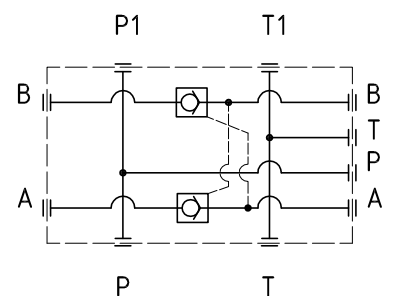
Version A



Version B



Version AB



Esempio di ordinazione - Ordering code

PC3 MCO CV **

Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminum

Per mini centraline
For mini powerpacks

Con ritegno pilotato
With piloted check valve

AB = Ritegno su utilizzi A e B
AB = Check valve on A and B ports

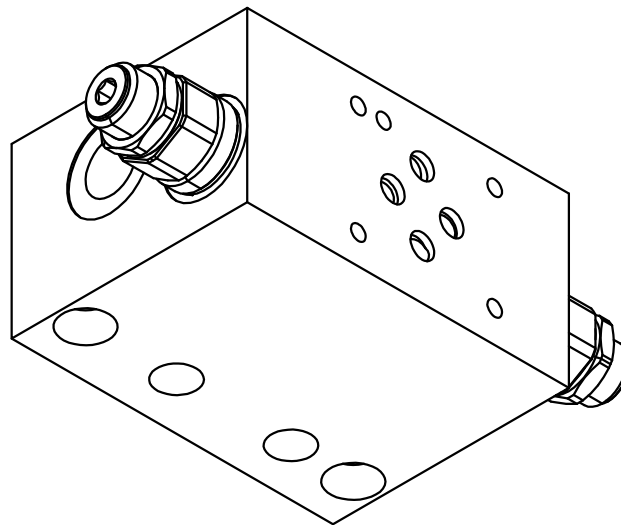
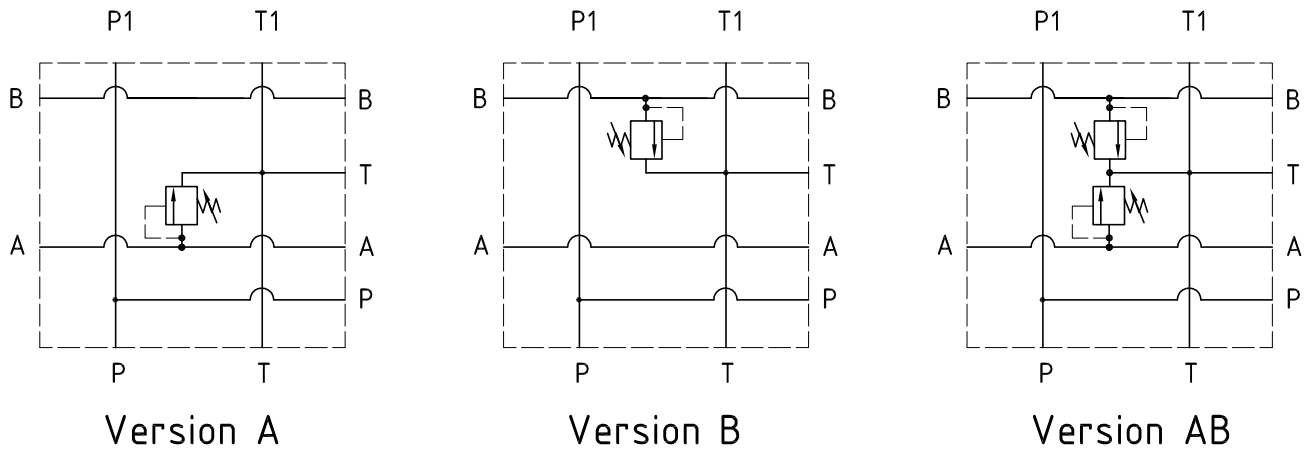
A = Ritegno su utilizzo A
A = Check valve on A port

B = Ritegno su utilizzo B
B = Check valve on B port

PC3MCO RV**

Piastra componibile in alluminio Cetop 03 con valvola di massima
Packing plate in aluminium Cetop 03 with relief valve

Hydraulic diagram



Esempio di ordinazione - Ordering code

PC3 MCO RV * *

Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminium

Per mini centraline
For mini powerpacks

Con valvola di max
With relief valve

A = 10÷160 bar B = 140÷280 bar
Q MAX = 20 lt/m

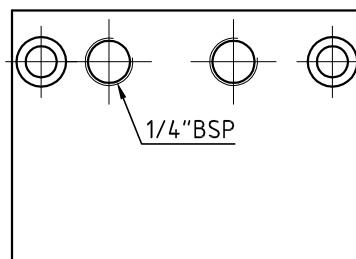
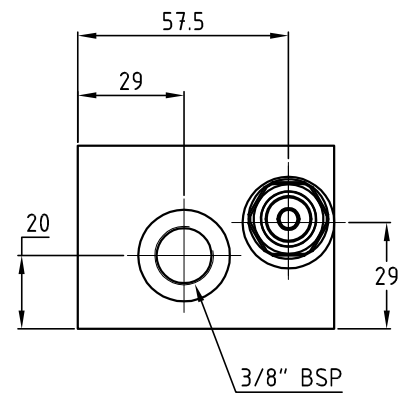
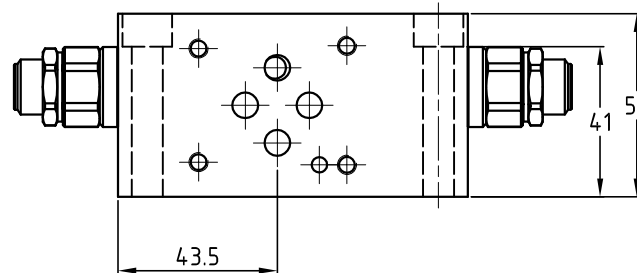
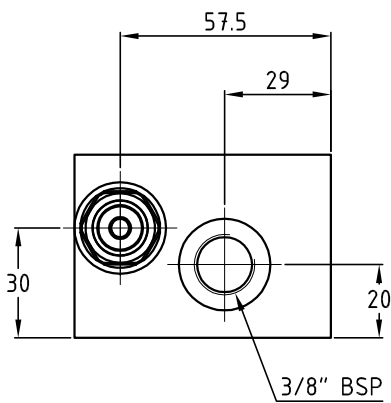
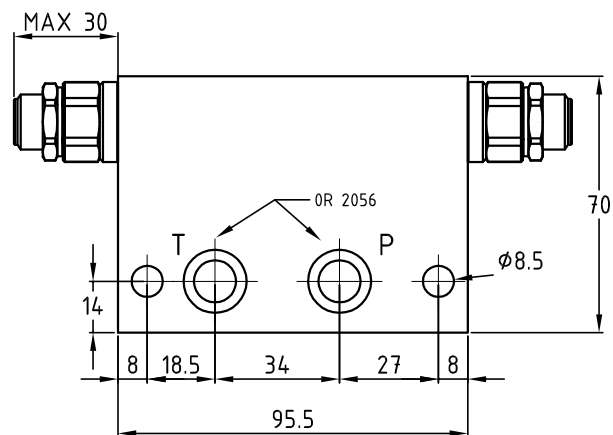
AB = Valvola di max. su utilizzi A e B
AB = Relief valve on A and B ports

A = Valvola di max. su utilizzo A
A = Relief valve on A port

B = Valvola di max. su utilizzo B
B = Relief valve on B port

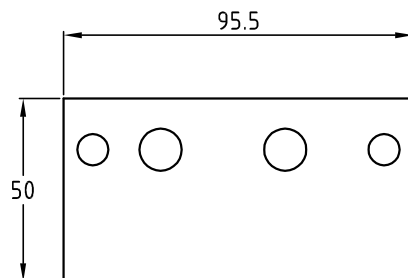
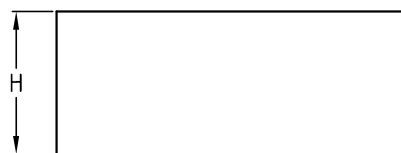
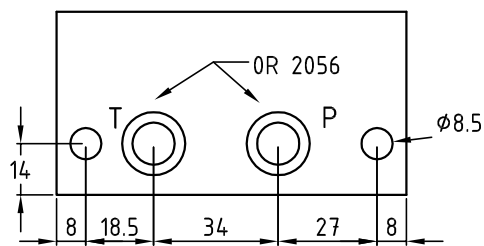
PC3MCORV**

Piastra componibile in alluminio Cetop 03 con valvola di massima
Packing plate in aluminium Cetop 03 with relief valve

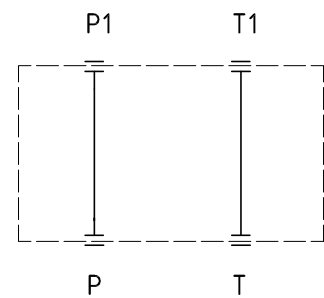


PC3MCOD**

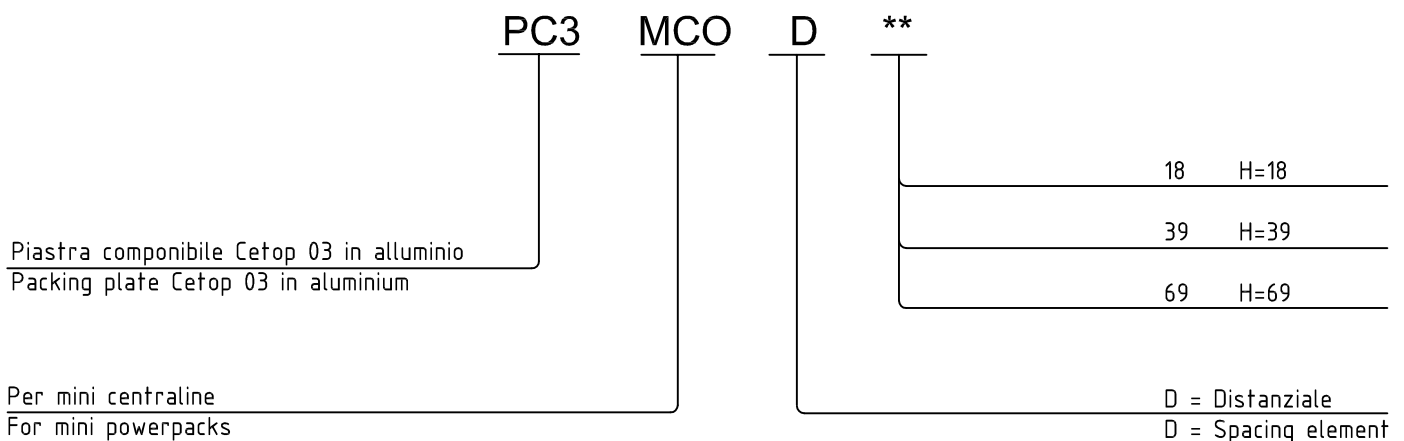
Distanziale in alluminio per minicentraline
Spacing element in aluminium for mini power packs



Hydraulic diagram

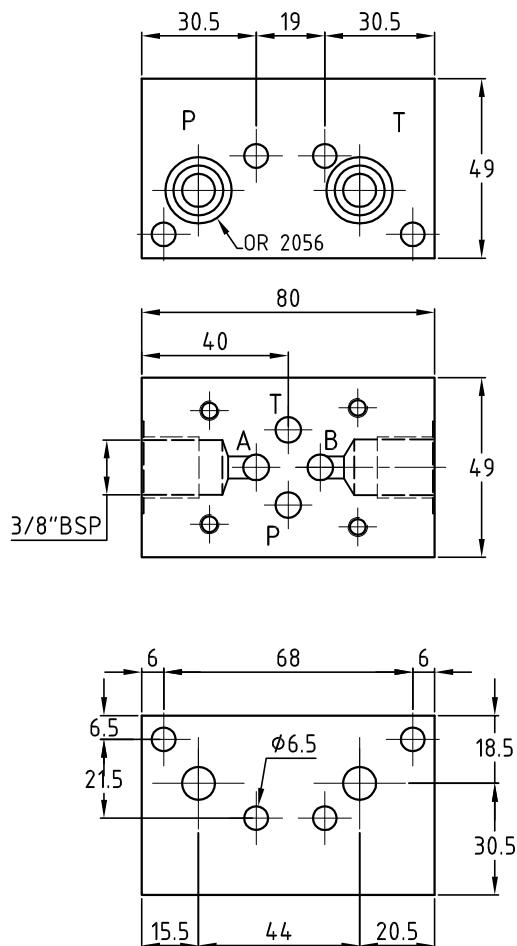


Esempio di ordinazione - Ordering code

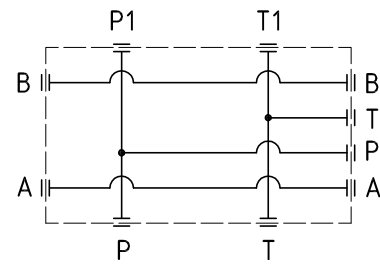


PC3MCH*

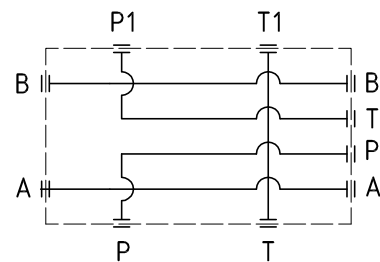
Piastra componibile Cetop 03 in alluminio per minicentraline
Packing plate Cetop 03 in aluminium for mini power packs



Hydraulic diagram



Collegamento in parallelo
Parallel circuit



Collegamento in serie
Series circuit

peso/weight 0.55 Kg

Esempio di ordinazione - Ordering code

PC3 MCH *

Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminium

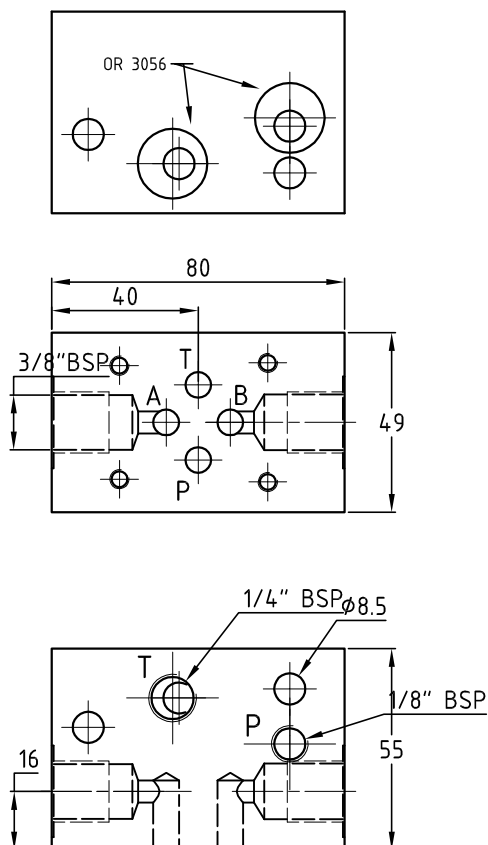
Per mini centraline
For mini powerpacks

P = Collegamento in parallelo
P = Parallel connecting

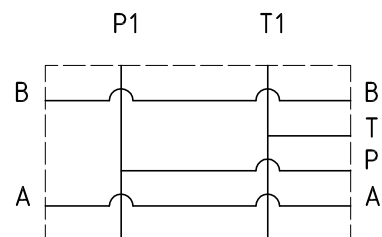
S = Collegamento in serie
S = Series connecting

PC3MCR*

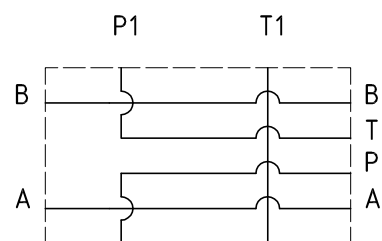
Piastra componibile Cetop 03 in alluminio per minicentraline
Packing plate Cetop 03 in aluminium for mini power packs



