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

OMT HYDRAULIC COMPONENTS
è l'azienda del gruppo
per i componenti idraulici.

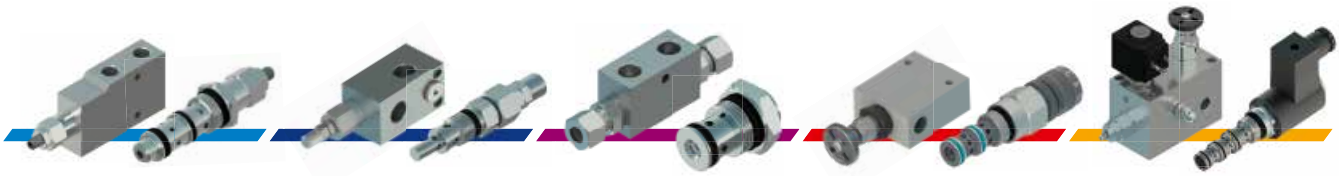
INSIEME NEL SETTORE DELL'OLEODINAMICA.

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

OMT HYDRAULIC COMPONENTS
is the group's company
for hydraulic components.

TOGETHER IN THE HYDRAULIC INDUSTRY.

5
MACROGRUPPI DI PRODOTTI
MAIN RANGES OF PRODUCTS

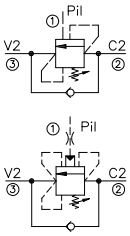


VALVOLE DI BILANCIAMENTO E BLOCCO	VALVOLE DI MASSIMA PRESSIONE	VALVOLE DI BLOCCO	VALVOLE REGOLATRICI DI PORTATA	ELETTROVALVOLE E GRUPPI INTEGRATI
COUNTERBALANCE VALVES	RELIEF VALVES	CHECK VALVES	FLOW CONTROL VALVES	SOLENOID VALVES AND INTEGRATED COMPONENTS

VALVOLE DI BILANCIAMENTO E BLOCCO

COUNTERBALANCE VALVES

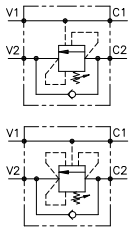
001



VALVOLE A CARTUCCIA

CARTRIDGE VALVES

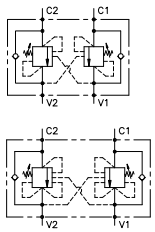
p. 14-23



VALVOLE A SEMPLICE EFFETTO IN LINEA

SINGLE ACTING VALVES WITH IN-LINE BODY

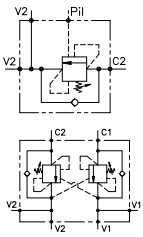
p. 24-41



VALVOLE A DOPPIO EFFETTO IN LINEA

DOUBLE ACTING VALVES WITH IN-LINE BODY

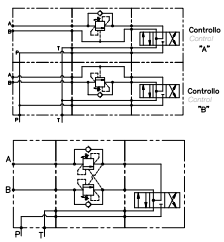
p. 42-61



VALVOLE CON COLLETTORE FLANGIABILE

VALVES WHITH FLANGIABLE BODY

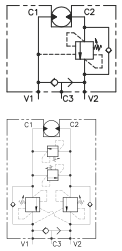
p. 62-79



VALVOLE CON COLLETTORE CETOP

VALVES WITH CETOP INSTALLATION

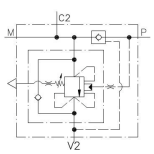
p. 80-87



VALVOLE CON FLANGIATURA MOTORE

MOTOR FLANGEABLE VALVES

p. 88-103

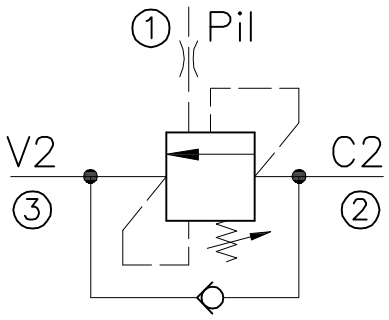


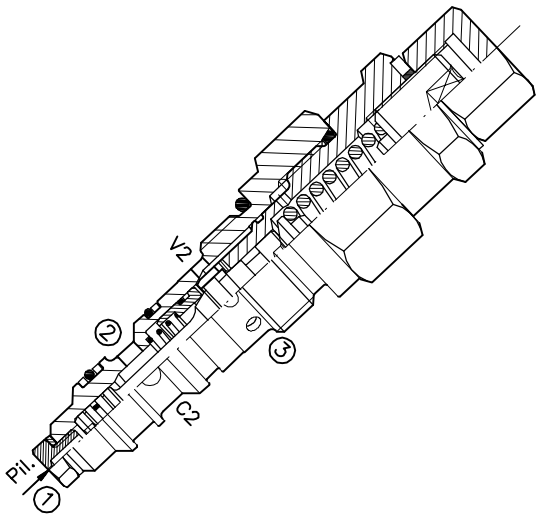
VALVOLE CON FUNZIONE RIGENERATIVA

VALVES WITH REGENERATIVE FUNCTION

p. 104-109

OWC-30-...





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 4**	Rated size
Portata min/max	**1/25 l/min - 0.15/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**76÷82 Nm**	Tightening torque
Peso	**0.300 Kg**	Weight

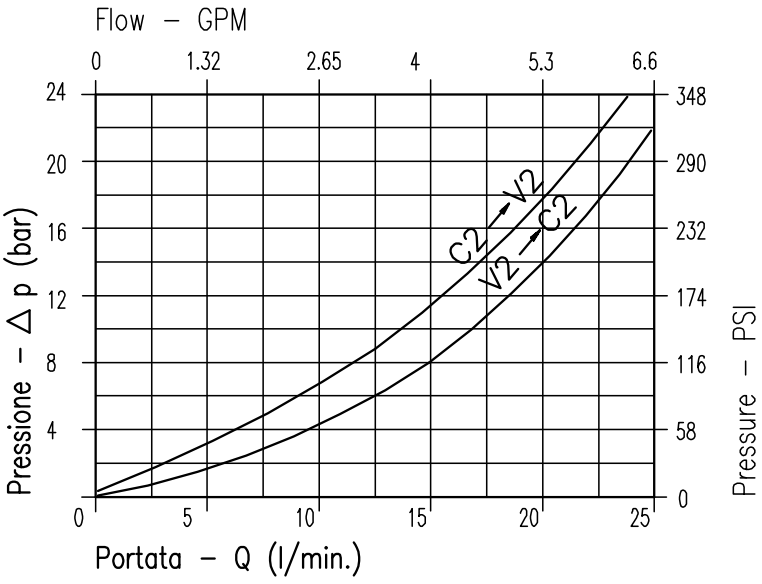
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

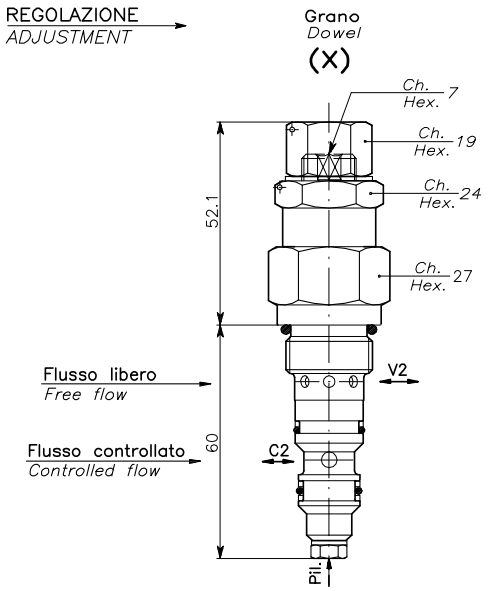
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

