



LUEN VALVES

è l'azienda del gruppo
per le valvole idrauliche
e i componenti integrati.

LUEN VALVES

is the group's company
for hydraulic valves
and integrated components.

OMT HYDRAULIC COMPONENTS

è l'azienda del gruppo
per i componenti idraulici.

OMT HYDRAULIC COMPONENTS

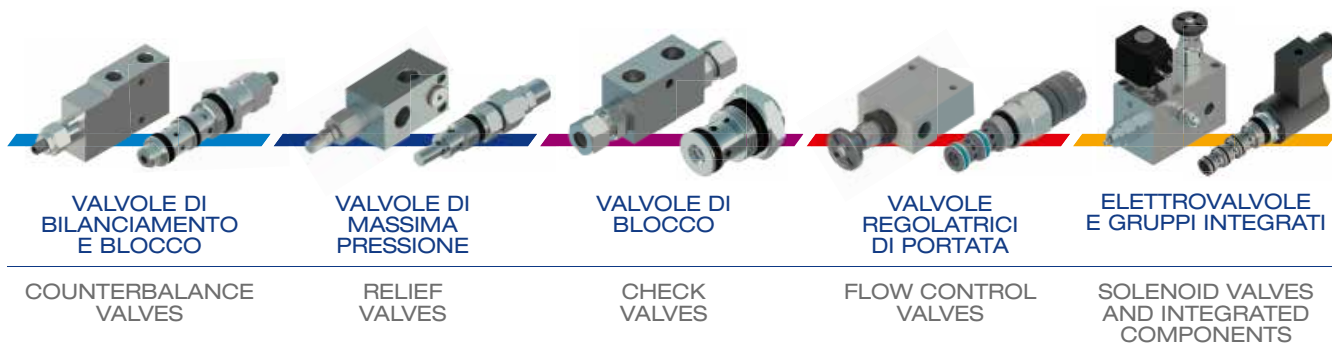
is the group's company
for hydraulic components.

**INSIEME NEL SETTORE
DELL'OLEODINAMICA.**

**TOGETHER IN THE
HYDRAULIC INDUSTRY.**

5

MACROGRUPPI DI PRODOTTI MAIN RANGES OF PRODUCTS



VALVOLE DI
BILANCIAMENTO
E BLOCCO

COUNTERBALANCE
VALVES

VALVOLE DI
MASSIMA
PRESSIONE

RELIEF
VALVES

VALVOLE DI
BLOCCO

CHECK
VALVES

VALVOLE
REGOLATRICI
DI PORTATA

FLOW CONTROL
VALVES

ELETTROVALVOLE
E GRUPPI INTEGRATI

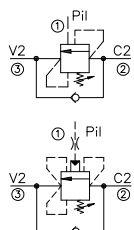
SOLENOID VALVES
AND INTEGRATED
COMPONENTS



VALVOLE DI
BILANCIAMENTO E BLOCCO

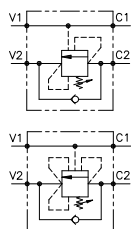
COUNTERBALANCE
VALVES





VALVOLE A CARTUCCIA CARTRIDGE VALVES

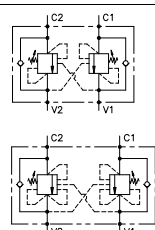
p. 14-23



VALVOLE A SEMPLICE EFFETTO IN LINEA

SINGLE ACTING VALVES
WITH IN-LINE BODY

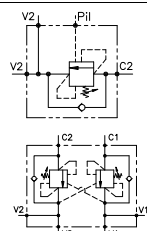
p. 24-41



VALVOLE A DOPPIO EFFETTO IN LINEA

DOUBLE ACTING VALVES
WITH IN-LINE BODY

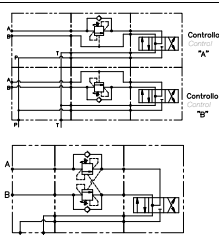
p. 42-59



VALVOLE CON COLLETTORE FLANGIABILE

VALVES WITH
FLANGIABLE BODY

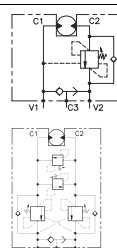
p. 60-77



VALVOLE CON COLLETTORE CETOP

VALVES WITH CETOP
INSTALLATION

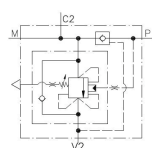
p. 78-85



VALVOLE CON FLANGIATURA MOTORE

MOTOR FLANGEABLE
VALVES

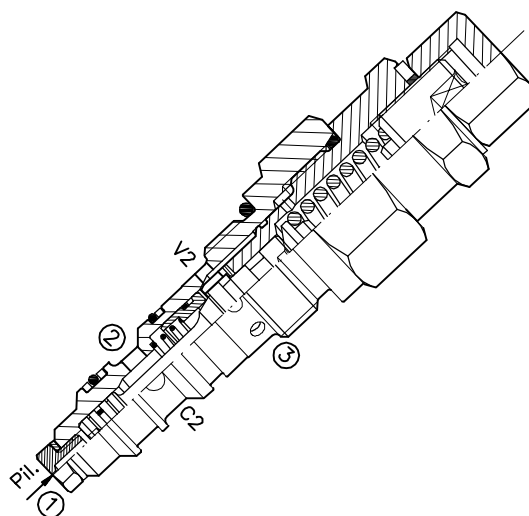
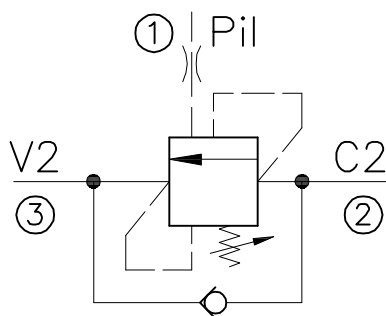
p. 86-101



VALVOLE CON FUNZIONE RIGENERATIVA

VALVES WITH
REGENERATIVE FUNCTION

p. 102-107



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 4
1/25 l/min - 0.15/6.6 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
4 : 1
-30°C + 50°C
-30°C + 80°C
30 micron
76÷82 Nm
0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

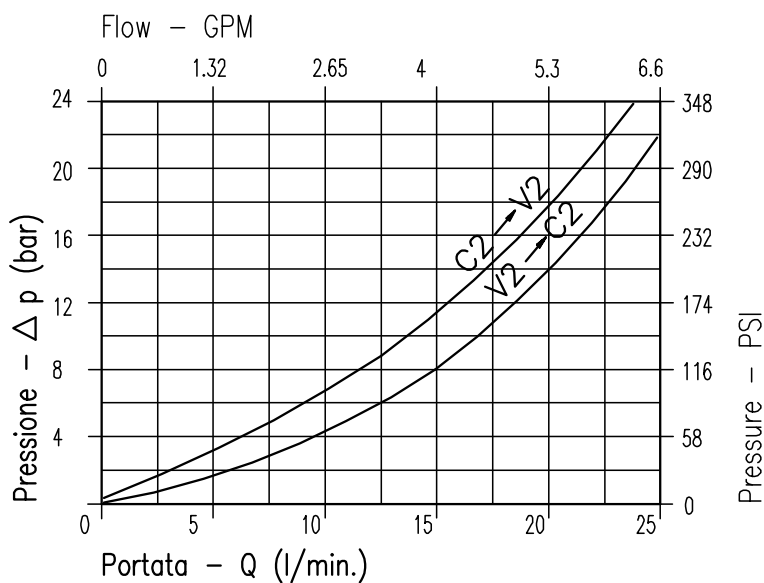
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

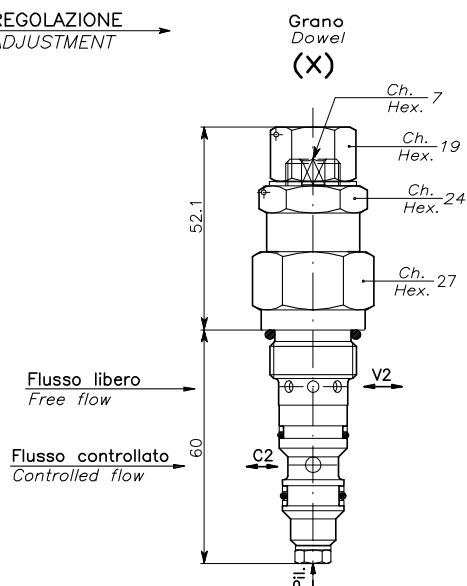
350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA CARTRIDGE COUNTERBALANCE VALVES WITHOUT BODY

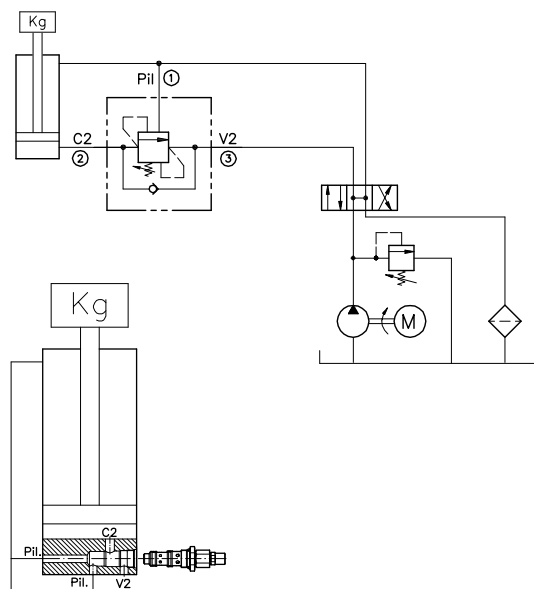
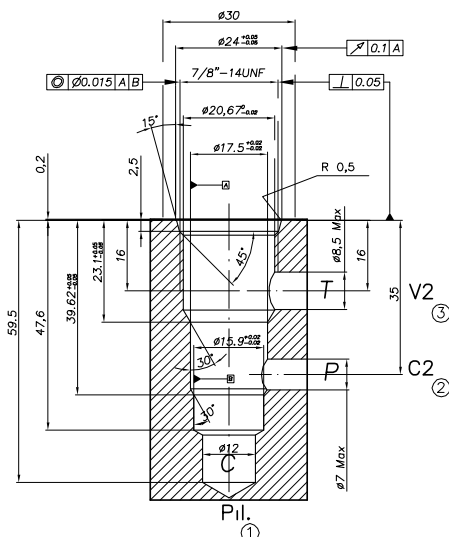
REGOLAZIONE
ADJUSTMENT



CAVITÀ
CAVITY

CE.120.N

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

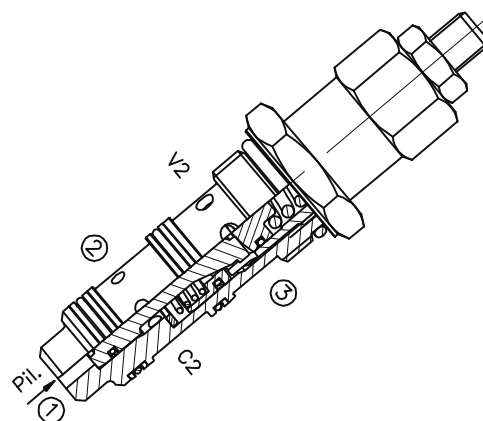
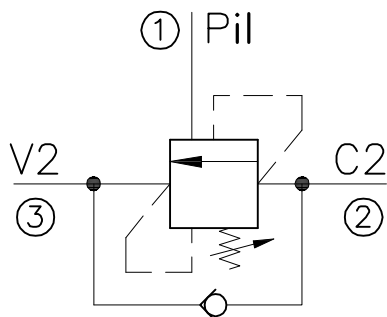


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

001.620 . 0 X 0

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
620		635		O	4 : 1	X	Grano - Dowel
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		F	7 : 1		
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite				
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
180 bar	(45)	250 bar	(75)				



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 10

1/60 l/min - 0.26/15.9 GPM

450 bar - 6525 PSI

350 bar - 5075 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

116÷128 Nm

0.300 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

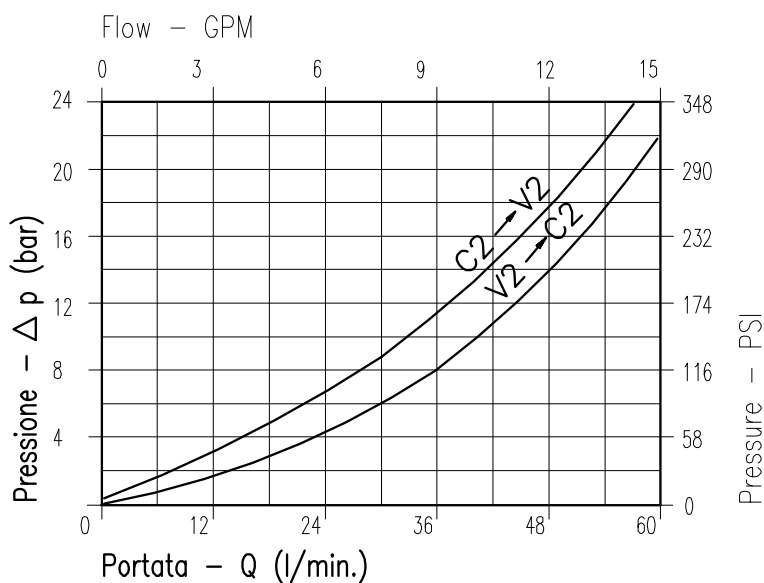
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

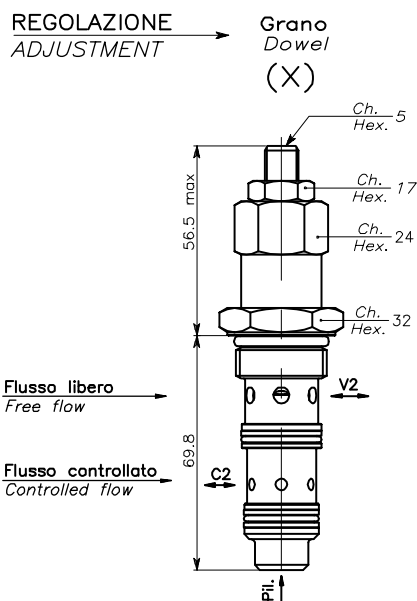
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

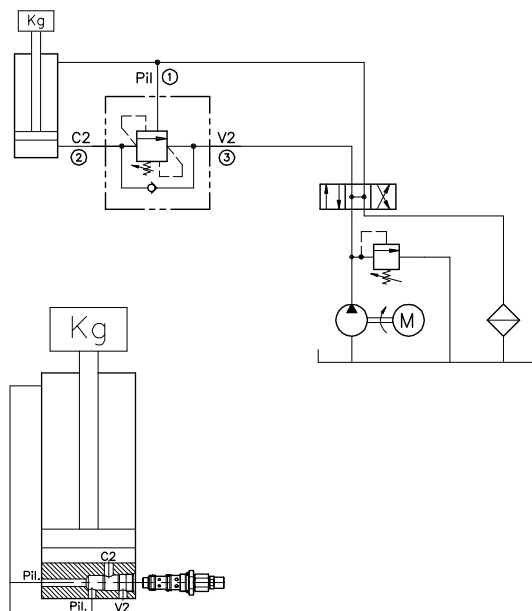
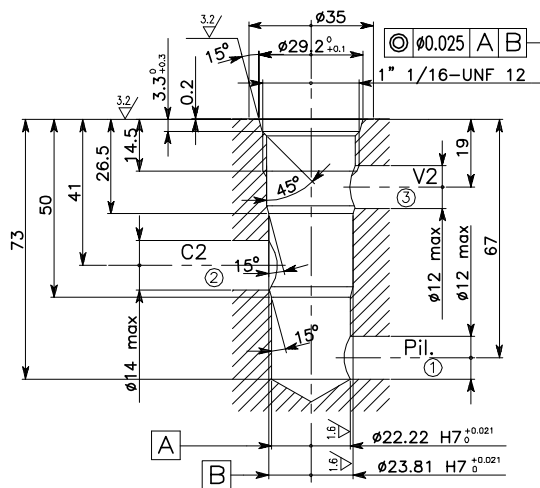
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A CARTUCCIA CARTRIDGE COUNTERBALANCE VALVES WITHOUT BODY



CAVITÀ
CAVITY

CE.025.N

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

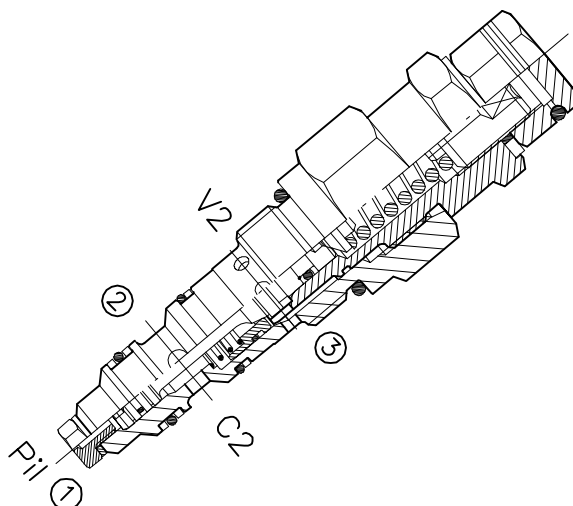
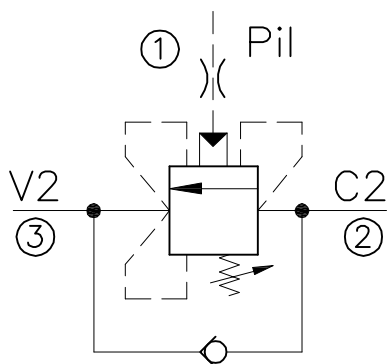


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

N01.046 . 0 X 0

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
046		001					
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		O 4.25 : 1 D 8 : 1		X Grano - Dowel	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite				
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
180 bar	(50)	250 bar	(90)				



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 4
1/25 l/min - 0.26/6.6 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
4 : 1
-30°C + 50°C
-30°C + 80°C
30 micron
76÷82 Nm
0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

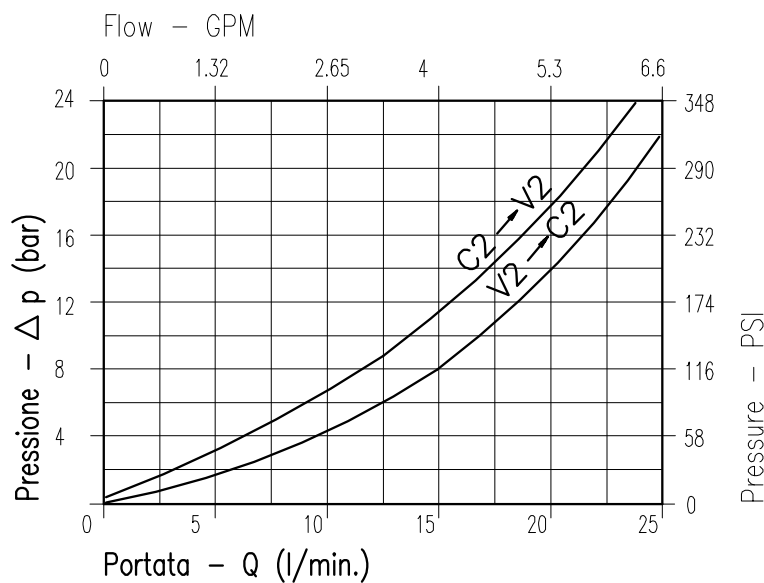
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



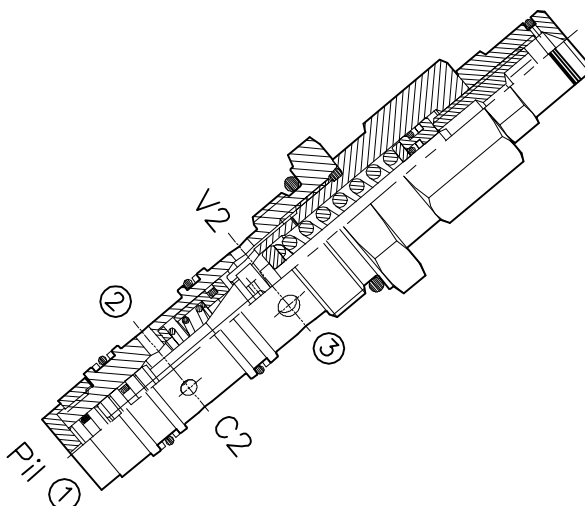
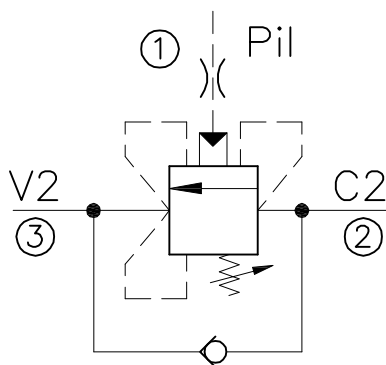
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

CE.120.N

CODICE DI ORDINAZIONE HOW TO ORDER

$$001.621 \quad . \quad 0 \quad X \quad 0$$

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
621		636		O	4 : 1	X	Grano - Dowel
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)		F	7 : 1	H	Piombata - Sealed
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)					
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite				
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
180 bar	(45)	250 bar	(75)				



CARATTERISTICHE

Luce nominale	DN 10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	76÷82 Nm
Peso	0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

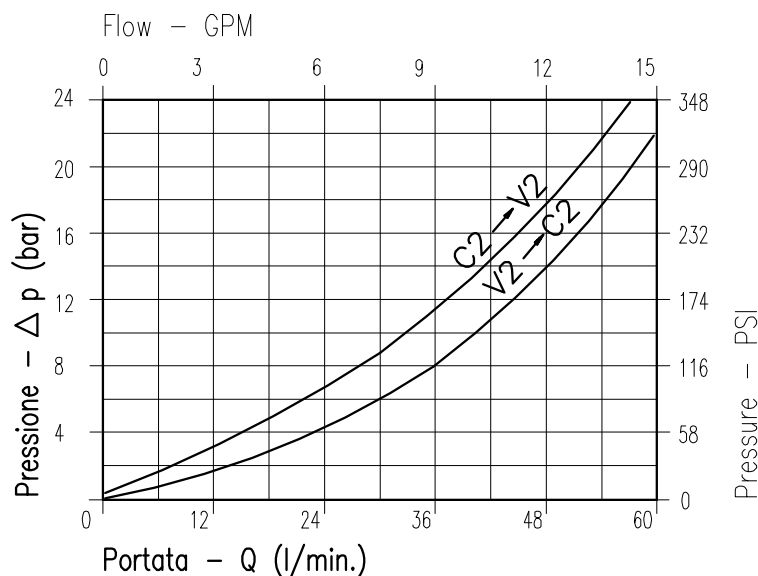
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

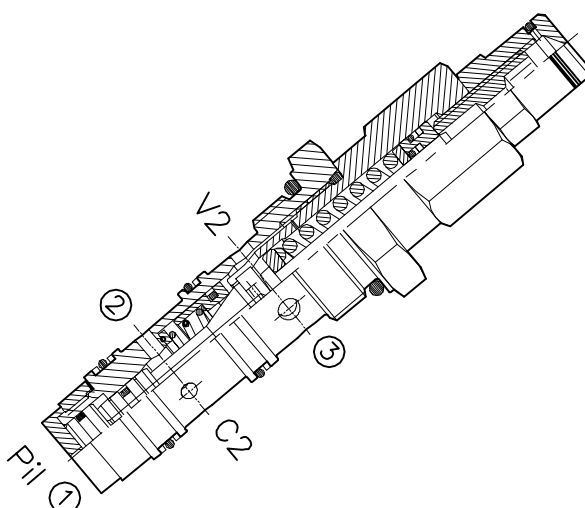
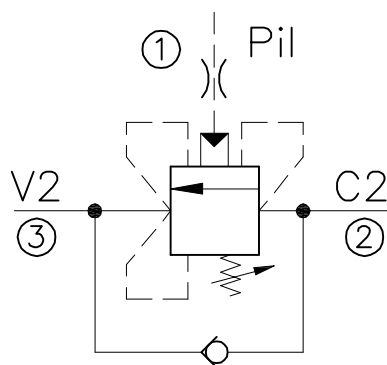
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

WBC-40-CC-RPV 9-...



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 10
1/60 l/min - 0.26/15.9 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
9 : 1
-30°C + 50°C
-30°C + 80°C
30 micron
116÷128 Nm
0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

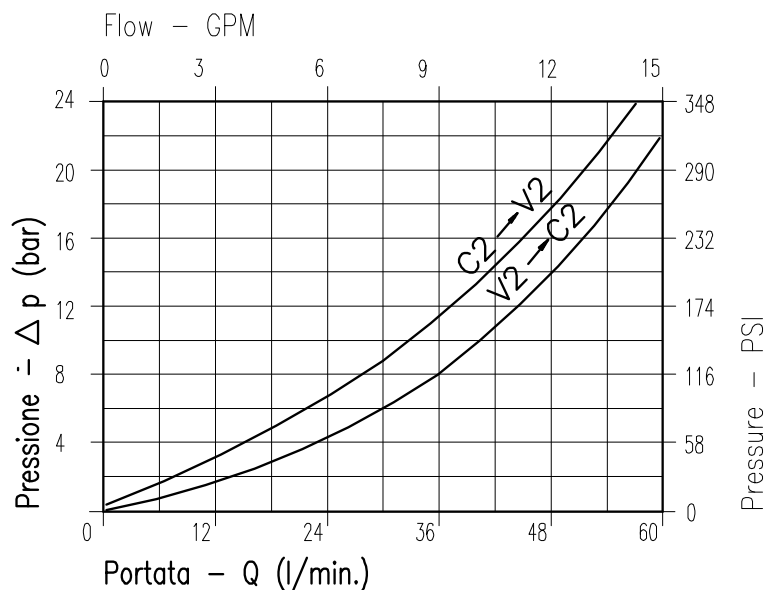
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

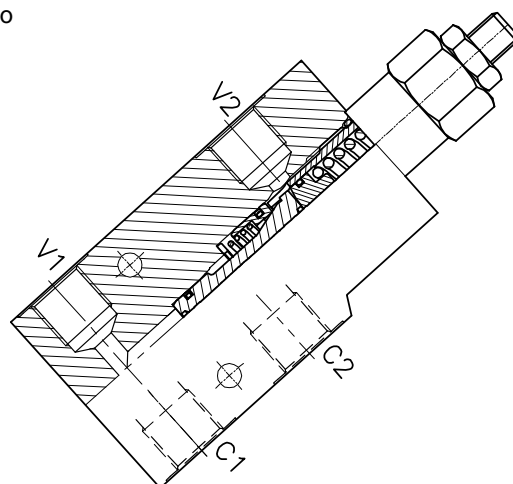
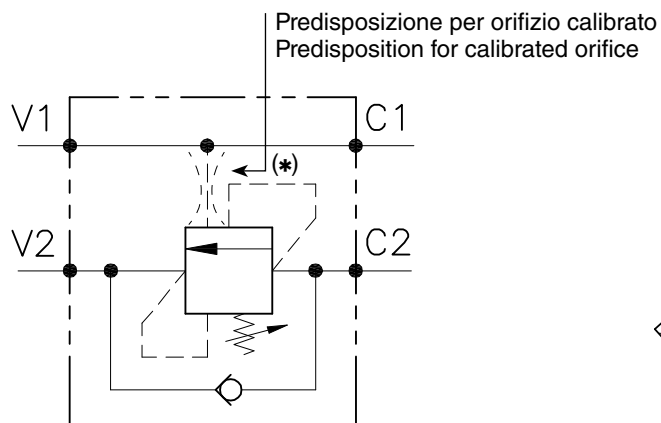
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

A-OWC-SE-...-L-FR



(*) Vedi codice ordinazione
See ordering code

CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

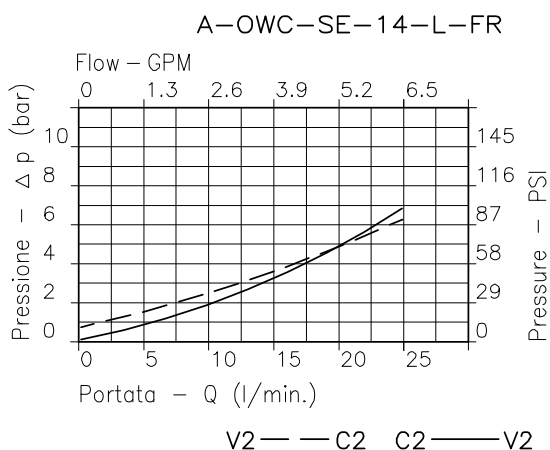
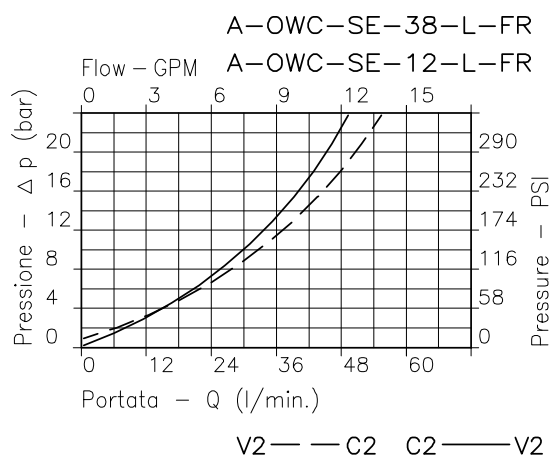
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max

350 bar / 1.3 = 270 bar

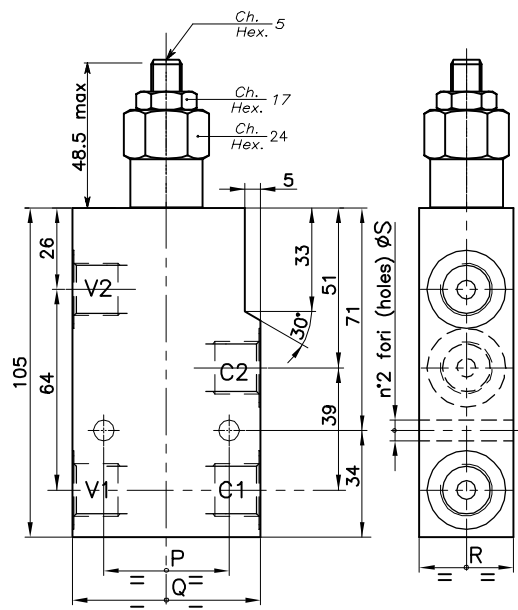
Max working pressure



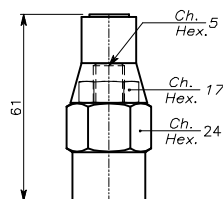
Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE IN LINEA SINGLE COUNTERBALANCE VALVE WITH IN LINE BODY

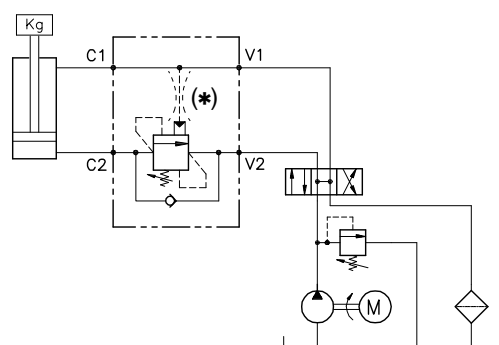
REGOLAZIONE
ADJUSTMENT



Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

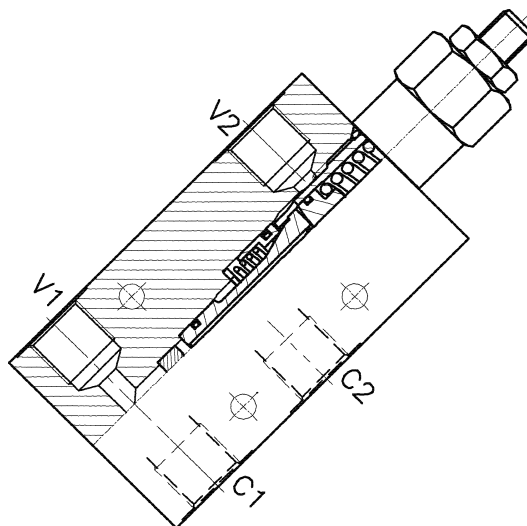
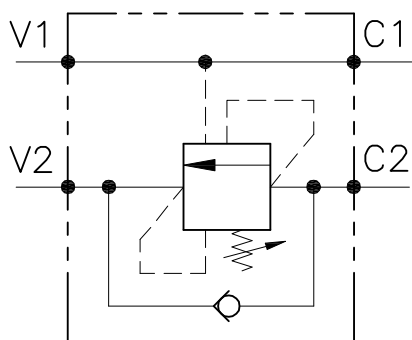
Campo taratura Setting range		P	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
							DN	l/min - GPM
085	084	40	60	30	6.5	1/4"	6	20-5
087	086	40	60	30	6.5	3/8"	8	40-10
093	088	50	70	35	8.5	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 085 . 0 X 0 . A 0A (*)

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment		Collettore Body	
085		084		O	4.25 : 1	X	Grano - Dowel	A	Acciaio zincato Zinc plated steel
087		086		D	8 : 1	K	Piombata Sealed		
093		088							
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)							
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)							
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite						
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw						
180 bar	(50)	250 bar	(90)						
Smorzamento pilotaggio / Pilot damping									
sigla / title		Ø orifizio / orifice							
0A		0,6 mm							
0B		0,8 mm							
0C		0,5 mm							
0D		0,7 mm							
omettere / omit		senza / without							

A-WB-C-SE-...-L-...-...



CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

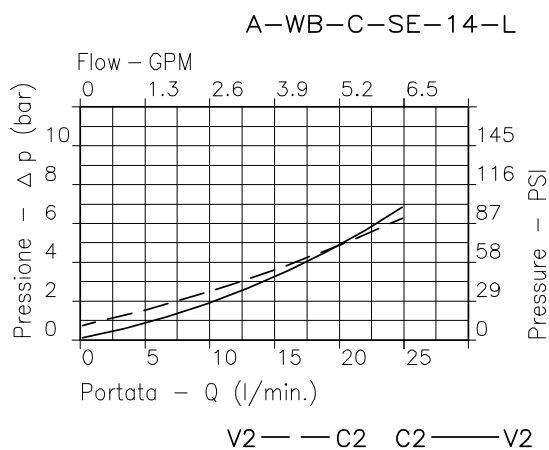
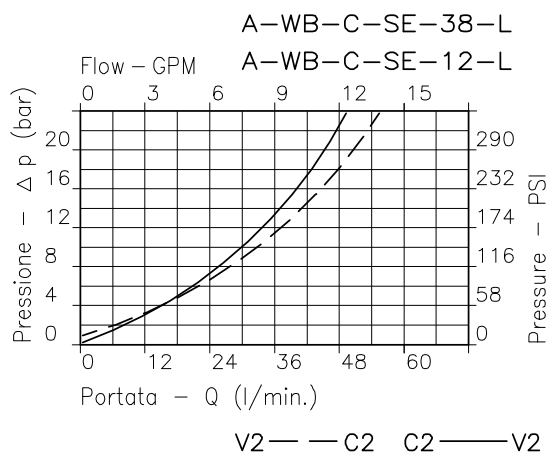
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

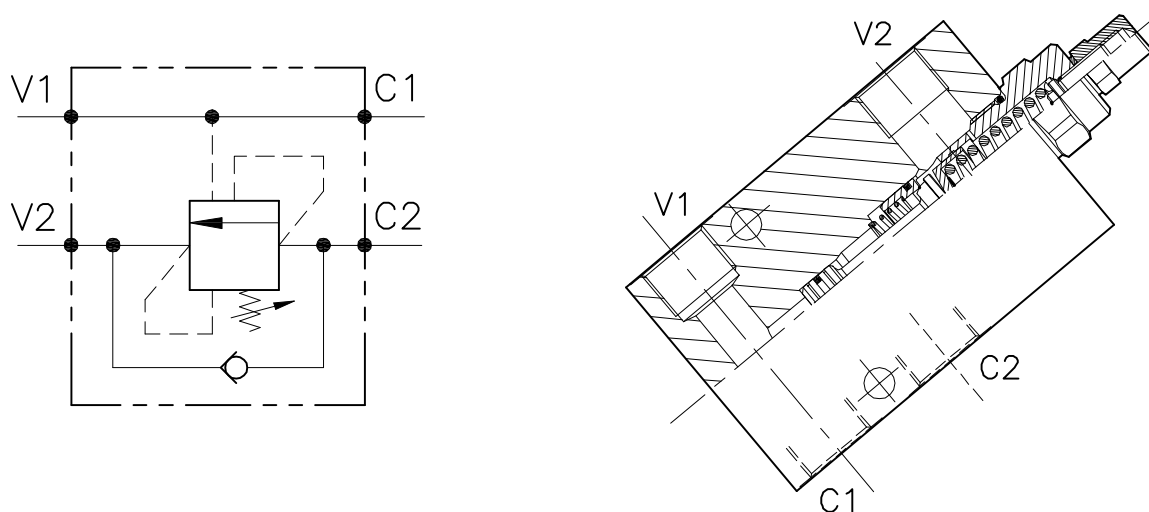
Pressione di lavoro max

350 bar / 1.3 = 270 bar

Max working pressure



Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 12/14
1/160 l/min - 0.26/42.3 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
6.2 : 1
-30°C + 50°C
-30°C + 80°C
30÷50

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

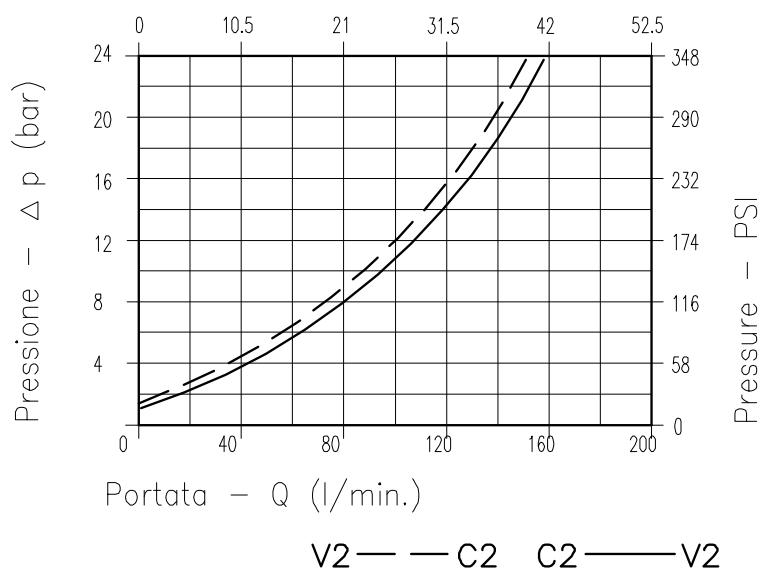
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

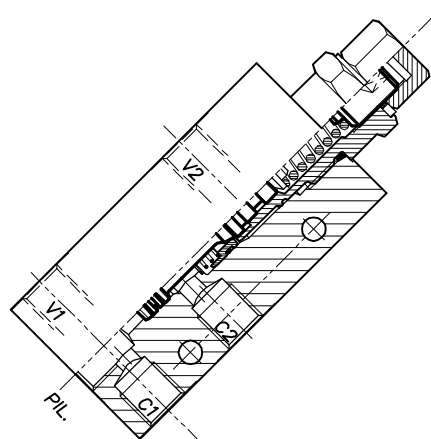
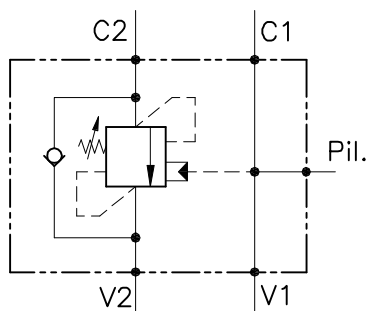
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

OWC-30-SE-14-L



CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/25 l/min - 0.26/6.6 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

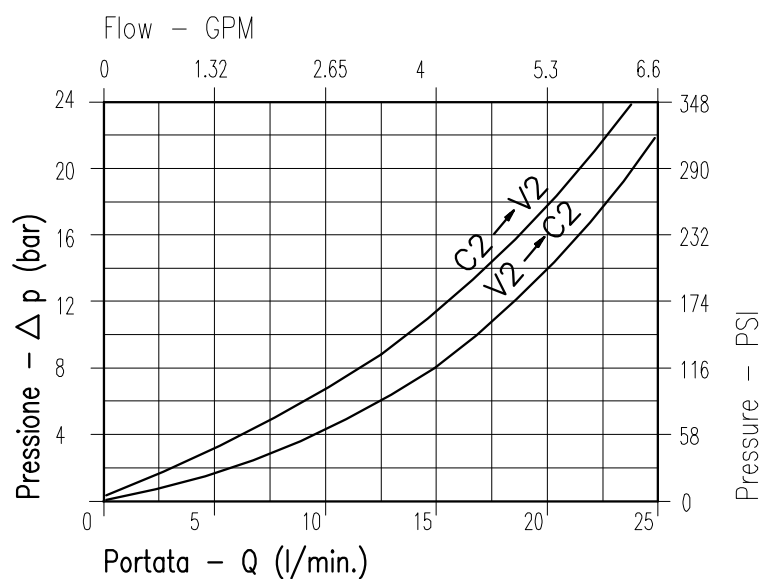
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

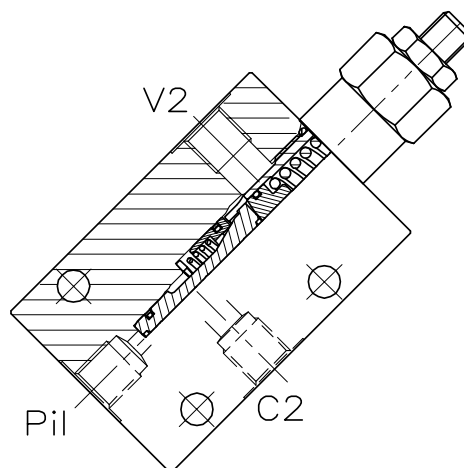
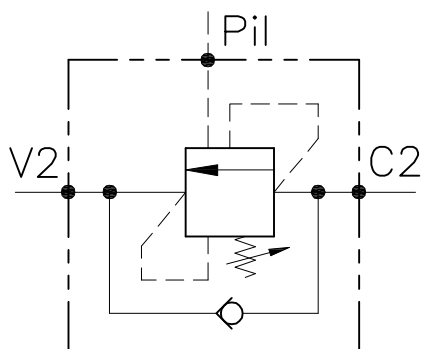
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

A-WB-C-SE-...-14-...-...



CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

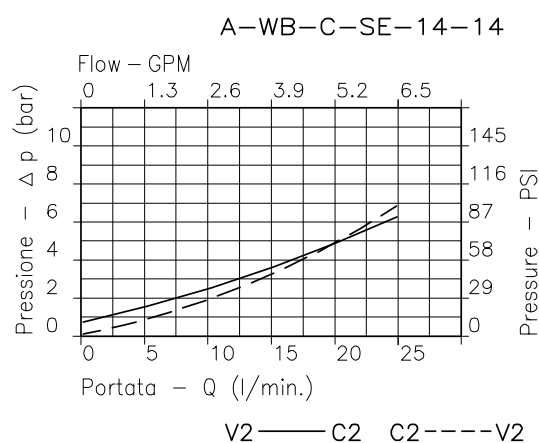
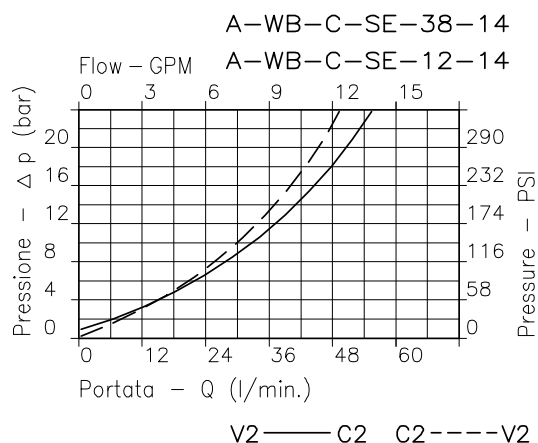
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

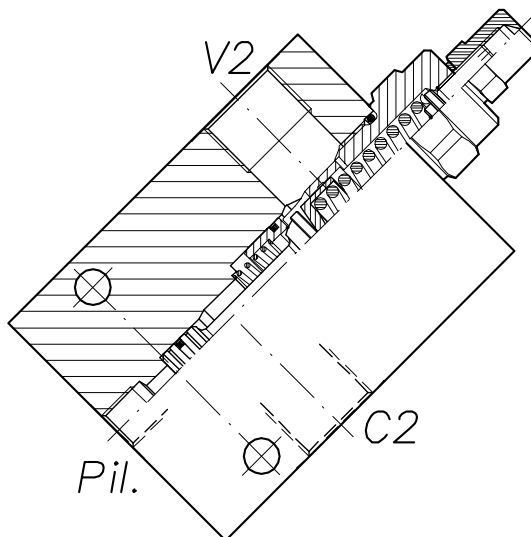
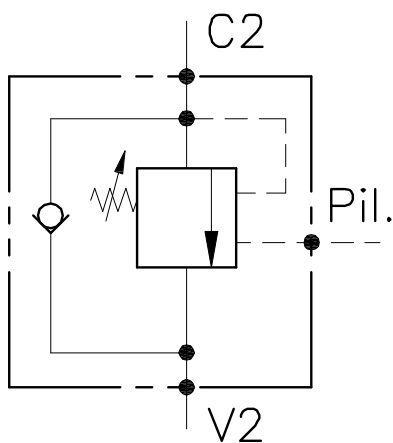
Pressione di lavoro max

350 bar / 1.3 = 270 bar

Max working pressure



Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 12/14
1/160 l/min - 0.26/42.3 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
6.2 : 1
-30°C + 50°C
-30°C + 80°C
30÷50 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

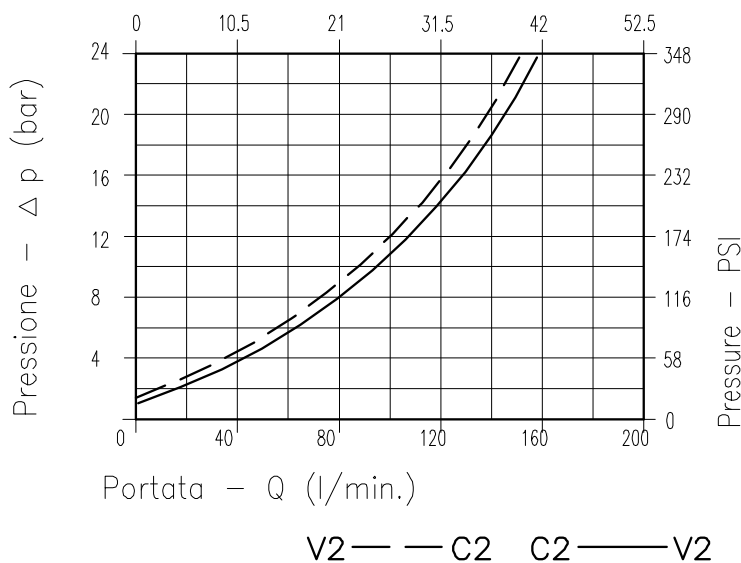
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

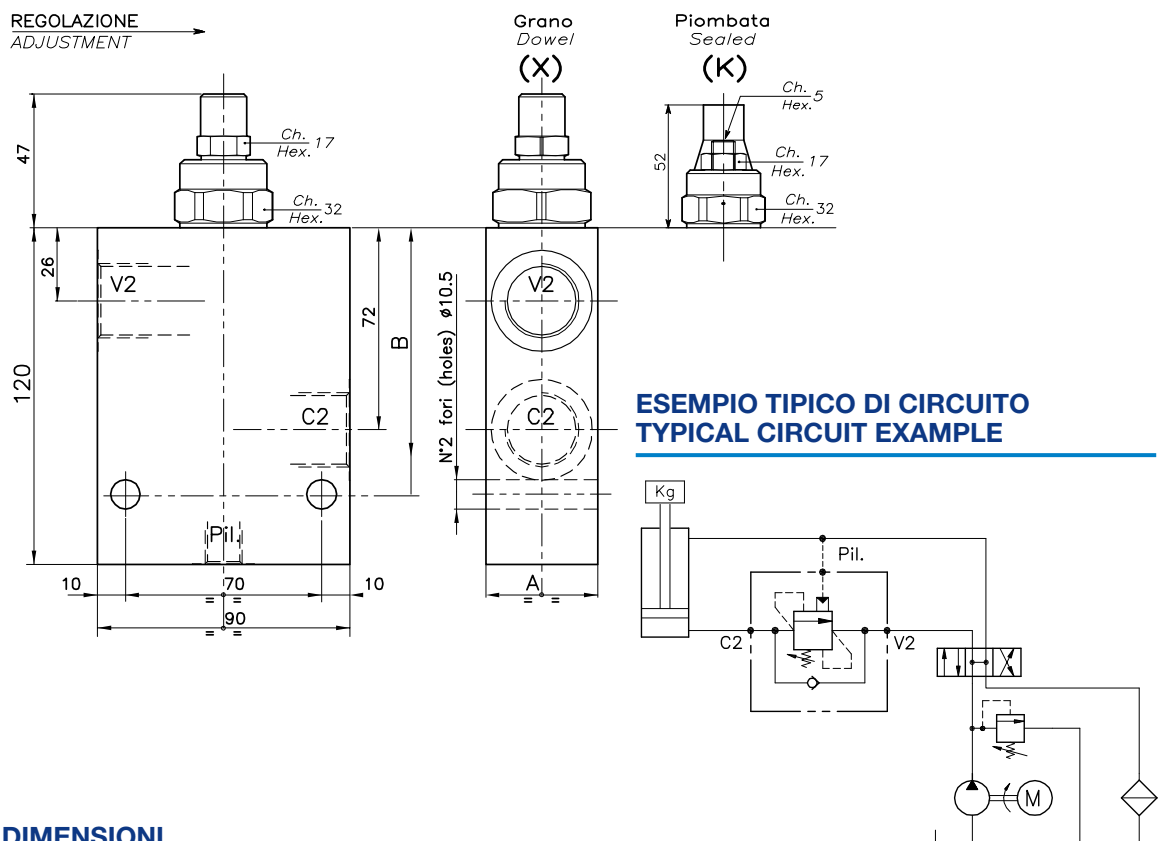
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO CON PILOTAGGIO ESTERNO COUNTERBALANCE VALVE WITH EXTERNAL PILOT



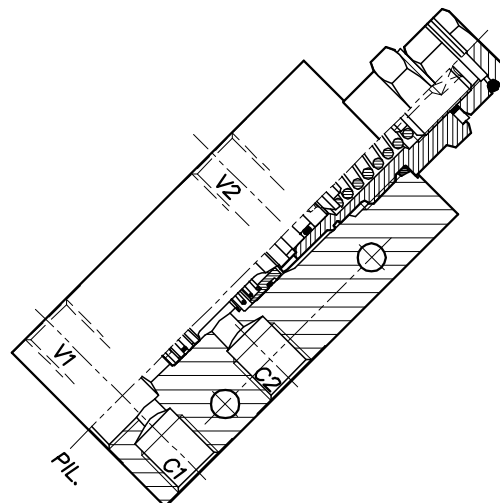
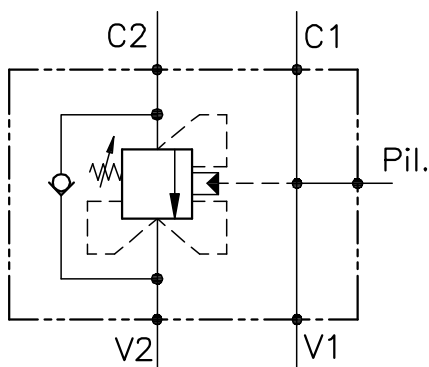
DIMENSIONI DIMENSIONS

Campo taratura Setting range	Corpo Body	A	B	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM	Attacchi Port size PIL
448	Acciaio Steel	95	120	3/4"	12	120-31	1/4"
450	Acciaio Steel	107	142	1"	14	160-42	1/4"

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 448 . 0		X	0 . A
Campo taratura / Setting range			
448			
450			
Campo taratura 60÷350 bar (molla colore verde) Setting range 60÷350 bar (greenspring)			
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw		
250 bar	(125)		
		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment
		O 6.2 : 1 G 4 : 1	X Grano - Dowel K Piombata - Sealed
			A Acciaio zincato Zinc plated steel
		448	Collettore possibile in AL togliendo "A" Available aluminium body without "A"

OWC-30-CC-SE-14-L



CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/25 l/min - 0.26/6.6 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

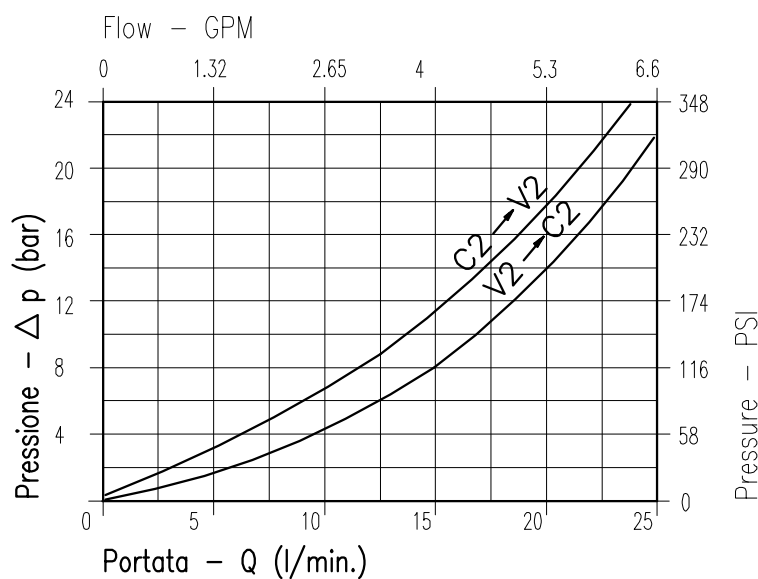
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

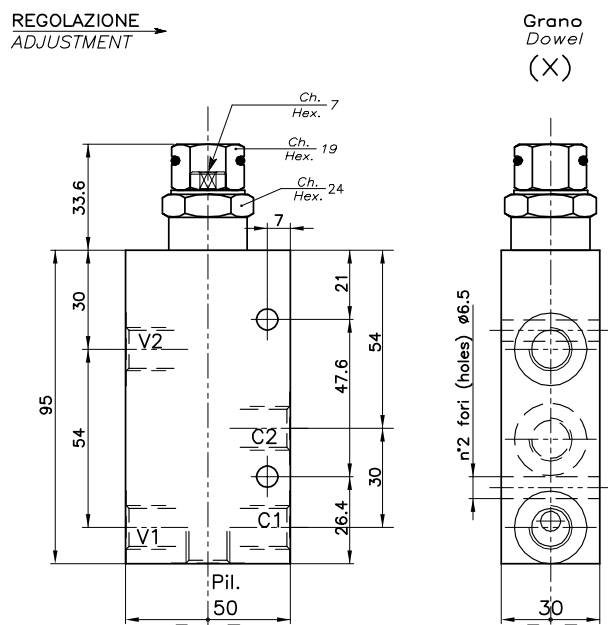
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



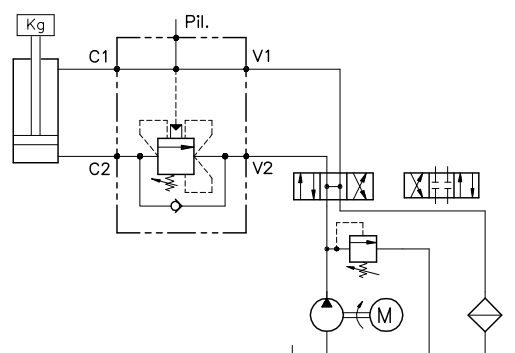
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
874	1/4"	6	25-6

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

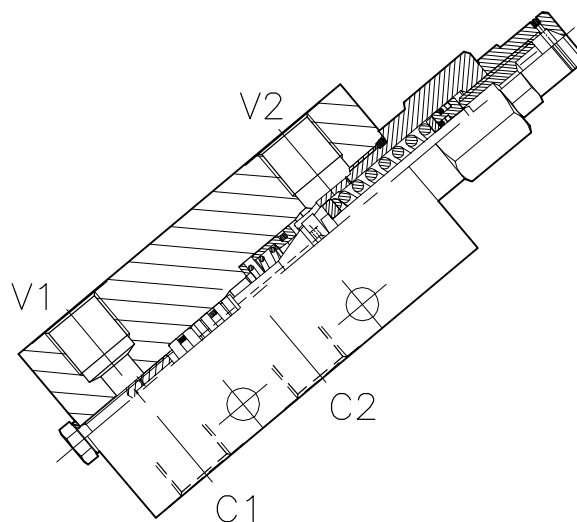
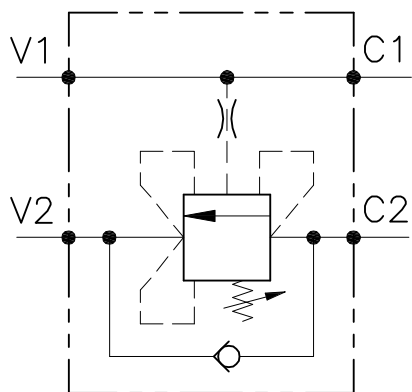


CODICE DI ORDINAZIONE HOW TO ORDER

001 . 874 . 0 X 0 . A

Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
874		O 4 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw			
250 bar	(75)			

A-WB-CC-SE-...-L-...



CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

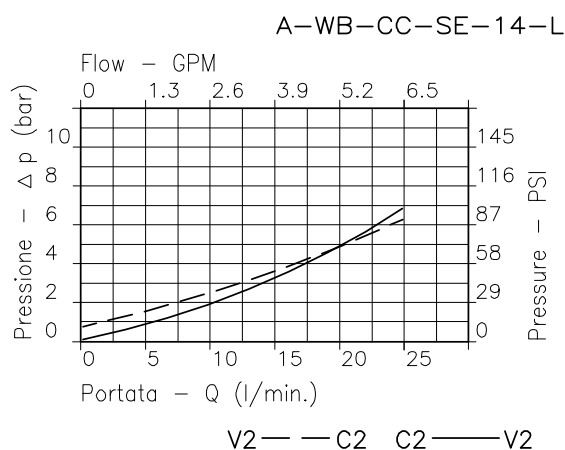
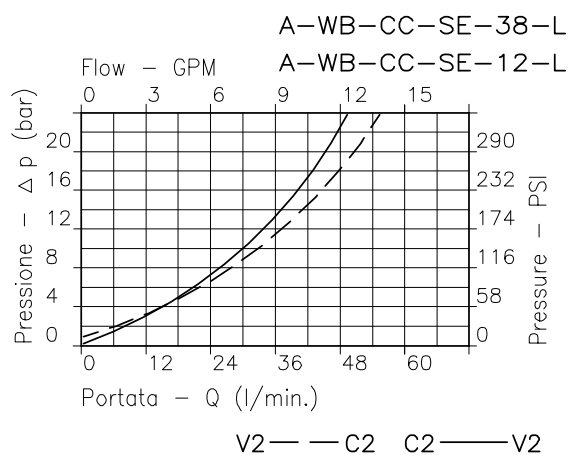
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max

350 bar / 1.3 = 270 bar

Max working pressure

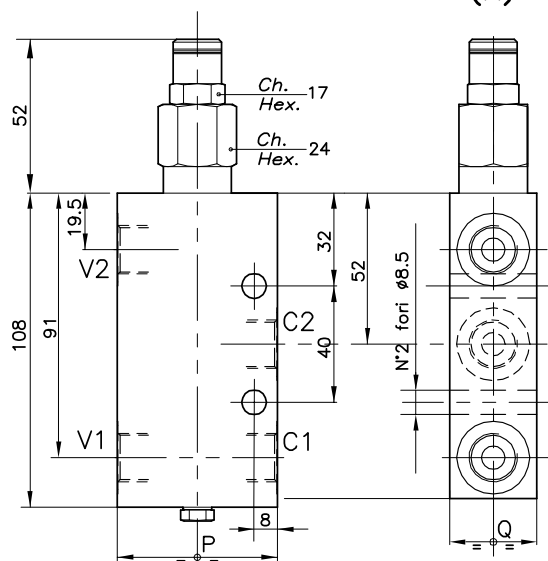


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

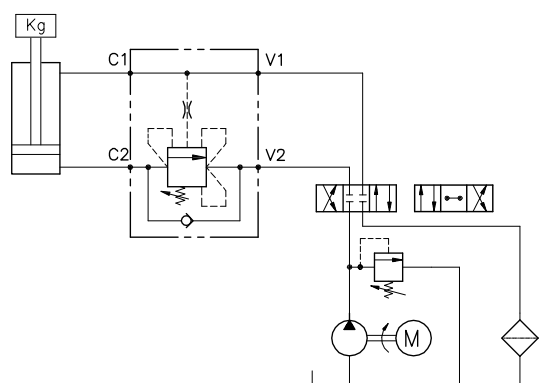
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO CON COLLETTORE IN LINEA COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH IN LINE BODY

REGOLAZIONE
ADJUSTMENT →

Grano
Dowel
(X)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



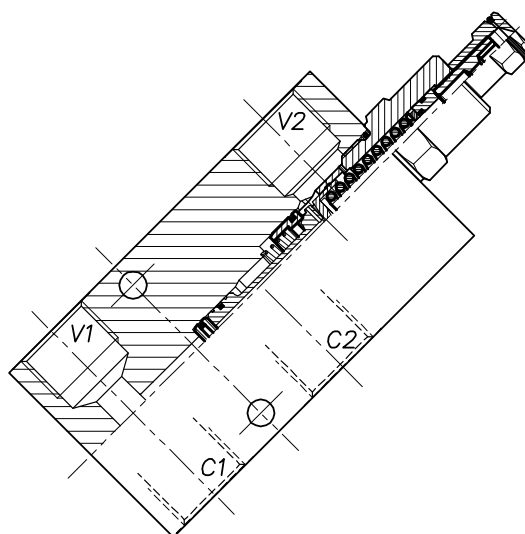
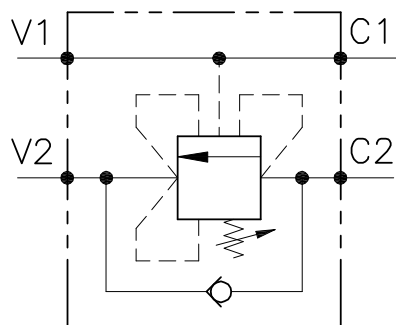
DIMENSIONI DIMENSIONS

Campo taratura Setting range		P	Q	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
446	447	55	30	3/8"	8	40-10
455	456	65	35	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 446 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
446		447				
455		456		O 4.25 : 1 D 8 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
Campo taratura 30÷220 bar (molla colore giallo) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore rosso) Setting range 60÷350 bar (red spring)				
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite			
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw			
180 bar	(60)	250 bar	(140)			



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 12/14

1/160 l/min - 0.26/42.3 GPM

450 bar - 6525 PSI

350 bar - 5075 PSI

6.2 : 1

-30°C + 50°C

-30°C + 80°C

30÷50 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

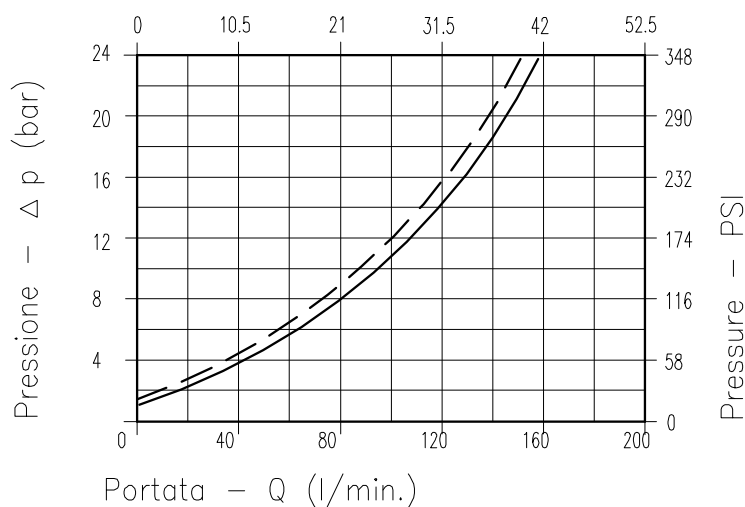
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar

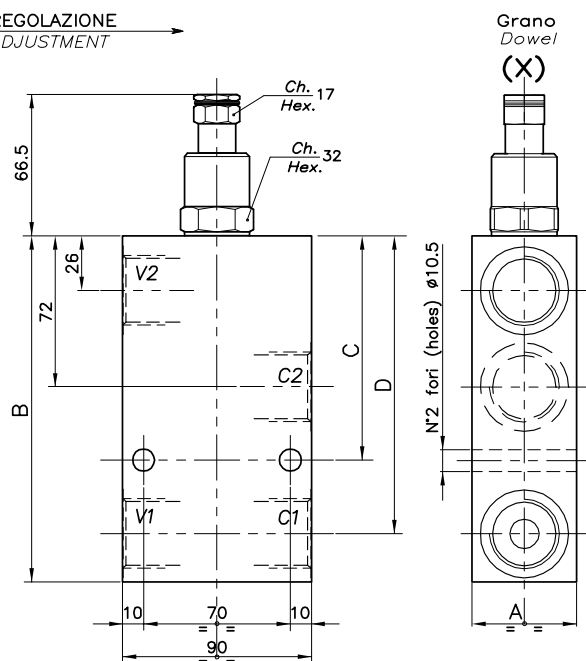


V2 — — C2 C2 — — V2

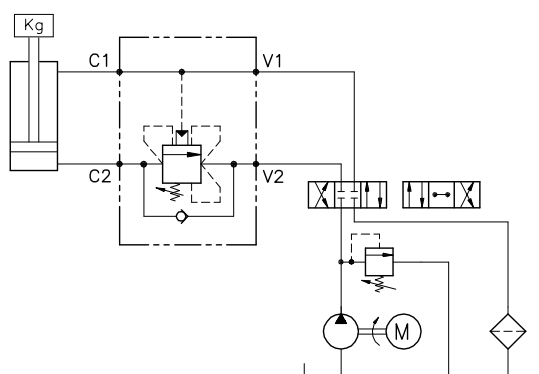
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO CON COLLETTORE IN LINEA COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH IN LINE BODY

REGOLAZIONE
ADJUSTMENT



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



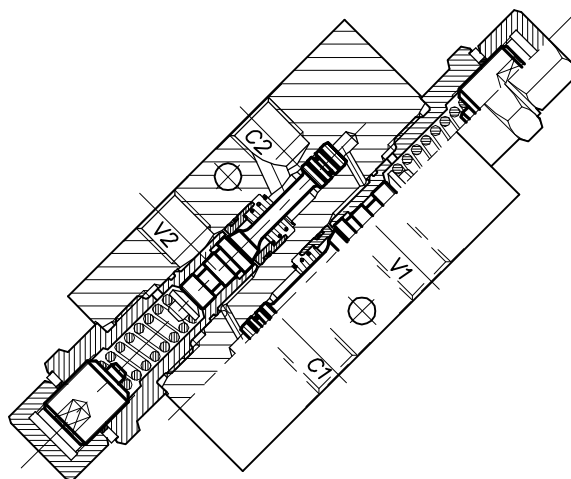
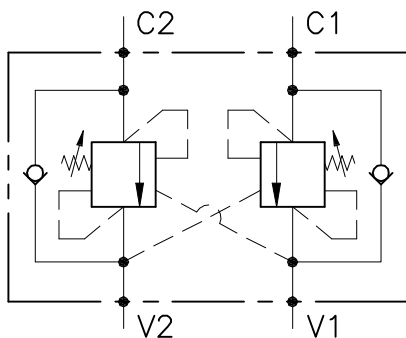
DIMENSIONI DIMENSIONS

Campo taratura Setting range	A	B	C	D	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
468	40	140	95	120	3/4"	12	120-31
469	50	165	107	142	1"	14	160-42

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 468 . 0		X	0	. A
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
468				
469		O 6.2 : 1	X Grano - Dowel	A
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		G 4.1 : 1		Acciaio zincato Zinc plated steel
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw			
250 bar	(140)			

OWC-30-DEI-14-L



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 6

1/25 l/min - 0.26/6.6 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

4 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

0.300 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

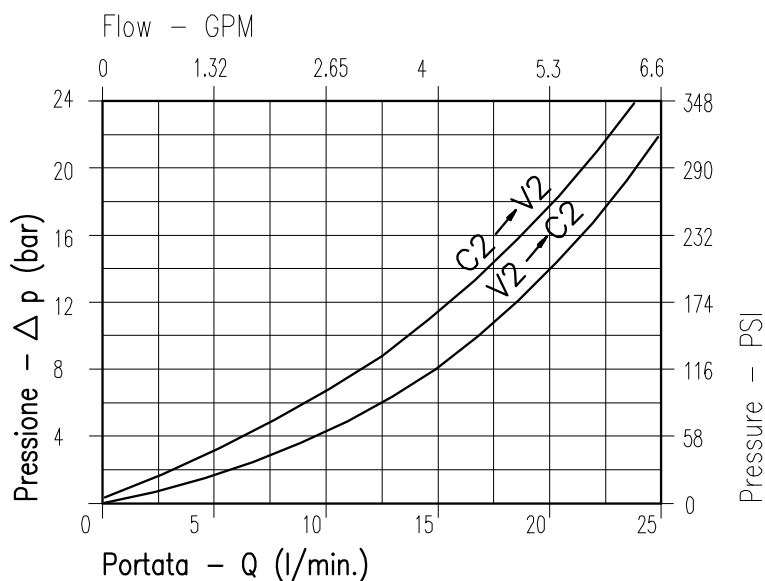
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

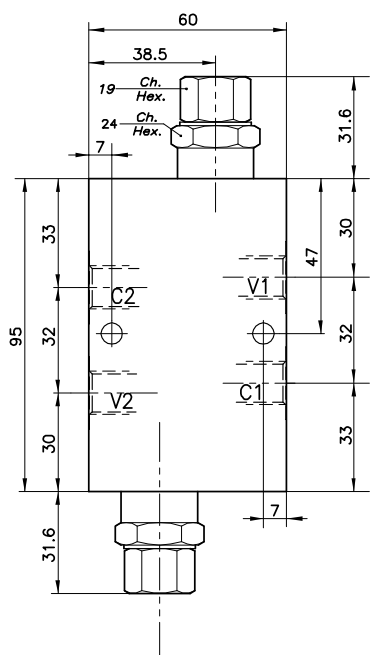
350 bar / 1.3 = 270 bar



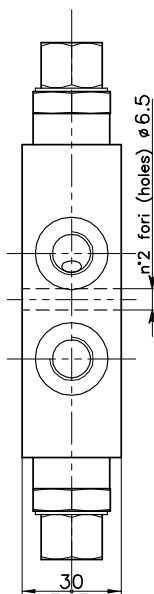
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE COUNTERBALANCE VALVE WITH IN LINE BODY

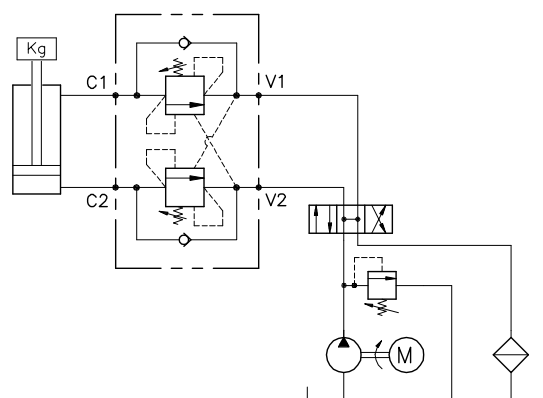
REGOLAZIONE
ADJUSTMENT



Grano
Dowel
(X)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
626	1/4"	DN 6	l/min - GPM 25-6

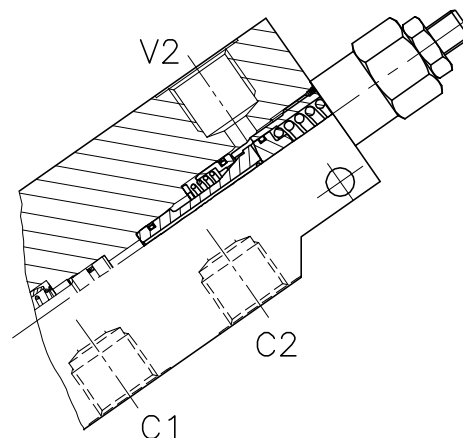
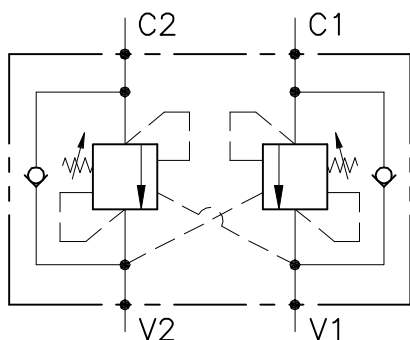
CODICE DI ORDINAZIONE HOW TO ORDER

001 . 626 . 0 X 0 . A

Campo taratura / Setting range
626
Campo taratura 60÷350 bar (molla colore verde) Setting range 60÷350 bar (green spring)
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')
250 bar
Incr. press. - bar giro/vite Pressure rise - turn of screw
(75)

Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
O 4 : 1 F 7 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel

626 Collettore possibile in AL togliendo "A"
Available aluminium body without "A"



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 6/8/10

1/60 l/min - 0.26/15.9 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

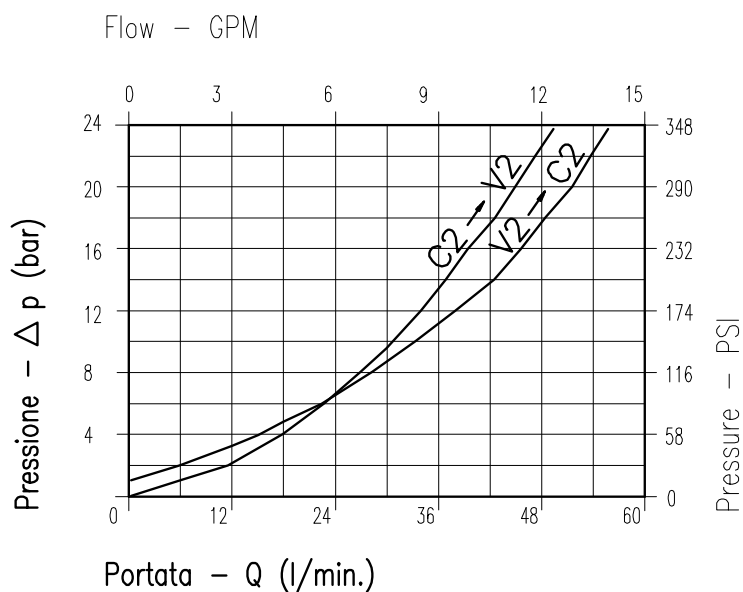
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

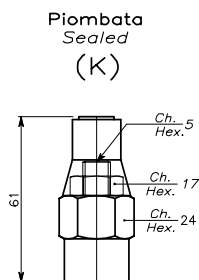
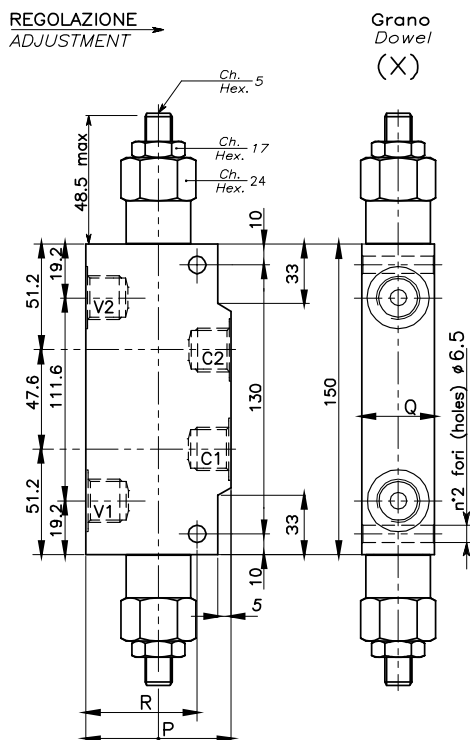
Max working pressure:

350 bar / 1.3 = 270 bar

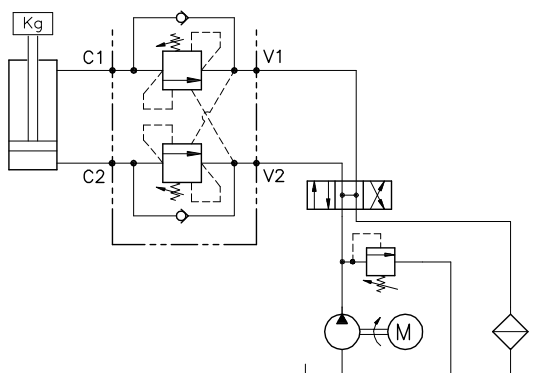


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE COUNTERBALANCE VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



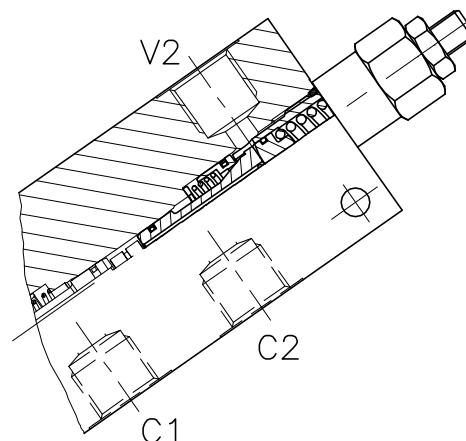
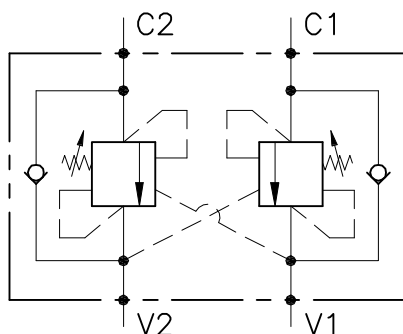
DIMENSIONI DIMENSIONS

Campo taratura Setting range		P	Q	R	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
079	078	60	30	47,5	1/4"	6	20-5
081	080	60	30	47,5	3/8"	8	40-10
083	082	70	35	55	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 079 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment		Collettore Body	
079		078		O	4.25 : 1	X	Grano - Dowel	A	Acciaio zincato
081		080		D	8 : 1	K	Piombata - Sealed		Zinc plated steel
083		082							
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)							
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)							
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite						
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw						
180 bar	(50)	250 bar	(90)						



CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

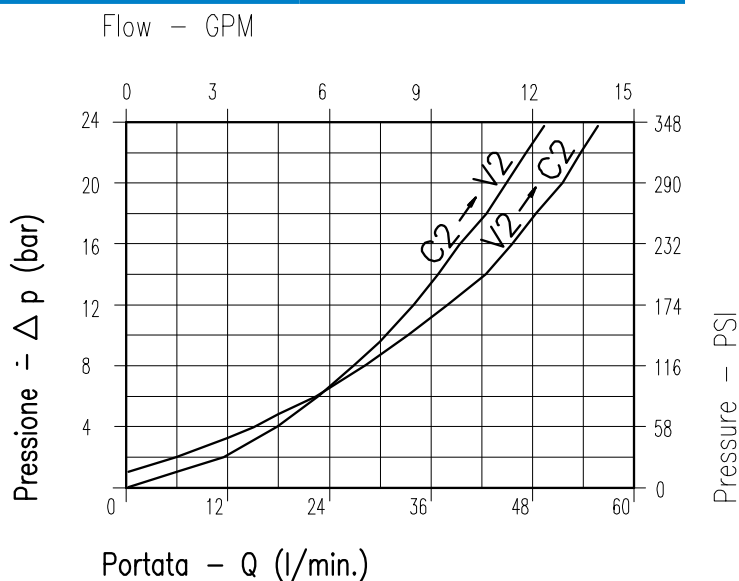
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

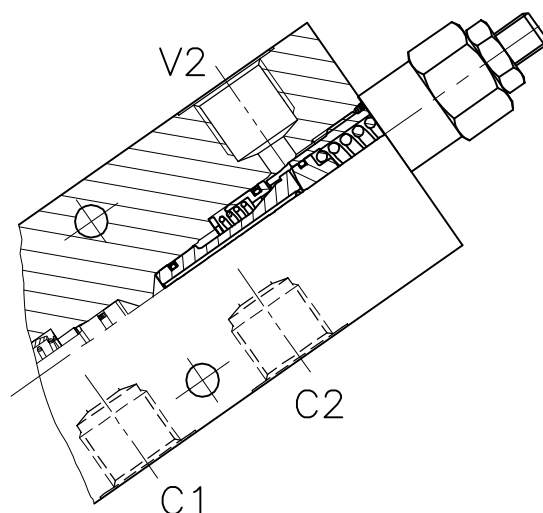
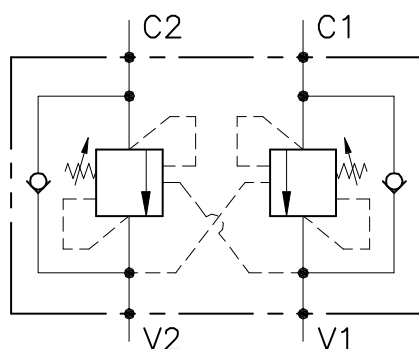
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

A-OWC-DE-...-OIL-...



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso

DN 8/10
1/60 l/min - 0.26/15.9 GPM
350 bar - 5075 PSI
350 bar - 5075 PSI
4.25 : 1
-30°C + 50°C
-30°C + 80°C
30 micron
2.586 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

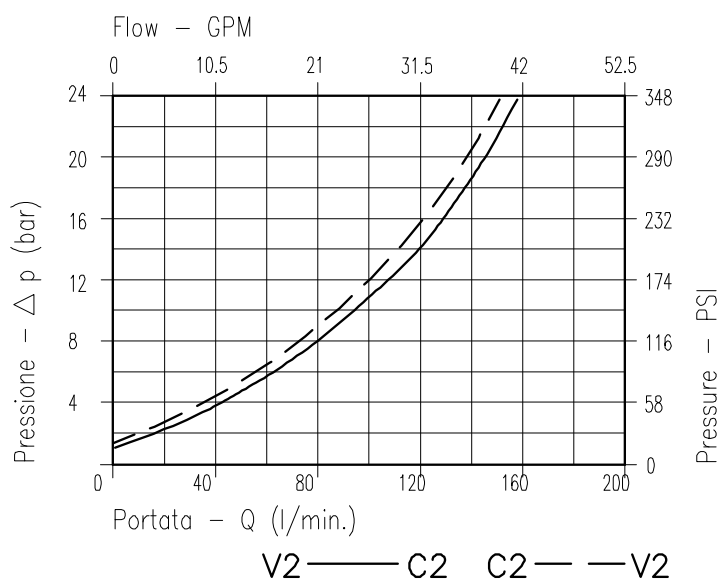
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

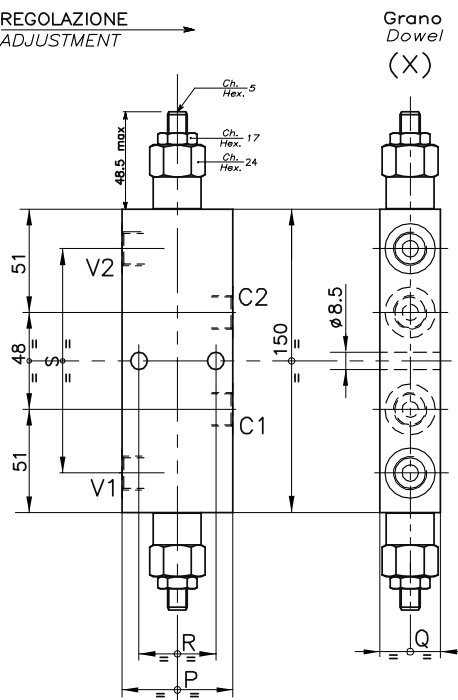
350 bar / 1.3 = 270 bar



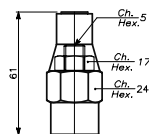
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE COUNTERBALANCE VALVE WITH IN LINE BODY

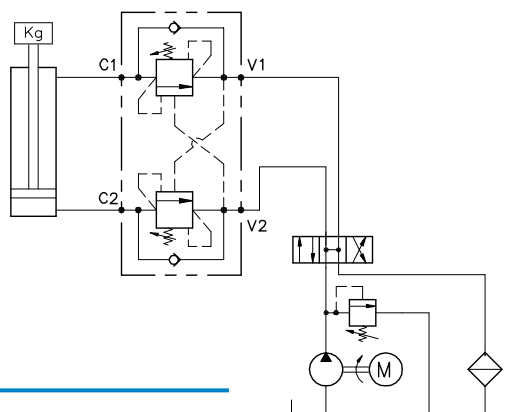
REGOLAZIONE
ADJUSTMENT



Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

Campo taratura Setting range	P	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
697 660	55	30	38	109,6	3/8"	8	40-10
696 695	65	35	43	112	1/2"	10	60-15

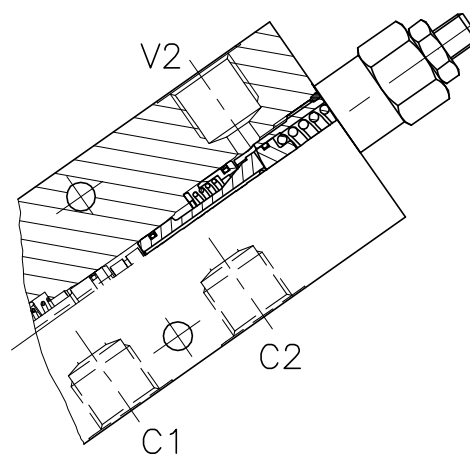
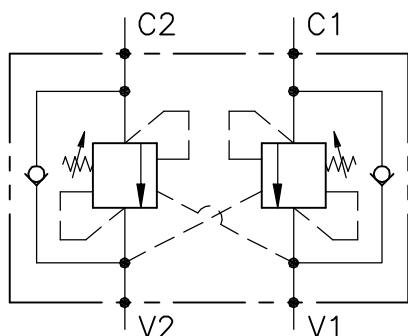
CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 697 . 0 X 0 . A

Campo taratura / Setting range			
697	660		
696	695		
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)	
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
180 bar	(50)	250 bar	(90)

Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
O 4,25 : 1	X Grano - Dowel	A Acciaio zincato Zinc pla- ted steel
D 8 : 1	K Piombata - Sealed	

660	
697	Collettore possibile in AL togliendo "A"
695	Available aluminium body without "A"
696	



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	5/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	3/8" Kg
Peso	1/2" Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

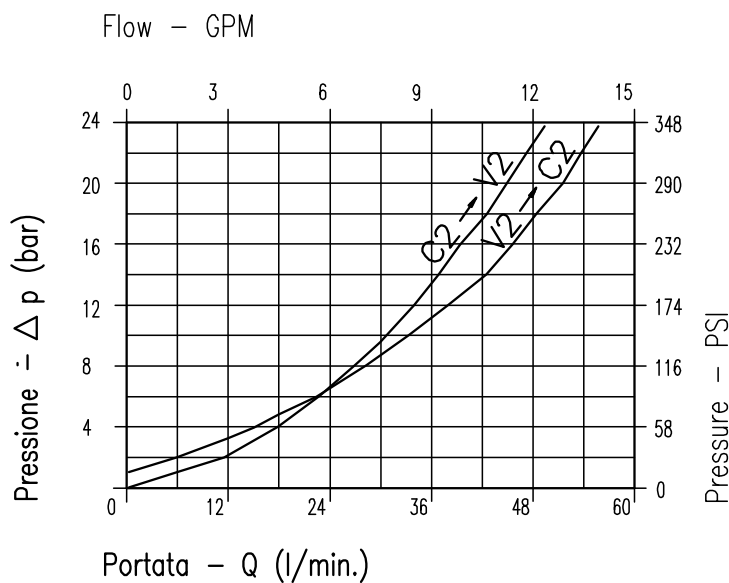
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

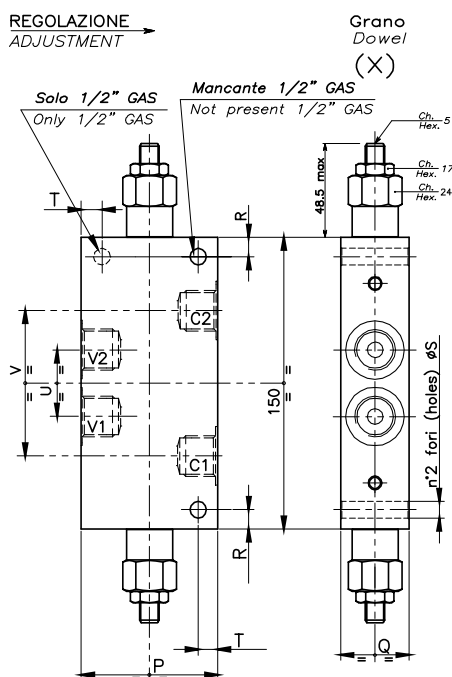
Max working pressure:

350 bar / 1.3 = 270 bar

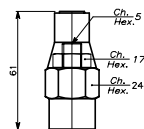


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

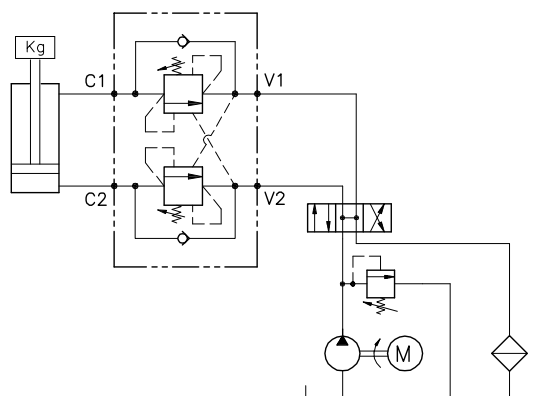
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE COUNTERBALANCE VALVE WITH IN LINE BODY



Piombata Sealed (K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

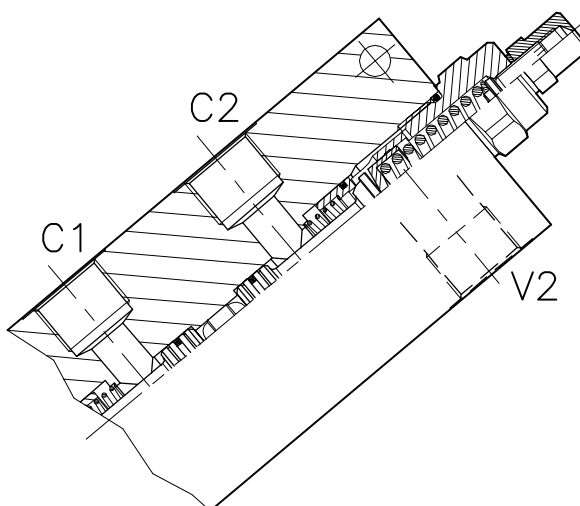
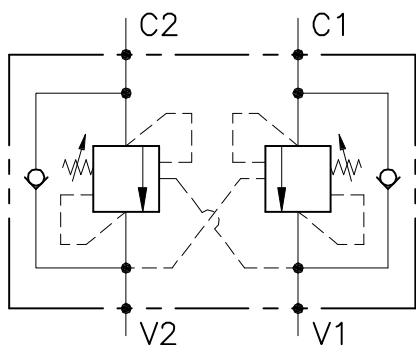


DIMENSIONI DIMENSIONS

Campo taratura Setting range	P	Q	R	S	T	U	V	Attacchi Port size V2-C2 GAS (BSPP)	Portata max Max flow-rate l/min - GPM
651	60	30	23	6.5	14	34	69	3/8"	40-10
115	70	35	12.5	8.5	8	36	80	1/2"	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 651 . 0	X	0 . A
Campo taratura / Setting range 651 115	Rapporto di pilotaggio Pilot ratios O 4,25 : 1 D 8 : 1	Regolazione Adjustment X Grano - Dowel K Piombata - Sealed
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring) Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1') 250 bar	Incr. press. - bar giro/vite Pressure rise - turn of screw (90)	Collettore Body A Acciaio zincato Zinc plated steel
115	Collettore possibile in AL togliendo "A" Available aluminium body without "A"	



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 12/14
1/160 l/min - 0.26/42.3 GPM
350 bar - 5075 PSI
350 bar - 5075 PSI
6.2 : 1
-30°C + 50°C
-30°C + 80°C
30 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

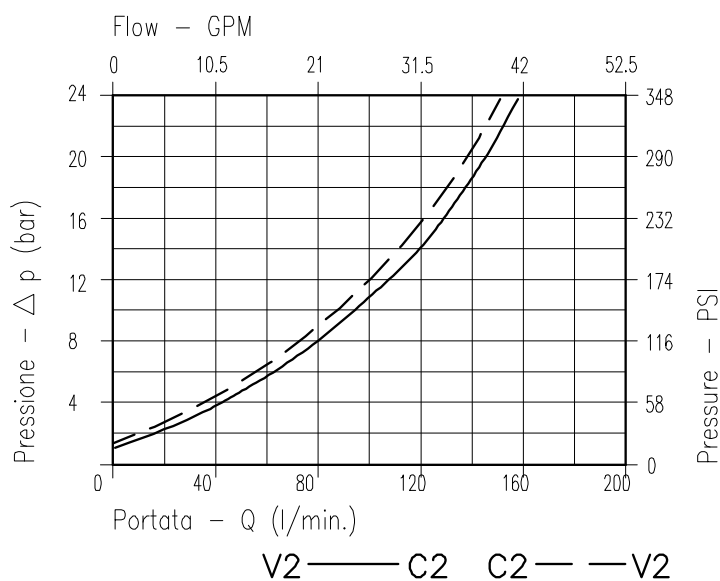
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

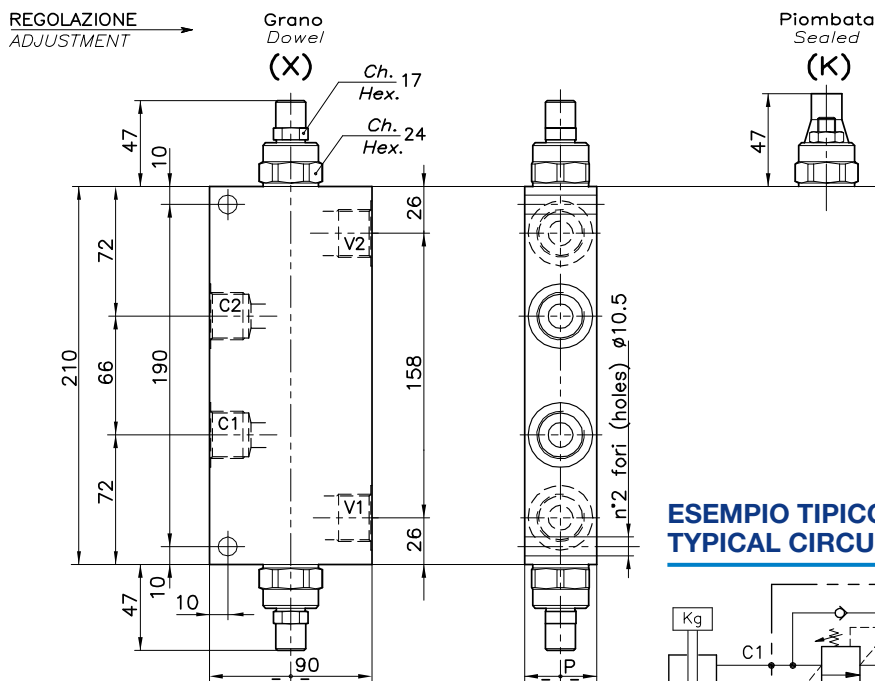
Max working pressure:

350 bar / 1.3 = 270 bar

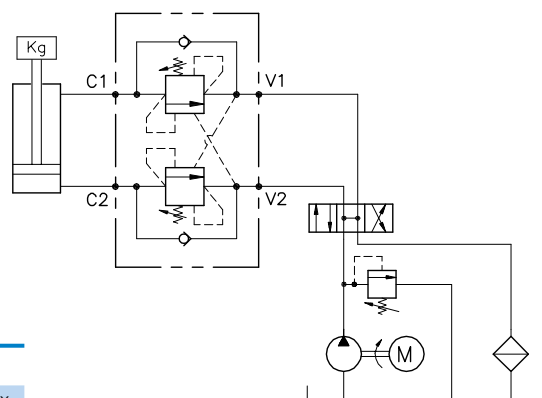


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE COUNTERBALANCE VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