Hydraulic diagram



Collegamento in parallelo
Parallel circuit



Collegamento in serie
Series circuit

peso/weight 0.55 Kg

Esempio di ordinazione - ordering code

PC3 MCR *

Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminium

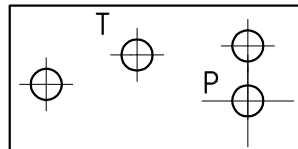
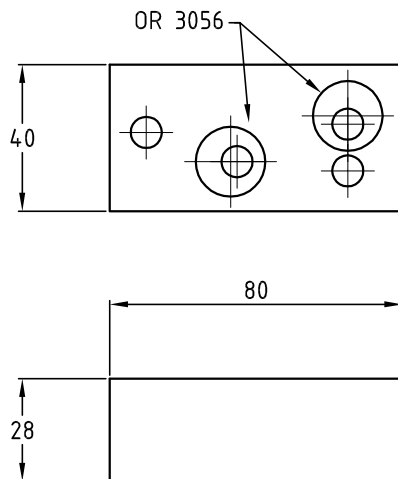
Per mini centraline
For mini powerpacks

P = Collegamento in parallelo
P = Parallel connecting

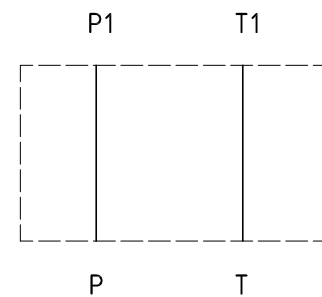
S = Collegamento in serie
S = serie connecting

PC3MCRD28

Distanziale in alluminio per minicentraline
Spacing element in aluminium for mini power packs



Hydraulic diagram



peso/weight 0.25 Kg

Esempio di ordinazione - Ordering code

PC3 MCR D 28

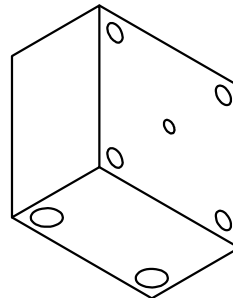
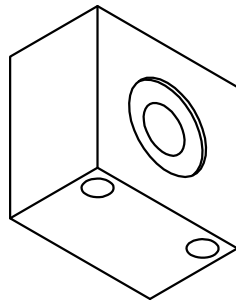
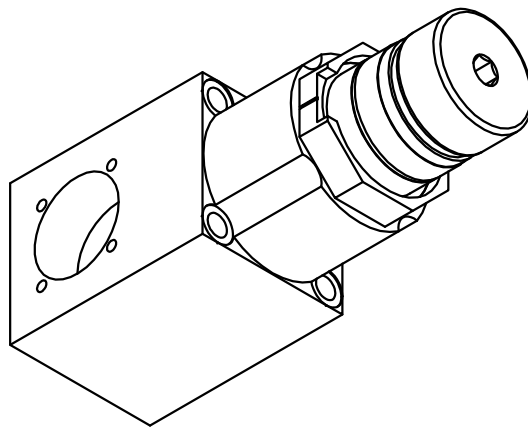
Piastra componibile Cetop 03 in alluminio
Packing plate Cetop 03 in aluminium

Per mini centraline
For mini powerpacks

28 = 28 mm

D = distanziale
D = spacing element

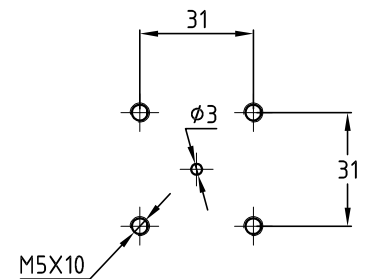
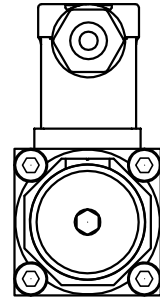
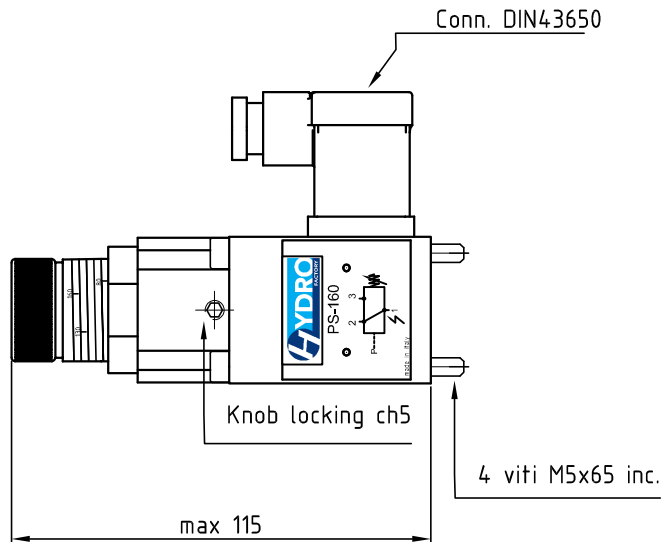
Pressostati e adattatori Pressure Switch and Adapter



Sezione I Section I

PS **

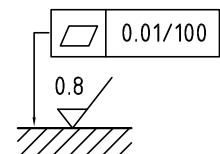
Pressostato a pistone con scala graduata
Piston pressure switch with graduated scale



- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura fluido idraulico: da -30° a +110° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Temperature hydraulic fluid: -30° to +110° C

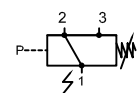
superficie/Surface



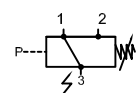
Esempio di ordinazione - Ordering code

	PS	**	*
Pressostato			
Pressure switch			
35 =	da 07 a 38 bar from 07 until 38 bar		
160 =	da 10 a 170 bar from 10 until 170 bar		
250 =	da 15 a 260 bar from 15 until 260 bar		
360 =	da 25 a 360 bar from 25 until 360 bar		

Omettere se contatto E
Omit if contact E



Cont. standard



Cont. A

PS **

Pressostato a pistone con scala graduata Piston pressure switch with graduated scale

Caratteristiche tecniche:

- Corpo in alluminio realizzato con macchine cnc e anodizzato.
- Vite di regolazione in acciaio con nonio graduato ed esagono incassato ch 6.
- grano di bloccaggio taratura ch5 .
- Contatti elettrici Dorati
- Isteresi = +/- 4% valore impostato
- Peso 500 gr
- Completo di connettore DIN 43650

Technical Features:

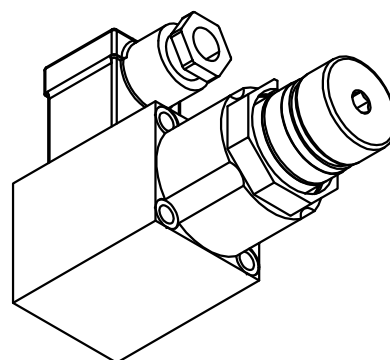
- Aluminium body cnc machine maked with anodization.
- Screw regulation with graduate scale and exagon socket ch6.
- Knob Locking ch5.
- Gold plate on silver electric contacts
- hysteresis = +/- 4 % set point
- Weight 500 gr
- Complete of connector DIN 43650

Adattatori per montaggio pressostati, vedere Sez. I

Adapter for pressure switch see Sec. I

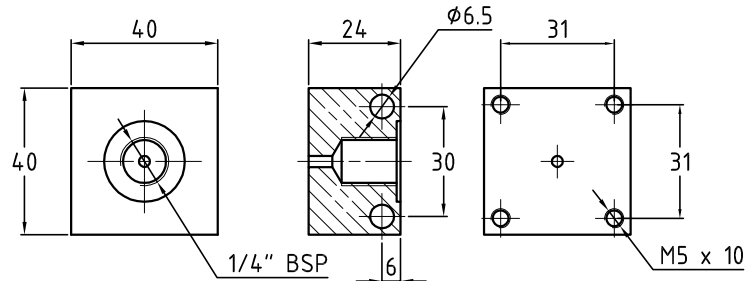
Caratteristiche elettriche/Electrical characteristics

Volt. (max)	Load	Load ind.
250 Vac	5 A	2 A
0-15 Vdc	5 A	3 A
15-30 Vdc	5 A	3 A

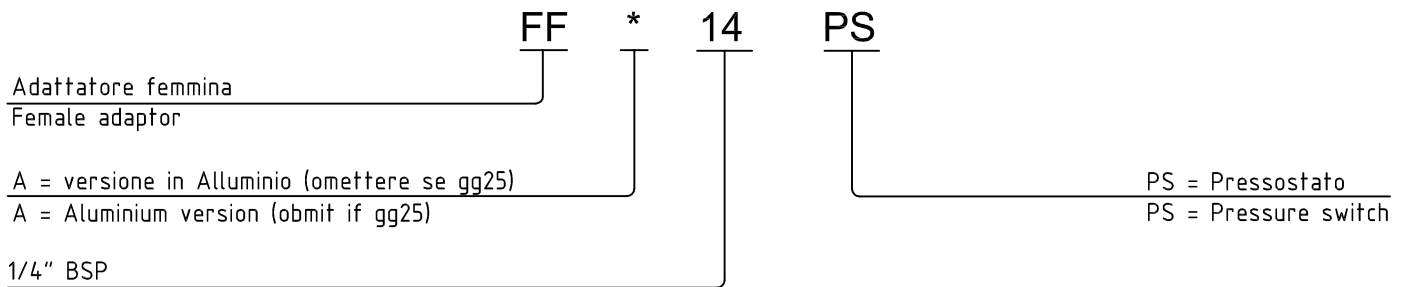


FF*14PS

Adattatore femmina per pressostato
Female adapter for pressure switch

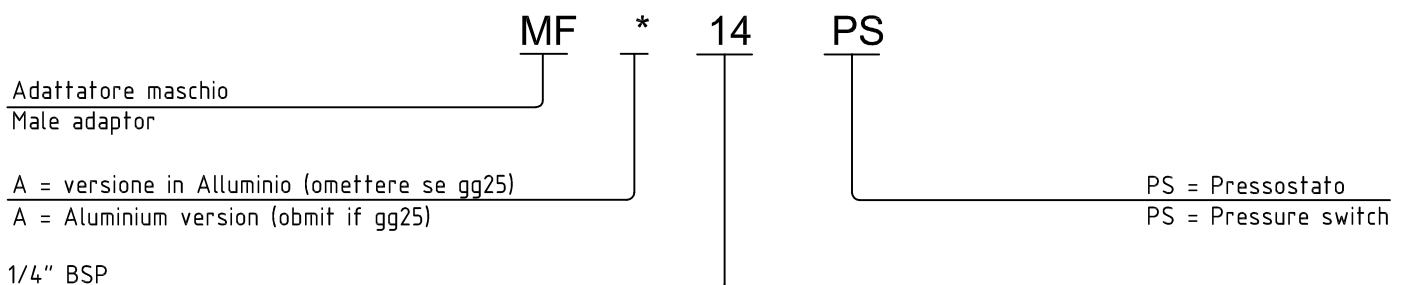
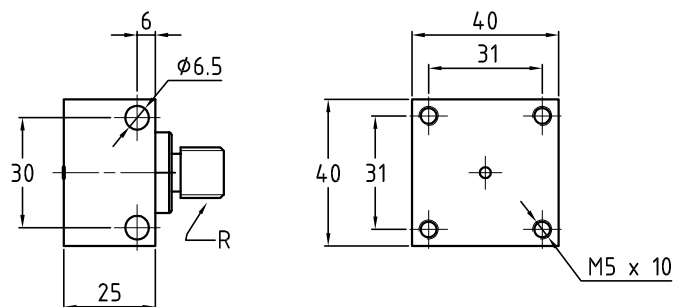


Esempio di ordinazione - Ordering code



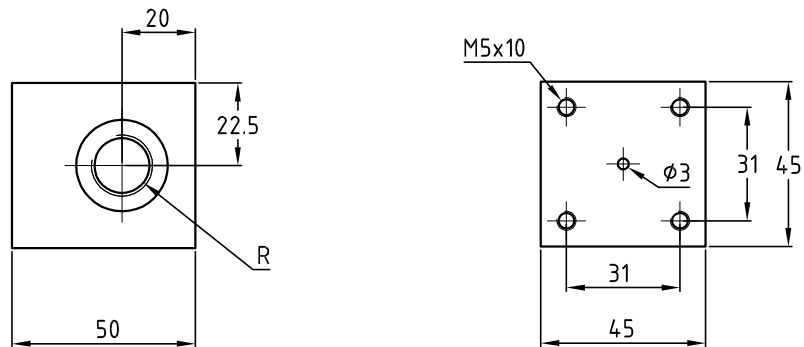
MF*14PS

Adattatore maschio per pressostato
Male adapter for pressure switch

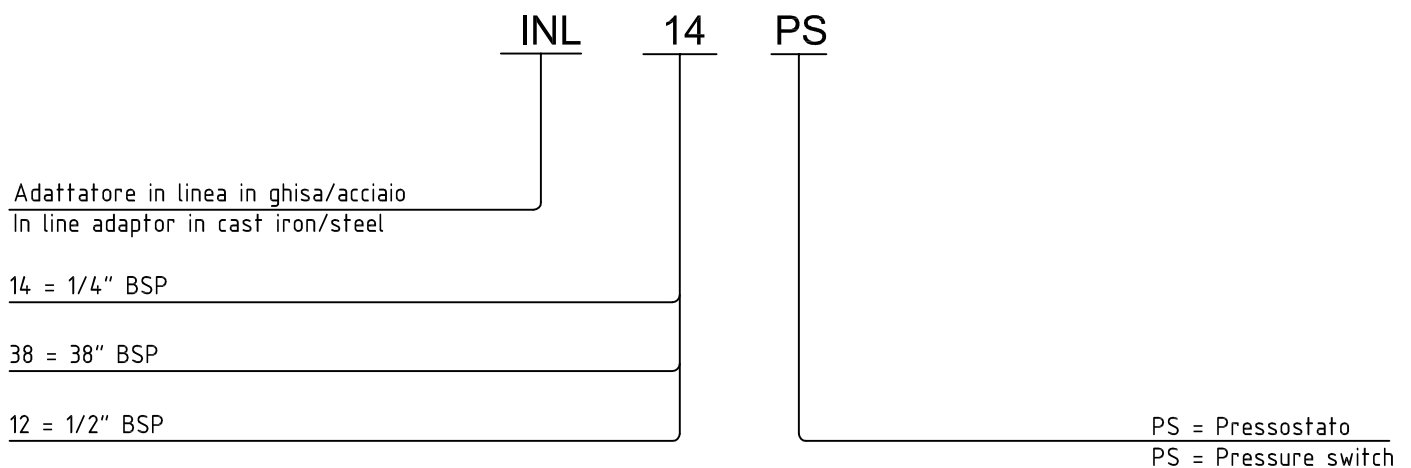


INL**PS

Adattatore in linea per pressostato
In line adapter for pressure switch

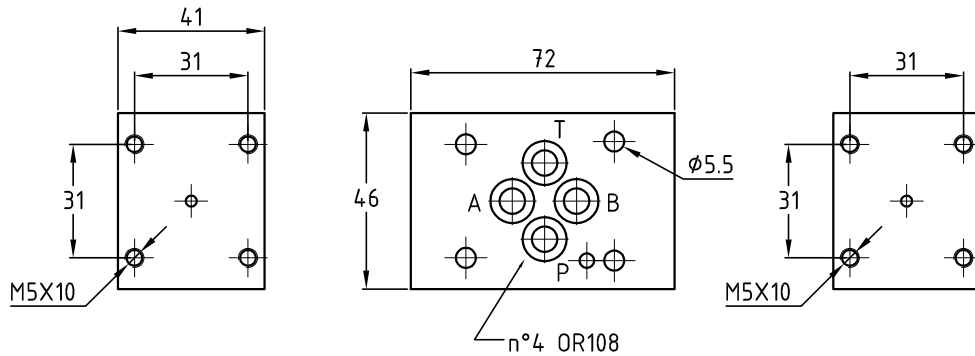


Esempio di ordinazione - Ordering code

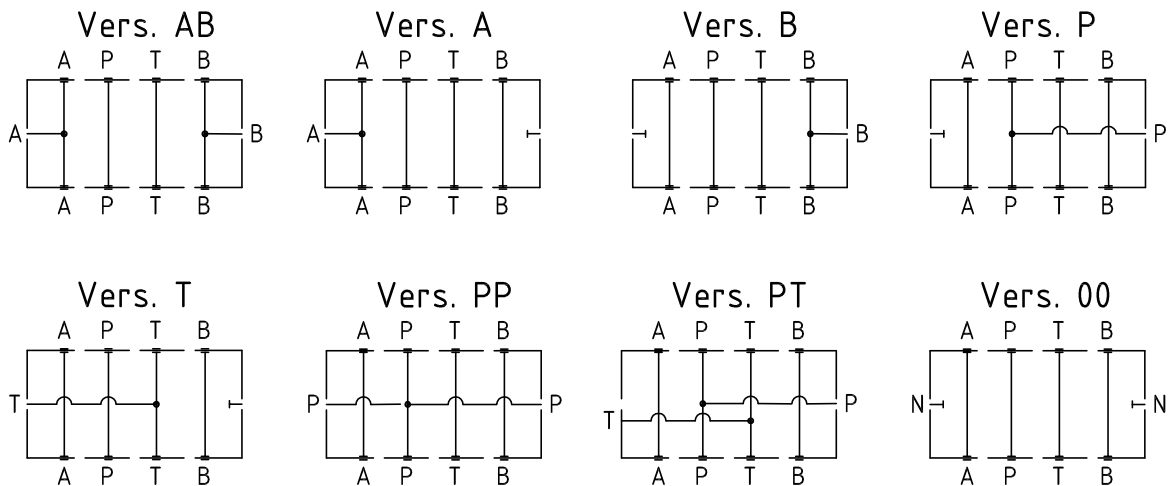


AM3PS/**

Adattatore Cetop 03 per pressostato
Intermediate adapter Cetop 03 for pressure switch