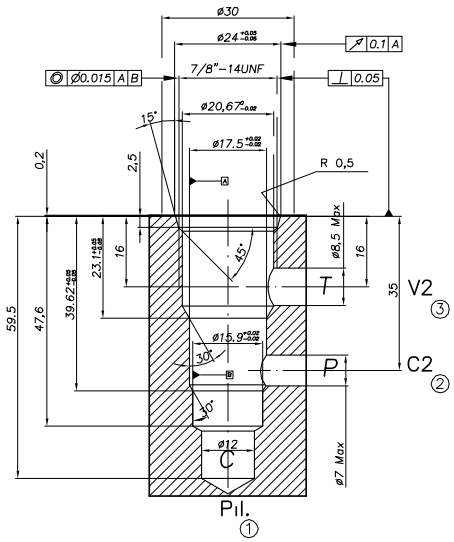
350 bar / 1.3 = 270 bar



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

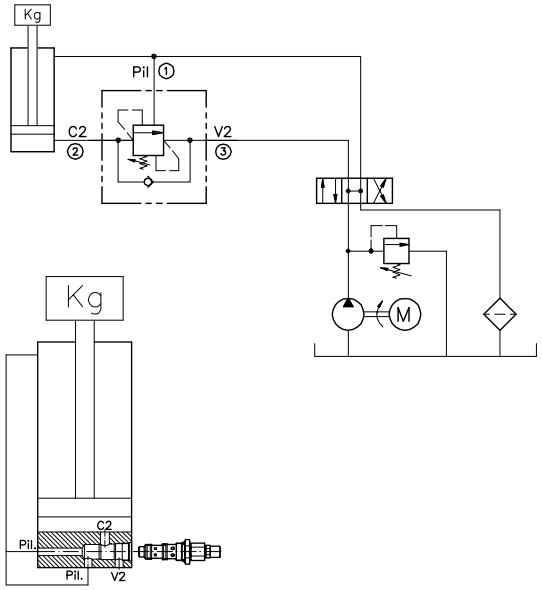


CAVITÀ / CAVITY CE.120.N



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

ESEMPIO TIPICO DI CIRCUITO / TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE / HOW TO ORDER

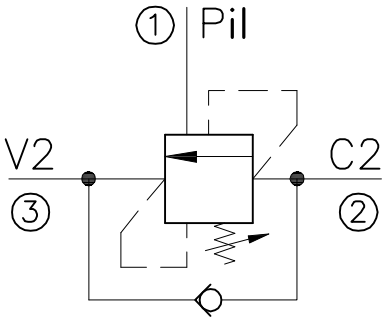
001 . 620 . 0 X 0

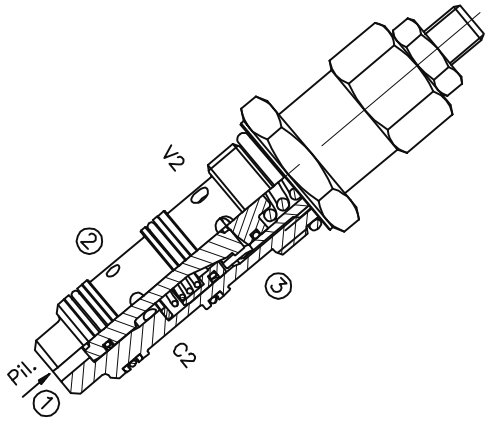
Campo taratura / Setting range			
620		635	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(45)**	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

OWC-60-...





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**116÷128 Nm**	Tightening torque
Peso	**0.300 Kg**	Weight

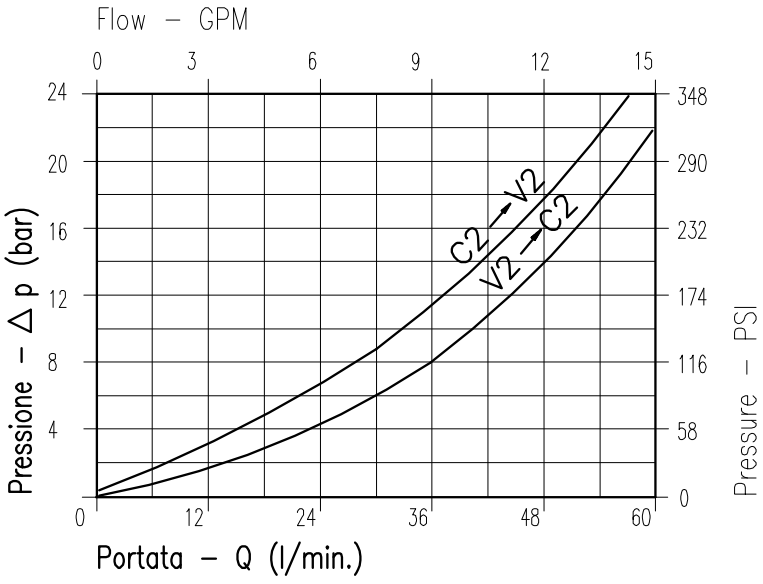
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

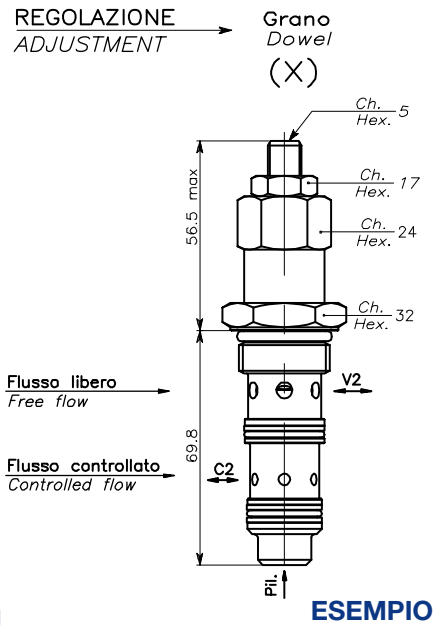
Max working pressure:

350 bar / 1.3 = 270 bar

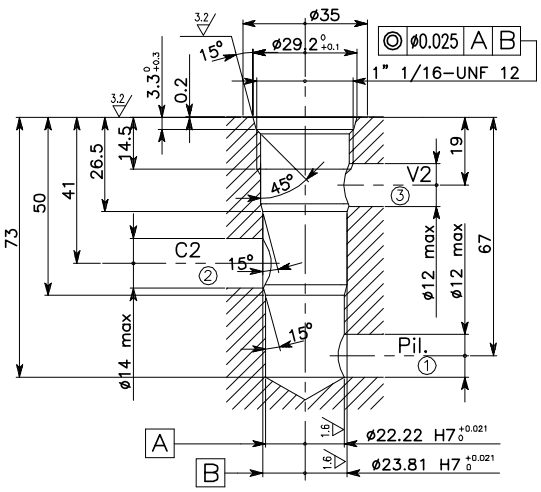


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.01.01.01

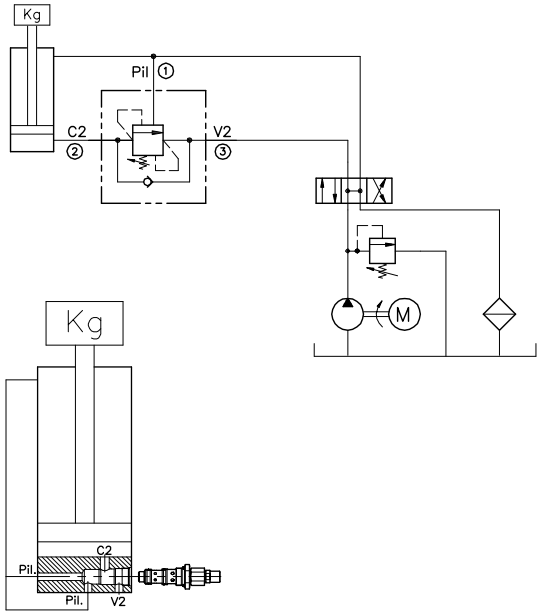


CAVITÀ / CAVITY CE.025.N



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

ESEMPIO TIPICO DI CIRCUITO / TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE / HOW TO ORDER

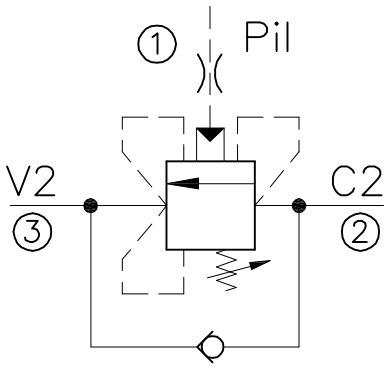
N01.046 . 0 X 0

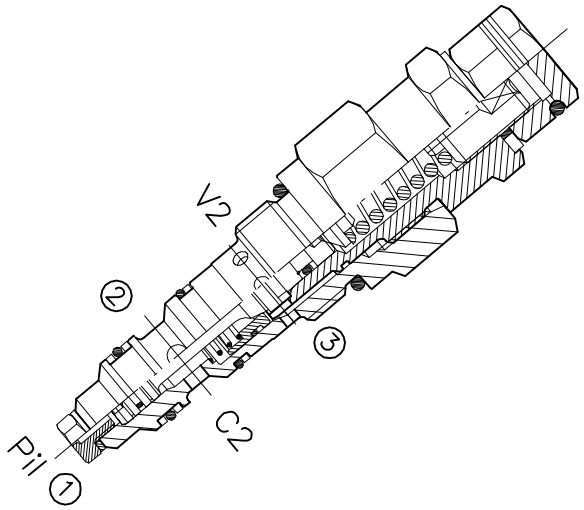
Campo taratura / Setting range			
046		001	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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	
O	4.25 : 1
D	8 : 1

Regolazione / Adjustment	
X	Grano - Dowel

OWC-30-CC-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 4**	Rated size
Portata min/max	**1/25 l/min - 0.26/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**76÷82 Nm**	Tightening torque
Peso	**0.300 Kg**	Weight

NOTE:

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

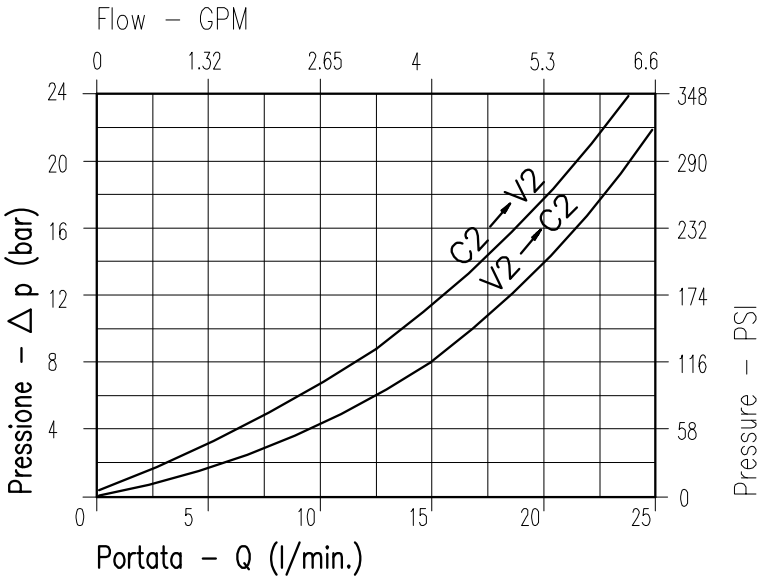
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

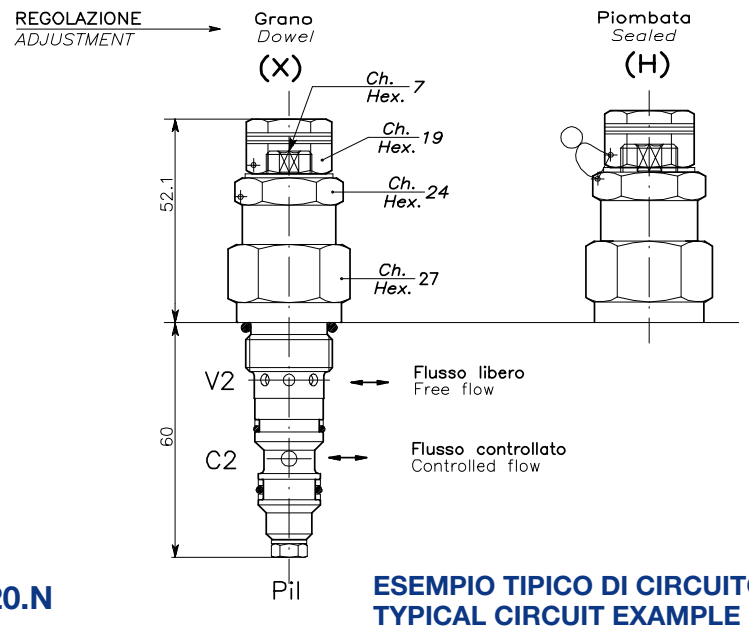
Pressione di lavoro max:

Max working pressure:

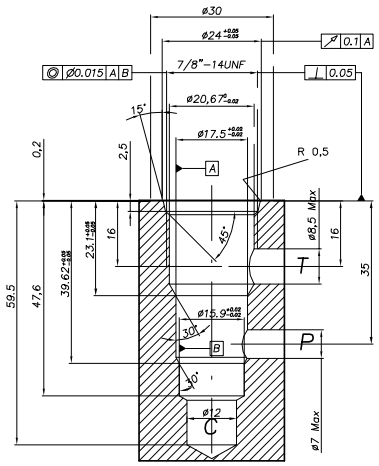
350 bar / 1.3 = 270 bar



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

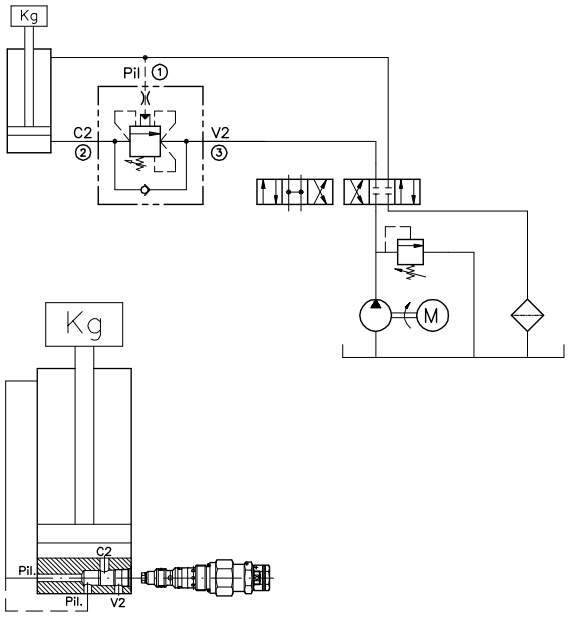


CAVITÀ / CAVITY CE.120.N



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

ESEMPIO TIPICO DI CIRCUITO / TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE / HOW TO ORDER

001.621 . 0 X 0

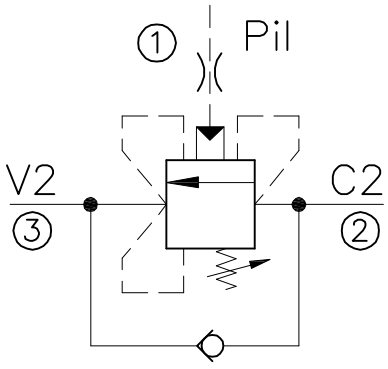
Campo taratura / Setting range			
621		636	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(45)**	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)**

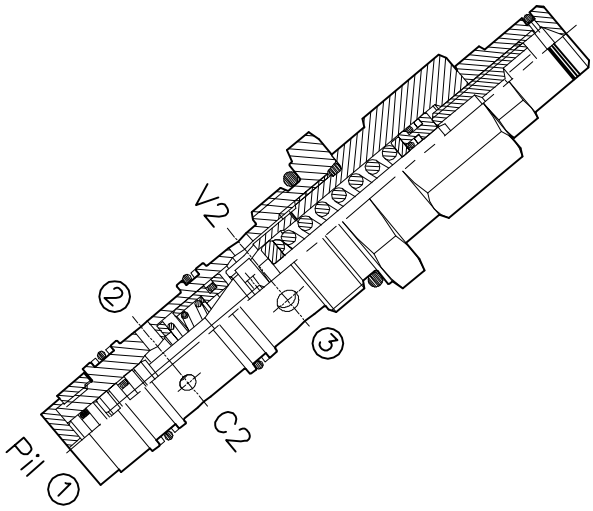
Rapporto di pilotaggio / Pilot ratios	
O	4 : 1
F	7 : 1

Regolazione / Adjustment	
X	Grano - Dowel
H	Piombata - Sealed

1.01.03.04

WBC-40-CC-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**76÷82 Nm**	Tightening torque
Peso	**0.300 Kg**	Weight

NOTE:

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

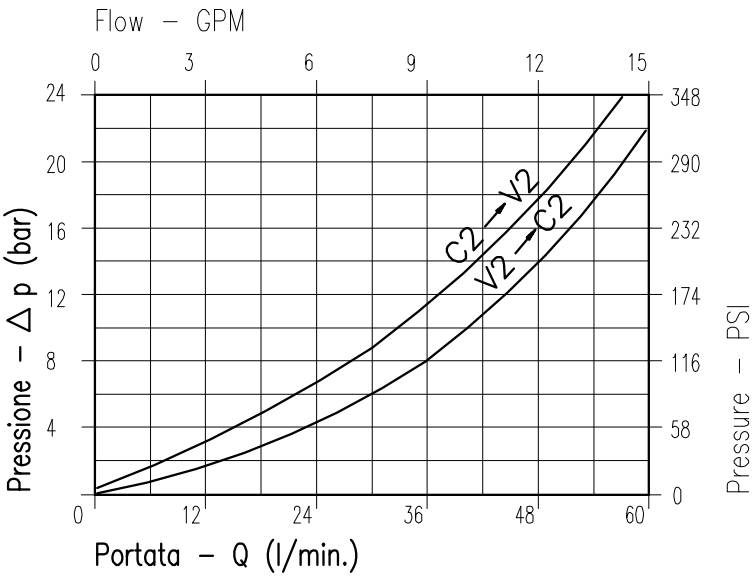
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

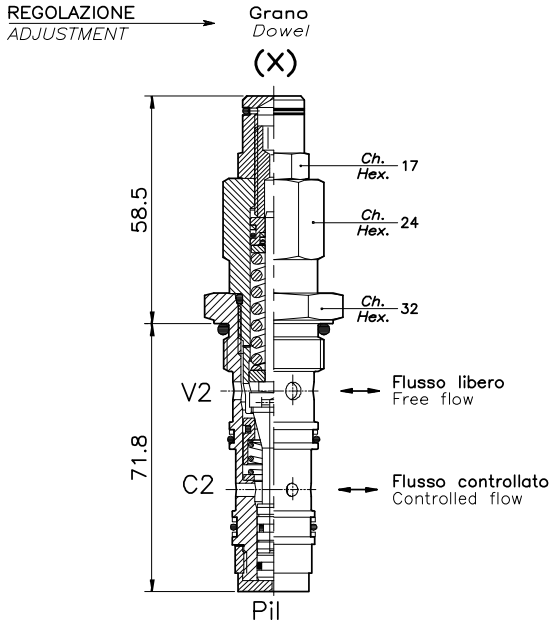
Pressione di lavoro max:

Max working pressure:

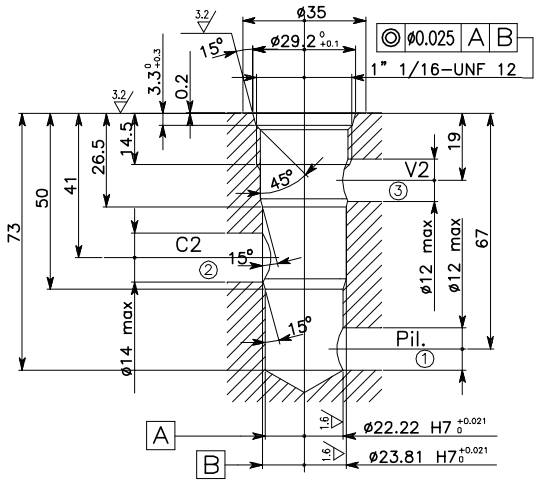
350 bar / 1.3 = 270 bar



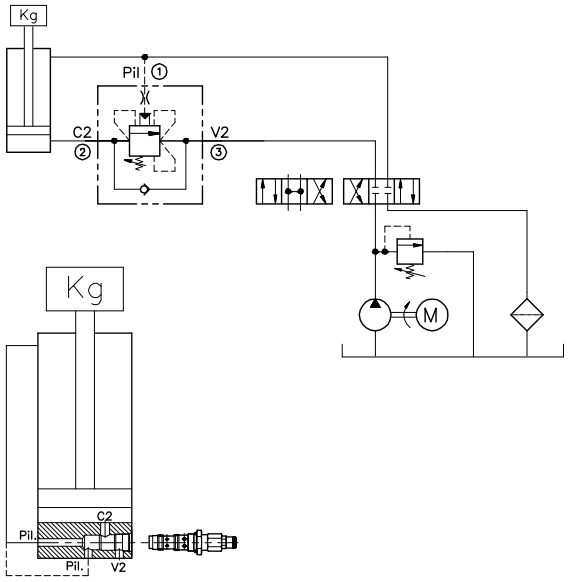
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