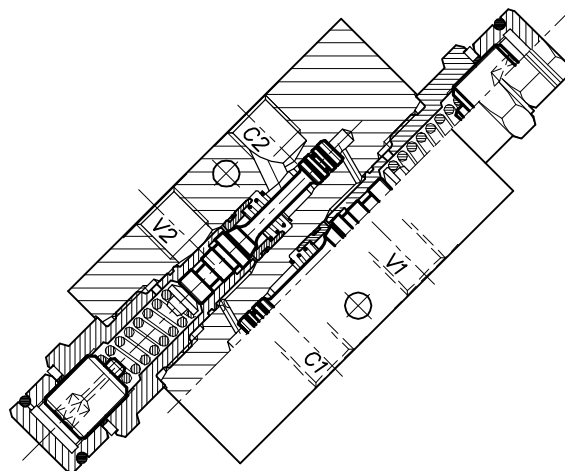
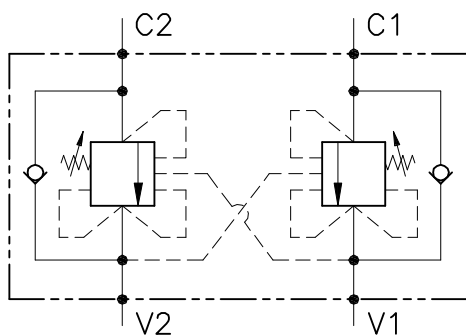
DIMENSIONI DIMENSIONS

Campo taratura Setting range	P	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
453	40	3/4"	12	120-31
454	50	1"	14	160-42

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 453 . 0		X		0 . A	
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
453		O 6.20 : 1		X Grano - Dowel	
454		G 4 : 1		K Piombata - Sealed	
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		Collettore Body		A Acciaio zincato Zinc plated steel	
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')					
250 bar					
Incr. press. - bar giro/vite Pressure rise - turn of screw					
(125)					
		453		Collettore possibile in AL togliendo "A" Available aluminium body without "A"	

OWC-CC-30-DEI-14-L



CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/25 l/min - 0.26/6.6 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

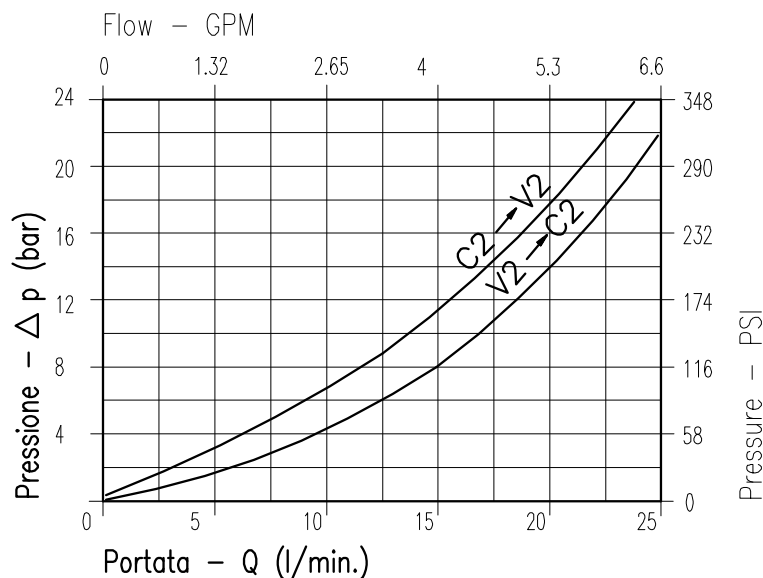
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

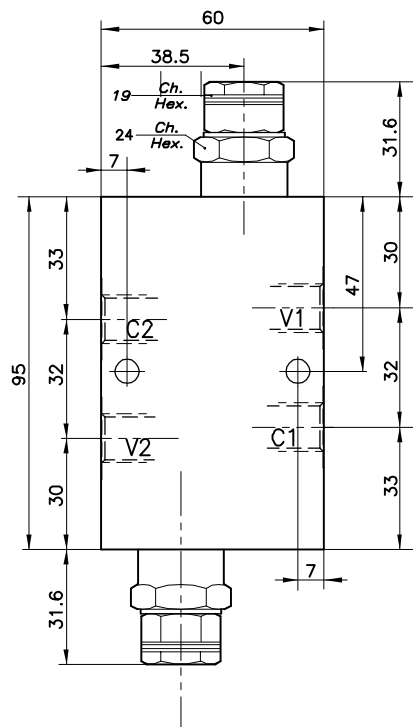
350 bar / 1.3 = 270 bar



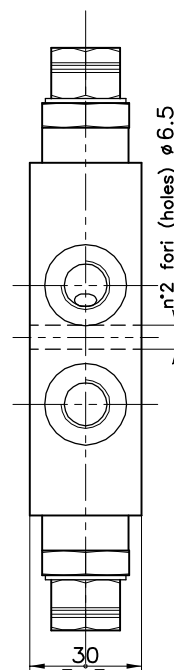
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO, A DOPPIO EFFETTO CON COLLETTORE IN LINEA
DOUBLE COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH IN LINE BODY

REGOLAZIONE
ADJUSTMENT



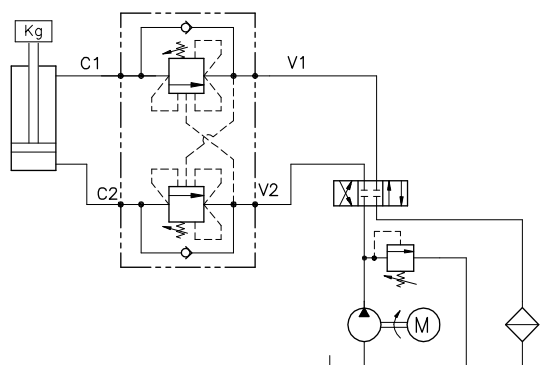
Grano
Dowel
(X)



**DIMENSIONI
DIMENSIONS**

Campo taratura Setting range	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
669	1/4"	DN 6	l/min - GPM 25-6

**ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE**



**CODICE DI ORDINAZIONE
HOW TO ORDER**

001 . 669 . 0 X 0 . A

Campo taratura / Setting range

669

Campo taratura 60÷350 bar (molla colore giallo)
Setting range 60÷350 bar (yellow spring)

Taratura standard (Q=5 l/1')
Std. bar setting Q=5 l/1')

250 bar

Incr. press. - bar giro/vite
Pressure rise - turn of screw
(75)

Rapporto
di pilotaggio
Pilot ratios

O 4 : 1
F 7 : 1

Regolazione
Adjustment

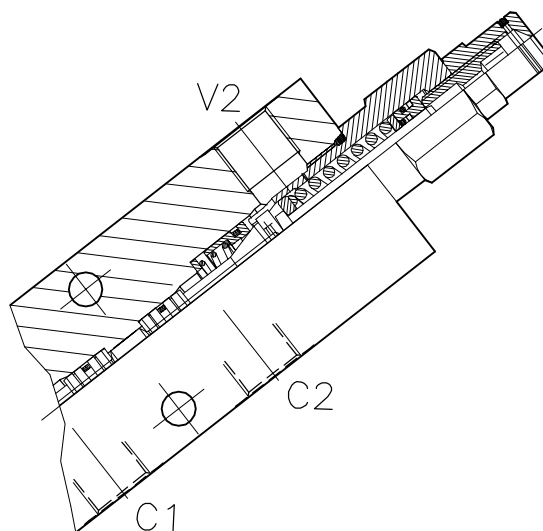
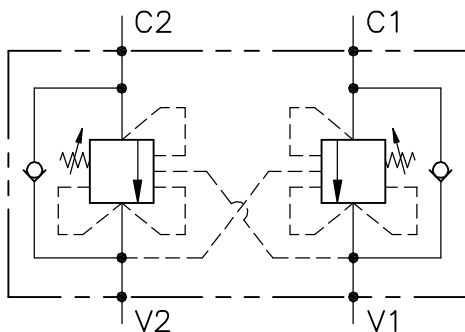
X Grano - Dowel

Collettore
Body

A Acciaio
zincato
Zinc plated
steel

669

Collettore possibile in AL togliendo "A"
Available aluminium body without "A"



CARATTERISTICHE

Luce nominale	DN 6/8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	0.300 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

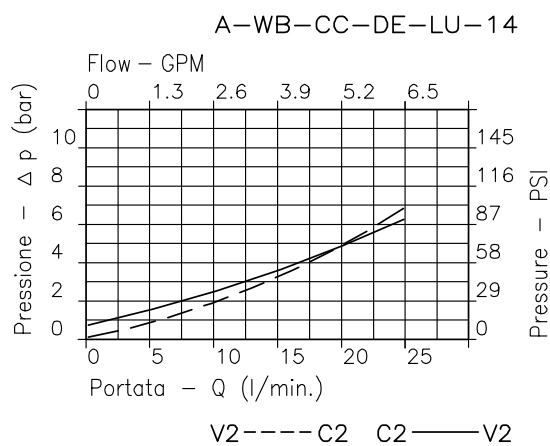
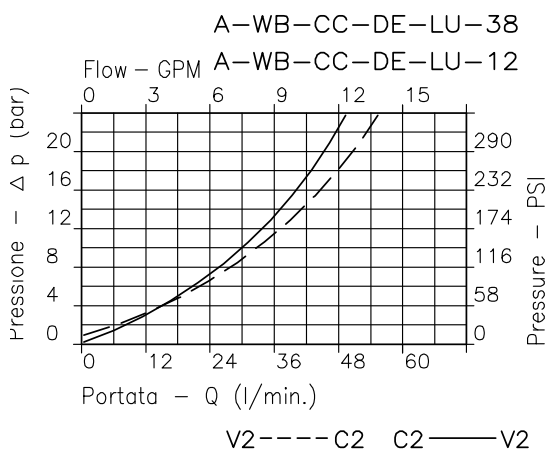
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max

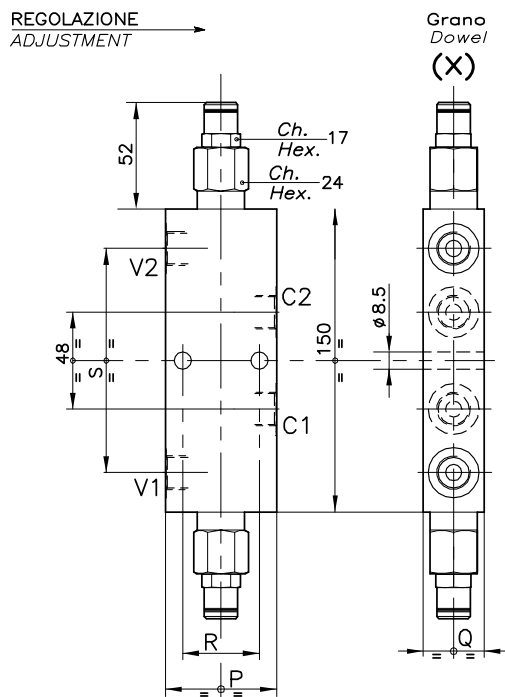
350 bar / 1.3 = 270 bar

Max working pressure

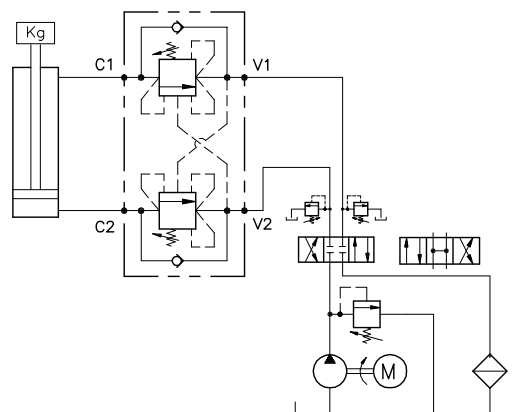


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO, A DOPPIO EFFETTO CON COLLETTORE IN LINEA
DOUBLE COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



DIMENSIONI
DIMENSIONS

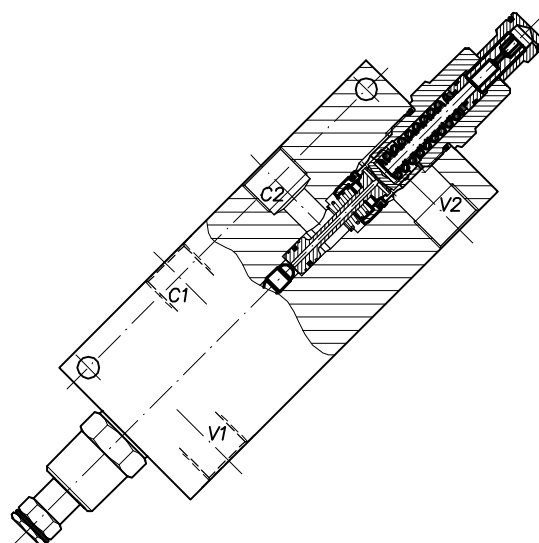
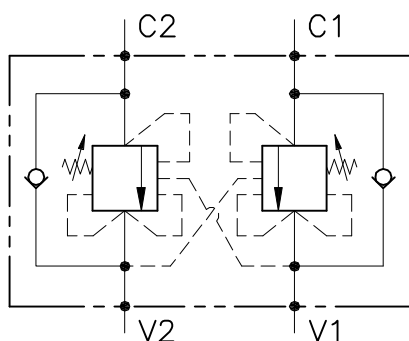
Campo taratura Setting range		P	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
460	459	55	30	38	109.6	3/8"	8	40-10
462	461	65	35	43	112	1/2"	10	60-15

CODICE DI ORDINAZIONE
HOW TO ORDER

001 . 460 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body	
460		459					
462		461		O	X	Grano - Dowel	A
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore rosso)		4.25 : 1			
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (red spring)		D	8 : 1		Acciaio zincato Zinc plated steel
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite				
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
180 bar	(60)	250 bar	(140)				

461	Collettore possibile in AL togliendo "A" Available aluminium body without "A"
462	
460	
459	



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso

DN 12/14
1/160 l/min - 0.26/42.3 GPM
350 bar - 5075 PSI
350 bar - 5075 PSI
6.2 : 1
-30°C + 50°C
-30°C + 80°C
30 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

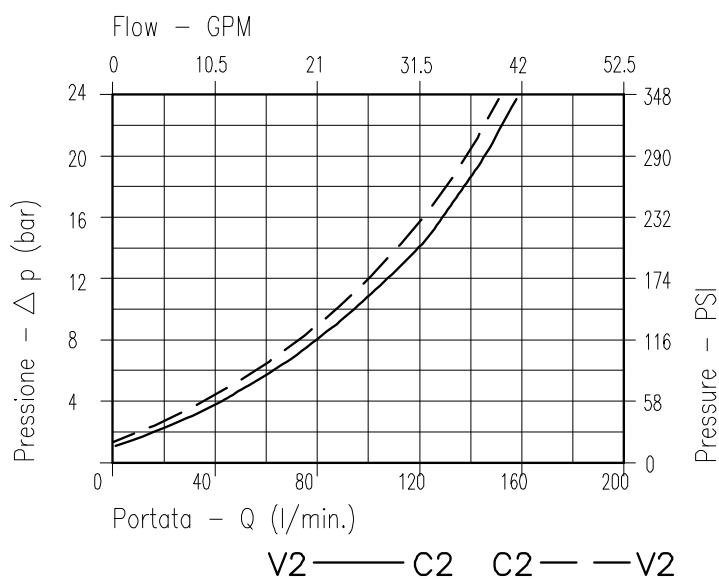
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

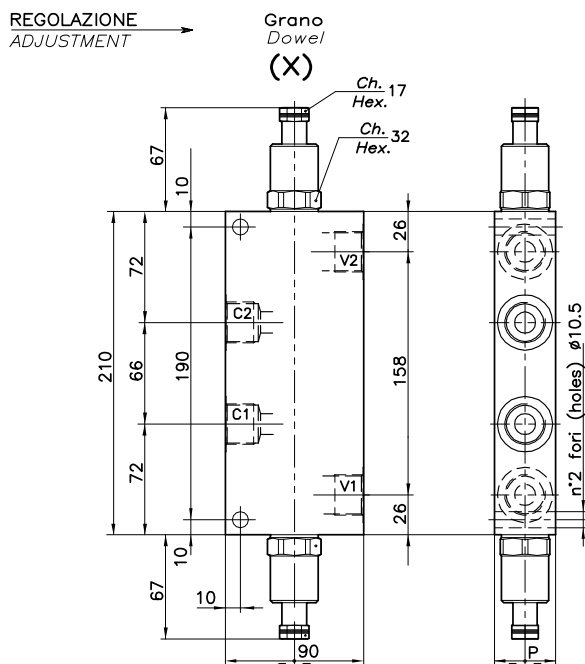
Max working pressure:

350 bar / 1.3 = 270 bar

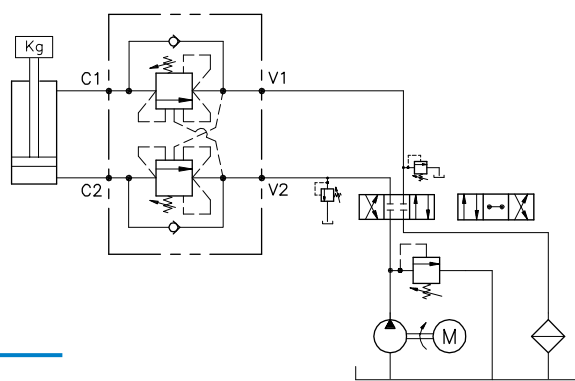


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO, A DOPPIO EFFETTO CON COLLETTORE IN LINEA
DOUBLE COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



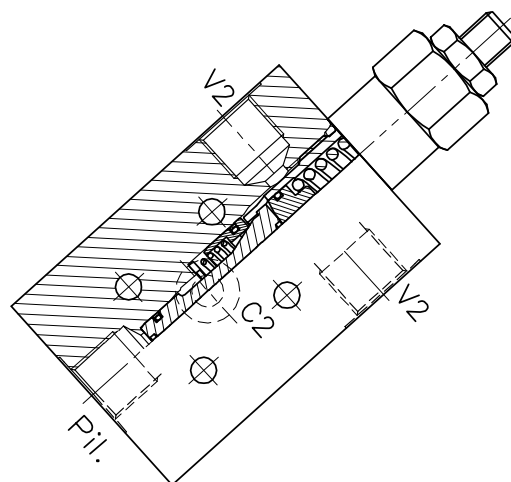
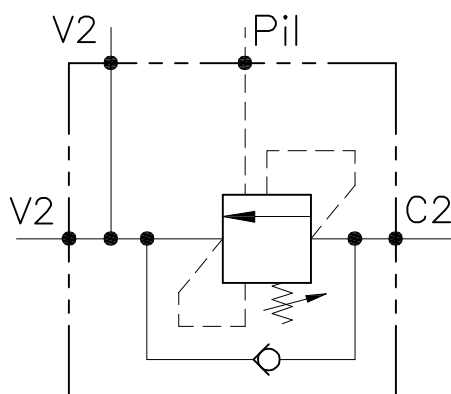
DIMENSIONI
DIMENSIONS

Campo taratura Setting range	P	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
463	40	3/4"	12	120-31
464	50	1"	14	180-47

CODICE DI ORDINAZIONE
HOW TO ORDER

001 . 463 . 0		X	0 . A	
Campo taratura / Setting range				
463				
464				
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1') 250 bar	Incr. press. - bar giro/vite Pressure rise - turn of screw (140)	Rapporto di pilotaggio Pilot ratios O 6.2 : 1 G 4 : 1	Regolazione Adjustment X Grano - Dowel	Collettore Body A Acciaio zincato Zinc plated steel
		463	Collettore possibile in AL togliendo "A" Available aluminium body without "A"	

...-OWC-SE-...-FC1-B04-...



CARATTERISTICHE

Luce nominale	DN 6/8
Portata min/max	1/40 l/min - 0.26/10.6 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

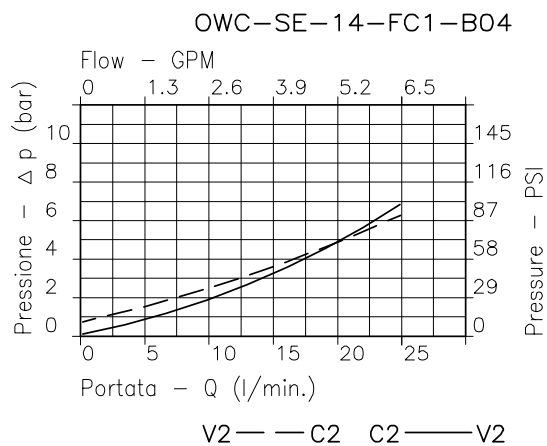
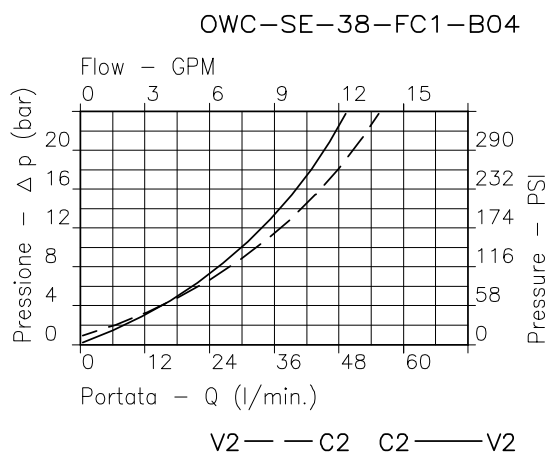
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max

350 bar / 1.3 = 270 bar

Max working pressure

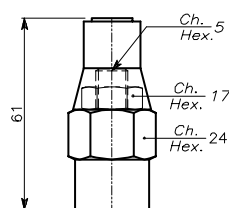
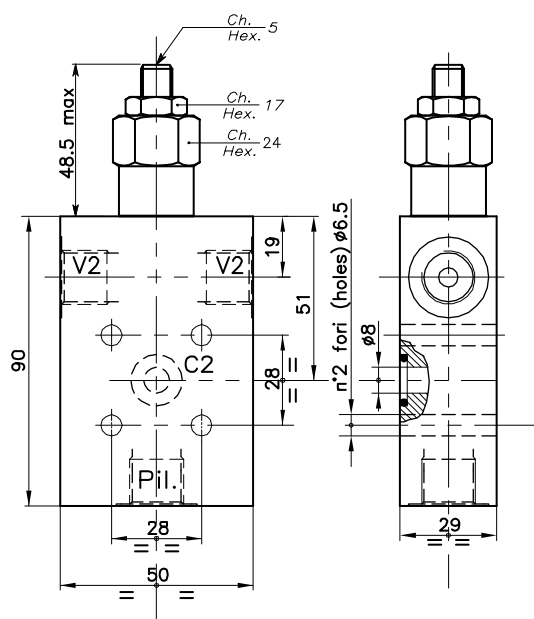


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO SINGLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY

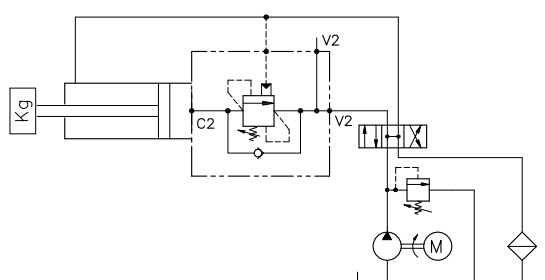
REGOLAZIONE
ADJUSTMENT →

Grano
Dowel
(X)

Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



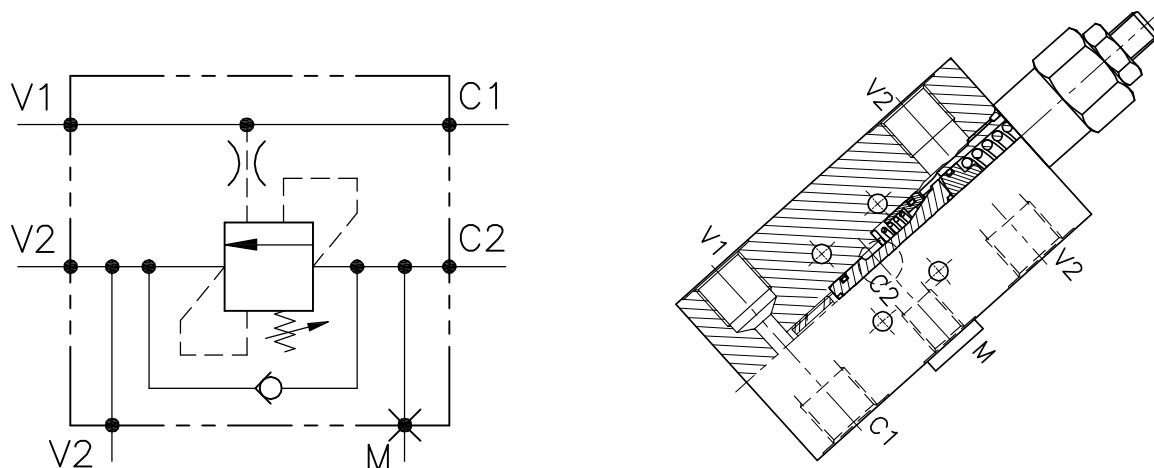
DIMENSIONI DIMENSIONS

Campo taratura Setting range		Corpo Body	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
				DN	l/min - GPM
321	320	Acciaio Steel	1/4"	6	20-5
210	209	Acciaio Steel	3/8"	8	40-10

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 321 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
321		320				
210		209				
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)				
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	O 4.25 : 1	X Grano - Dowel	A Acciaio
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	D 8 : 1	K Piombata - Sealed	zincato Zinc plated steel
180 bar	(50)	250 bar	(90)			



CARATTERISTICHE

Luce nominale	DN 6/8
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

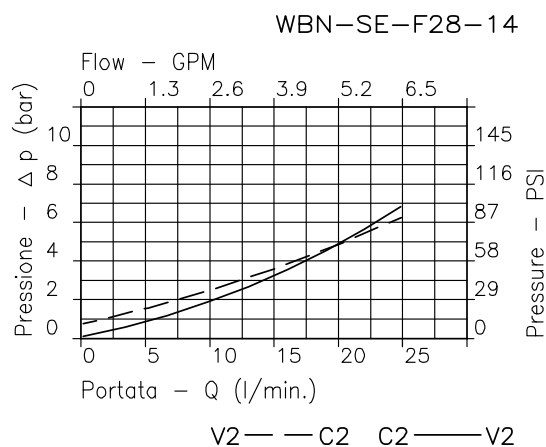
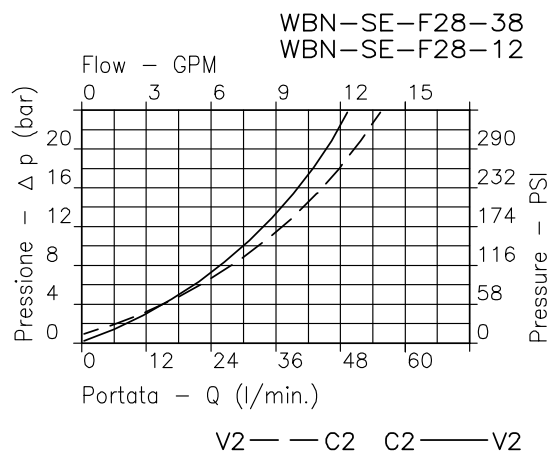
La taratura deve essere 1.3 volte maggiore della pressione indotta dal carico. Valve should be set at 1.3 times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max

350 bar / 1.3 = 270 bar

Max working pressure



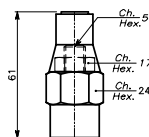
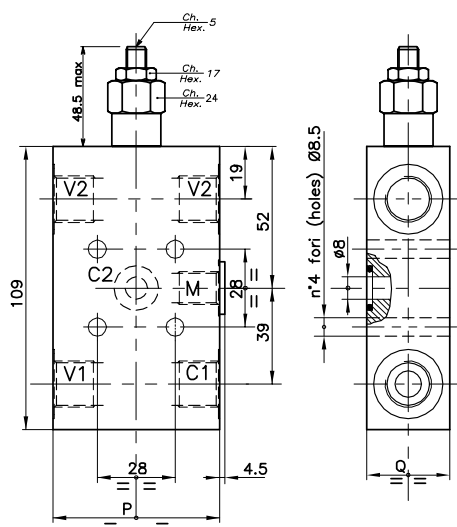
Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO SINGLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY

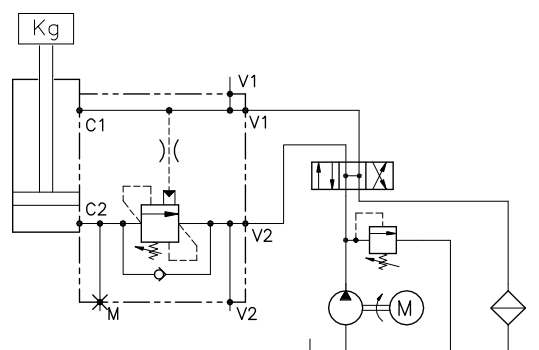
REGOLAZIONE
ADJUSTMENT →

Grano
Dowel
(X)

Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

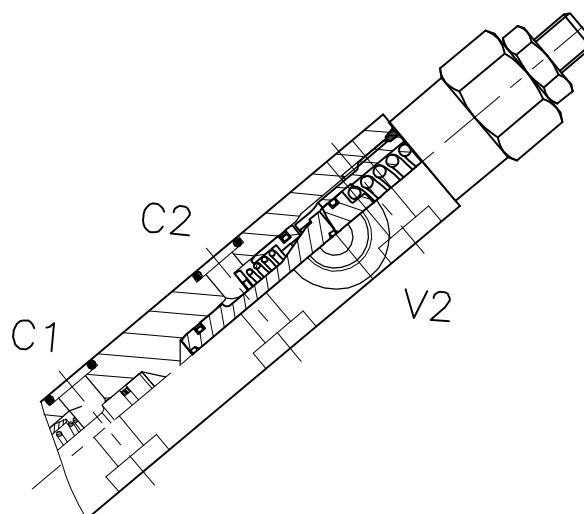
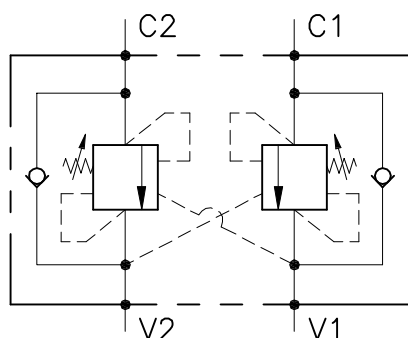
Campo taratura Setting range	P	Q	Attacchi Port size M GAS (BSPP)	Attacchi Port size V1-2-C GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
605	55	29	1/4"	3/8"	8	40-10
606	65	34.5	1/4"	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 605 . 0 X 0 . A

Campo taratura / Setting range
605
606
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)
Taratura standard (Q=5 l/1") Std. bar setting Q=5 l/1") 250 bar
Incr. press. - bar giro/vite Pressure rise - turn of screw (90)

Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
O 4.25 : 1 D 8 : 1	X Grano - Dowel K Piombata - Sealed	A Acciaio zincato Zinc plated steel



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	Pag. 02
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	3/8" GAS 0.991 Kg
Peso	1/2" GAS 1.231 Kg

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

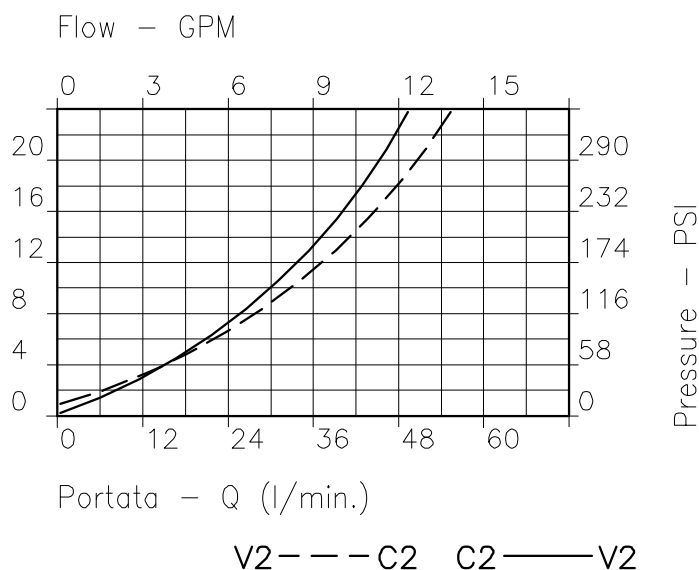
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