Hydraulic diagram



Esempio di ordinazione - Ordering code

AM3 PS / **

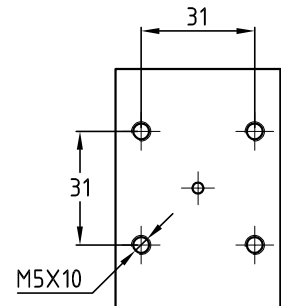
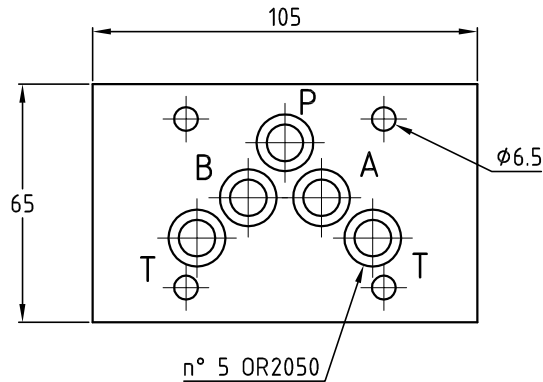
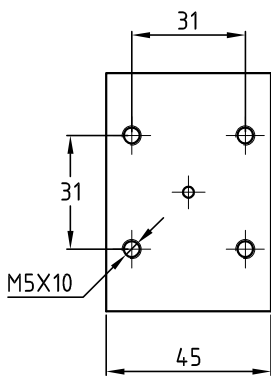
Adattatore Cetop 03 in ghisa/acciaio
Intermediate adapter Cetop 03 in cast iron/steel

PS = pressostato
PS = pressure switch

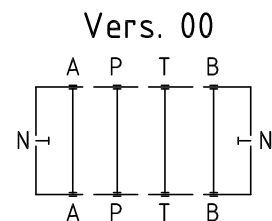
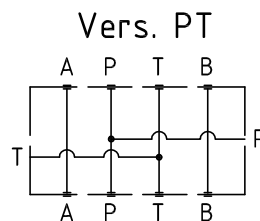
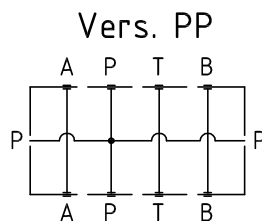
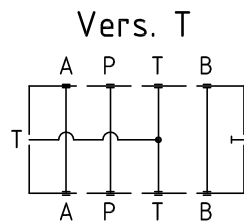
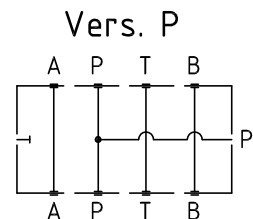
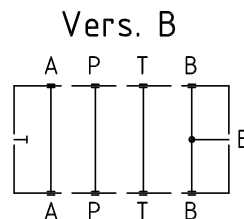
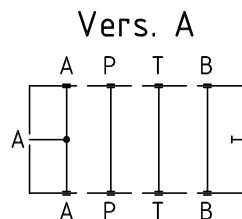
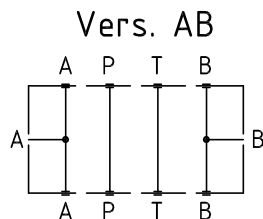
AB = versione AB
AB = AB version
A = versione A
A = A version
B = versione B
B = B version
P = versione P
P = P version
T = versione T
T = T version
PP = versione PP
PP = PP version
PT = versione PT
PT = PT version
00 = versione 00
00 = 00 version

AM5PS/**

Adattatore Cetop 05 per pressostato
Intermediate adaptor Cetop 05 for pressure switch



Hydraulic diagram



Esempio di ordinazione - Ordering code

AM5

PS

/ **

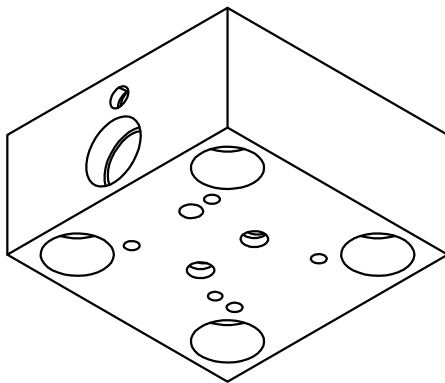
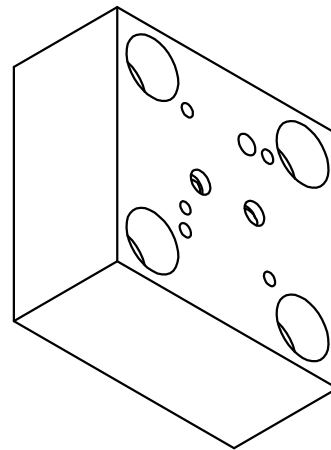
Adattatore Cetop 05 in ghisa/steel
Intermediate adaptor Cetop 05 in cast iron/steel

PS = pressostato
PS = pressure switch

AB = Versione AB
AB = Version AB
A = Versione A
A = Version A
B = Versione B
B = Version B
P = Versione P
P = Version P
T = Versione T
T = Version T
PP = Versione PP
PP = Version PP
PT = Versione PT
PT = Version PT
00 = Versione 00
00 = Version 00

Cappellotti di chiusura DIN24342

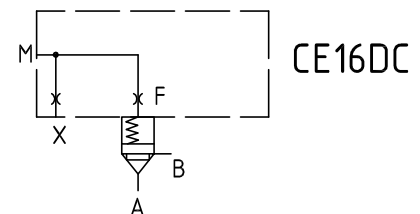
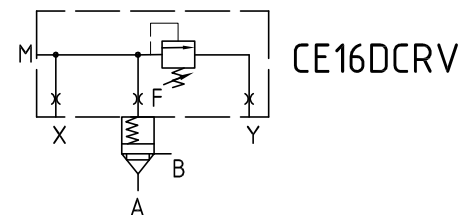
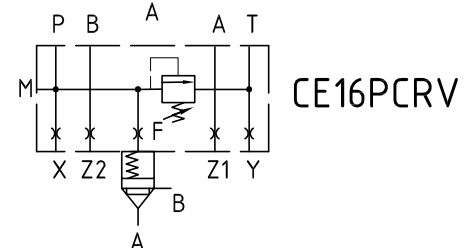
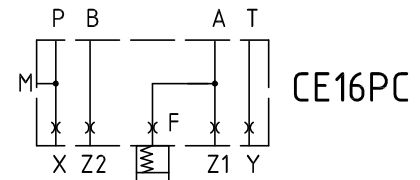
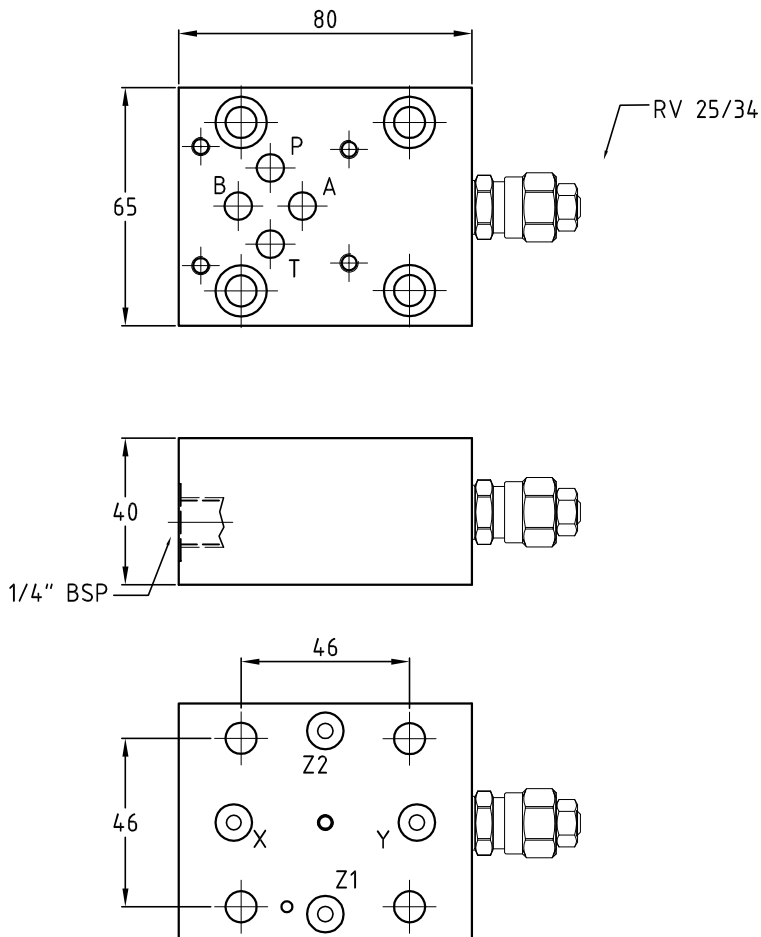
Closing elements DIN 24342



Sezione L
Section L

CE16**

Elemento di chiusura in ghisa/acciaio a norme DIN 24342
Closing element in cast iron/steel DIN 24342

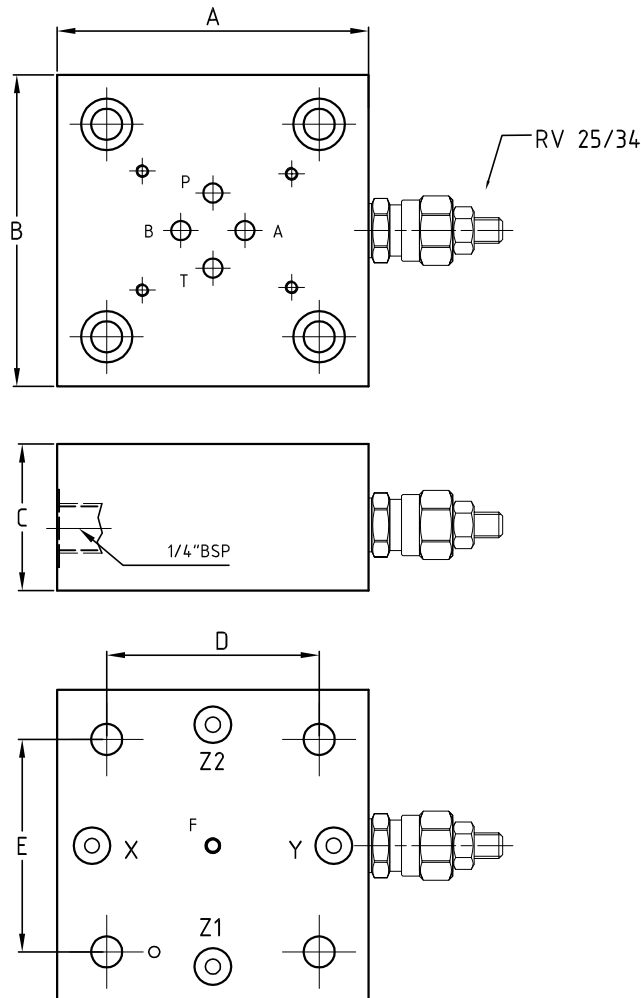


Esempio di ordinazione - Ordering code

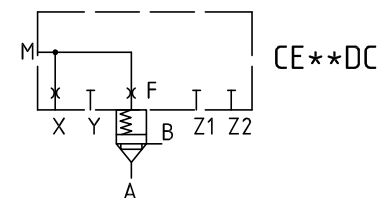
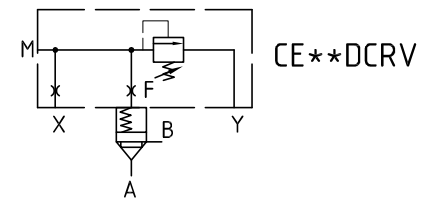
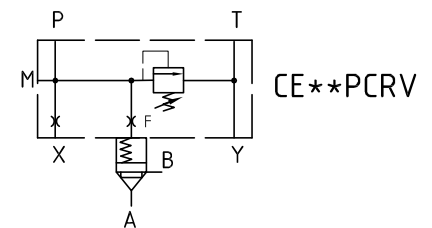
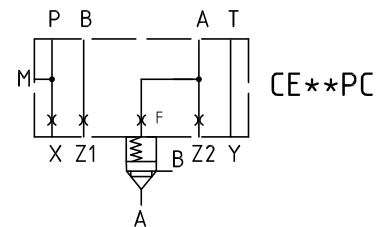
CE	16	**	*
Elemento di chiusura in ghisa/acciaio Closing element in cast iron/steel			A=30÷100 bar B=50÷210 bar C=100÷350 bar Solo nella versione RV - Only in RV version
			DC = elemento di chiusura DC = closing element DCRV = elemento di chiusura con valv. di max. RV30 DCRV = closing element with relief valve RV30 PC = elemento di chiusura con pred. per pilotaggio PC = closing element arranged for pilot PCRV = elem. chiusura con pred. pilot. e val. di max. RV30 PCRV = closing el. arranged for pilot and relief valve RV30
16 = grandezza DN16 16 = size DN16			

CE**

Elemento di chiusura in ghisa/acciaio a norme DIN 24342
Closing element in cast iron/steel DIN 24342



Hydraulic diagram



Dimension table

DN size.	A	B	C	D	E
25	85	85	40	58	58
32	100	100	50	70	70

Esempio di ordinazione - Ordering code

CE ** ** *

Elemento di chiusura in ghisa/acciaio
Closing element in cast iron/steel

25 = grandezza DN25
25 = size DN25

32 = grandezza DN32
32 = size DN32

Solo per versione RV - Only for RV version
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420

DC = elemento di chiusura

DC = closing element

DCRV = elemento di chiusura con valv. di max.