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

001.498 . 0 X 0

Campo taratura / Setting range
498
Campo taratura 60÷350 bar (molla colore rosso) Setting range 60÷350 bar (red spring)

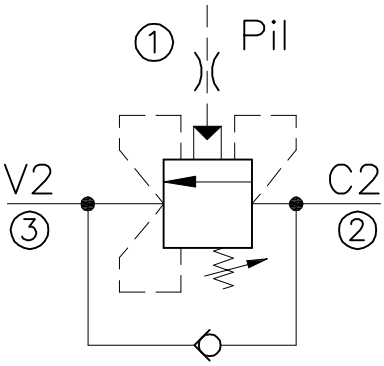
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(140)**

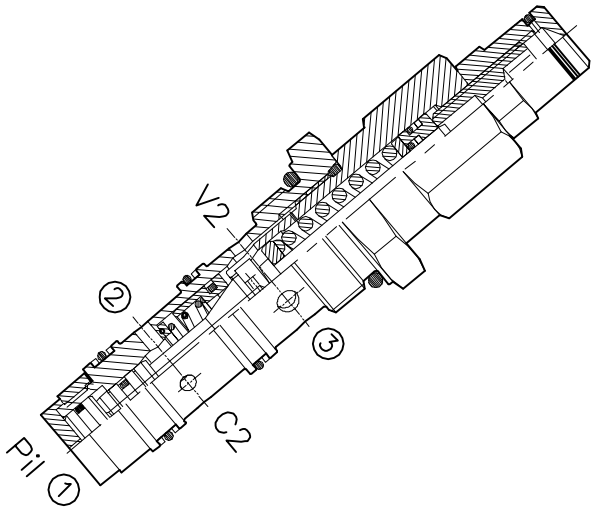
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

Regolazione Adjustment	
X	Grano - Dowel

1.01.03.06

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





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**9 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**116÷128 Nm**	Tightening torque
Peso	**0.300 Kg**	Weight

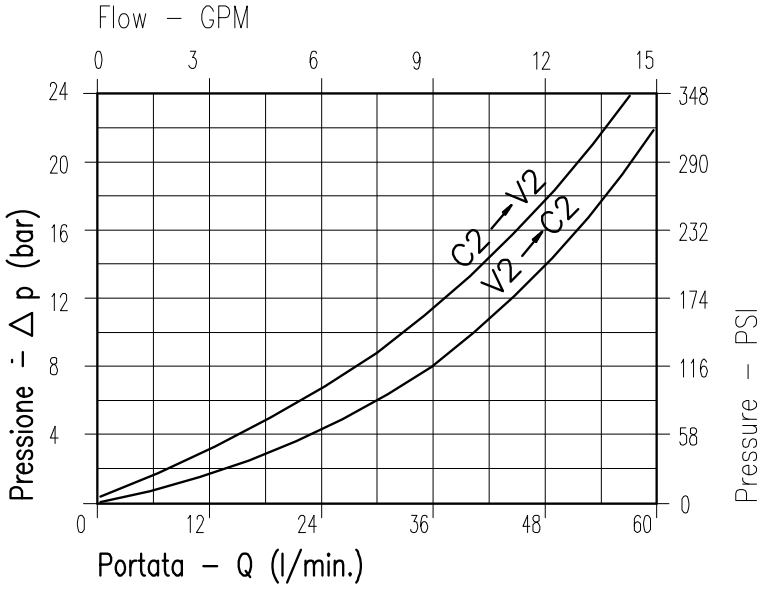
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

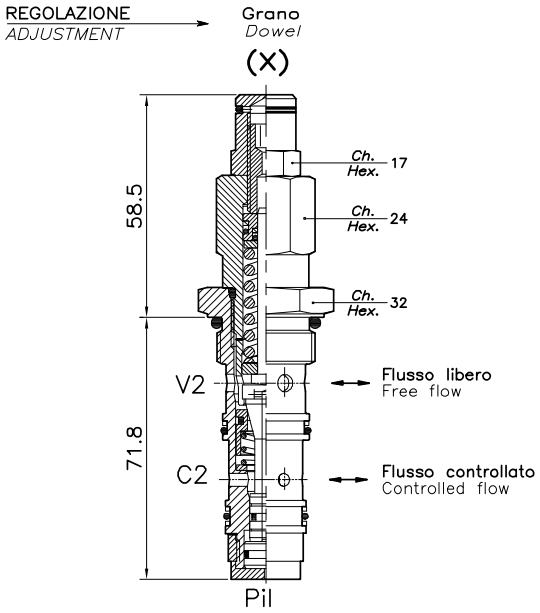
Max working pressure:

350 bar / 1.3 = 270 bar

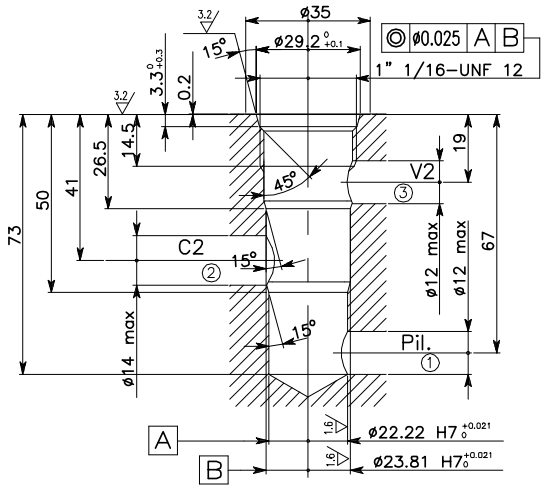


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

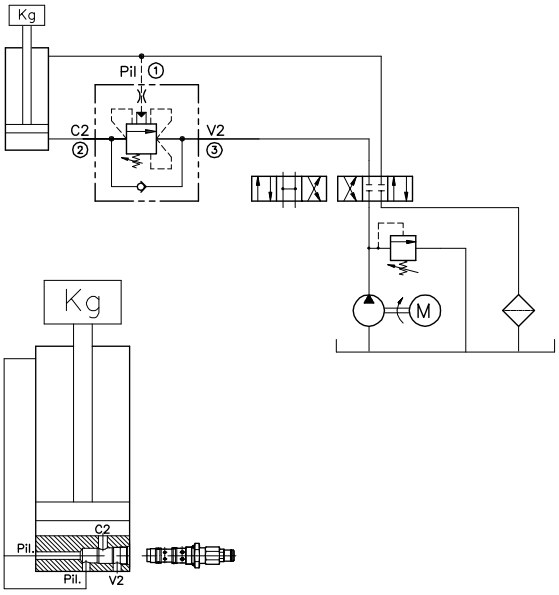
1.01.03.01



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

001 . 011 . 0 X 0

Campo taratura / Setting range

011

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')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(140)**