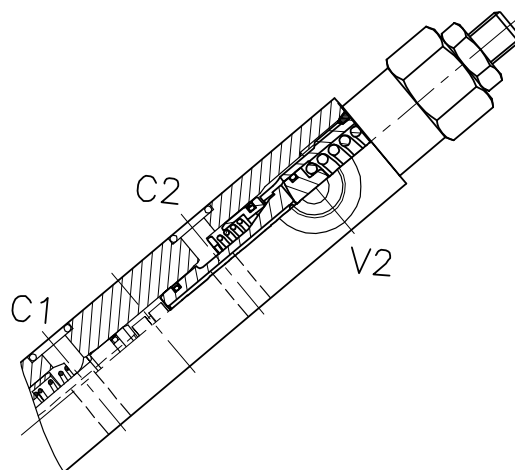
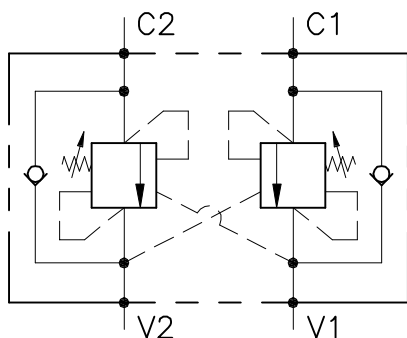
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

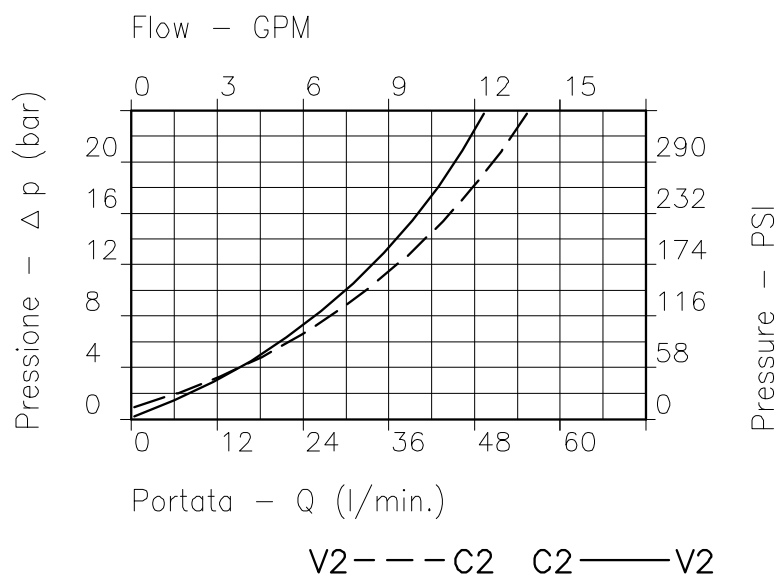
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

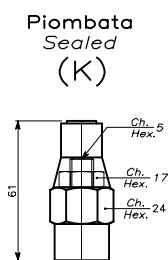
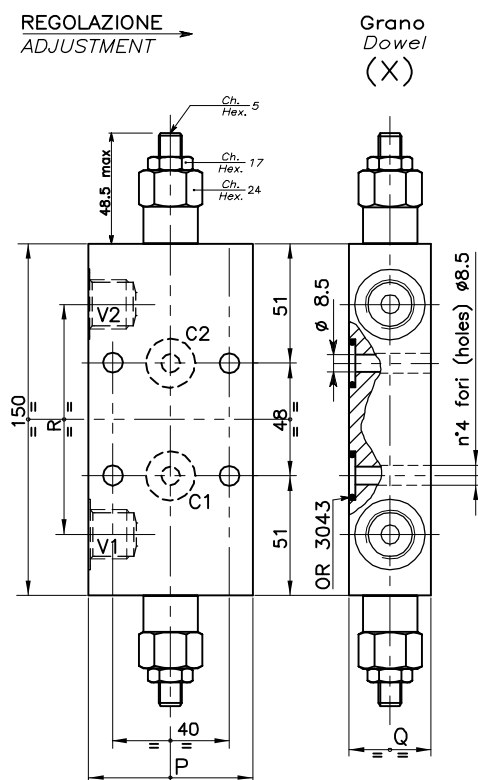
Max working pressure:

350 bar / 1.3 = 270 bar

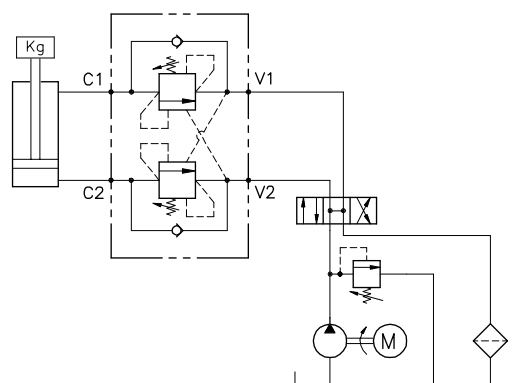


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE FLANGIATO DOUBLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



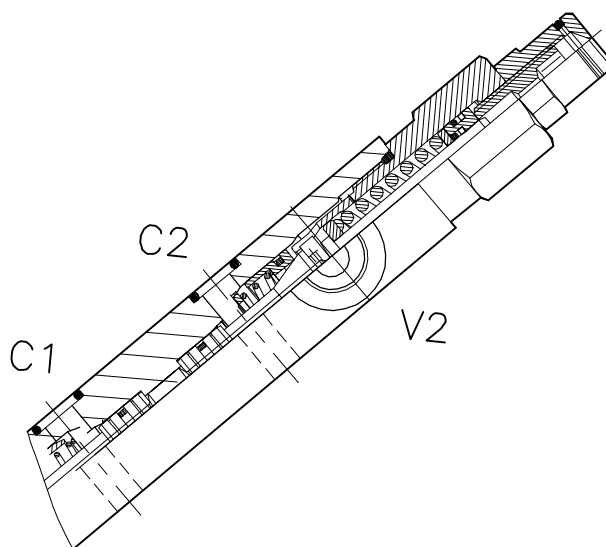
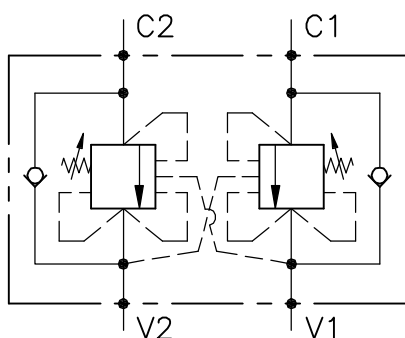
DIMENSIONI DIMENSIONS

Campo taratura Setting range	P	Q	R	Attacchi Port size V2-V1 GAS (BSPP)	Portata max Max flow-rate l/min - GPM
047 026	55	29.5	109.5	3/8"	40-10
889 680	55	29.5	112	3/8"	40-10
049 028	65	34.5	112	1/2"	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 047 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
047	026	889	680			
049	028					
Campo taratura 30÷220 bar (molla colore verde)	Campo taratura 60÷350 bar (molla colore giallo)			O 4.25 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
Setting range 30÷220 bar (green spring)	Setting range 60÷350 bar (yellow spring)			D 8 : 1	K Piombata - Sealed	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite			
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw			
180 bar	(50)	250 bar	(90)			



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 10
1/60 l/min - 0.26/15 GPM
350 bar - 5075 PSI
350 bar - 5075 PSI
4.25 : 1
-30°C + 50°C
-30°C + 80°C
30 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

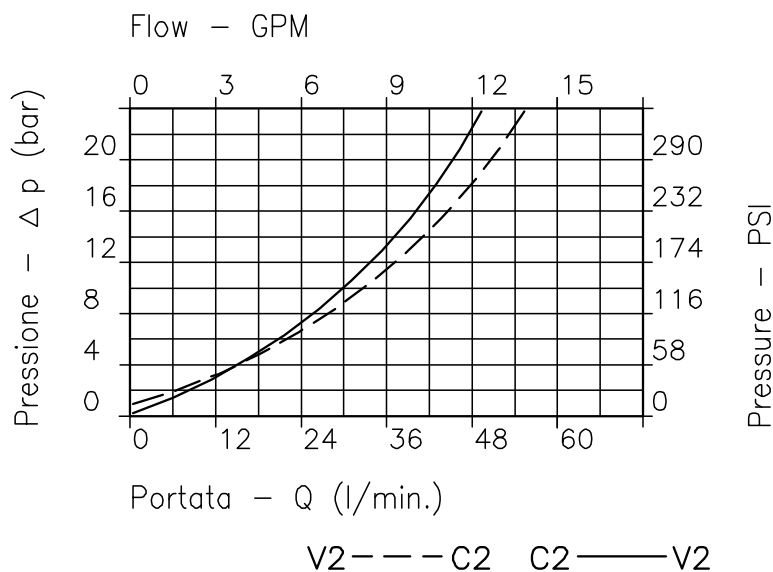
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

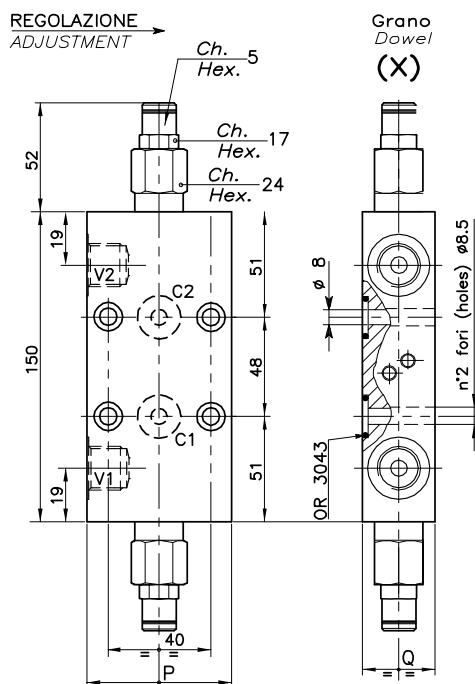
Max working pressure:

350 bar / 1.3 = 270 bar

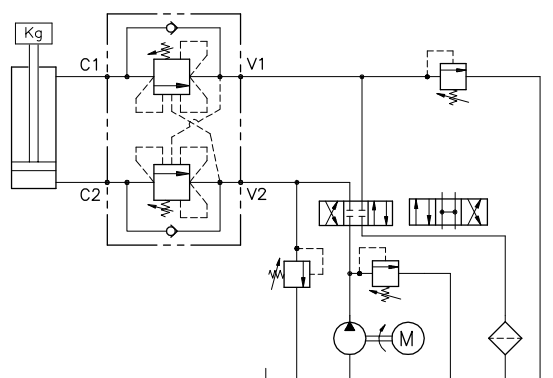


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO PER CENTRO CHIUSO, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO
DOUBLE COUNTERBALANCE VALVE FOR CLOSED CENTRE SPOOL WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



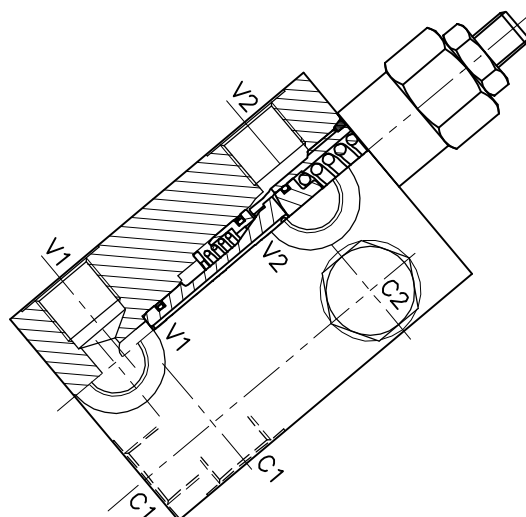
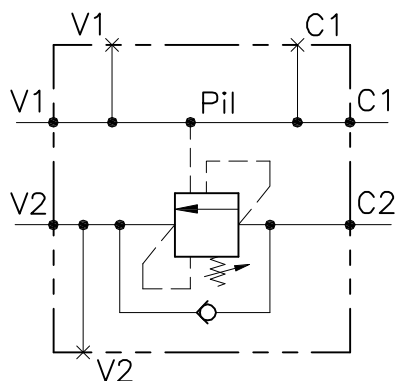
DIMENSIONI
DIMENSIONS

Campo taratura Setting range		P	Q	Attacchi Port size V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
121	120	55	29.5	3/8"	8	40-10
123	122	65	34.5	1/2"	10	60-15

CODICE DI ORDINAZIONE
HOW TO ORDER

001 . 121 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
121	120	123	122			
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore rosso) Setting range 60÷350 bar (red spring)		O 4.25 : 1 D 8 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite			
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw			
180 bar	(60)	250 bar	(140)			



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

DN 8/10

1/60 l/min - 0.26/15.9 GPM

450 bar - 6525 PSI

350 bar - 5075 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

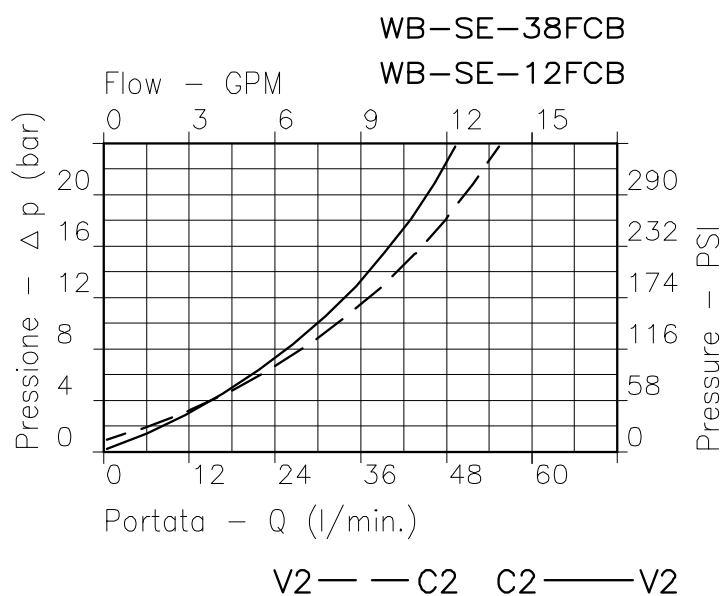
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

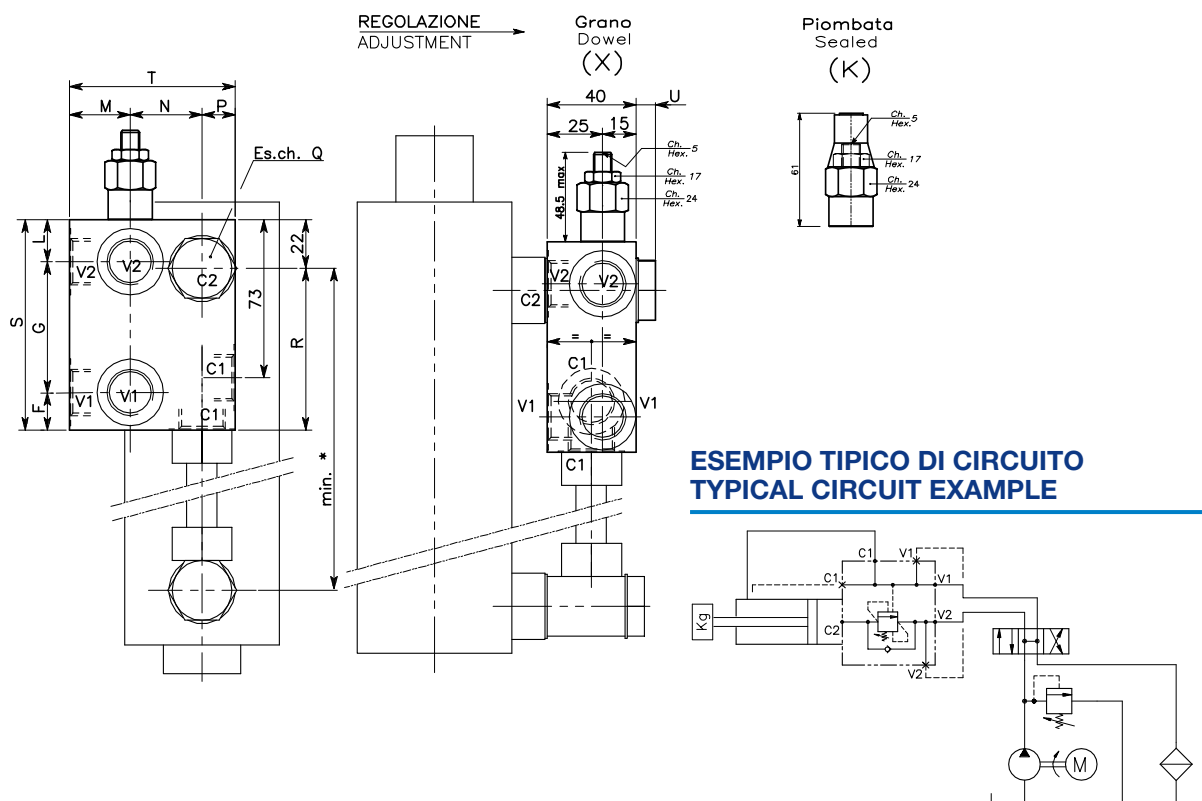
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO SINGLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY

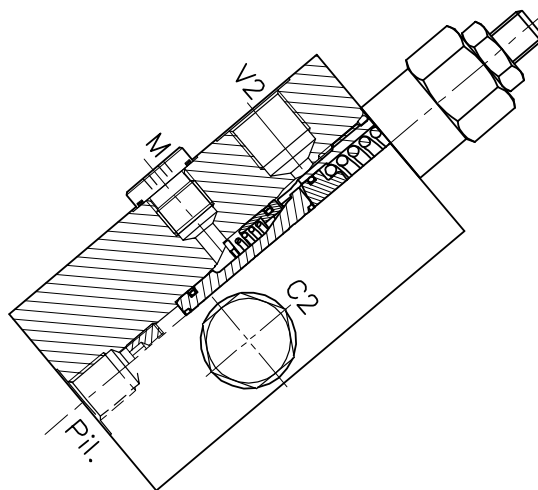
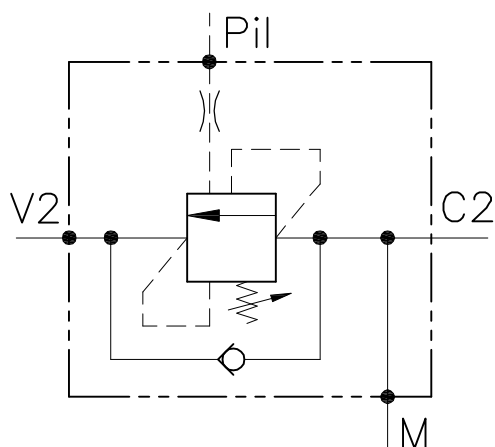


DIMENSIONI DIMENSIONS

Campo taratura Setting range	F	G	L	M	N	P	Q	R	S	T	U	V	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
284	16	53	21	25	27	13	22	68	90	65	9	11	3/8"	8	40-10
285	16	60	19	27	32	16	27	73	95	75	10	16	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 284 . 0		X		0 . A	
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
284		O 4.25 : 1		X Grano - Dowel	
285		D 8 : 1		K Piombata - Sealed	
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				Collettore Body	
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')				A Acciaio zincato Zinc plated steel	
250 bar					
Incr. press. - bar giro/vite Pressure rise - turn of screw					
(90)					
		284		Collettore possibile in AL togliendo "A" Available aluminium body without "A"	



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

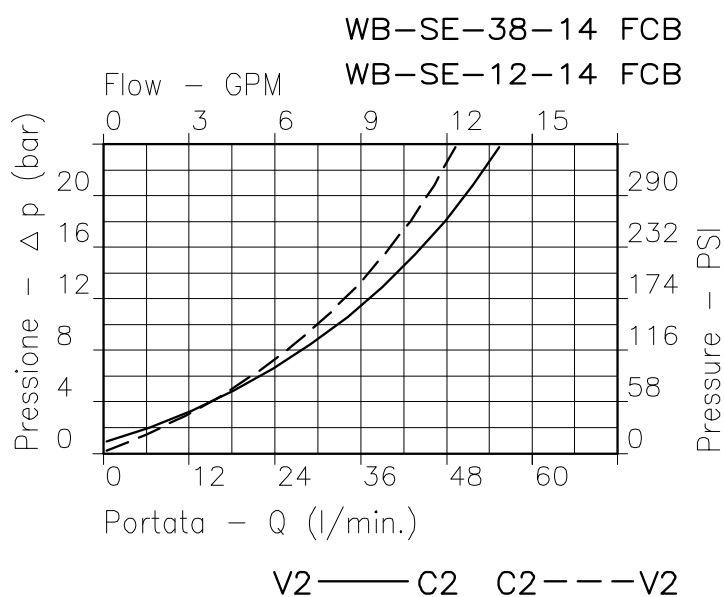
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

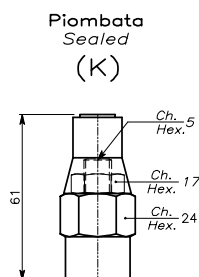
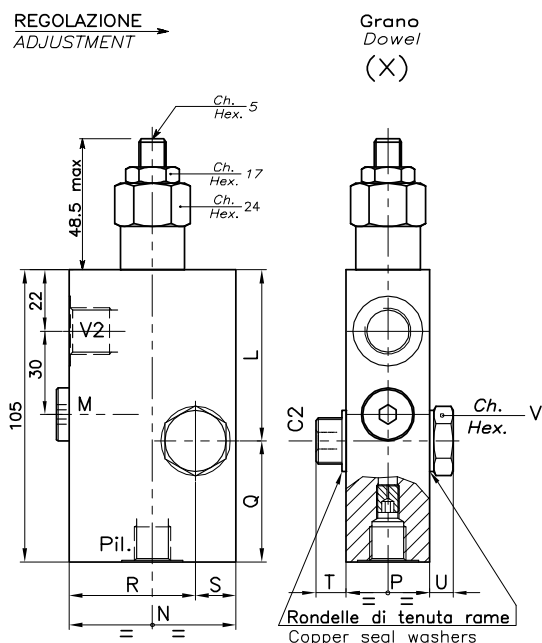
Max working pressure:

350 bar / 1.3 = 270 bar

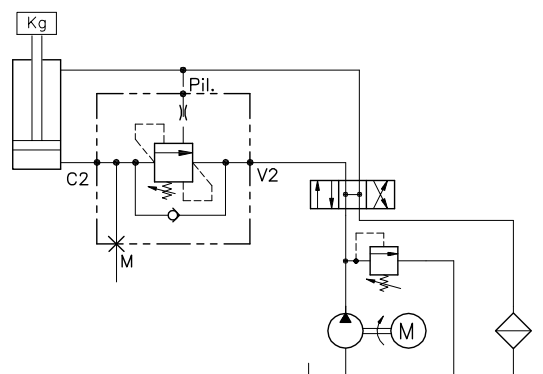


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO SINGLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

Campo taratura Setting range		L	N	P	Q	R	S	T	U	V	Attacchi Port size V2-C2 GAS (BSPP)	Attacchi Port size M-PIL GAS (BSPP)	Portata max Max flow-rate l/min - GPM
613	614	61.5	60	29.5	43,5	46	14	12	8	22	3/8"	1/4"	40-10
615	616	63	70	34.5	42	55	15	12	8	27	1/2"	1/4"	60-15

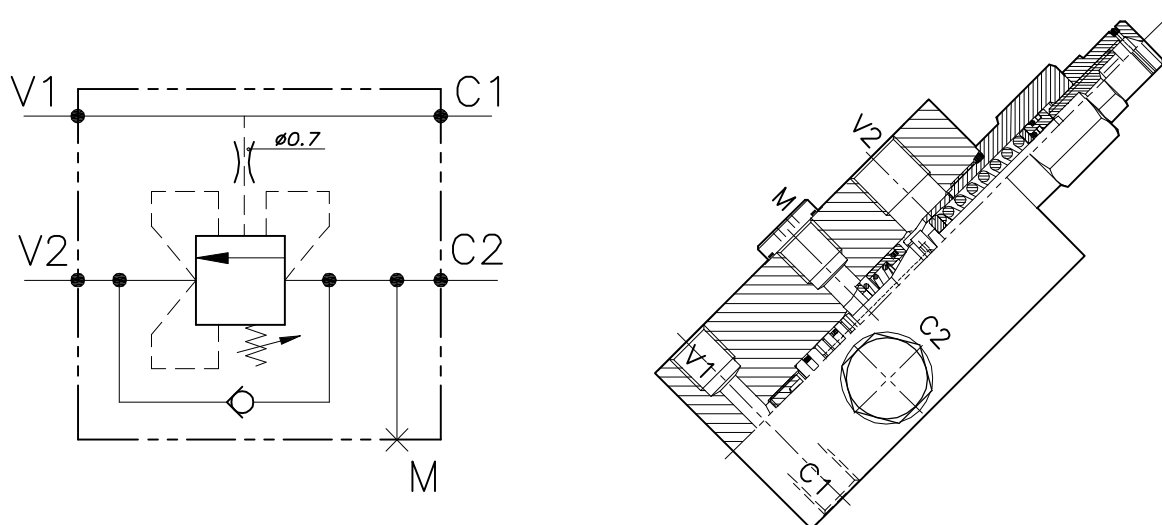
CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 613 . 0 X 0 . A

Campo taratura / Setting range			
613		614	
615		616	
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)	
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
180 bar	(50)	250 bar	(90)

Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
A Ø 0,7 mm	X Grano - Dowel	A Acciaio zincato Zinc plated steel
B Ø 1 mm	K Piombata - Sealed	
C Ø 1,2 mm		
D Senza grano Without dowel Rapp.pilot Pilot Ratio 8 : 1		
O Senza grano Without dowel		
613	Collettore possibile in AL togliendo "A"	
614	Available aluminium body without "A"	

WB-CC-SE-14-38-L-FCB



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 8
1/40 l/min - 0.26/10 GPM
450 bar - 6525 PSI
350 bar - 5075 PSI
4.25 : 1
-30°C + 50°C
-30°C + 80°C
30 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

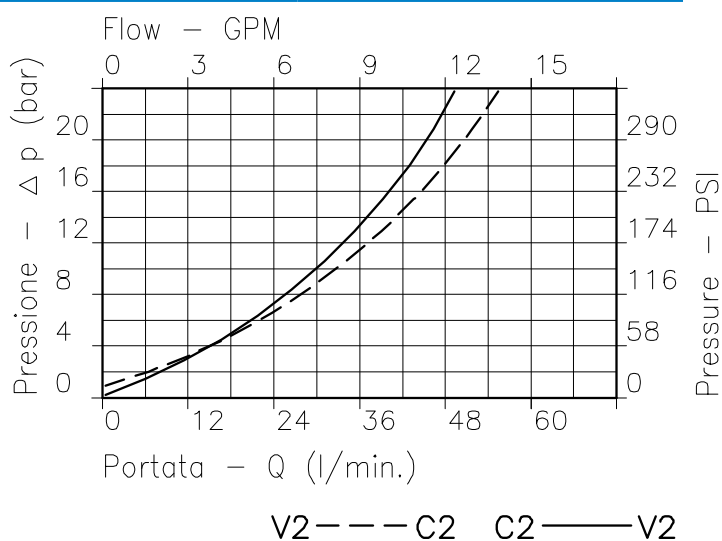
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

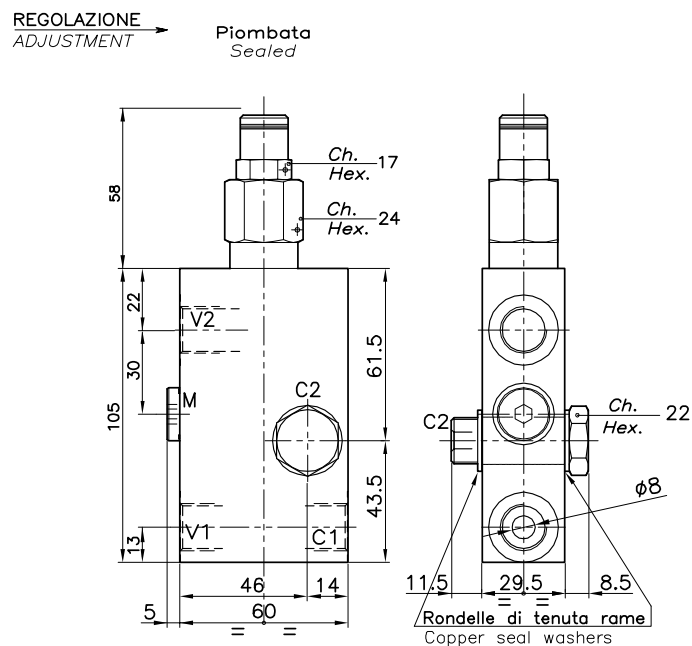
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



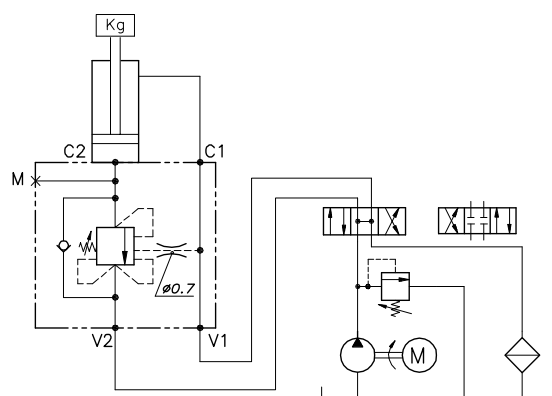
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Attacchi Port size M	Portata max Max flow-rate l/min - GPM
101	3/8"	1/4"	40-10

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

013 . 115 . 101 . A

Campo taratura / Setting range

101

Campo taratura 60÷350 bar (molla colore rosso)
Setting range 60÷350 bar (red spring)

Taratura standard (Q=5 l/1')
Std. bar setting Q=5 l/1')

250 bar

Incr. press. - bar giro/vite
Pressure rise - turn of screw

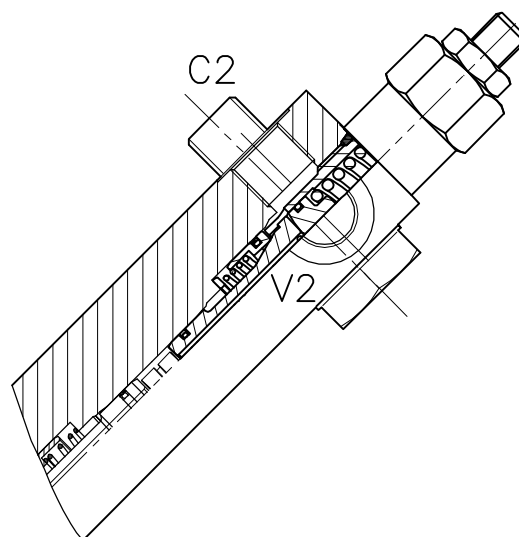
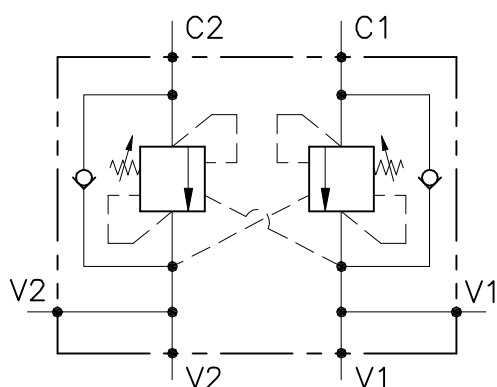
(140)

Collettore
Body

A Acciaio
zincato
Zinc plated
steel

101

Collettore possibile in AL togliendo "A"
Available aluminium body without "A"



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	450 bar - 6525 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

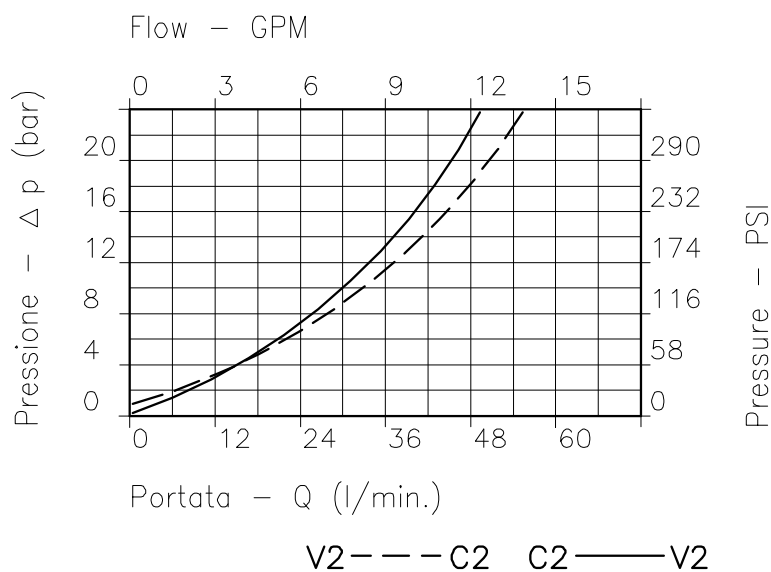
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