DCRV = closing element with relief valve

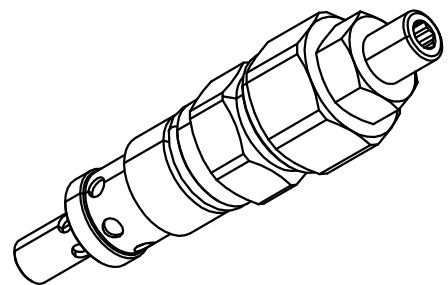
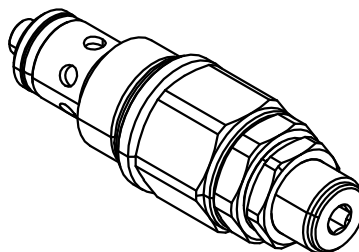
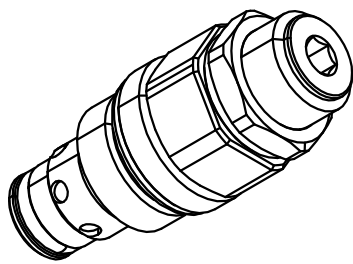
PC = elemento di chiusura con pred. per pilotaggio

PC = closing element arranged for pilot

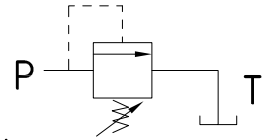
PCRV = elem. di chiusura con pred. per pilot. e val. di max.

PCRV = closing element arranged for pilot and relief valve

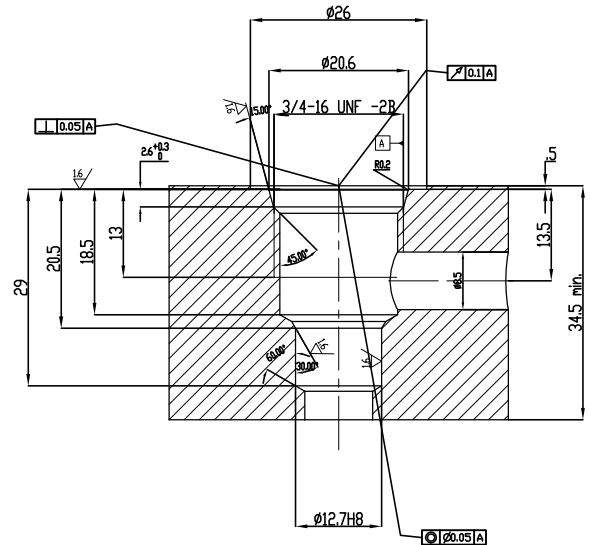
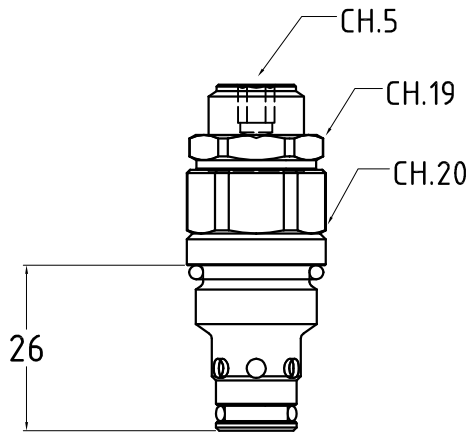
Cartucce varie Cartridge



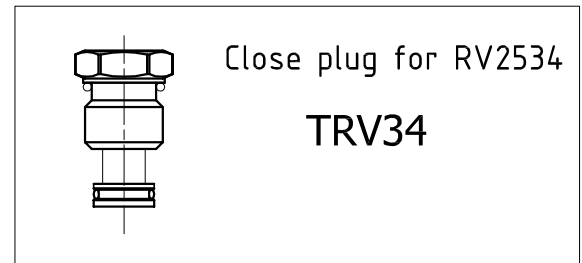
Sezione M
Section M



Cartuccia di massima pressione ad azione diretta
Pressure relief valve direct action



- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.19 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura fluido idraulico: da -20° a +75° C



- Calibration pressure is obtained by loosening the lock nut ch.19 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - Ordering code

RV 25 34 *

Cartuccia di massima pressione
Pressure relief valve

25 = 25 L/min.

34 = 3/4 unf SAE 08/2

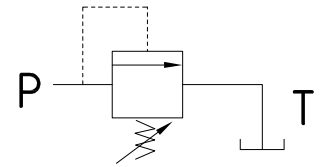
SETTING PRESSURE TABLE

RV25/34	Optimized	Total
	Y= 20÷70	
	A= 10÷160	
	B= 181÷280	(100÷290)
	C= 281÷350	(130÷350)

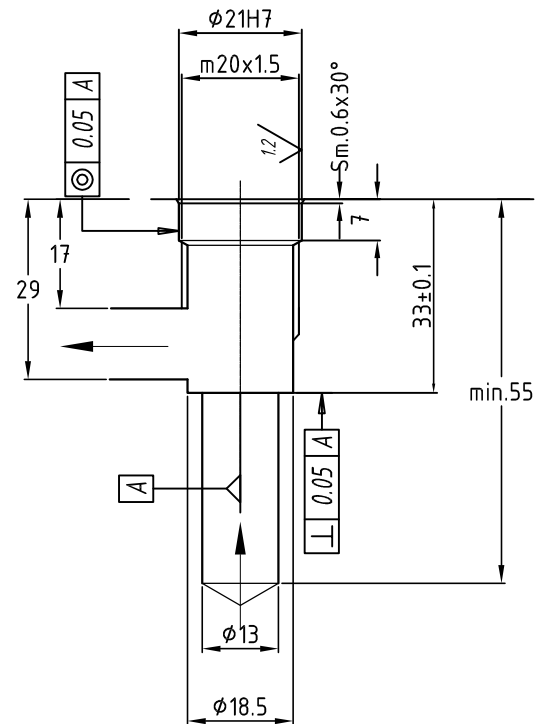
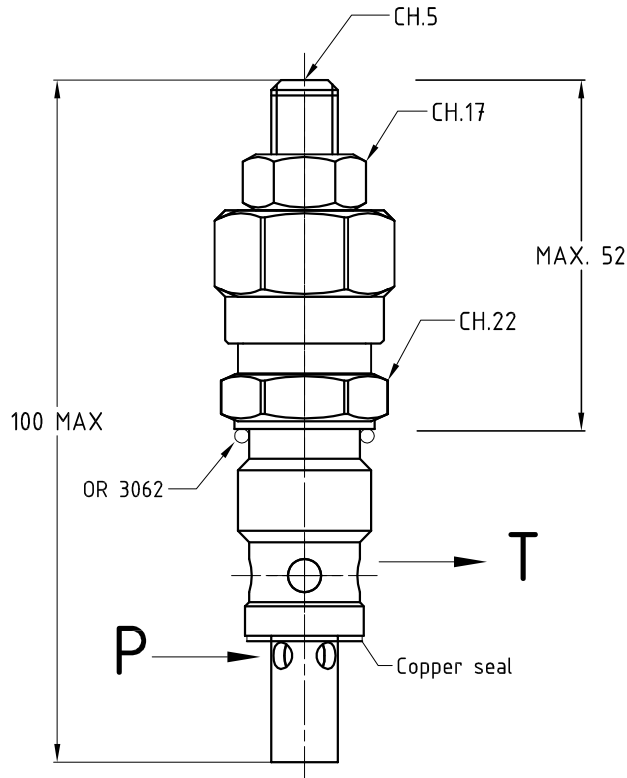
RV-30

Cartuccia di massima pressione
Pressure relief valve

Hydraulic diagram

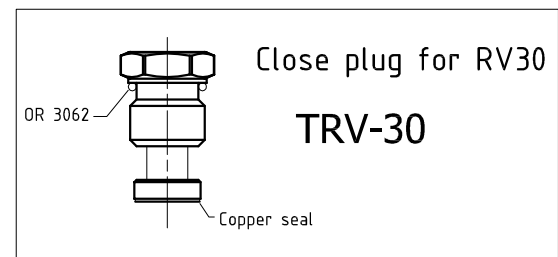


Cavity RV30



- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.17 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Calibration pressure is obtained by loosening the lock nut ch.17 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C



Esempio di ordinazione - Ordering code

RV 30 *

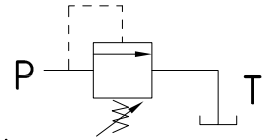
Cartuccia di massima pressione
Pressure relief valve

30 = Q 30 L/min.

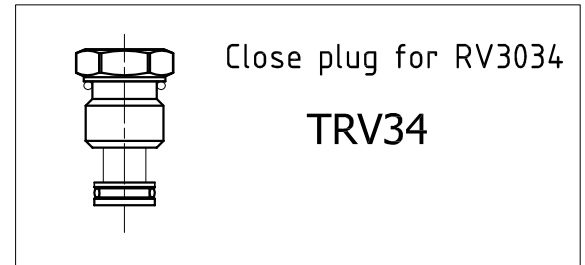
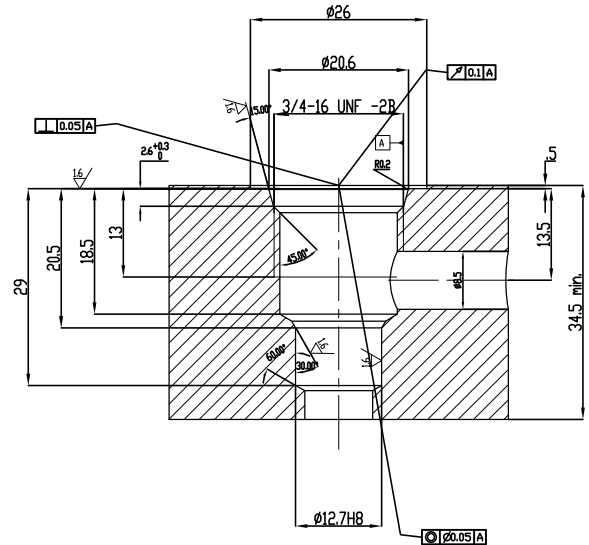
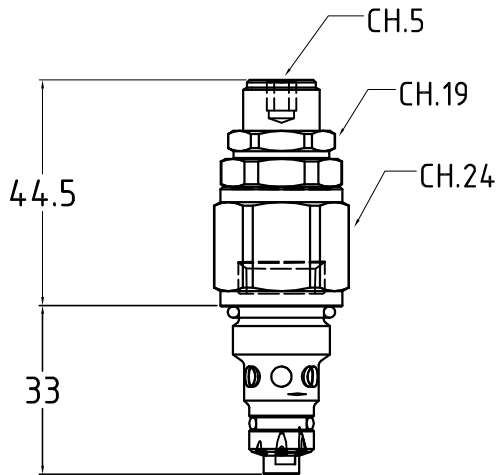
Y=5÷55 bar A=25÷110 bar B=50÷250 bar
C=100÷350 bar D=100÷420 bar

RV 30 34

Hydraulic diagram



Cartuccia di massima pressione ad azione diretta
Pressure relief valve direct action



- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.19 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C
- Coppia di serraggio 40-45 Nm

- Calibration pressure is obtained by loosening the lock nut ch.19 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C
- Installation torque 40-45 Nm

Esempio di ordinazione - Ordering code

RV 30 34 *

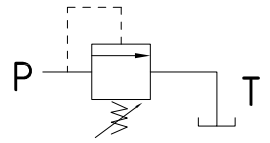
Cartuccia di massima pressione
Pressure relief valve

30 = 30 L/min.

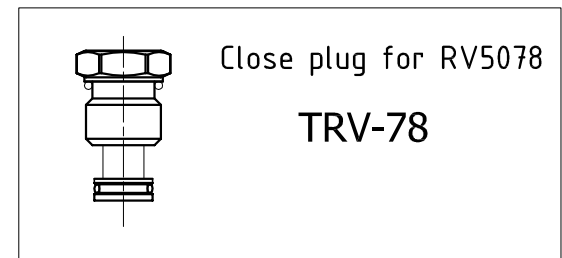
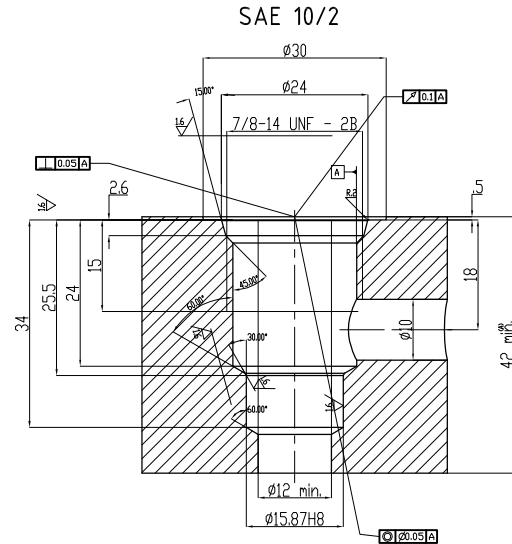
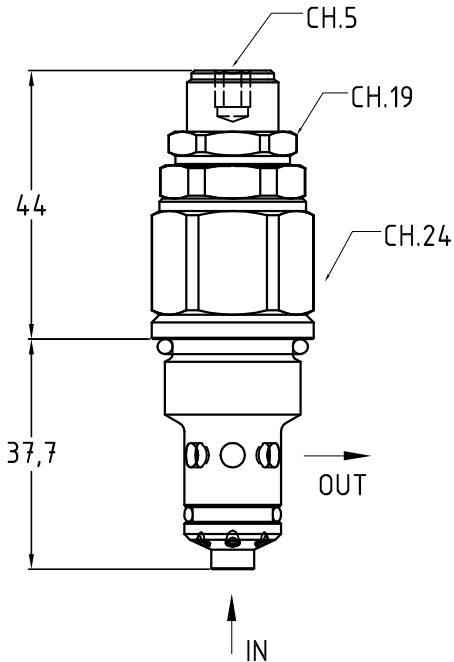
34 = 3/4 unf SAE 08/2

SETTING PRESSURE TABLE

RV30/34	Total range	
	Y= 15÷60	
	A= 25÷135	
	B= 50÷220	
	C= 120÷350	



Cartuccia di massima pressione ad azione diretta Pressure relief valve direct action



- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.19 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Calibration pressure is obtained by loosening the lock nut ch.19 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - Ordering code

RV 50 78 *

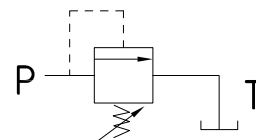
Cartuccia di massima pressione
Pressure relief valve

50 = 50 L/min.