Rapporto di pilotaggio / Pilot ratios

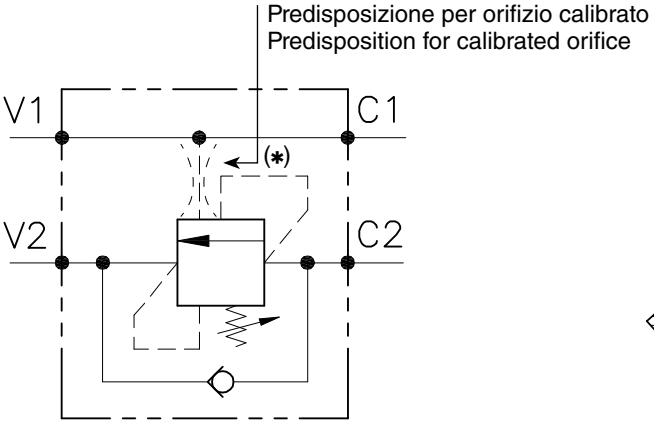
O	9 : 1

Regolazione / Adjustment

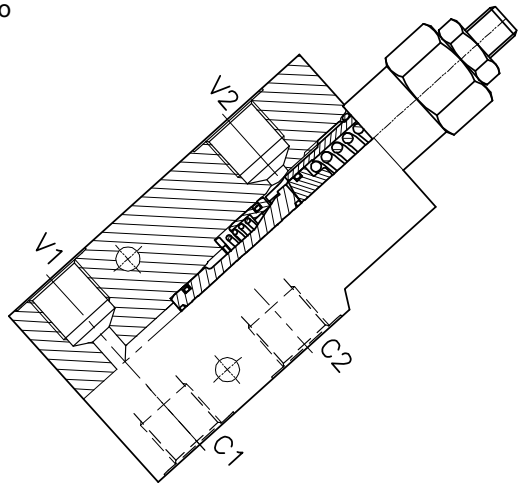
X	Grano - Dowel

1.01.03.02

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



(*) Vedi codice ordinazione
See ordering code



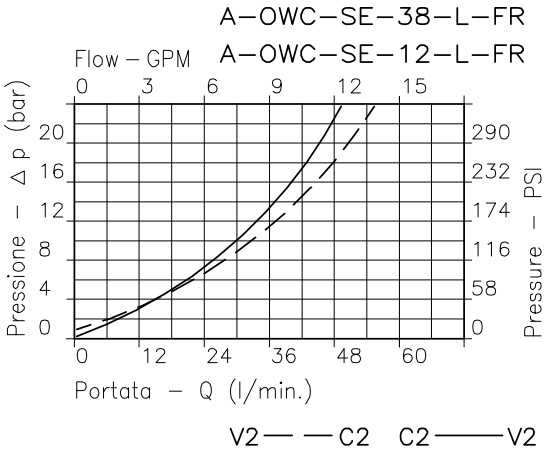
CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

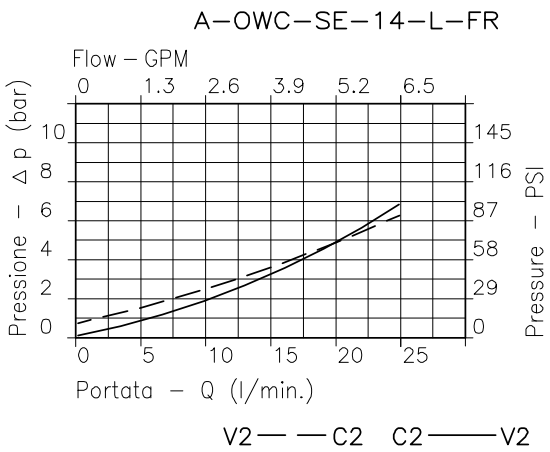
NOTE:

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

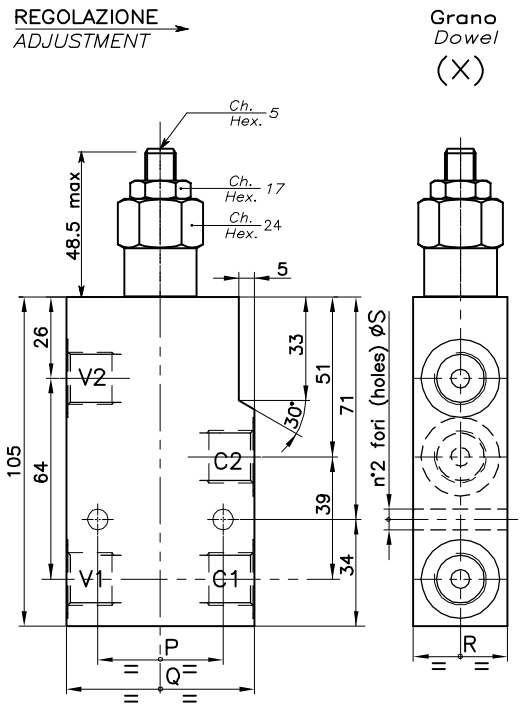
ESEMPIO/EXAMPLE:

Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure

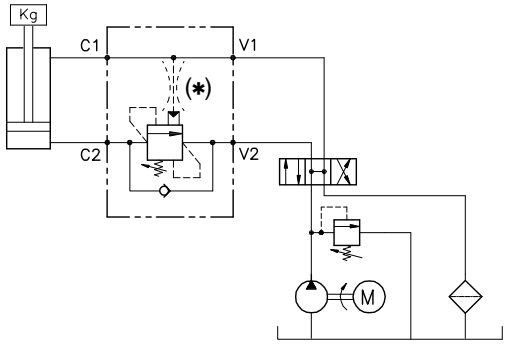




Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



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
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			
085		084	
087		086	
093		088	
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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	
O	4.25 : 1
D	8 : 1

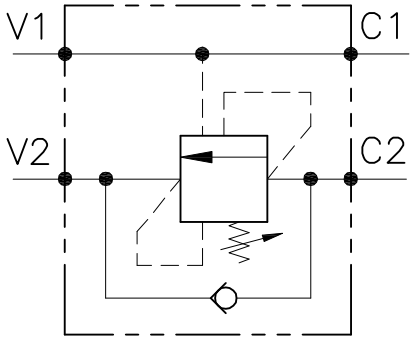
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata Sealed

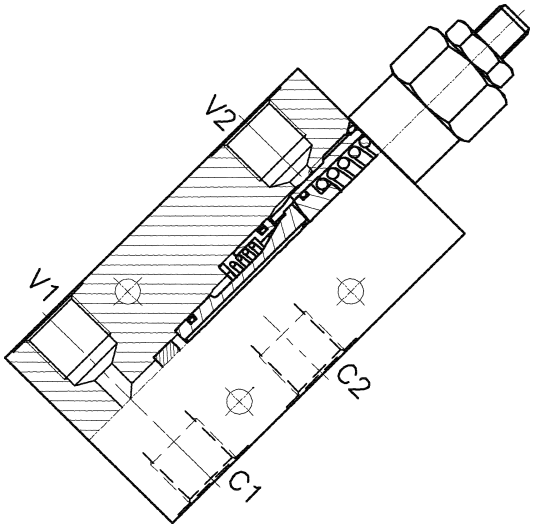
Collettore Body	
A	Acciaio zincato Zinc plated steel