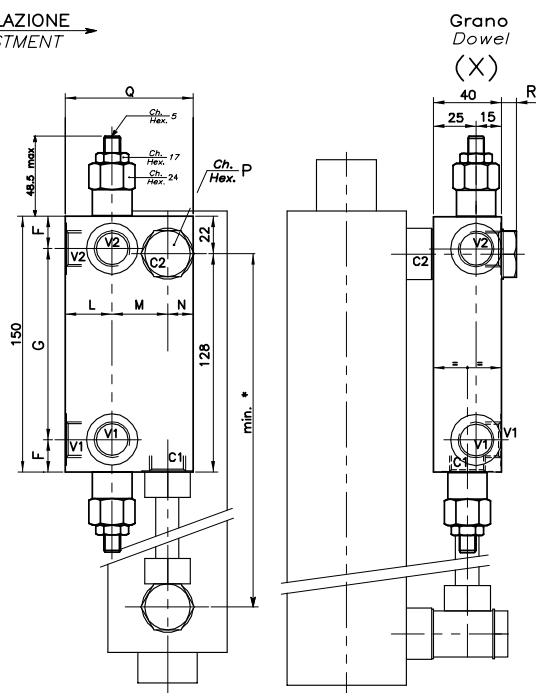
350 bar / 1.3 = 270 bar



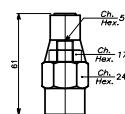
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO CON COLLETTORE FLANGIATO DOUBLE COUNTERBALANCE VALVES WITH FLANGEABLE BODY

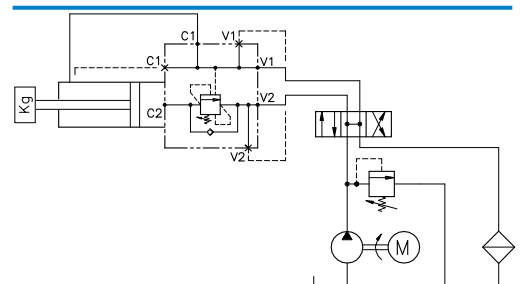
REGOLAZIONE
ADJUSTMENT



Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

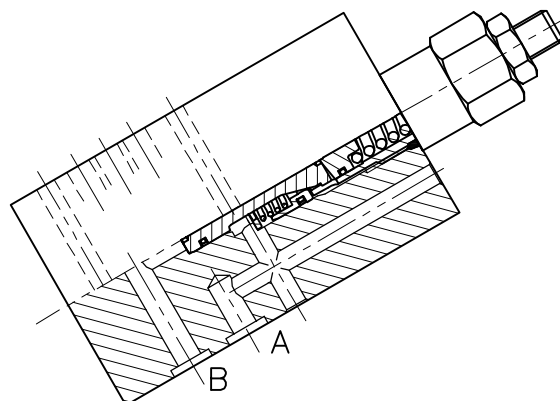
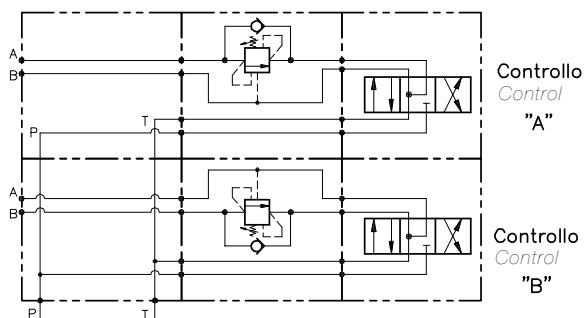


DIMENSIONI DIMENSIONS

Campo taratura Setting range	F	G	L	M	N	P	Q	R	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Coppia serr. Bullone Tightening torque for Bolt NM	Portata max Max flow-rate l/min - GPM
288	21	108	25	27	13	22	65	9	3/8"	63÷71	40-10
289	19	112	27	32	16	27	72	10	1/2"	75÷85	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 288 . 0		X		0 . A	
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
288		O 4.25 : 1		X Grano - Dowel	
289		D 8 : 1		K Piombata - Sealed	
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				Collettore Body	
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')				A Acciaio zincato Zinc plated steel	
250 bar					
Incr. press. - bar giro/vite Pressure rise - turn of screw					
(90)					
		288		Collettore possibile in AL togliendo "A" Available aluminium body without "A"	



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

Peso

DN 6

1/50 l/min - 0.26/12.5 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Weight

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

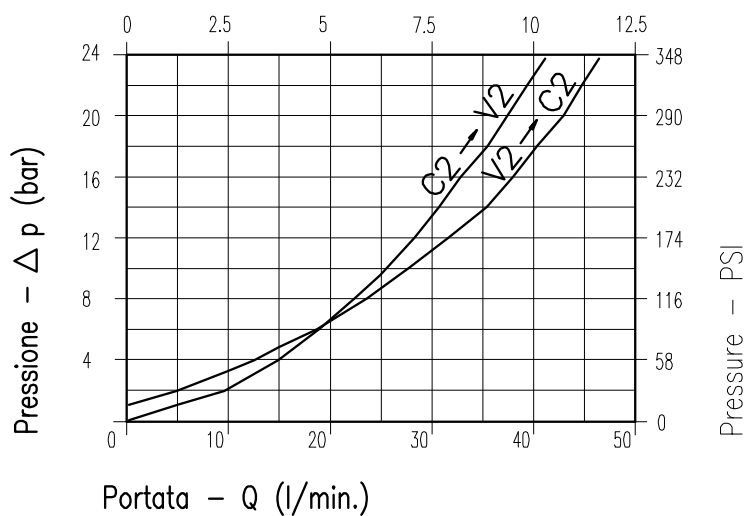
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar

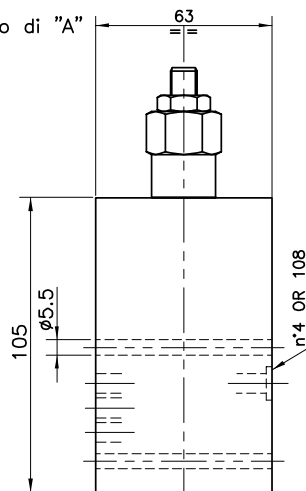


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO DISCESA A SEMPLICE EFFETTO CON MONTAGGIO CETOP SINGLE COUNTERBALANCE WITH SANDWICH INSTALLATION (CETOP)

REGOLAZIONE
ADJUSTMENT

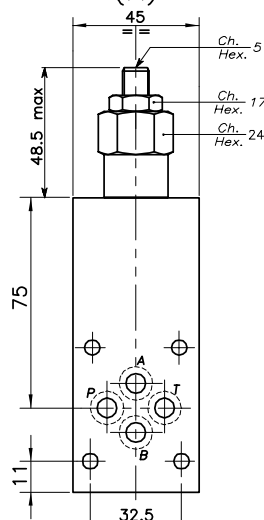
Controllo di "A"



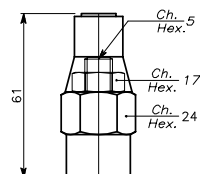
Controllo di "B"



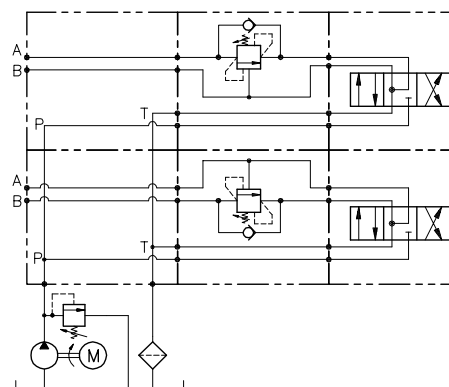
Grano
Dowel
(X)



Piombata
Sealed
(K)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



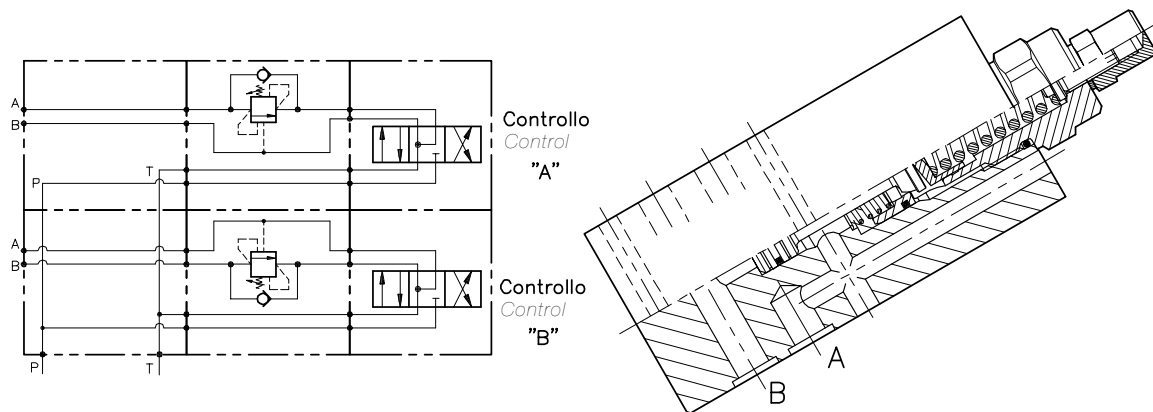
DIMENSIONI DIMENSIONS

Campo taratura Setting range		Tipo flangia Flange type	Portata max Max flow-rate l/min - GPM	Controllo Control
229	228	CETOP 03	50-12.5	A
231	230	CETOP 03	50-12.5	B

CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 229 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment		Collettore Body	
229		228			O 4.25 : 1 D 8 : 1	X Grano - Dowel K Piombata - Sealed	A Acciaio zincato Zinc plated steel	
231		230						
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore giallo)						
Setting range 30÷220 bar (green spring)		Setting range 60÷350 bar (yellow spring)						
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite					
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw					
180 bar	(50)	250 bar	(90)					



CARATTERISTICHE

Luce nominale	DN 8/10
Portata min/max	1/90 l/min - 0.26/24 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	6.2 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

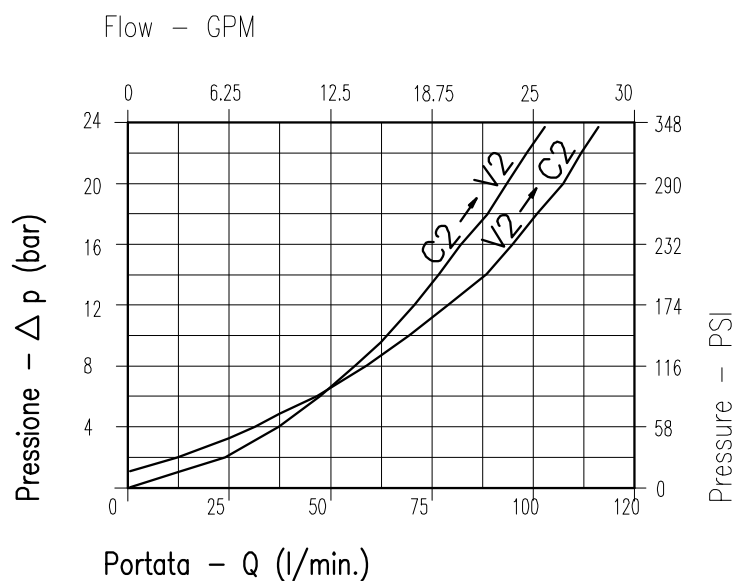
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

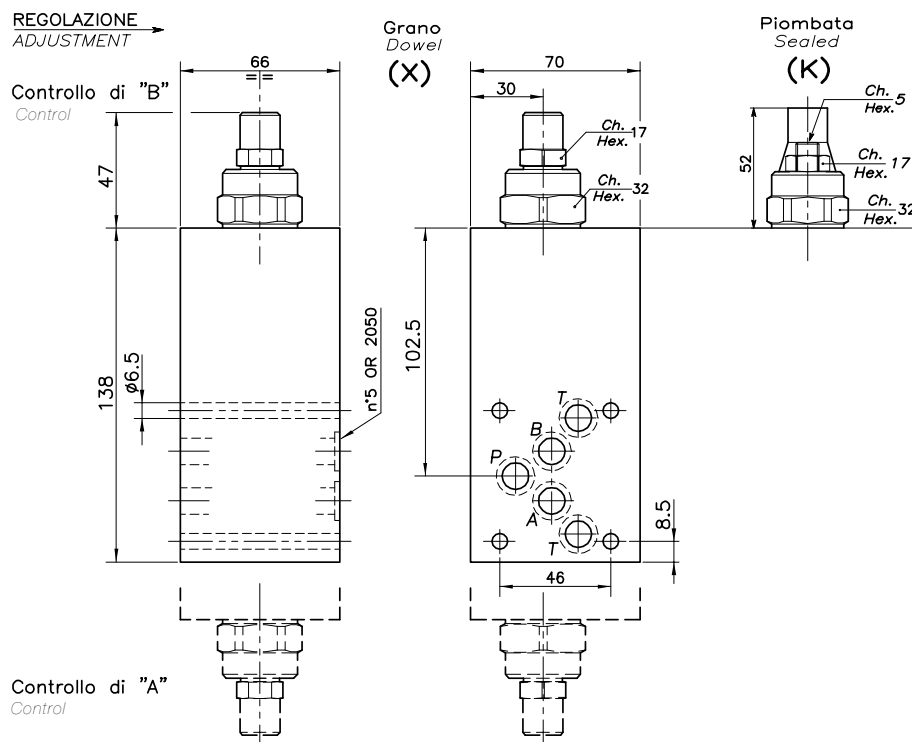
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

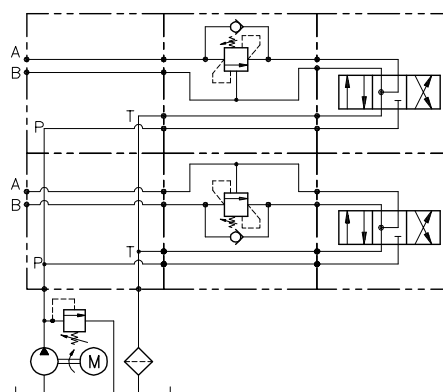
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO DISCESA A SEMPLICE EFFETTO CON MONTAGGIO CETOP SINGLE COUNTERBALANCE WITH SANDWICH INSTALLATION (CETOP)



DIMENSIONI DIMENSIONS

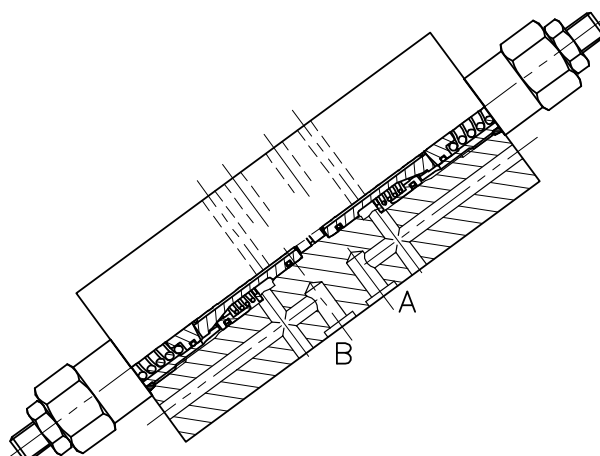
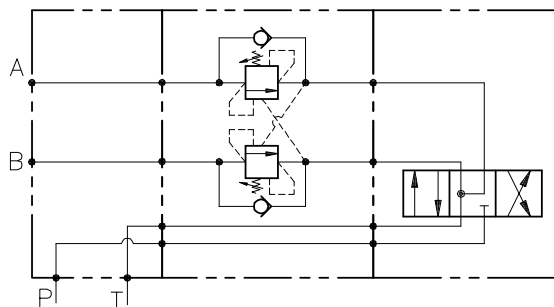
Campo taratura Setting range	Tipo flangia Flange type	Portata max Max flow-rate l/min - GPM	Controllo Control
483	CETOP 05	90-24	A
484	CETOP 05	90-24	B

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

001 . 483 . 0		X	0 . A
Campo taratura / Setting range			
483			
484			
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)			
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw		
250 bar	(125)		
		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment
		O 6.2 : 1	X Grano - Dowel K Piombata - Sealed
			Collettore Body
			A Acciaio zincato Zinc plated steel



CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/50 l/min - 0.26/12.5 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

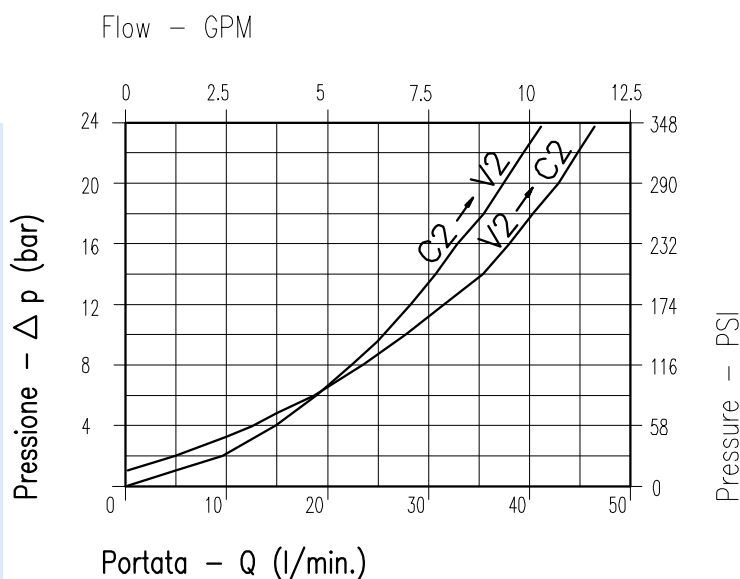
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

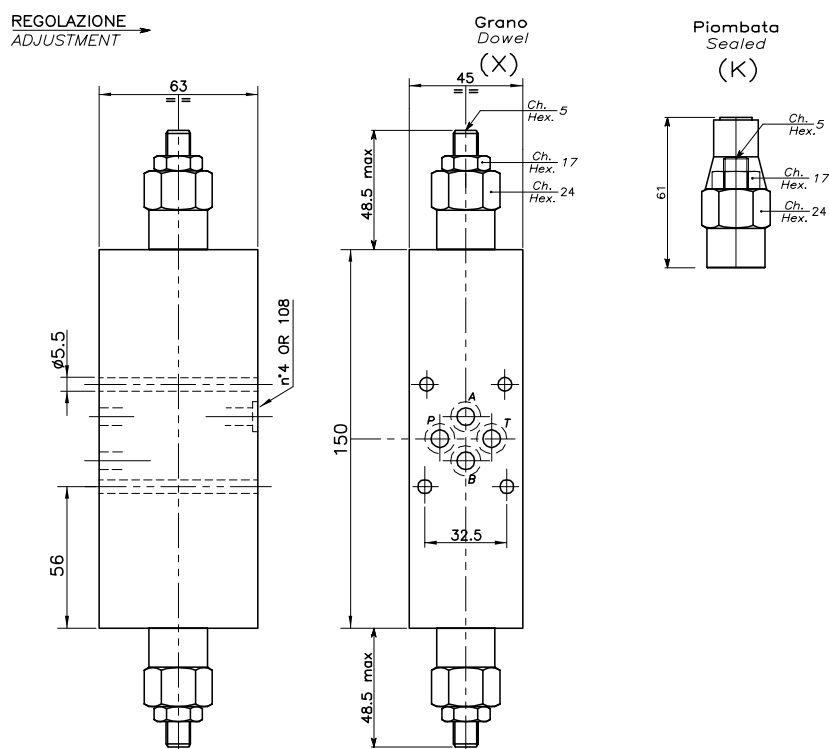
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

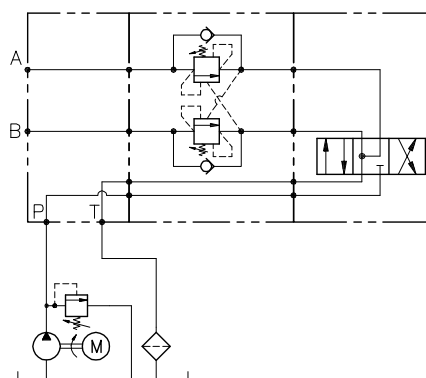
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO DISCESA A DOPPIO EFFETTO CON MONTAGGIO CETOP DOUBLE COUNTERBALANCE WITH SANDWICH INSTALLATION (CETOP)



DIMENSIONI DIMENSIONS

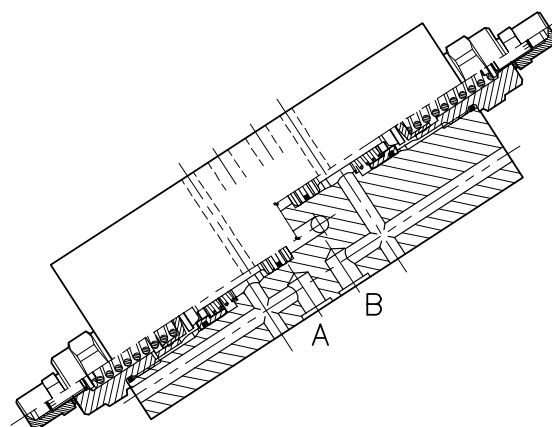
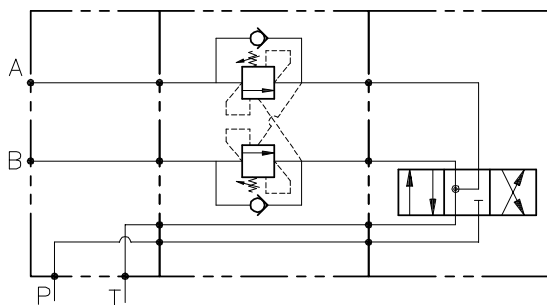
Campo taratura Setting range	Tipo flangia Flange type	Portata max Max flow-rate l/min - GPM
226	CETOP 03	50-12.5

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 226 . 0		X	0 . A	
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
226		O 4.25 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		K Piombata - Sealed		
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw			
250 bar	(90)			
226		Collettore possibile in AL togliendo "A" Available aluminium body without "A"		



CARATTERISTICHE

Luce nominale	DN 12
Portata min/max	1/90 l/min - 0.26/24 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	6.2 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

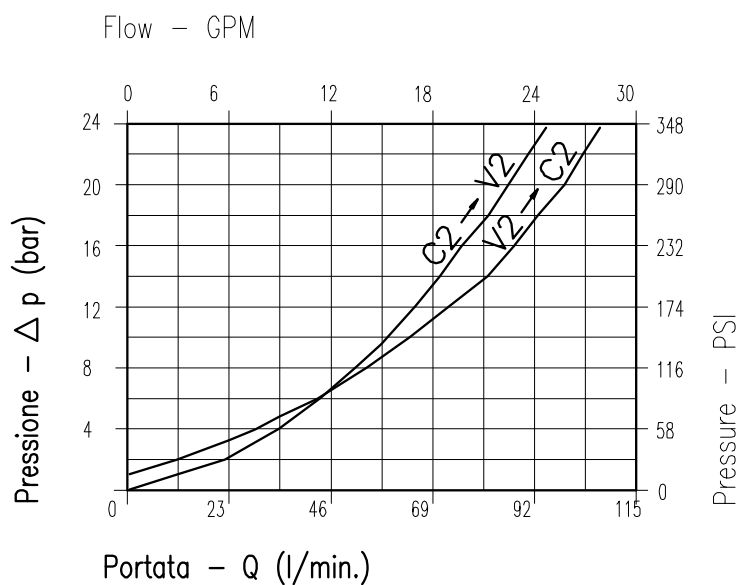
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

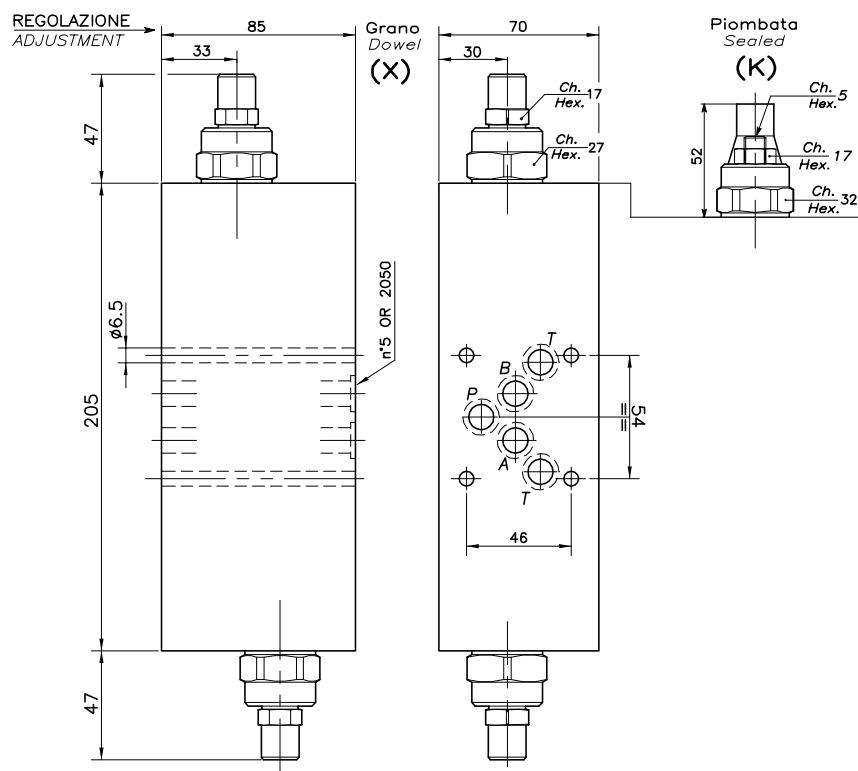
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

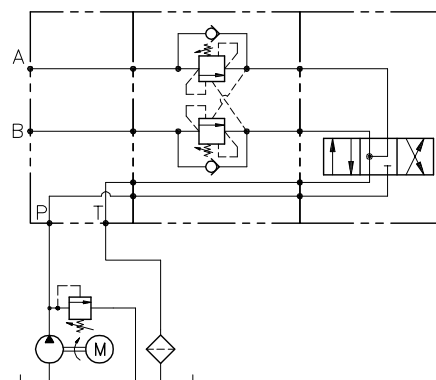
VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO DISCESA A DOPPIO EFFETTO CON MONTAGGIO CETOP DOUBLE COUNTERBALANCE WITH SANDWICH INSTALLATION (CETOP)



DIMENSIONI DIMENSIONS

Campo taratura Setting range	Tipo flangia Flange type	Portata max Max flow-rate l/min - GPM
292	CETOP 05	90-24

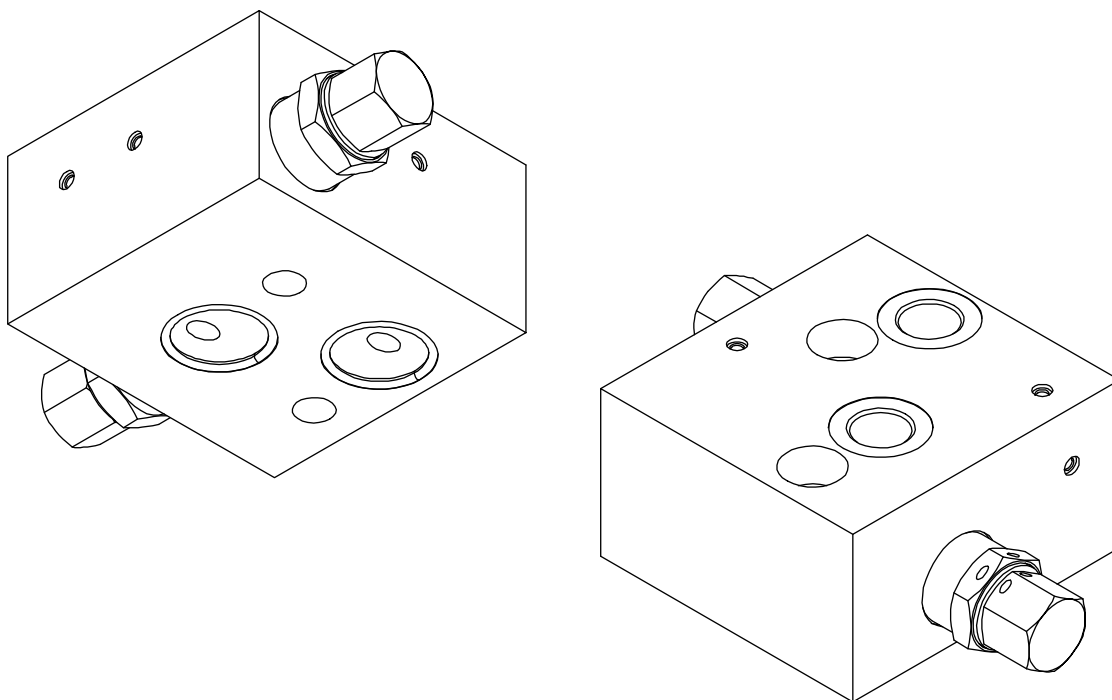
ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

001 . 292 . 0		X	0 . A	
Campo taratura / Setting range 292		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		O 6.2 : 1	X Grano - Dowel K Piombata - Sealed	A Acciaio zincato Zinc plated steel
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1') 250 bar	Incr. press. - bar giro/vite Pressure rise - turn of screw (125)			

OWC30-DE-HPR-38-10

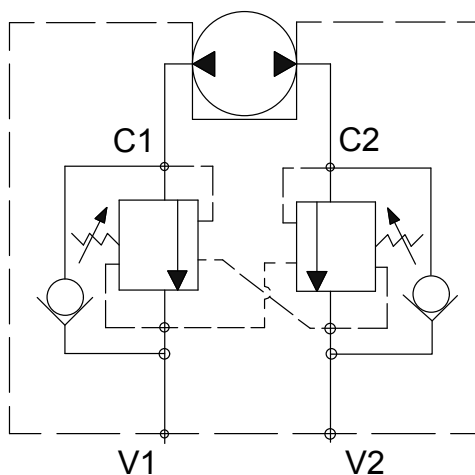


CARATTERISTICHE

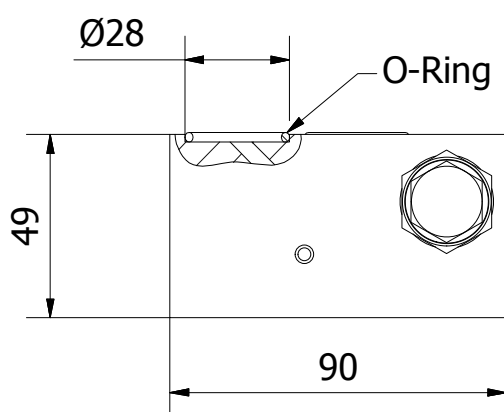
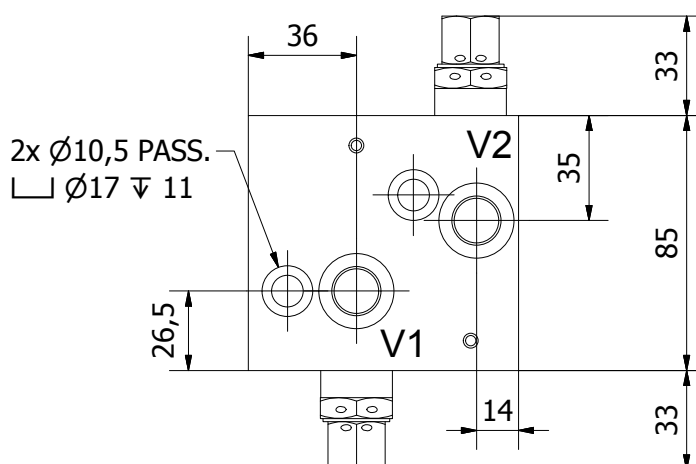
Pressione max.	250 bar
Portata max	25 l/min
Campo taratura	30-220 bar
Rapporto di pilotaggio standard	10:1
Collettorein in alluminio	
Peso	1,200 kg