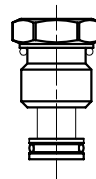
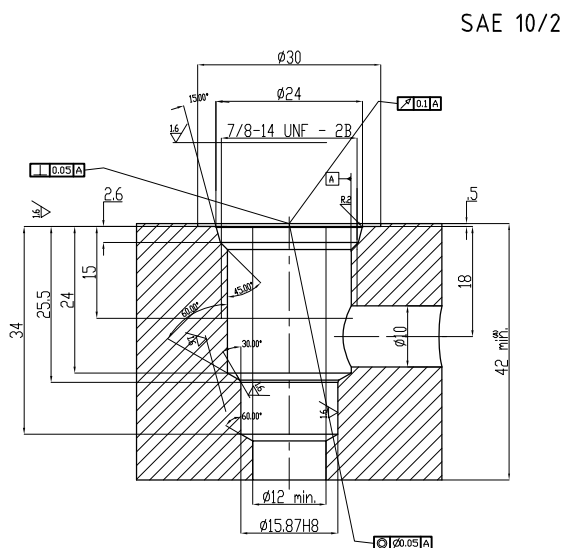
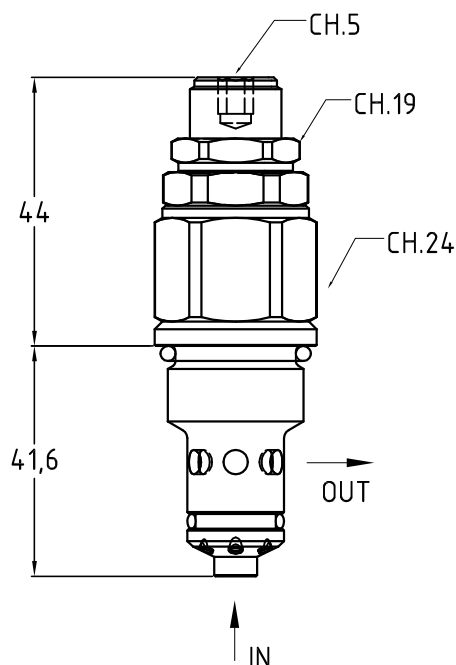
7/8 = 7/8 unf SAE 10/2

SETTING PRESSURE TABLE

RV50/78	Optimized	Total
	Y= 15÷50	(15÷60)
	A= 51÷120	(25÷135)
	B= 121÷200	(50÷200)
	C= 201÷350	(120÷350)



Cartuccia di massima pressione ad azione diretta
Pressure relief valve direct action



Close plug for RV8078

TRV-78

- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.19 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Calibration pressure is obtained by loosening the lock nut ch.19 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - Ordering code

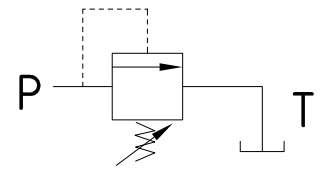
RV 80 78 *

Cartuccia di massima pressione
Pressure relief valve

$$80 = 80 \text{ L/min.}$$
$$7/8 = 7/8 \text{ unf SAE } 10/2$$

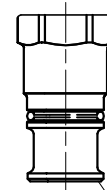
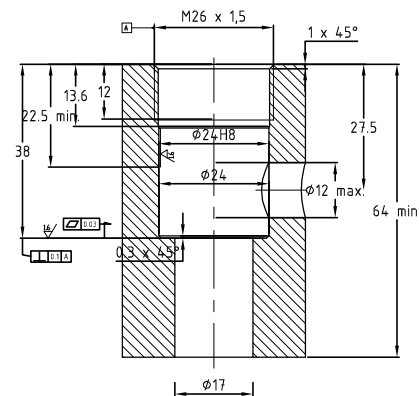
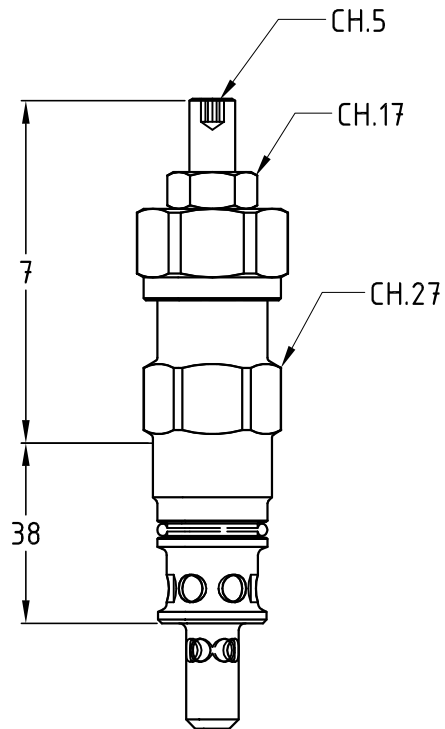
SETTING PRESSURE TABLE

RV80/78	Optimized	Total
	Y= 5÷75	(5÷110)
	A= 75÷125	(10÷180)
	B= 125÷220	(10÷240)
	C= 220÷350	(50÷350)



Cartuccia di massima pressione
Pressure relief valve

Cavity RV80



Close plug for RV80

TRV-80

Copper seal

- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.17 e ruotando la vite della cartuccia ch.5.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Calibration pressure is obtained by loosening the lock nut ch.17 and turning the cartridge screw ch.5.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - Ordering code

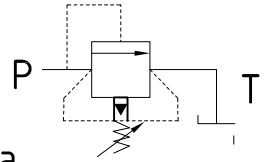
RV 80 *

Cartuccia di massima pressione
Pressure relief valve

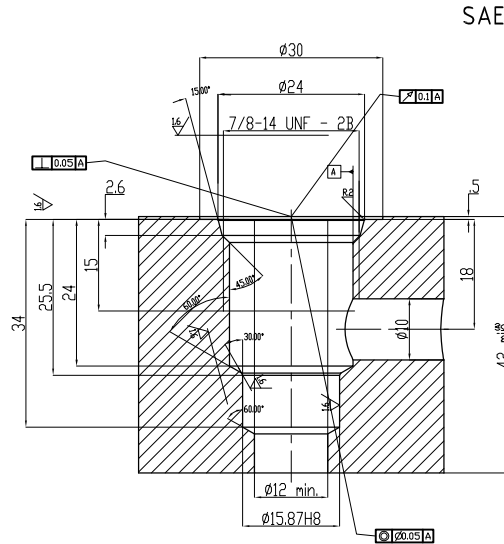
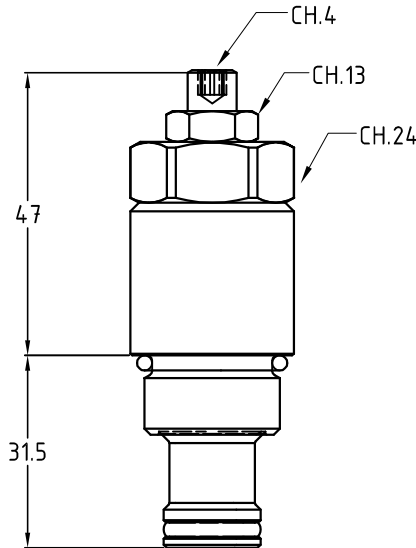
$$80 = Q \quad 80 \text{ L/min.}$$
$$\frac{Y=5 \div 55 \text{ bar} \quad A=25 \div 110 \text{ bar} \quad B=70 \div 250 \text{ bar}}{C=70 \div 350 \text{ bar}}$$

RV 120 78

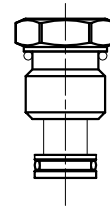
Hydraulic diagram



Cartuccia di massima pressione ad azione pilotata
Pressure relief valve pilot operated



SAE 10/2



Close plug for RV12078

TRV-78

- La taratura della pressione si ottiene allentando il dado di bloccaggio ch.13 e ruotando la vite della cartuccia ch.4.
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura fluido idraulico: da -20° a +75° C

- Calibration pressure is obtained by loosening the lock nut ch.13 and turning the cartridge screw ch.4.
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - Ordering code

RV 120 78 *

Cartuccia di massima pressione
Pressure relief valve

120 = 120 L/min.

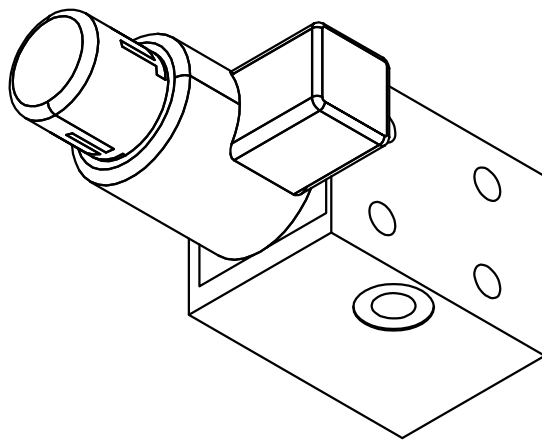
7/8 = 7/8 unf SAE 10/2

SETTING PRESSURE TABLE

RV120/78	Total
	A= 20÷280
	B= 140÷280
	C= 280÷420

Valvole ed elettrovalvole Cetop

Valves and electrovalves Cetop

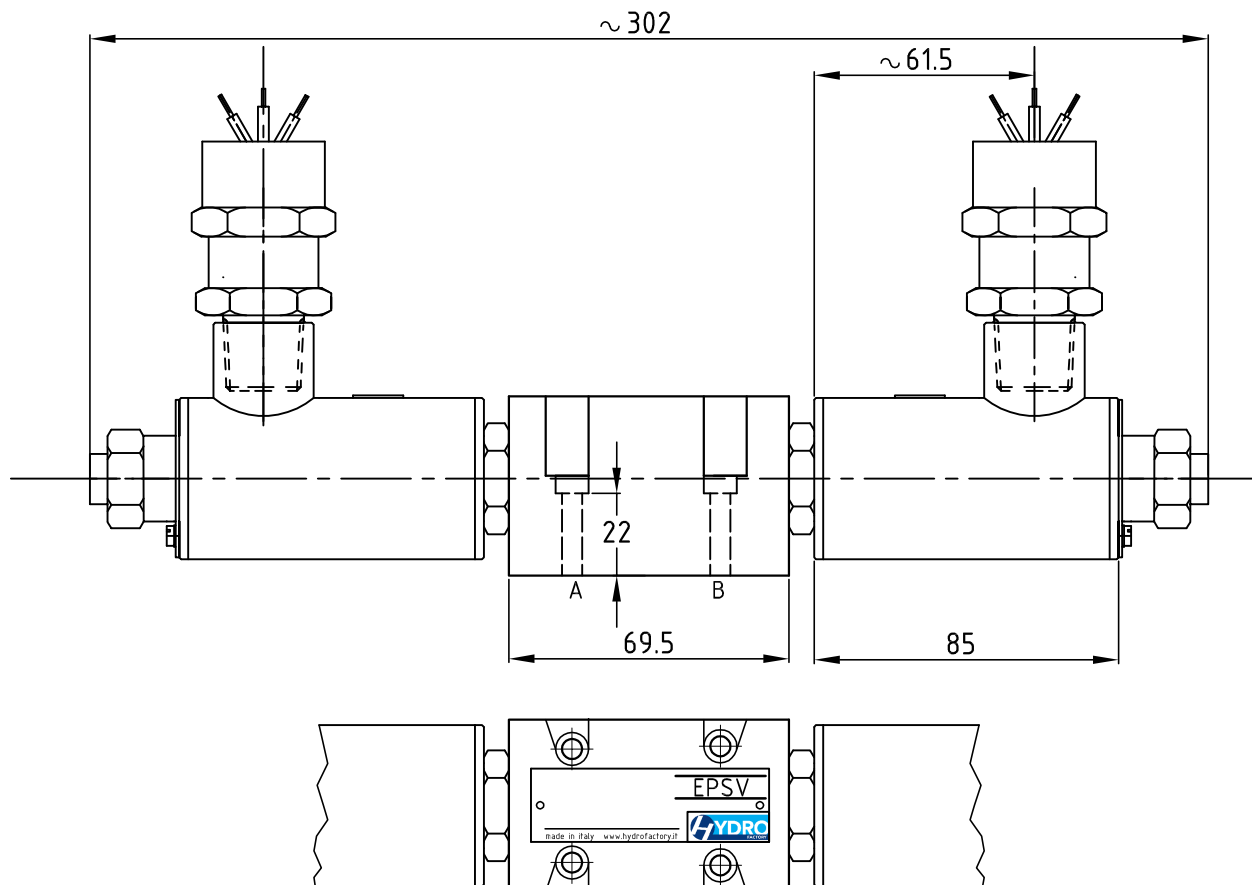


Sezione N

Section N

EPSV

Valvola con solenoide antideflagrante direttiva ATEX 94/9/CE
Explosion proof solenoid valve according to ATEX 94/9 CE



Pressione massima 350 bar
Max pressure 350 bar

Portata max. 50 lt/min
Max flow 50 lt/min

Lunghezza standard cavo mt. 1.5 CEI 20-22
Cable standard lenght mt. 1.5 CEI 20-22

Elettrovalvola cetop 03 a comando diretto.
Il solenoide è costruito secondo le direttive ATEX 94/9/CE gr. II-2G.
Grado di protezione IP67 dirett. IEC60529
Certificazioni IEC60079/IEC61241

Cetop 03 direct operated solenoid valves.
Solenoid certified according to ATEX 94/9/CE gr. II-2G.
Protection grade IP67 according to IEC60529.
Certification complying with IEC60079/IEC61241.

Esempio di ordinazione - ordering code

EPSV 3 * * * *

Valvola con solenoide antideflagrante
Explosion proof solenoid valve

Cetop 03
Cetop 03

M = monosolenoide
M = single solenoid

B = bisolenoide
B = double solenoid

Tensione solenoide
Solenoid tension

12DC=12 VDC 24DC=24 VDC 110DC=110 VDC
110AC=110 VAC-50/60Hz 220AC=220 VAC-50/60Hz

Tipo di cursore (vedi Tabella 02)
Spool type (see Table 02)

Configurazione (vedi Tabella 01)
Configuration (see Table 01)

EPSV

Valvola con solenoide antideflagrante direttiva ATEX 94/9/CE
Explosion proof solenoid valve according to ATEX 94/9/CE

Tabella 01 Configurazione
Table 01 Configuration

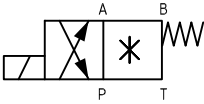
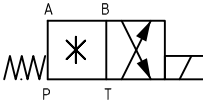
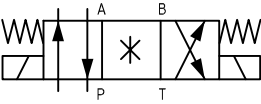
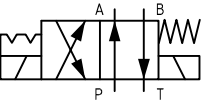
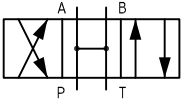
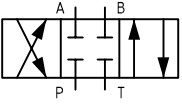
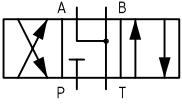
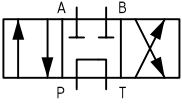
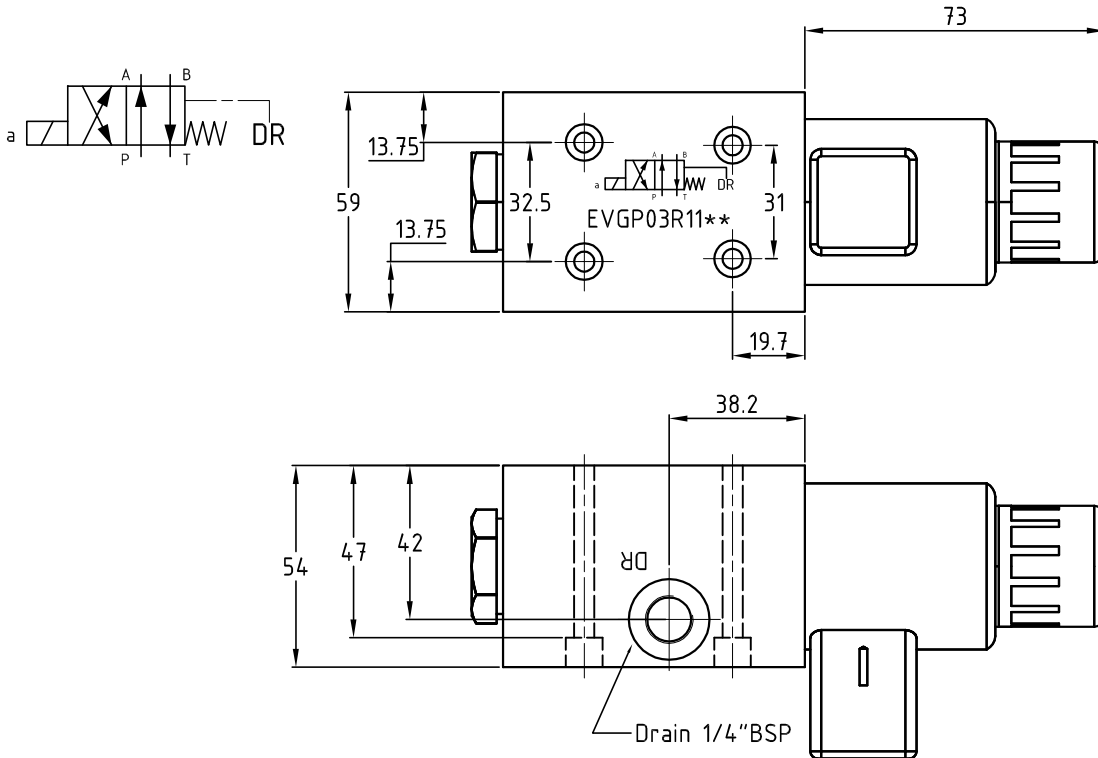
1	2	3	4
			