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

1.03.01.04

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





CARATTERISTICHE

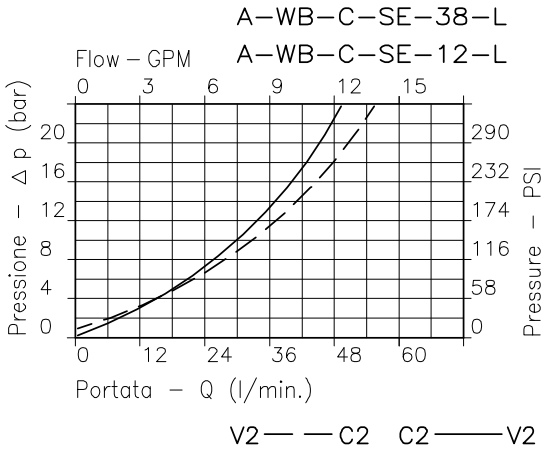
		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

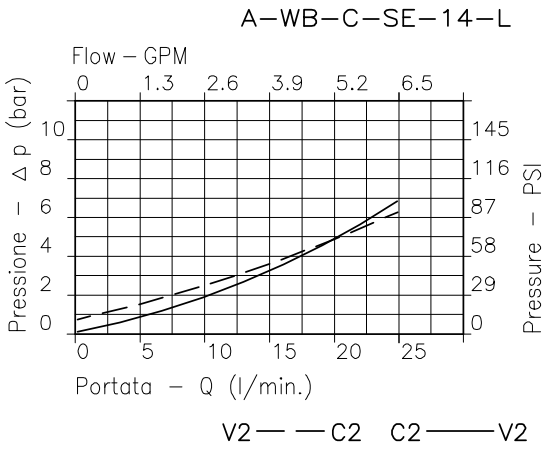
NOTE:

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

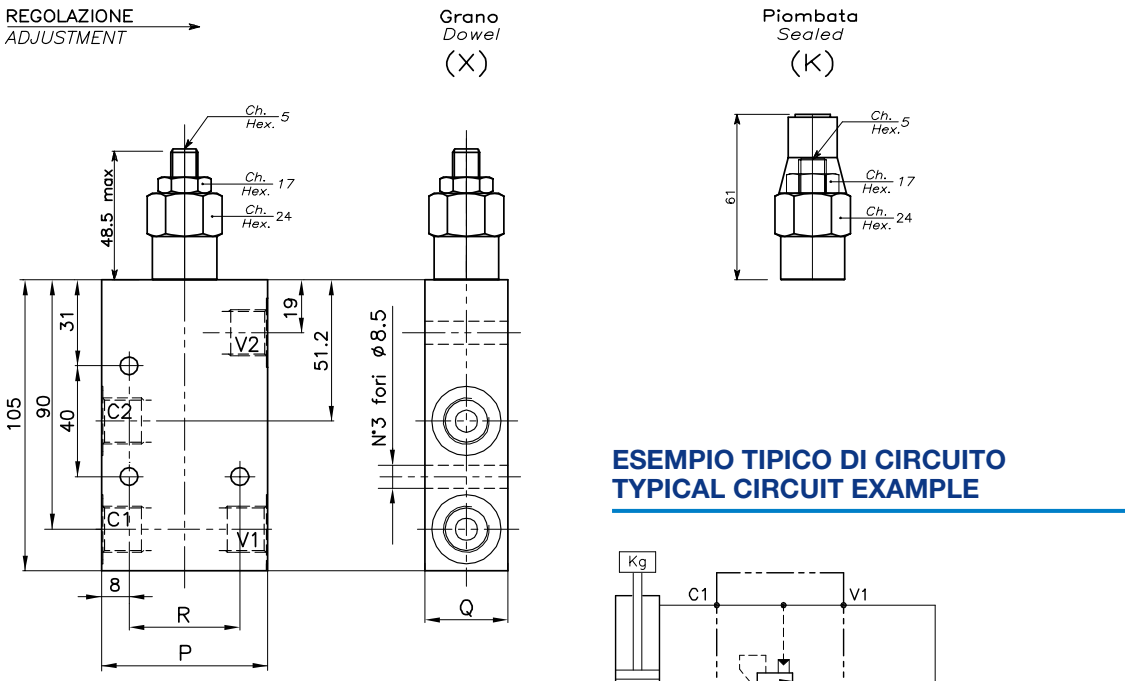
ESEMPIO/EXAMPLE:

Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure

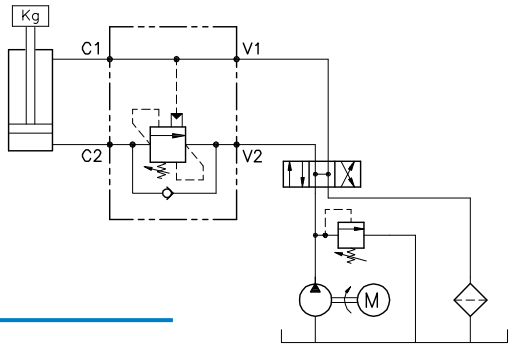




Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



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
328	327	60	30	40	3/8"	8	40-10
330	329	70	35	50	1/2"	10	60-15

CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 328 . 0 X 0 . A

Campo taratura / Setting range

328 / 330		327 / 329	
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') Std. bar setting (Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw
180 bar	**(50)**	**250 bar**	**(90)**

Rapporto di pilotaggio / Pilot ratios

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

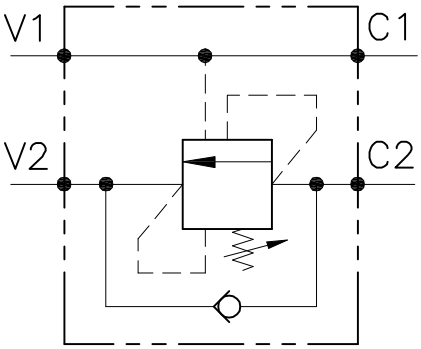
X	Grano - Dowel
K	Piombata - Sealed

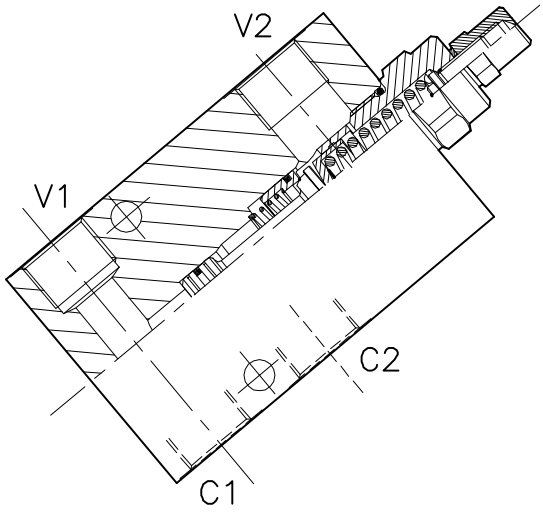
Collettore / Body

A	Acciaio zincato Zinc plated steel

327	Collettore possibile in AL togliendo "A" Available aluminium body without "A"
328	
329	
330	

...-OWC-SE-...-L-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 12/14**	Rated size
Portata min/max	**1/160 l/min - 0.26/42.3 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30÷50**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