PERFORMANCE

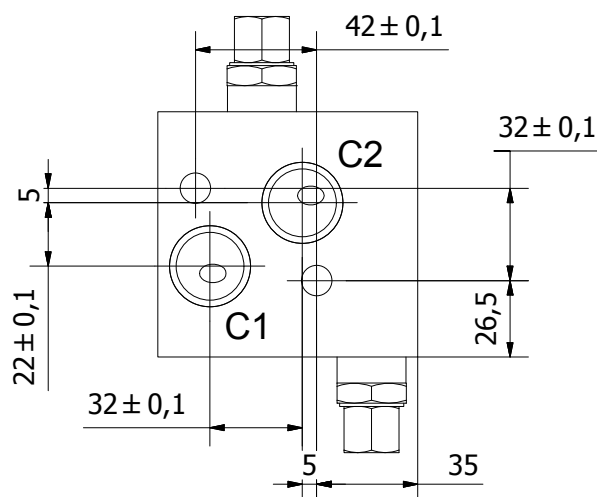
Max pressure
Max flow-rate
Setting range
Standard pilot ratio
Aluminium body
Weight



VALVOLA OVERCENTER A DOPPIO EFFETTO FLANGIATA MOTORE 30x22
DOUBLE COUNTERBALANCE MOTOR FLANGEABLE VALVE 32X22

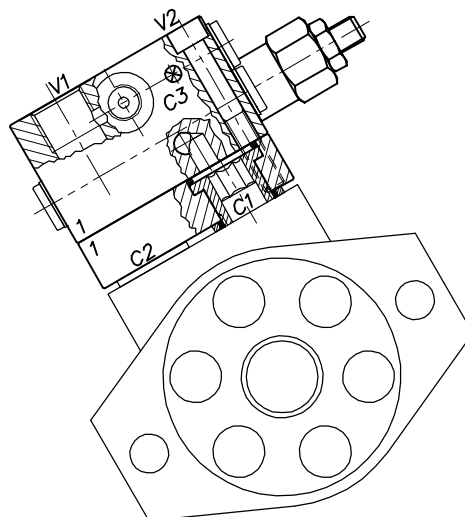
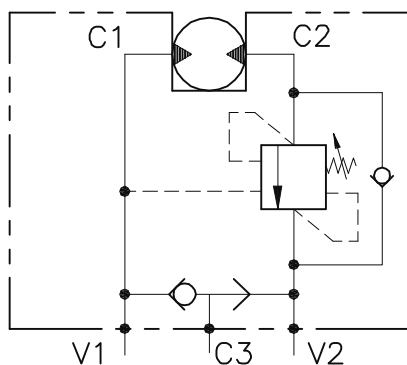


ATTACCHI PORT SIZE	
V1-V2	C1-C2
GAS (bspp) 3/8"	HPR OMS



CODICE DI ORDINAZIONE
HOW TO ORDER

021 . 431 . 1 0 2



CARATTERISTICHE

Luce nominale	DN 12
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	4.25 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	110÷115 Nm
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

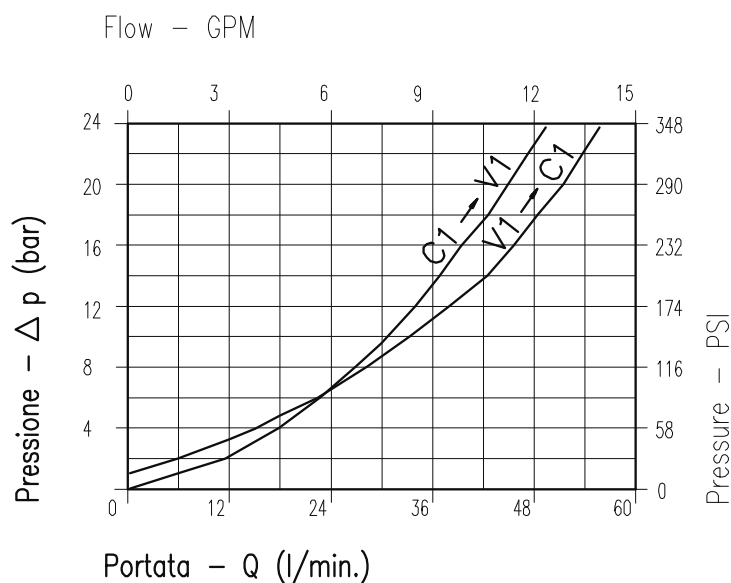
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

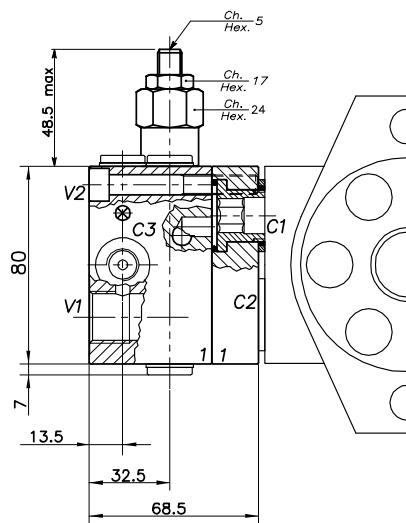
350 bar / 1.3 = 270 bar



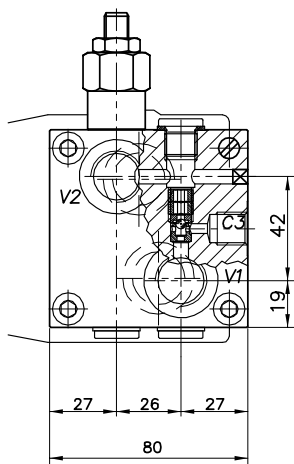
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO FLANGIATA MOTORE SINGLE COUNTERBALANCE MOTOR FLANGEABLE VALVE

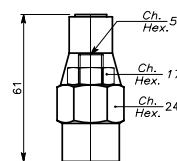
REGOLAZIONE
ADJUSTMENT



Grano
Dowel
(X)



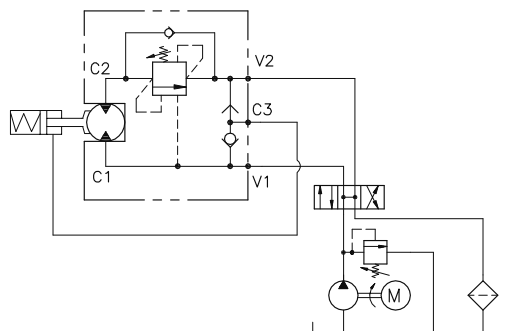
Piombata
Sealed
(K)



DIMENSIONI DIMENSIONS

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

Campo taratura Setting range		Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type	
533	126	1/2"	1/4"	Samhydraulik HPR-HPRC Danfoss OMS (32x2)	FOMS - HPR
534		1/2"	1/4"	Olidrive (32x22)	FOLD
535		1/2"	1/4"	Danfoss OMR-OMP (36x36)	FOMR - OMP
545		1/2"	1/4"	TRW MAC/MAF (45,7)	FTRW
618	668	1/2"	1/4"	Samhydraulik AG-BG-AR (40x8)	FSH

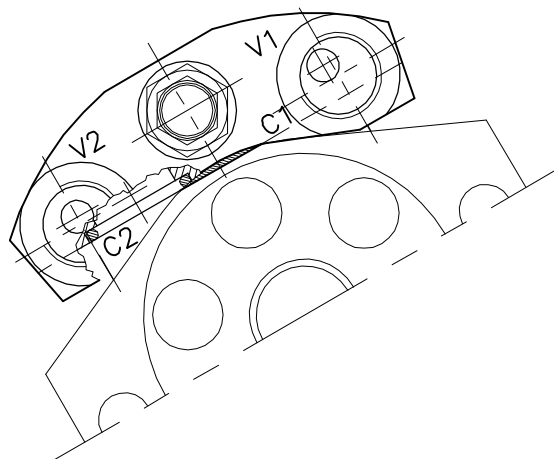
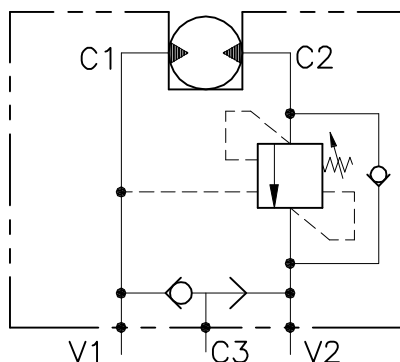


CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 533 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment		Collettore Body	
533		126		O	4.25 : 1	X	Grano - Dowel	A	Acciaio zincato Zinc plated steel
534				D	8 : 1	K	Piombata - Sealed		
535									
545									
618		668							
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)				Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)					
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite			Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite				
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw			Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
180 bar	(50)			250 bar	(90)				

OWC-SE-12-FMD-G-...



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 10

1/60 l/min - 0.26/15.9 GPM

350 bar - 5075 PSI

220 bar - 3190 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

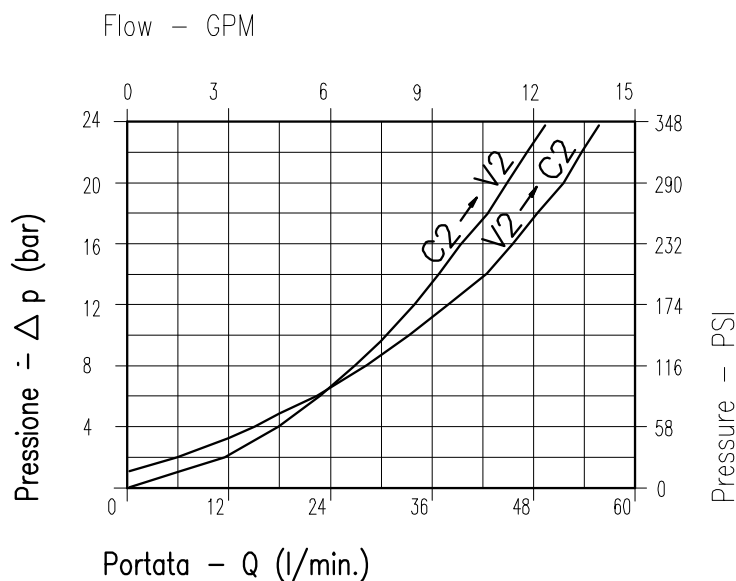
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

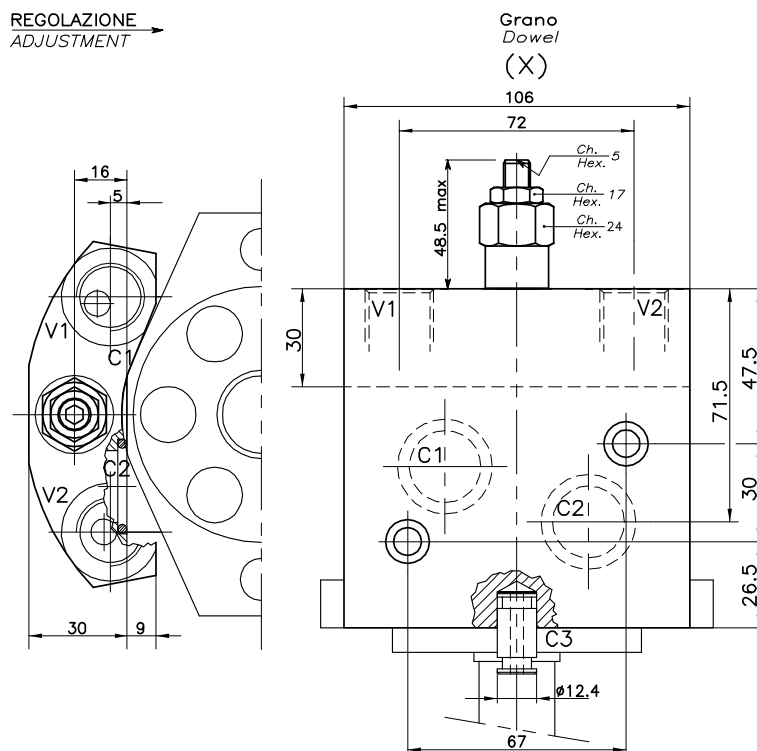
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

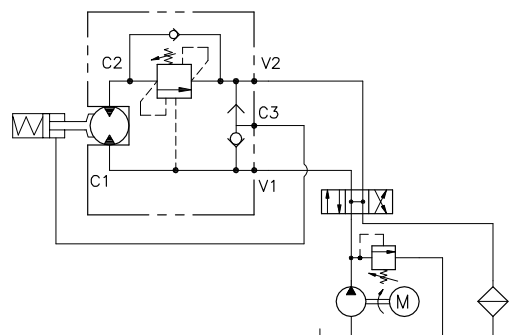
VALVOLA BILANCIAMENTO BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO FLANGIATA MOTORE SINGLE COUNTERBALANCE MOTOR FLANGEABLE VALVE



DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi Port size V1-C1 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type Oildrive (44x17)	Portata max Max flow-rate l/min - GPM
202	1/2"	Ø12		60-15

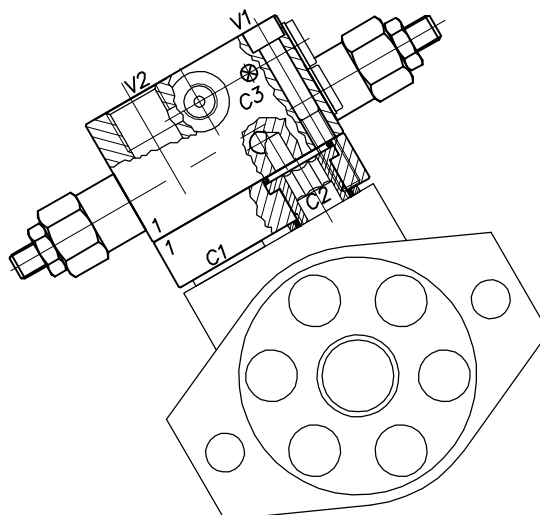
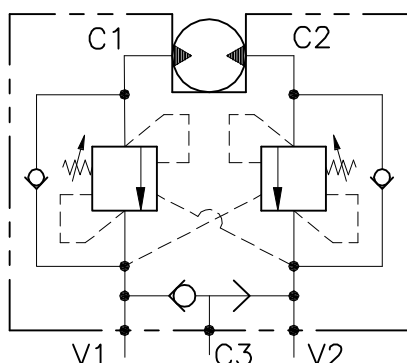
ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 202 . 0 X 0	
Campo taratura / Setting range 202	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)	
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 180 bar	Incr. press. - bar giro/vite Pressure rise - turn of screw (50)
Rapporto di pilotaggio Pilot ratios O 4.25 : 1	Regolazione Adjustment X Grano - Dowel

WB-M-DE-VFF-...-12-14-...



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 10

1/60 l/min - 0.26/15.9 GPM

350 bar - 5075 PSI

220 bar - 3190 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

70÷80 Nm

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

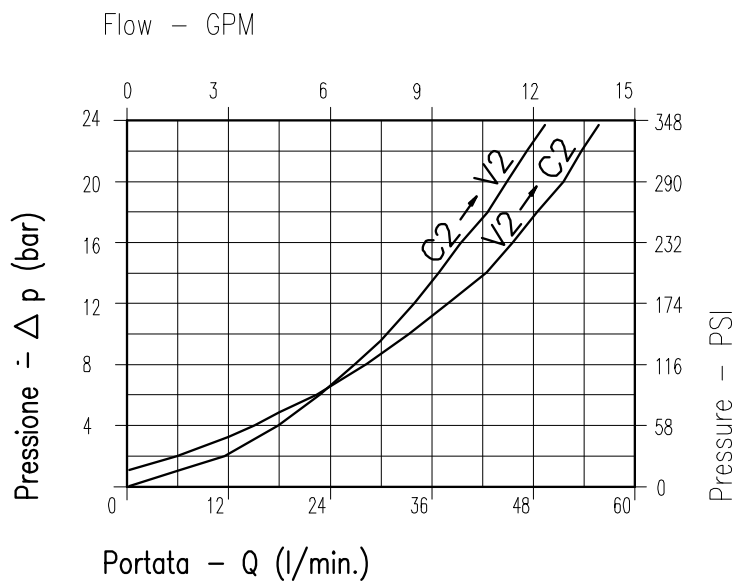
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

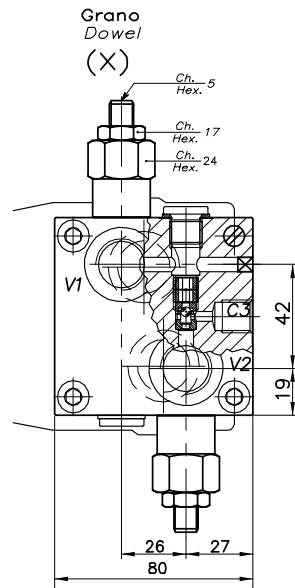
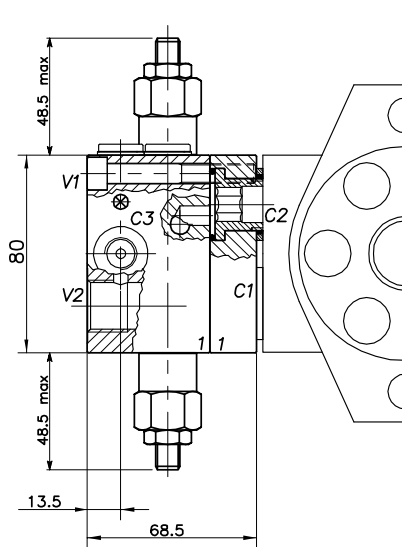
Max working pressure:

350 bar / 1.3 = 270 bar

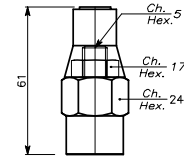


VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO FLANGIATA MOTORE DOUBLE COUNTERBALANCE MOTOR FLANGEABLE VALVE

REGOLAZIONE
ADJUSTMENT →



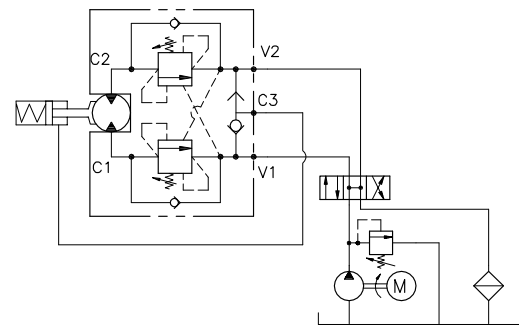
Piombata
Sealed
(K)



DIMENSIONI DIMENSIONS

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

Campo taratura Setting range	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type
436	1/2"	1/4"	Samhydraulik AG-BG-AR (40x8)
437	1/2"	1/4"	Olidrive (44x17)
438	1/2"	1/4"	Samhydraulik HPR-HPRC Danfoss OMS (32x22)
439	1/2"	1/4"	Danfoss OMR-OMP (36x36)
656	1/2"	1/4"	Char Lynn (45,7) TRW MAC/MAF



CODICE DI ORDINAZIONE HOW TO ORDER

N01 . 436 . 0 X 0 . A

Campo taratura / Setting range
436
437
438
439
656

Campo taratura 30÷220 bar (molla colore verde)
Setting range 30÷220 bar (green spring)

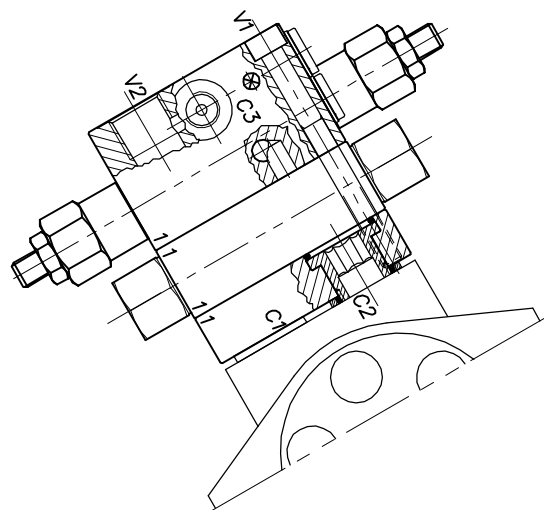
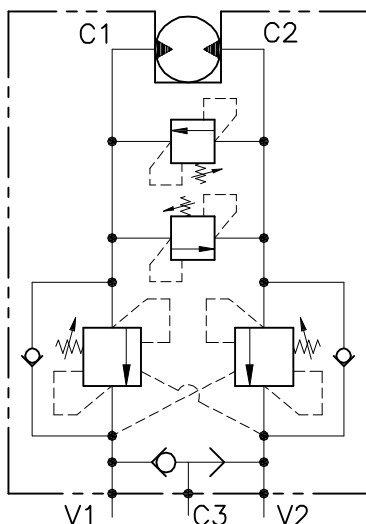
Taratura standard
(Q=5 l/1')
Std. bar setting
(Q=5 l/1')
180 bar

Incr. press. -
bar giro/vite
Pressure rise -
turn of screw
(50)

Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
O 4.25 : 1 D 8 : 1	X Grano - Dowel K Piombata - Sealed	A Acciaio zincato Zinc plated steel

436	Collettore possibile in AL togliendo "A" Available aluminium body without "A"
437	
438	
439	
656	

WB-M-DE-VFF-...-12-14-...



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 10

1/60 l/min - 0.26/15.9 GPM

350 bar - 5075 PSI

220 bar - 3190 PSI

4.25 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

110÷115 Nm

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

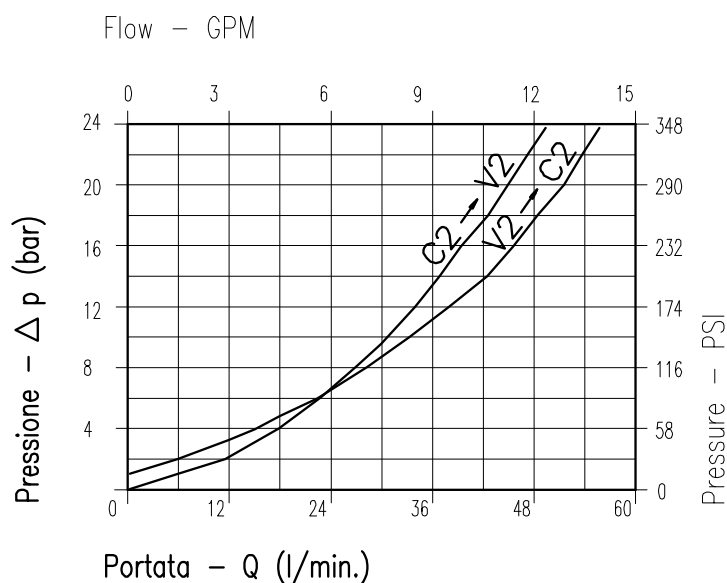
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

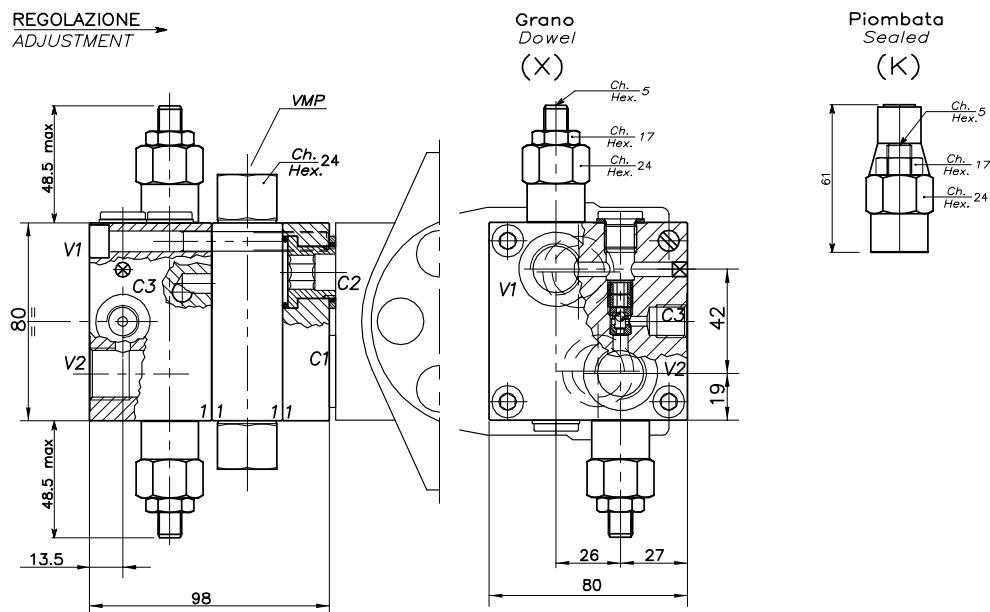
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

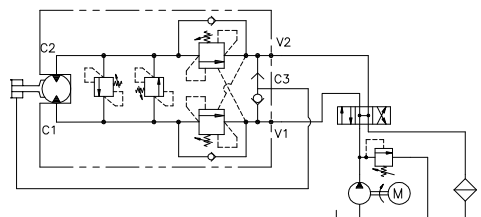
**VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO
A DOPPIO EFFETTO FLANGIATA MOTORE CON VALVOLE DI MASSIMA
DOUBLE COUNTERBALANCE MOTOR FLANGEABLE VALVE WITH RELIEF VALVES**



**DIMENSIONI
DIMENSIONS**

**ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE**

Campo taratura Setting range	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo motore Motor type	
440	1/2"	1/4"	Samhydraulik AG-BG-AR (40x8)	FSH
441	1/2"	1/4"	Olidrive (44x17)	FOLD
442	1/2"	1/4"	Samhydraulik HPR-HPRC Danfoss OMS (32x22)	FOMS
443	1/2"	1/4"	Danfoss OMR-OMP (36x36)	FOMR-OMP

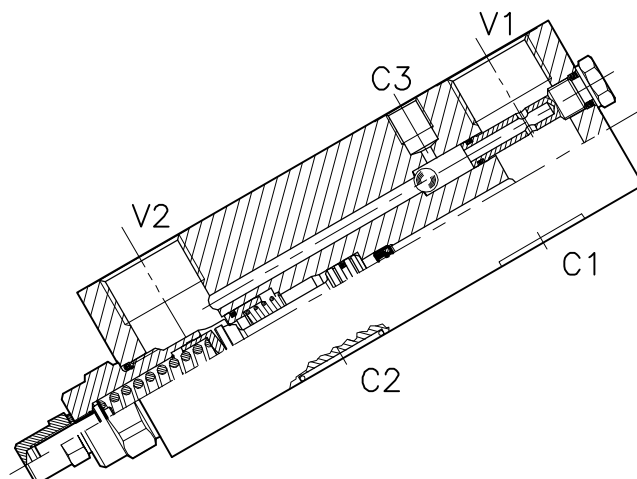
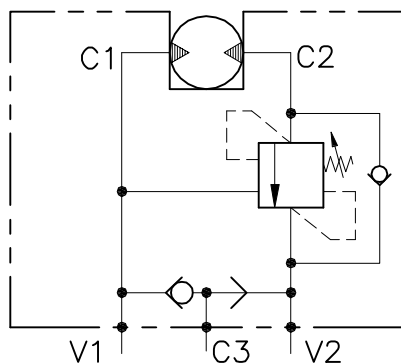


**CODICE DI ORDINAZIONE
HOW TO ORDER**

N01 . 440 . 0 X 0 . A

Campo taratura / Setting range				Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment		Collettore Body	
WB)	440	(VMP)		O	4.25 : 1	X	Grano - Dowel	A	Acciaio zincato Zinc plated steel
WB)	441	(VMP)		D	8 : 1	K	Piombata - Sealed		
WB)	442	(VMP)							
WB)	443	(VMP)							
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)							
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite						
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw						
180 bar	(50)	250 bar	(90)						
				442	Collettore possibile in AL togliendo "A"				
				443					
				440					
				441					

OWC-SE-VFF-...-14-FMV2-...



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione max. di picco
Pressione max. di taratura
Rapporto di pilotaggio standard
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Coppia di serraggio
Peso

DN 15
1/180 l/min - 0.26/47 GPM
350 bar - 5075 PSI
350 bar - 5075 PSI
6.2 : 1
-30°C + 50°C
-30°C + 80°C
30 micron

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

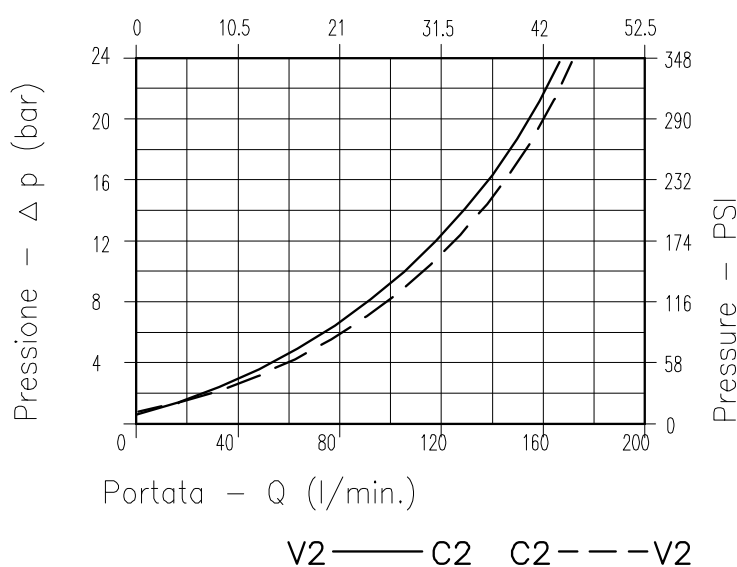
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

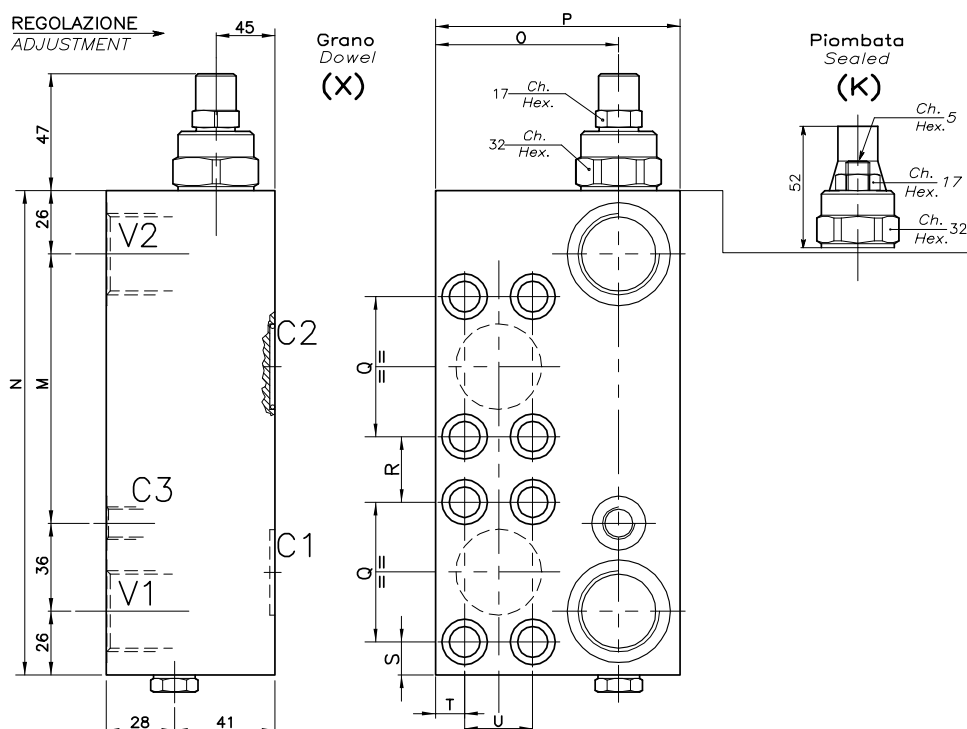
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO BLOCCO E CONTROLLO MOVIMENTO A SEMPLICE EFFETTO FLANGIATA MOTORE SINGLE COUNTERBALANCE MOTOR FLANGEABLE VALVE



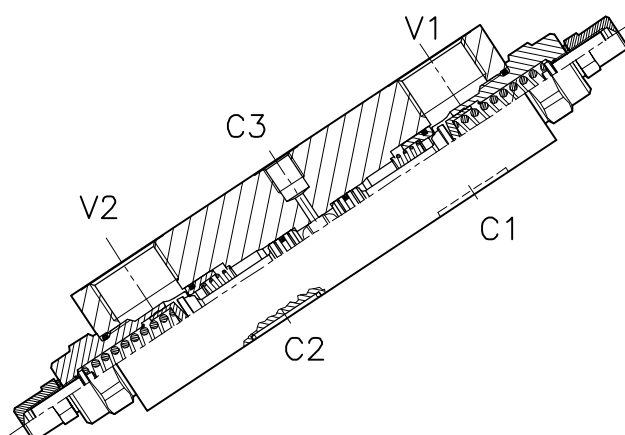
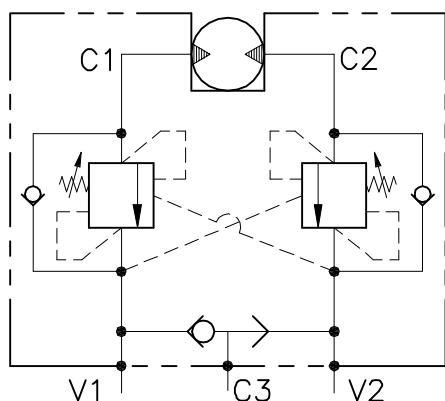
DIMENSIONI DIMENSIONS

Campo taratura Setting range	M	N	O	P	Q	R	S	T	U	Attacchi Port size C1-C2	Attacchi Port size V1-V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo Motore Motor type
564	110	198	75	100	57.2	26.8	13.4	12	27.8	Ø 15	1"	1/4"	H1CR 90-108 HMT (84)
565	95	183	65	90	50.8	24.2	11	13	23.8	Ø 15	3/4"	1/4"	H1CR 45-55-75 HMT (75)
566	67	155	55	80	40.6	18.4	9	9	18.2	Ø 15	1/2"	1/4"	H1CR 20-30 HMT (59)

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 564 . 0	X	0 . A	
Campo taratura / Setting range	Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
564	O 6.2 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
565	G 4.1 : 1	K Piombata - Sealed	
566			
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)			
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw		
250 bar	(125)		

OWC-DE-VFF-...-14-FMV2-...