Tabella 02 Tipo cursore
Table 02 Spool type

1	2	3	4
			
5	6	7	

EVGP03R11

Elettrovalvola cetop 03 con Pmax in T 350 bar
Solenoid valve cetop 03 Pmax in T 350 bar



Pressione massima 350 bar in P A B T
Max pressure 350 bar in P A B T

Portata max. 50 lt/min
Max flow 50 lt/min

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura fluido idraulico: da -20° a +75° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - ordering code

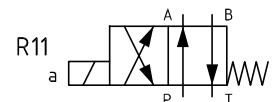
EVGP 03 R11 **

Elettrovalvola Cetop 03
Solenoid valve cetop 03

Cetop 03
Cetop 03

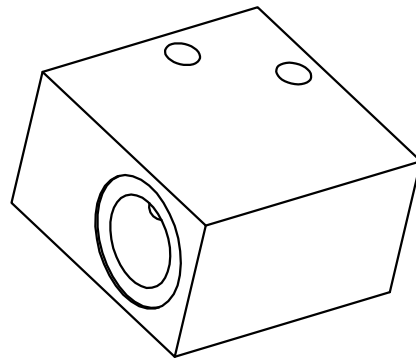
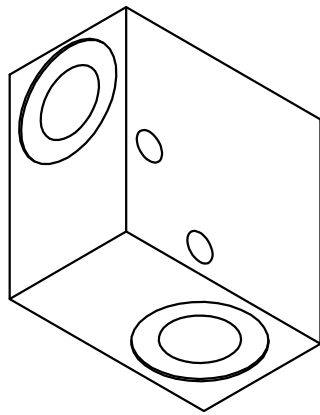
Tensione solenoide
Solenoid tension
12DC=12 VDC 14DC=14 VDC 24DC=24 VDC

Tipo di cursore
Spool type



Elettrovalvole di sicurezza

Safety valves

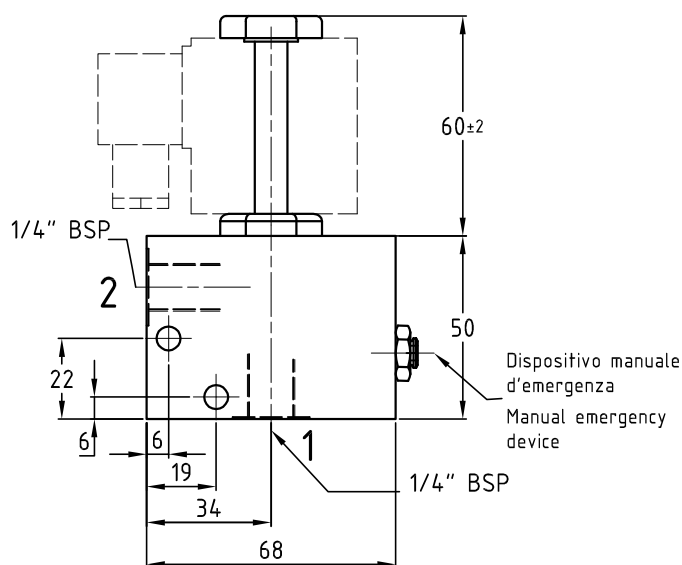


Sezione O

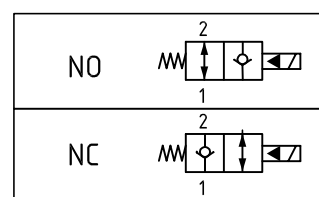
Section O

ESV*14/38

Valvola elettrica a 2 Vie
Two ways electrical valve



Hydraulic diagram



Codice Code	Attacchi Ports	Q max Lt/min	P max bar
ESV-14	1/4" BSP	40	250 alluminio/aluminium
ESV-38	3/8" BSP		350 acciaio/steel

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - ordering code

ESV * ** ** - **

Valvola elettrica 2 vie
Electrical valve 2/2

A = Corpo in alluminio
A = Aluminium body

S = Corpo in acciaio
S = Steel body

14 = Attacchi 1/4" BSP
14 = Ports 1/4" BSP

38 = Attacchi 3/8" BSP
38 = Ports 3/8" BSP

Tensione solenodie
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

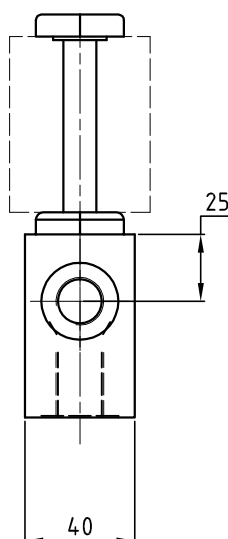
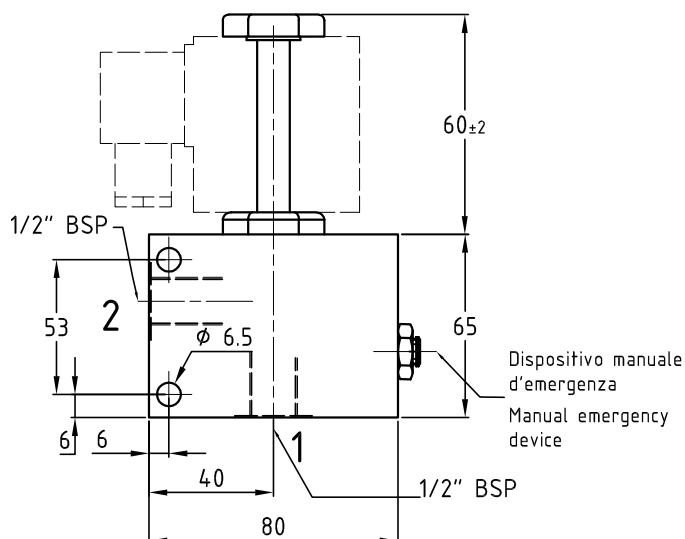
110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

NO = normalmente aperto
NO = normally open

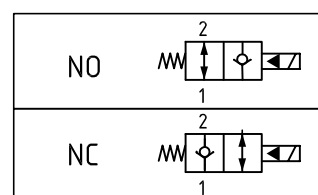
NC = normalmente chiuso
NC = normally closed

ESV*12/34

Valvola elettrica a 2 Vie
Two ways electrical valve



Hydraulic diagram



Codice Code	Attacchi Ports	Q max Lt/min	P max bar
ESV-12	1/2" BSP	70	250 alluminio/alluminium
ESV-34	3/4" BSP		350 acciaio/steel

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - ordering code

ESV * ** ** - **

Valvola elettrica 2 vie
Electrical valve 2/2

A = Corpo in alluminio
A = Aluminium body

S = Corpo in acciaio
S = Steel body

12 = Attacchi 1/2" BSP
12 = Ports 1/2" BSP

34 = Attacchi 3/4" BSP
34 = Ports 3/4" BSP

Tensione solenodie
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

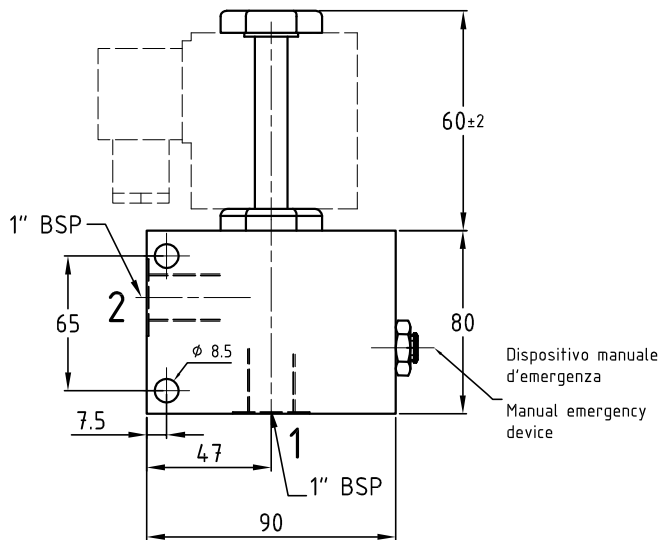
110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

NO = normalmente aperto
NO = normally open

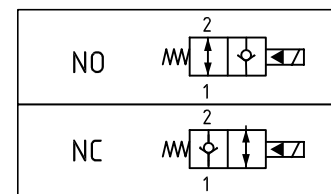
NC = normalmente chiuso
NC = normally closed

ESV*100

Valvola elettrica a 2 Vie
Two ways electrical valve



Hydraulic diagram



Codice Code	Attacchi Ports	Q max Lt/min	P max bar
ESV-100	1" BSP	150	250 alluminio/aluminium
			350 acciaio/steel

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura fluido idraulico: da -20° a +75° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - ordering code

ESV * 100 ** - **

Valvola elettrica 2 vie
Electrical valve 2/2

A = Corpo in alluminio
A = Aluminium body

S = Corpo in acciaio
S = Steel body

100 = Attacchi 1" BSP
100 = Ports 1" BSP

Tensione solenodie

Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

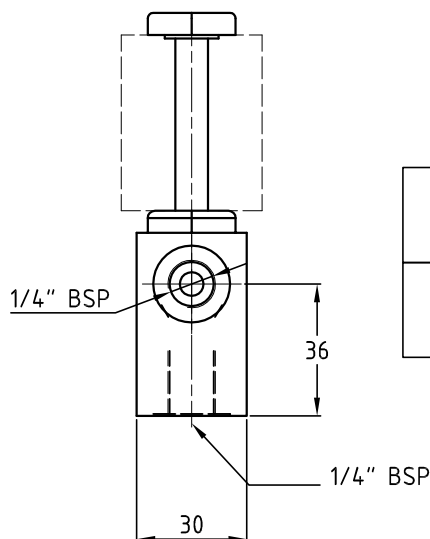
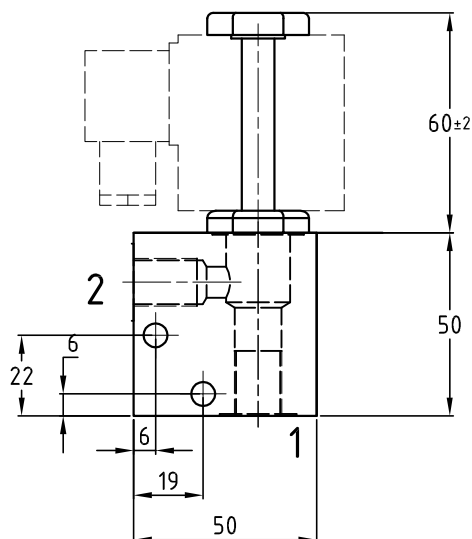
NO = normalmente aperto
NO = normally open

NC = normalmente chiuso
NC = normally closed

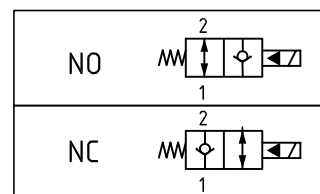
ESV*SE14/38

NEW

Valvola elettrica a 2 Vie
Two ways electrical valve



Hydraulic diagram



Codice Code	Attacchi Ports	Q max Lt/min	P max bar
ESVSE-14	1/4" BSP	40	250 alluminio/alluminium
ESVSE38	3/8" BSP		350 acciaio/steel

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -20° a +75° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -20° to +75° C

Esempio di ordinazione - ordering code

ESVSE * ** ** - **

Valvola elettrica 2 vie
Electrical valve 2/2

A = Corpo in alluminio
A = Aluminium body

S = Corpo in acciaio
S = Steel body

14 = Attacchi 1/4" BSP
14 = Ports 1/4" BSP

38 = Attacchi 3/8" BSP
38 = Ports 3/8" BSP

Tensione solenodie
Solenoid coil

12DC=12 VDC 24DC=24 VDC
24AC=24 VAC-50/60Hz

110AC=110 VAC-50/60Hz
220AC=220 VAC-50/60Hz

Vedere sez. P

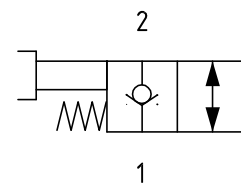
NO = normalmente aperto
NO = normally open

See section P

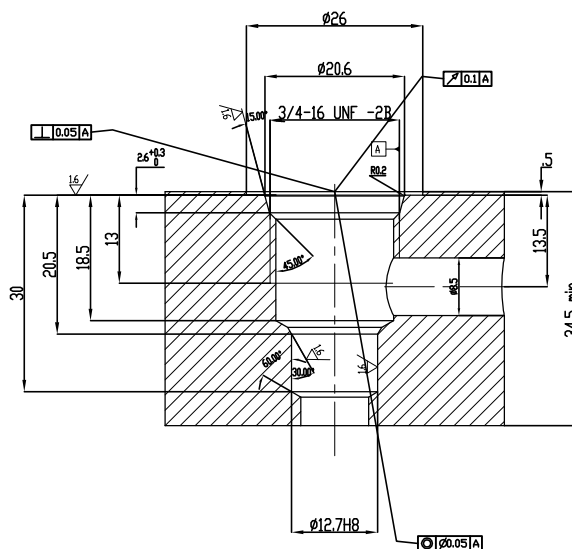
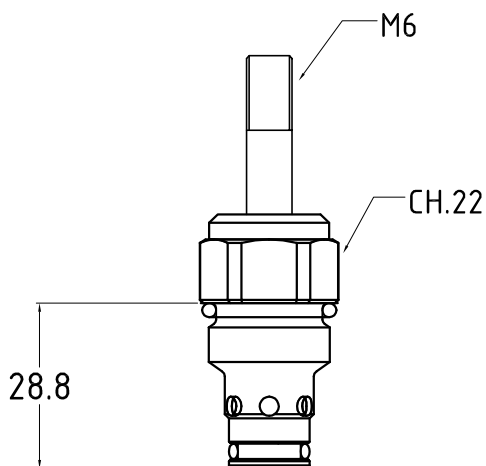
NC = normalmente chiuso
NC = normally closed

VMT 08/2

Hydraulic diagram



Valvola direzionale comando manuale a tirare
Directional valve pull to open



- Portata max 60 l/min
Max flow
- Pressione max 350 bar
Max pressure 5000 psi
- Coppia serraggio Nm 27/30
installation torque

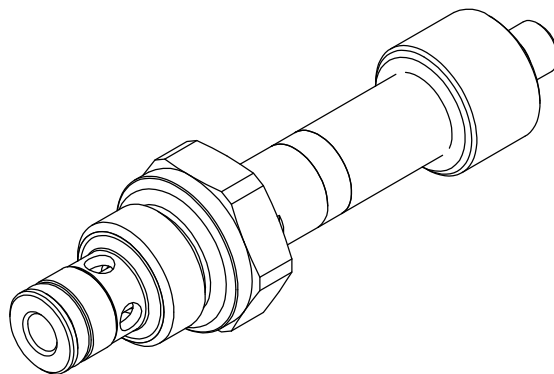
- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25μ
- Temperatura esercizio: da -20° a +90° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25μ
- Exercise Temperature: -20° to +75° C

Esempio di ordinazione - Ordering code

VMT 08 02

Cartucce elettriche Electrical Cartridges

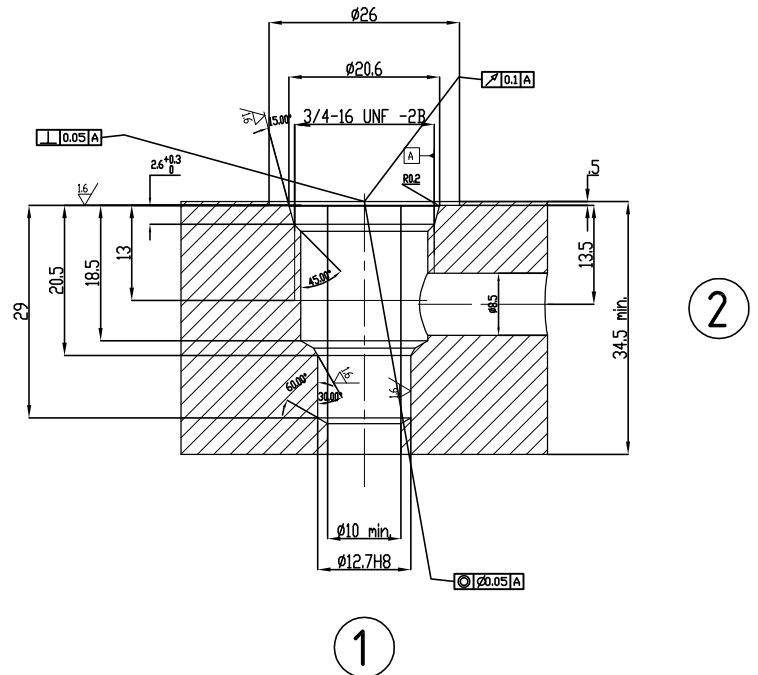
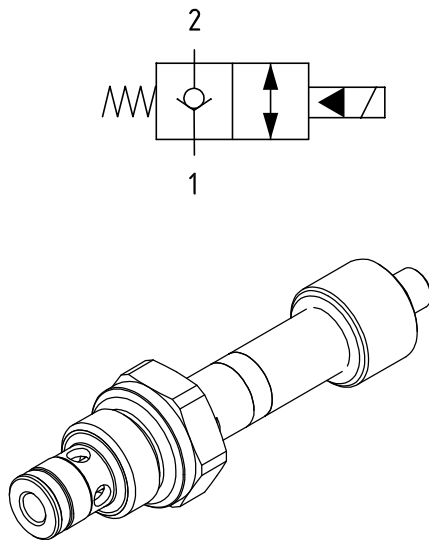


Sezione P
Section P

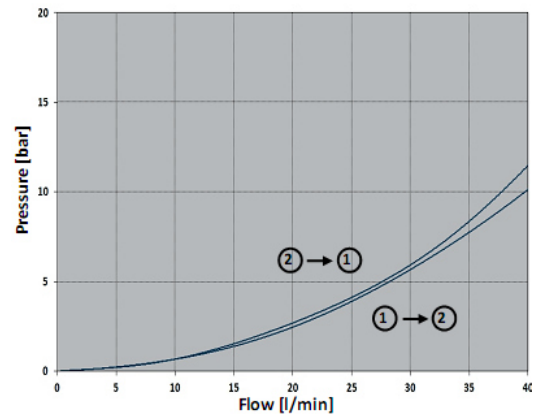
ESC40 NC

Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Hydraulic diagram



- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
 - Filtrazione richiesta del fluido impiegato 25µ
 - Temperatura fluido idraulico: da -30° a +110° C
-
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
 - The fluid filtration requested is 25µ
 - Temperature hydraulic fluid: -30° to +110° C



Esempio di ordinazione - Ordering code

ESC 40 NC MO

Comando manuale a richiesta (spinta)
Manual Override on req. (push & knob)

Valvola elettrica sae 08.02

Electrical cartridge sae 08.02

NC = Normalmente chiusa
NC = Normally close

ESC40 NC

Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Caratteristiche tecniche:

- Tutte le superfici esterne sono zincate e resistenti alla corrosione.
- Tutte le parti della valvola sono realizzate in acciaio ad alta resistenza.
- L'otturatore è temprato e rettificato per garantire minima usura e lunga durata.
- Le guarnizioni della bobina proteggono il sistema solenoide.
- Comando manuale opzione.
- Cavity SAE 08.02

Dati tecnici:

- Pressione massima di esercizio: 350 bar.
- Portata massima : 40l/min.
- Trafilamento interno: max 5 gocce/min a 350 bar.
- Temperatura: -30° C a 110° C.
- Fluidi: a base di minerali o sintetici con proprietà lubrificanti a viscosità di 7.4 a 420 cSt.
- Installazione: senza restrizioni di orientamento.
- Copia serraggio montaggio : 40-45 Nm
- Peso: 0.11 kg

Il grafico in pagina 1 illustra la capacità di gestione del flusso in entrambe le direzioni: da 1 a 2 e da 2 a 1, entrambi eccitati.

Le curve P/Q sono registrate alla temperatura dell'olio: 40°C e 46 cSt.

Technical Features:

- All external surfaces are zinc plated and corrosion-proof.
- All valve parts are made of high strenght steel.
- Poppet is hardened and ground to ensure minimal wear and extended service life.
- Coil seals protect the solenoid system.
- Manual override option.
- Cavity SAE 08.02

Technical Data:

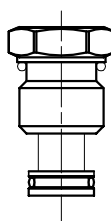
- Maximum operating pressure: 350 bar.
- Maximum flow: 40l/min.
- Internal leakage: max 5 drops/min at 350 bar.
- Temperature: -30° C to 110° C.
- Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt.
- Installation: no orientation restrictions.
- Installation torque: 40-45 Nm
- Weight: 0.11 kg

On page 1 the performance chart illustrates flow handling capacity in both directions: 1 to 2 and 2 to 1, both energized.

P/Q curves are recorded at oil: 40°C and 46 cSt.

Tappo per ESC40 Cod. TRV-34

Plug for ESC40 Cod. TRV-34



Close plug for ESC40

TRV34

Esempio di ordinazione - Ordering code

ESC 40 NC MO

Comando manuale a richiesta (spinta)
Manual Override on req. (push & knob)

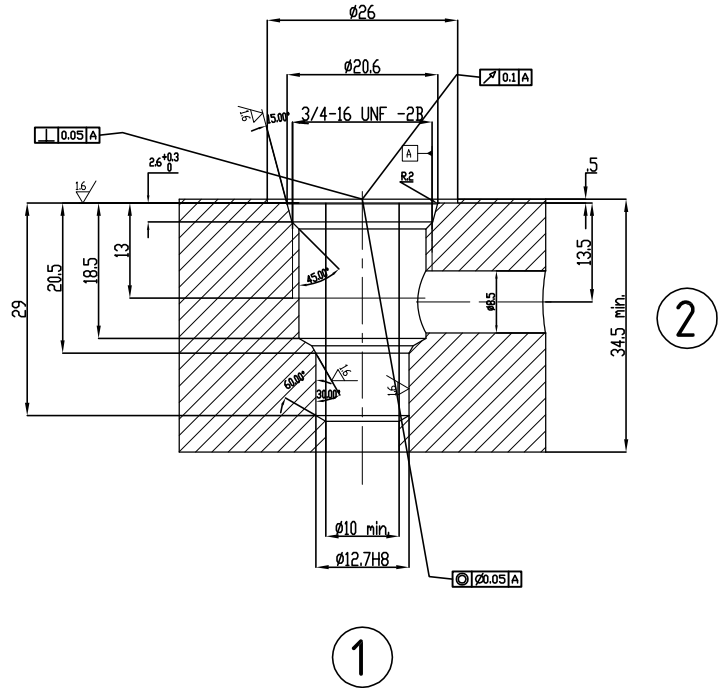
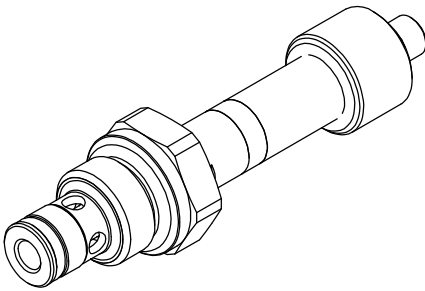
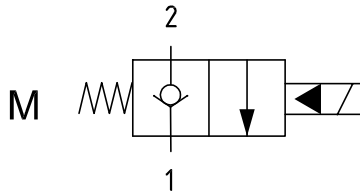
Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

NC = Normalmente chiusa
NC = Normally close

ESCM40 NC

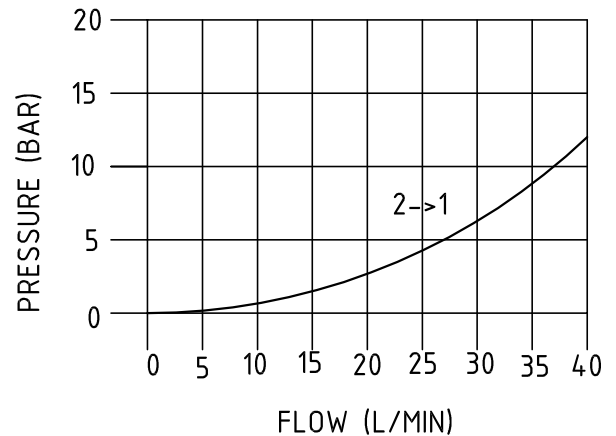
Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Hydraulic diagram



- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
- Filtrazione richiesta del fluido impiegato 25µ
- Temperatura fluido idraulico: da -30° a +110° C

- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
- The fluid filtration requested is 25µ
- Temperature hydraulic fluid: -30° to +110° C



Esempio di ordinazione - Ordering code

ESC M 40 NC MO

Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

M=Monodirezionale
M=Monodirectional

Comando Manuale a richiesta
Manual Override on request

NC = Normalmente chiusa
NC = Normally closed

ESCM40 NC

Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Caratteristiche tecniche:

- Tutte le superfici esterne sono zincate e resistenti alla corrosione.
- Tutte le parti della valvola sono realizzate in acciaio ad alta resistenza.
- L'otturatore è temprato e rettificato per garantire minima usura e lunga durata.
- Le guarnizioni della bobina proteggono il sistema solenoide.
- Comando manuale in opzione.
- Cavity SAE 08.02

Dati tecnici:

- Pressione massima di esercizio: 350 bar.
- Portata massima : 40l/min.
- Trafilamento interno: max 5 gocce/min a 350 bar.
- Temperatura: -30° C a 110° C.
- Fluidi: a base di minerali o sintetici con proprietà lubrificanti a viscosità di 7.4 a 420 cSt.
- Installazione: senza restrizioni di orientamento.
- Coppia serraggio montaggio : 40-45 Nm
- Peso: 0.11 kg

Il grafico illustra la capacità di gestione del flusso in entrambe le direzioni: da 1 a 2 diseccitato, da 2 a 1 eccitato. Le curve P/Q sono registrate alla temperatura dell'olio: 40°C e 46 cSt.

Technical Features:

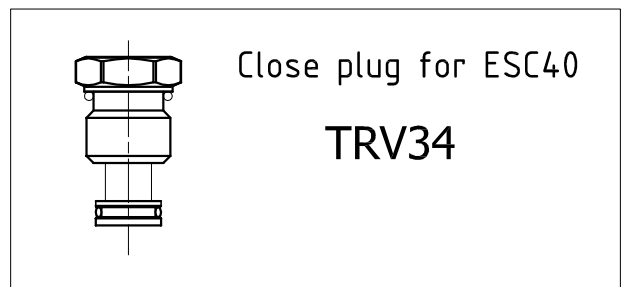
- All external surfaces are zinc plated and corrosion-proof.
- All valve parts are made of high strength steel.
- Poppet is hardened and ground to ensure minimal wear and extended service life.
- Coil seals protect the solenoid system.
- Manual override option.
- Cavity SAE 08.02

Technical Data:

- Maximum operating pressure: 350 bar.
- Maximum flow: 40l/min.
- Internal leakage: max 5 drops/min at 350 bar.
- Temperature: -30° C to 110° C.
- Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt.
- Installation: no orientation restrictions.
- Installation torque: 40-45 Nm
- Weight: 0.11 kg

The performance chart illustrates flow handling capacity in both directions: 1 to 2 de-energized, 2 to 1 energized. P/Q curves are recorded at oil: 40°C and 46 cSt.

Tappo per ESC40 Cod. TRV-34
Plug for ESC40 Cod. TRV-34



Esempio di ordinazione - Ordering code

ESC M 40 NC MO

Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

M=Monodirezionale
M=Monodirectional

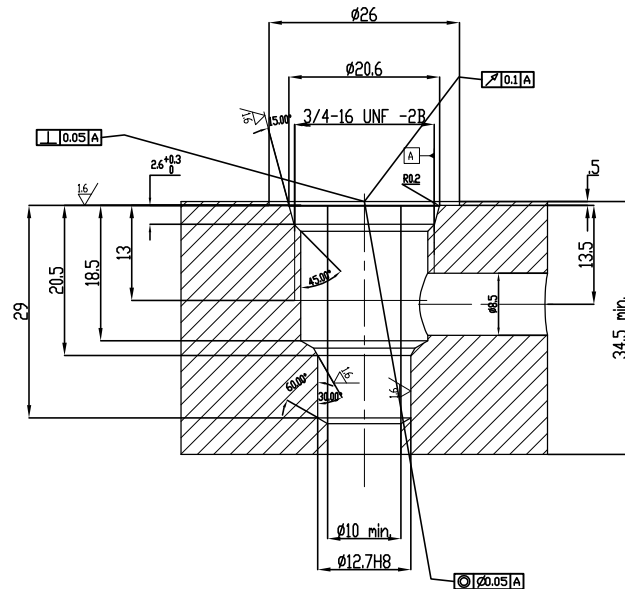
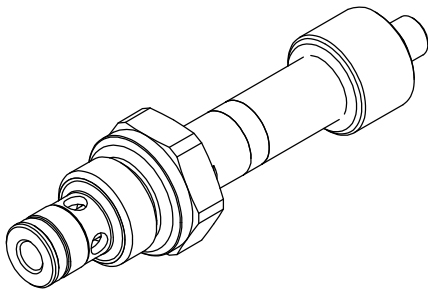
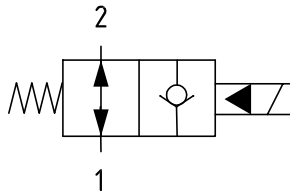
Comando Manuale a richiesta
Manual Override on request

NC = Normalmente chiusa
NC = Normally closed

ESC40 NO

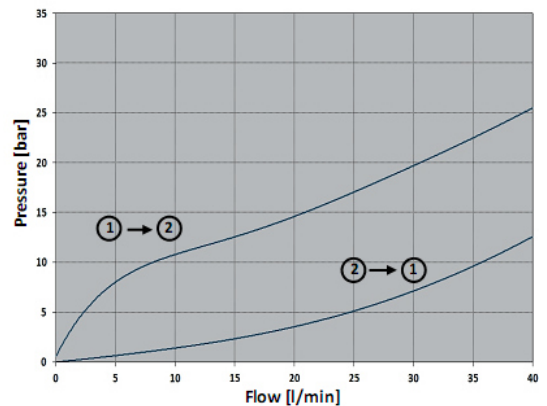
Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Hydraulic diagram



1

- Fluido da utilizzare: olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm²/s (cSt) a 40° C
 - Filtrazione richiesta del fluido impiegato 25µ
 - Temperatura fluido idraulico: da -30° a +110° C
-
- Fluid to be used: hydraulic oil to DIN 51524 standards with a viscosity between 30 and 100 mm²/s (cSt) to 40° C
 - The fluid filtration requested is 25µ
 - Temperature hydraulic fluid: -30° to +110° C



Esempio di ordinazione - Ordering code

ESC 40 NO MO

Comando manuale a richiesta (spinta)
Manual Override on req. (push & knob)

Valvola elettrica sae 08.02

Electrical cartridge sae 08.02

NO = Normalmente aberta
NO = Normally open

ESC40 NO

Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Caratteristiche tecniche:

- Tutte le superfici esterne sono zincate e resistenti alla corrosione.
- Tutte le parti della valvola sono realizzate in acciaio ad alta resistenza.
- L'otturatore è temprato e rettificato per garantire minima usura e lunga durata.
- Le guarnizioni della bobina proteggono il sistema solenoide.
- Comando manuale opzione.
- Cavity SAE 08.02

Dati tecnici:

- Pressione massima di esercizio: 300 bar.
- Portata massima : 40l/min.
- Trafilamento interno: max 5 gocce/min a 300 bar.
- Tempo di risposta: eccitata 20 msec, diseccitata 30 msec (tipico bobine 24V DC).
- Temperatura: -30° C a 110° C.
- Fluidi: a base di minerali o sintetici con proprietà lubrificanti a viscosità di 7.4 a 420 cSt.
- Installazione: senza restrizioni di orientamento.
- Copia serraggio montaggio : 40-45 Nm
- Peso: 0.12 kg

Il grafico a pagina 1 illustra la capacità di gestione del flusso in entrambe le direzioni: da 1 a 2 eccitati, da 2 a 1 diseccitati.