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di picco

Pressione max. di taratura

Rapporto di pilotaggio standard

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 15

1/180 l/min - 0.26/47 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

6.2 : 1

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

Room temperature

Oil temperature

Recommended filtration

Tightening torque

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

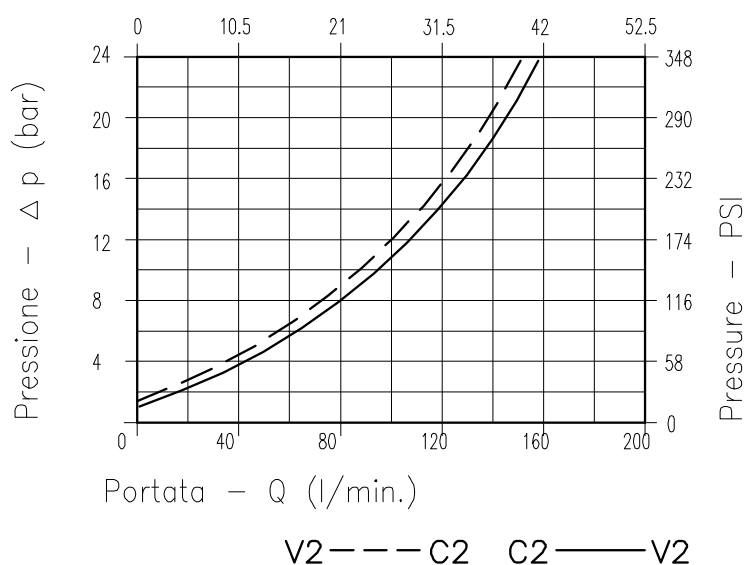
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

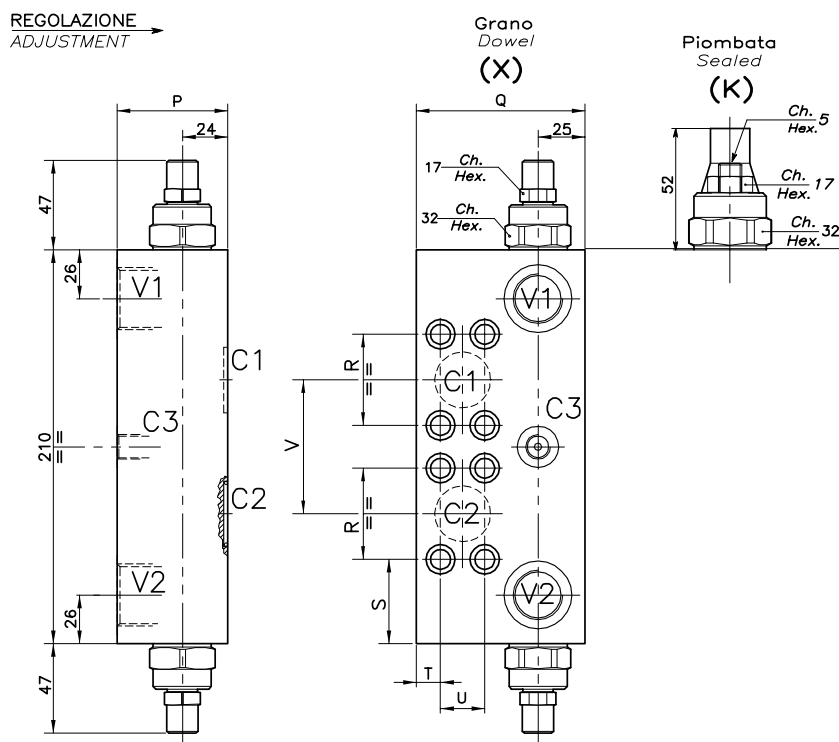
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO FLANGIATA MOTORE DOUBLE COUNTERBALANCE MOTOR FLANGEABLE VALVE



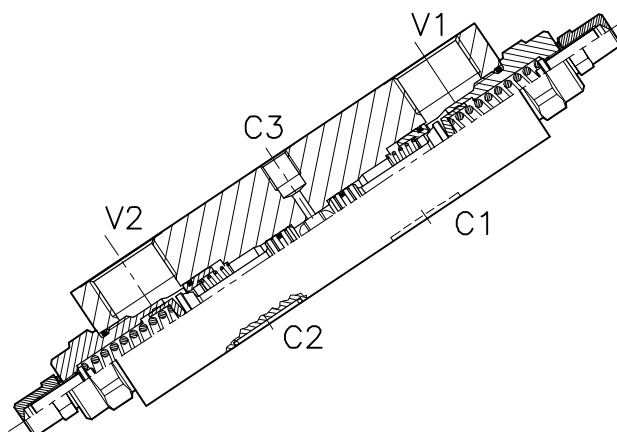
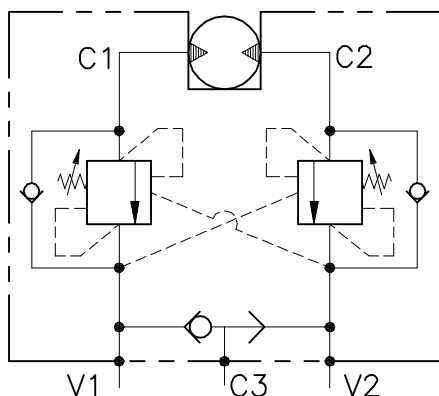
DIMENSIONI DIMENSIONS

Campo taratura Setting range	P	Q	R	S	T	U	V	Attacchi Port size C1-C2	Attacchi Port size V1-V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo Motore Motor type	Portata max Max flow-rate l/min - GPM
094	69	100	57.2	34.4	12	27.8	84	Ø 15	1"	1/4"	H1CR 90-108 HMT (84)	180-47
101	59	90	50.8	42.1	13	23.8	75	Ø 15	3/4"	1/4"	H1CR 45-55-75 HMT (75)	120-31
095	59	80	55.2	55.2	16.8	18.2	59	Ø 15	1/2"	1/4"	H1CR 20-30 HMT (59)	70-18

CODICE DI ORDINAZIONE HOW TO ORDER

001 . 094 . 0		X	0 . A	
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment	Collettore Body
094		O 6.2 : 1	X Grano - Dowel	A Acciaio zincato Zinc plated steel
101		G 4.1 : 1	K Piombata - Sealed	
095				
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw			
250 bar	(125)			

OWC-DE-VFF-...-14-FHV2-...



CARATTERISTICHE

Luce nominale	DN 15
Portata min/max	10/180 l/min - 2.5/47 GPM
Pressione max. di picco	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Rapporto di pilotaggio standard	6.2 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	
Peso	

PERFORMANCE

Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

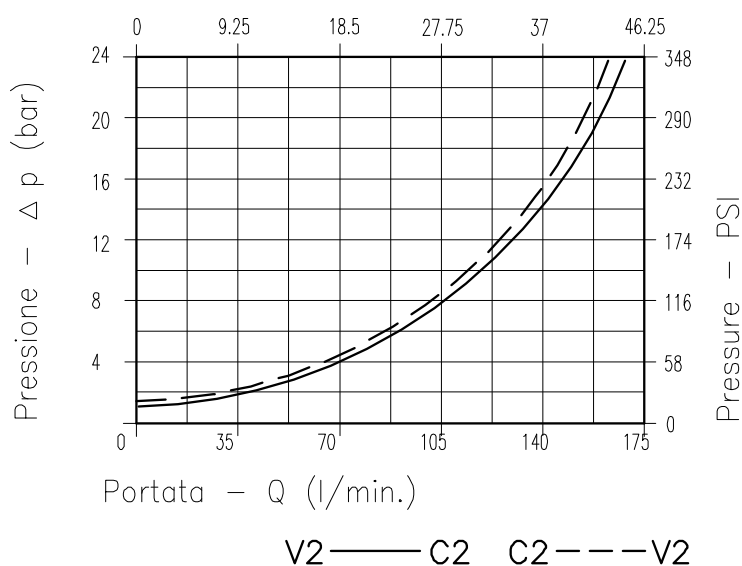
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

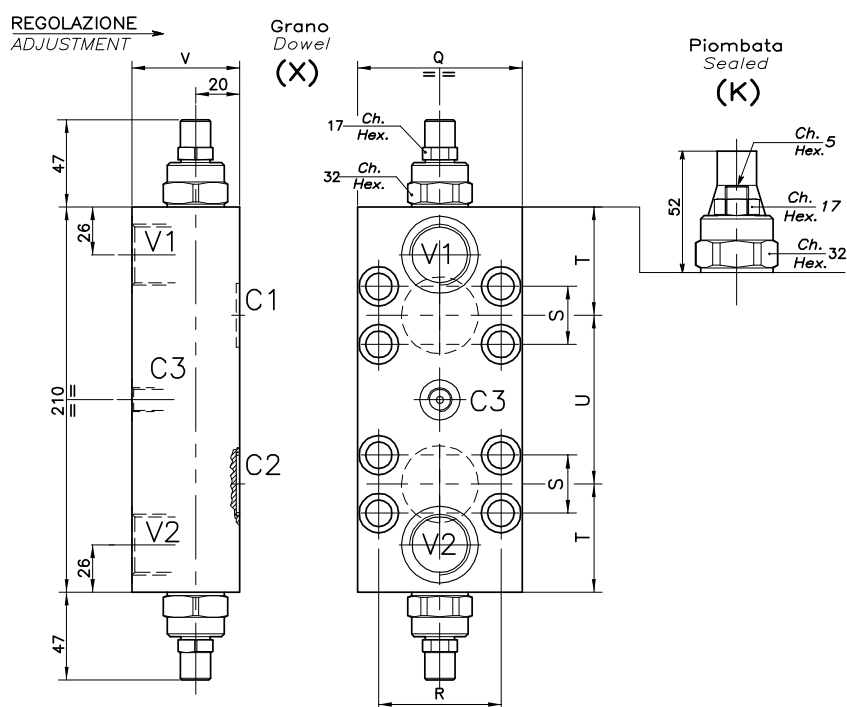
Max working pressure:

350 bar / 1.3 = 270 bar



Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA BILANCIAMENTO, BLOCCO E CONTROLLO MOVIMENTO A DOPPIO EFFETTO FLANGIATA MOTORE DOUBLE COUNTERBALANCE MOTOR FLANGEABLE VALVE

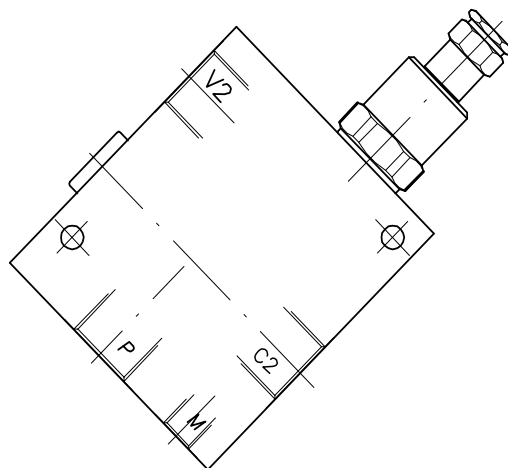
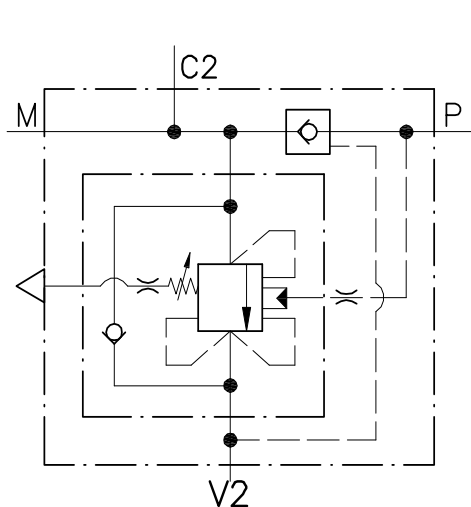


DIMENSIONI DIMENSIONS

Campo taratura Setting range	Q	R	S	T	U	V	Attacchi Port size C1-C2 GAS (BSPP)	Attacchi Port size V1-V2 GAS (BSPP)	Attacchi Port size C3 GAS (BSPP)	Tipo Motore Motor type	Portata max Max flow-rate l/min - GPM
104	70	50.8	23.8	69	72	49	Ø 15	3/4"	1/4"	H2V 55	120-31
102	80	57.2	27.8	64	82	59	Ø 15	1"	1/4"	H2V 75-108	160-42
103	90	66.7	31.6	59	92	59	Ø 15	1"	1/4"	H2V 160-226	180-47

CODICE DI ORDINAZIONE HOW TO ORDER

001	.	104	.	0		X		0	.	A		
Campo taratura / Setting range					Rapporto di pilotaggio Pilot ratios	Regolazione Adjustment		Collettore Body				
104					O 6.2 : 1	X	Grano - Dowel	A	Acciaio zincato Zinc plated steel			
102					G 4.1 : 1	K	Piombata - Sealed					
103												
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)												
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')												
250 bar												
Incr. press. - bar giro/vite Pressure rise - turn of screw												
(125)												



CARATTERISTICHE

Luce nominale

Portata max in V2

Pressione di lavoro max.

Pressione max. di taratura

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

DN 12

160 l/min - 42 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Max flow in V2 port

Max working pressure

Max setting pressure

Room temperature

Oil temperature

Recommended filtration

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

Max working pressure:

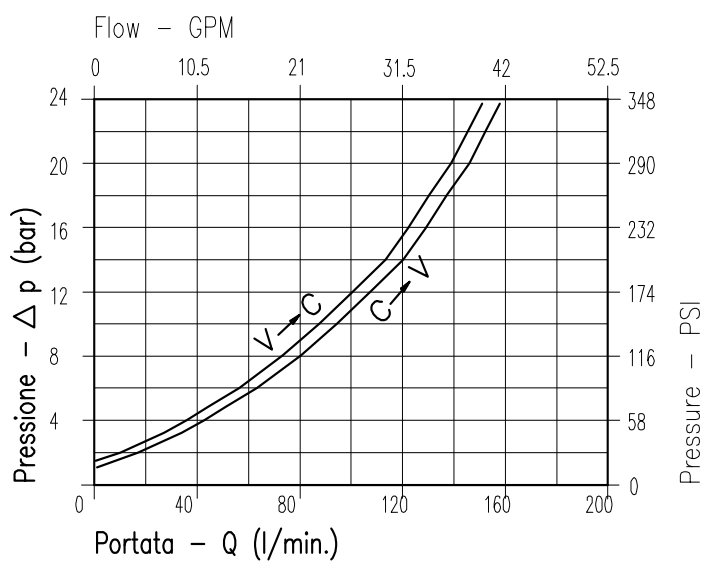
350 bar / 1.3 = 270 bar

Valvola utilizzata per lo sfilamento rapido dello stelo. Applicazioni tipiche in piccole presse o compattatori. La pressione di esclusione dell'effetto rigenerativo è regolabile in un campo di pressione per mezzo di una valvola overcenter.

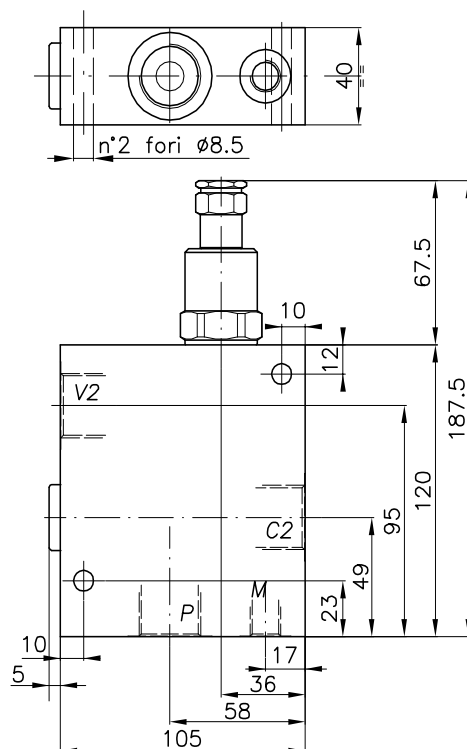
This valve is used for fast extension of cylinder rod: typical application in small presses and trash compactors. Cut out pressure of the regenerative function can be adjusted within a pressure range by an overcenter valve.

Costruzione standard con collettore in acciaio

Steel manifold as standard



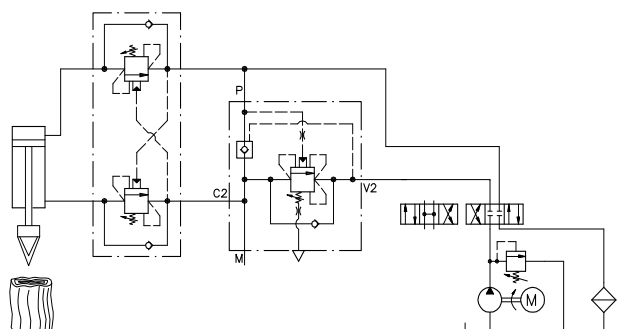
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

DIMENSIONI DIMENSIONS

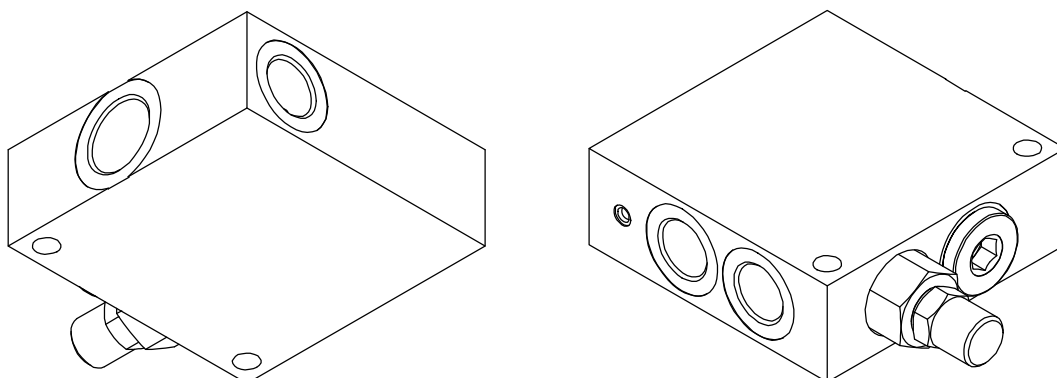
Campo taratura Setting range	Attacchi filettati Threaded connections Bocche - Ports ISO 1179-1 (BSPP) V2-C2-P	Attacchi filettati Threaded connections Bocche - Ports ISO 1179-1 (BSPP) M
151	G3/4	G1/4



CODICE DI ORDINAZIONE HOW TO ORDER

006 . 151 . L X 0

Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment
151		L 6.21 : 1 G 4.1 : 1		X Grano - Dowel
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 350 bar	Incr. press. - bar giro/vite Pressure rise - bar/turn of scw (138)			

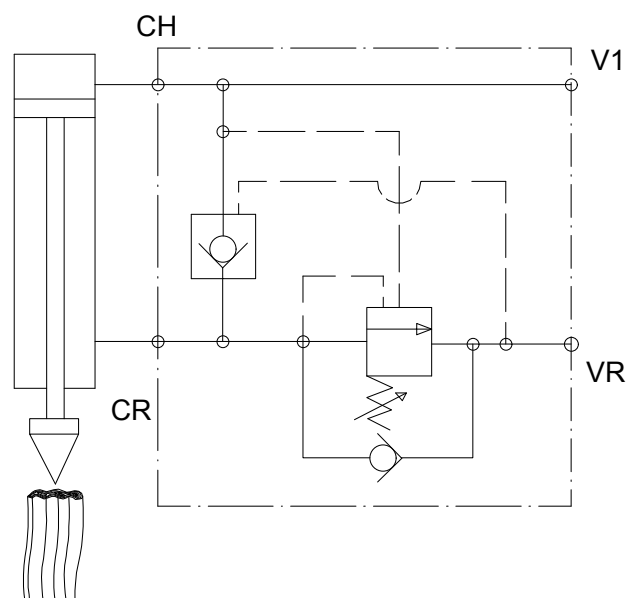


CARATTERISTICHE

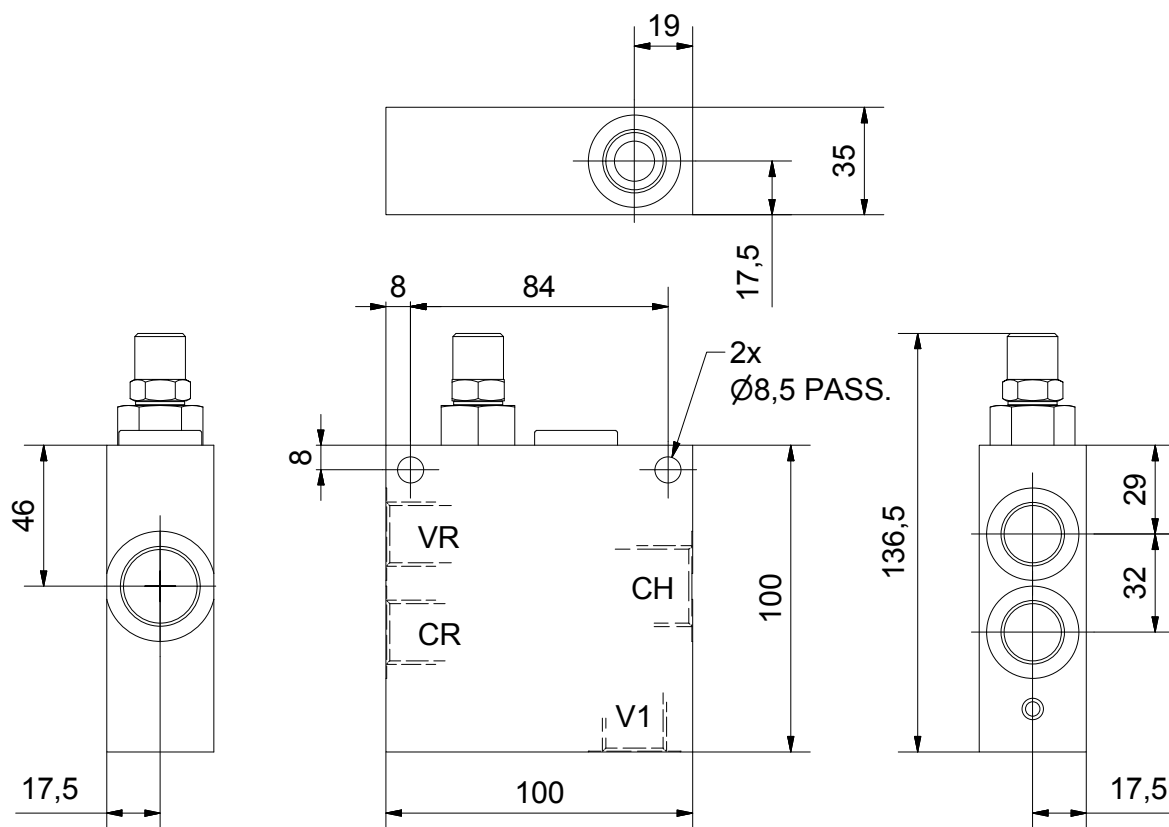
Portata nominale	60 l/min
Portata max	80 l/min
Pressione max. di lavoro	250 bar
Campo di taratura	30-350 bar
Rapporto di pilotaggio	4.25:1
Collettore in alluminio	
Peso	1,2 kg

PERFORMANCE

Nominal flow-rate
Max flow-rate
Max working pressure
Setting range
Weight
Aluminium body
Weight



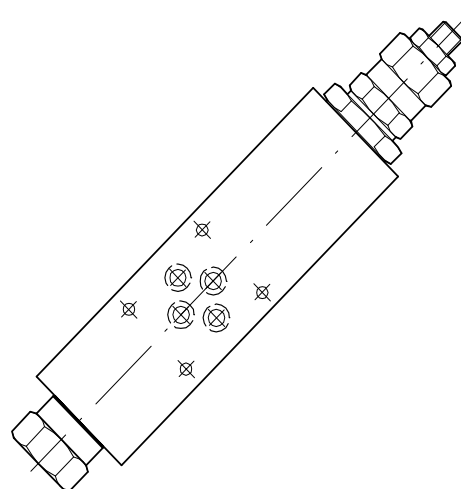
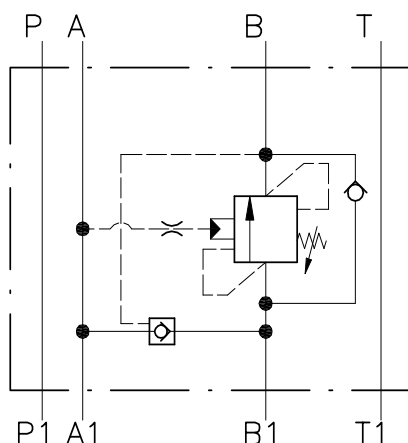
VALVOLA OVERCENTER SEMPLICE EFFETTO CON FUNZIONE RIGENERATIVA
SINGLE COUNTERBALANCE VALVE WITH REGENERATIVE FUNCTION



ATTACCHI PORT SIZE GAS (bspp)	
VR-CR-V1	CH
1/2"	3/4"

CODICE DI ORDINAZIONE
HOW TO ORDER

006 . 174 . 0 J 0



CARATTERISTICHE

Luce nominale

Portata max in P

Pressione di lavoro max.

Pressione max. di taratura

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

DN 6

30 l/min - 7.9 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

30 micron

PERFORMANCE

Rated size

Max flow in P port

Max working pressure

Max setting pressure

Room temperature

Oil temperature

Recommended filtration

Weight

NOTE:

La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

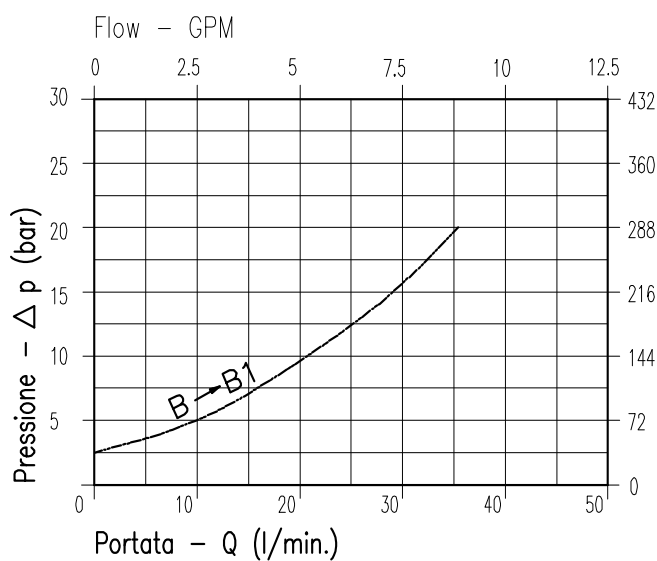
Pressione di lavoro max:

Max working pressure:

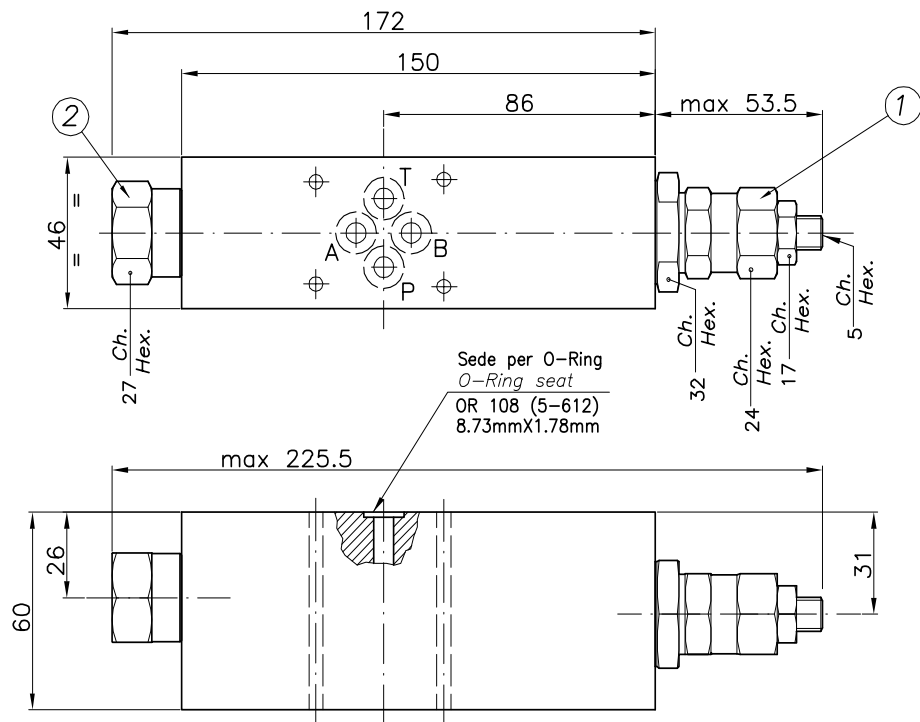
350 bar / 1.3 = 270 bar

Modulo sandwich per elettrovalvole modulari ISO 3, con rigenerazione da B1 in A1 utilizzando una valvola overcenter per regolare la pressione di esclusione. Si utilizza per rendere più veloce lo sfilamento dello stelo di un cilindro differenziale.

Sandwich module for ISO 3 directional solenoid valves with regenerative flow from B1 to A1, with adjustable automatic exclusion by an overcenter valve, used for fast extension of cylinder rod.



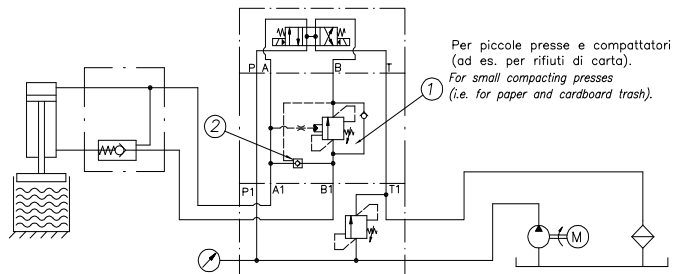
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi filettati Threaded connections Bocche - Ports ISO 1179-1 (BSPP) A1-B1 / P1-T1	Attacchi filettati Threaded connections Bocche - Ports ISO 4401 A-B / P-T
157	size 06 CTP3	size 06 CTP3



CODICE DI ORDINAZIONE HOW TO ORDER

006	.	157	.	0	X	0
Campo taratura / Setting range						
157						
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)						
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1')		Incr. press. - bar giro/vite Pressure rise - bar/turn of scrow				
250 bar		(138)				
			Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
			O 4.25 : 1		X Grano - Dowel	