Le curve P/Q sono registrate alla temperatura dell'olio: 40°C e 46 cSt.

Technical Features:

- All external surfaces are zinc plated and corrosion-proof.
- All valve parts are made of high strenght steel.
- Poppet is hardened and ground to ensure minimal wear and extended service life.
- Coil seals protect the solenoid system.
- Manual override option.
- Cavity SAE 08.02

Technical Data:

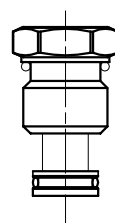
- Maximum operating pressure: 300 bar.
- Maximum flow: 40l/min.
- Internal leakage: max 5 drops/min at 300 bar.
- Response time: Energized 20 msec, de-energized 30 msec (typical 24V DC coil).
- Temperature: -30° C to 110° C.
- Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt.
- Orientation: no orientation restrictions.
- Installation torque: 40-45 Nm
- Weight: 0.12 kg

On page 1 the performance chart illustrates flow handling capacity in both directions: 1 to 2 energized and 2 to 1 de-energized.

P/Q curves are recorded at oil: 40°C and 46 cSt.

Tappo per ESC40 Cod. TRV-34

Plug for ESC40 Cod. TRV-34



Close plug for ESC40

TRV34

Esempio di ordinazione - Ordering code

ESC 40 NO MO

Comando manuale a richiesta (spinta)
Manual Override on req. (push & knob)

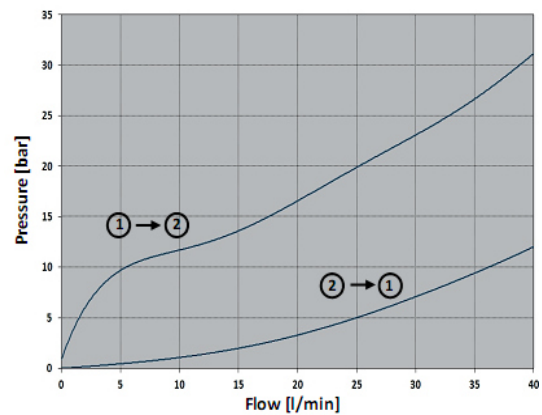
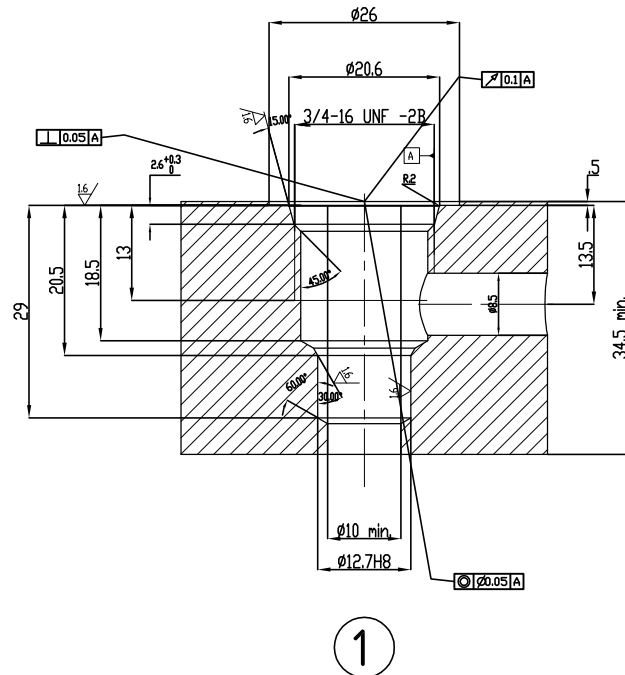
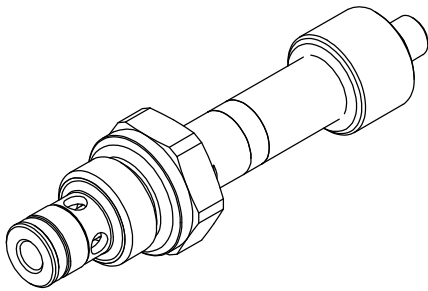
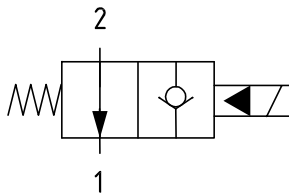
Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

NO = Normalmente aperta
NO = Normally open

ESCM40 NO

Cartuccia elettrica 2/2 SAE 08.02
Electrical cartridge 2/2 SAE 08.02

Hydraulic diagram



Esempio di ordinazione - Ordering code

ESC M 40 NO MO

Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

M=Monodirezionale
M=Monodirectional

Comando Manuale a richiesta
Manual Override on request

NO = Normalmente aperta
NO = Normally open

ESCM40 NO

Cartuccia elettrica 2/2 SAE 08.02

Electrical cartridge 2/2 SAE 08.02

Caratteristiche tecniche:

- Tutte le superfici esterne sono zincate e resistenti alla corrosione.
- Tutte le parti della valvola sono realizzate in acciaio ad alta resistenza.
- L'otturatore è temprato e rettificato per garantire minima usura e lunga durata.
- Le guarnizioni della bobina proteggono il sistema solenoide.
- Comando manuale in opzione.
- Cavity SAE 08.02

Dati tecnici:

- Pressione massima di esercizio: 300 bar.
- Portata massima : 40l/min.
- Trafilamento interno: max 5 gocce/min a 300 bar.
- Tempo di risposta: eccitata 20 msec, diseccitata 30 msec (tipico bobine 24V DC).
- Temperatura: -30° C a 110° C.
- Fluidi: a base di minerali o sintetici con proprietà lubrificanti a viscosità di 7.4 a 420 cSt.
- Installazione: senza restrizioni di orientamento.
- Copia serraggio montaggio : 40-45 Nm
- Peso: 0.12 kg

Il grafico illustra la capacità di gestione del flusso in entrambe le direzioni: da 1 a 2 eccitato, da 2 a 1 diseccitato. Le curve P/Q sono registrate alla temperatura dell'olio: 40°C e 46 cSt.

Technical Features:

- All external surfaces are zinc plated and corrosion-proof.
- All valve parts are made of high strenght steel.
- Poppet is hardened and ground to ensure minimal wear and extended service life.
- Coil seals protect the solenoid system.
- Manual override option.
- Cavity SAE 08.02

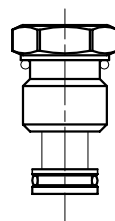
Technical Data:

- Maximum operating pressure: 300 bar.
- Maximum flow: 40l/min.
- Internal leakage: max 5 drops/min at 300 bar.
- Response time: Energized 20msec, de-energized 30 msec (typical 24V DC coil).
- Temperature: -30° C to 110° C.
- Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 7.4 to 420 cSt.
- Orientation: no restrictions.
- Installation torque: 40-45 Nm
- Weight: 0.12 kg

The performance chart illustrates flow handling capacity in both directions: 1 to 2 energized, 2 to 1 de-energized. P/Q curves are recorded at oil: 40°C and 46 cSt.

Tappo per ESC40 Cod. TRV-34

Plug for ESC40 Cod. TRV-34



Close plug for ESC40

TRV34

Esempio di ordinazione - Ordering code

ESC M 40 NO MO

Valvola elettrica sae 08.02
Electrical cartridge sae 08.02

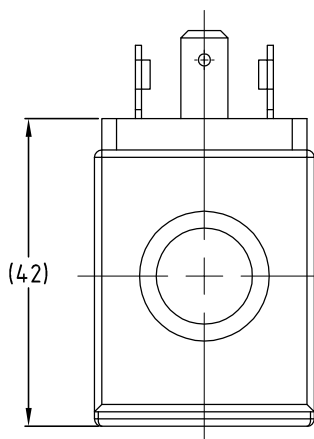
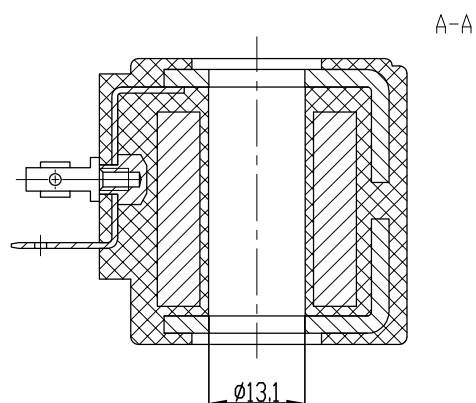
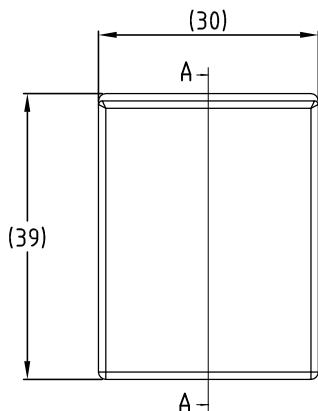
M=Monodirezionale
M=Monodirectional

Comando Manuale a richiesta
Manual Override on request

NO = Normalmente aperta
NO = Normally open

BESC40

Bobina per valvola ESC 40
Coil for electrical cartridge ESC 40



- Connessione tipo DIN, Altre connessioni a richiesta
- Potenza/Power : 18W
- Tolleranza/Tolerance : +10%, -15%(DC) +10%, -5% (AC)
- Temperatura ambiente/Ambient Temperature range: -30°C, +60°C
- Peso/Weight: 0.17Kg

Esempio di ordinazione - Ordering code

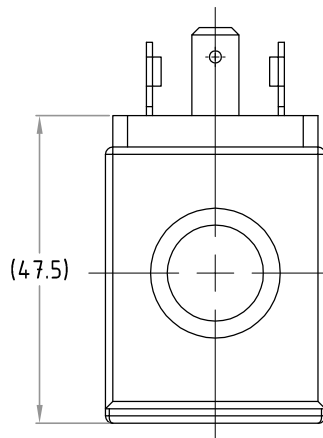
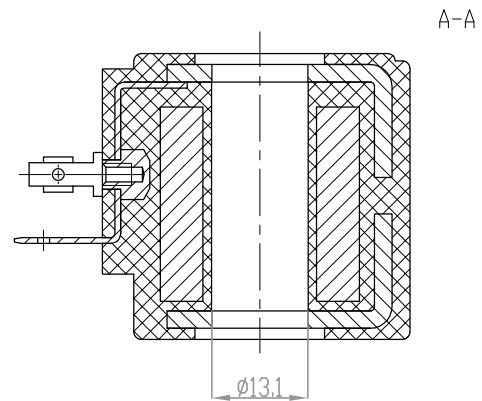
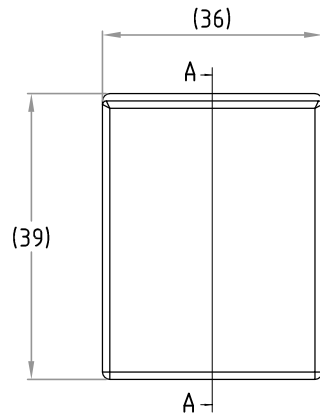
BESC 40 **

Bobina per ESC 40
Coil for cartridge ESC 40

12=12 VDC 24=24 VDC
110=110 VAC 220=220 VAC

BESC22

Bobina per valvola ESC 22 W
Coil for electrical cartridge ESC 22W



- Connessione tipo DIN, Altre connessioni a richiesta
- Potenza/Power : 22W
- Temperatura ambiente/Ambient Temperature range: -30°C, +60°C
- Peso/Weight: 0.20Kg

Esempio di ordinazione - Ordering code

BESC 22 **

Bobina per ESC 22W
Coil for cartridge ESC 22W

12=12 VDC 24=24 VDC



INFORMAZIONI TECNICHE

I prodotti rappresentati nel seguente catalogo sono costruiti in ghisa, acciaio e alluminio.

Le pressioni di esercizio sono le seguenti:

GHISA / ACCIAIO:

Grandezza	Press. di lavoro	Press. di punta
NG6 - Cetop 03	310 bar	350 bar
NG10 - Cetop 05	270 bar	310 bar
NG16 - Cetop 07	220 bar	260 bar
NG25 - Cetop 08	180 bar	220 bar

ALLUMINIO:

Grandezza	Press. di lavoro	Press. di punta
NG6 - Cetop 03	310 bar	350 bar
NG10 - Cetop 05	270 bar	310 bar

Le piastre sono costruite per l'utilizzo di raccorderia cilindrica e assolutamente non conica.

La garanzia è valida 12 mesi dalla di spedizione della merce.

The products represented in the following catalog are made of cast iron, steel and aluminum.

The operating pressures are as follows:

CAST IRON / STEEL:

Grandezza	Press. di lavoro	Press. di punta
NG6 - Cetop 03	310 bar	350 bar
NG10 - Cetop 05	270 bar	310 bar
NG16 - Cetop 07	220 bar	260 bar
NG25 - Cetop 08	180 bar	220 bar

ALUMINIUM:

Grandezza	Press. di lavoro	Press. di punta
NG6 - Cetop 03	310 bar	350 bar
NG10 - Cetop 05	270 bar	310 bar

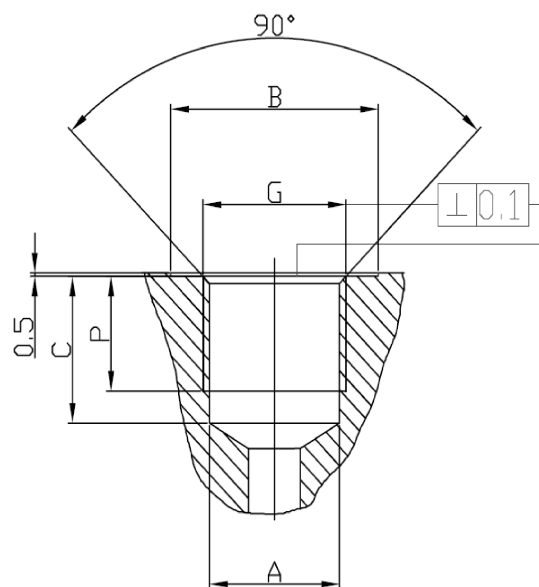
The plates are built for the use of cylindrical fittings and absolutely non-conical fittings.

The warranty is valid for 12 months from the shipment of the goods.

NOTE TECNICHE
NOTE TECHNIQUES
TECHNICAL NOTES
TECHNISCHE ANMERKUNGEN

UNI-ISO 228

Filettatura Filetage Threads Gewinde G	Ø A - 0 + 0,2	Ø C +0,5 -1,0	Ø P +2,0 - 0,5	Ø B +1,0 + 0	P
G 1/8" (9.7)	8,5	14	10	17	28
G 1/4" (13.1)	11,5	16	12	22	19
G 3/8" (16.6)	15	17	12,5	25	19
G 1/2" (20.9)	18,8	20	15	29	14
G 3/4" (26.4)	24,3	22	17	36	14
G 1" (33.2)	30,3	28	21	46	11
G 1 1/4" (41.9)	39,2	30	23	55	11
G 1 1/2" (47.8)	45	32	25	64	11
G 2" (59.6)	57	36	28	75	11





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