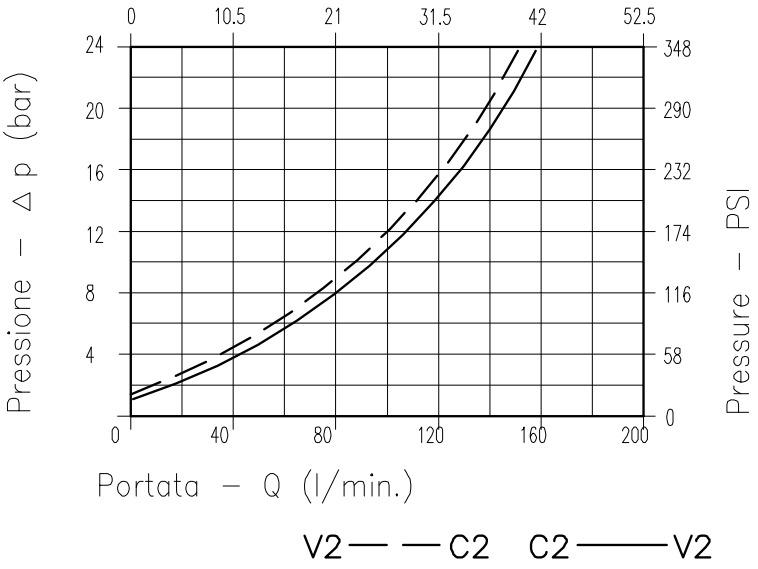
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

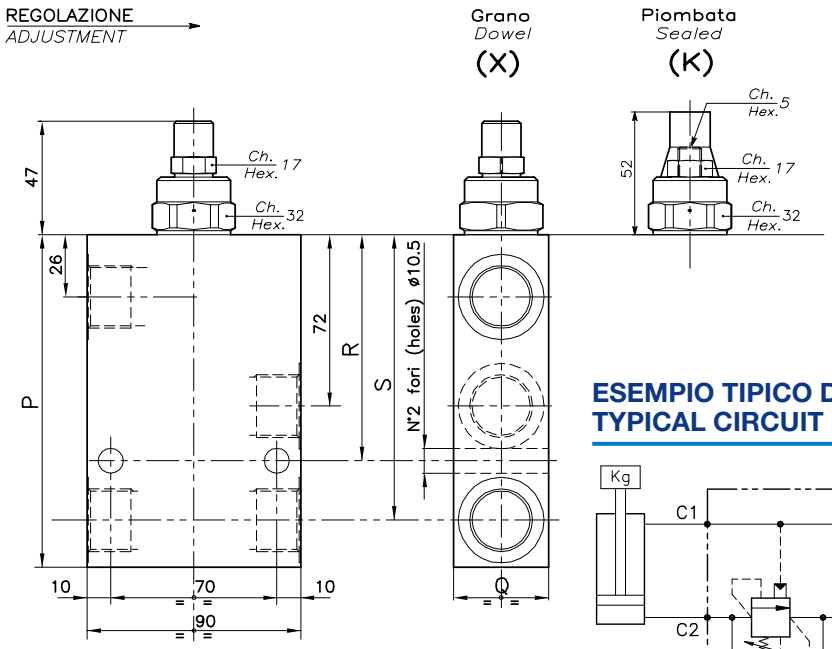
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

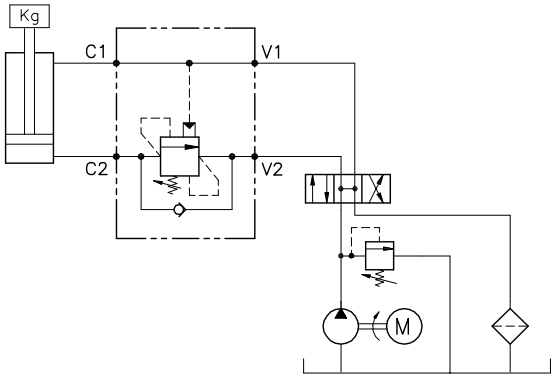
350 bar / 1.3 = 270 bar



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



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	Corpo Body
265	140	40	95	120	3/4"	12	120-31	Acciaio Steel
266	165	50	107	142	1"	14	160-42	Acciaio Steel

CODICE DI ORDINAZIONE
HOW TO ORDER

001 . 265 . 0 X 0 . A

Campo taratura / Setting range
265
266
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)**

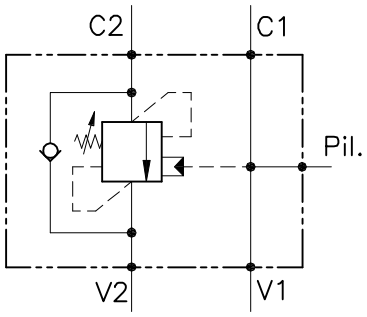
Rapporto di pilotaggio Pilot ratios	
O	6.2 : 1
G	4.1 : 1

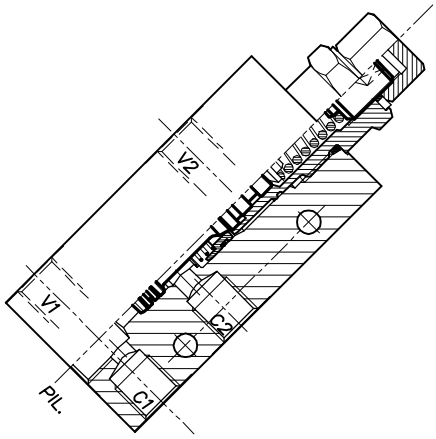
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.03.01.08

OWC-30-SE-14-L





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6**	Rated size
Portata min/max	**1/25 l/min - 0.26/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso	**0.300 Kg**	Weight

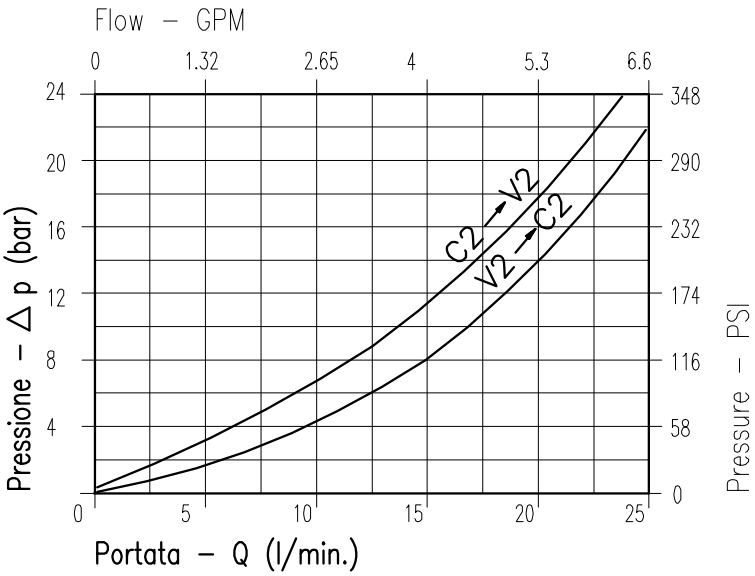
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

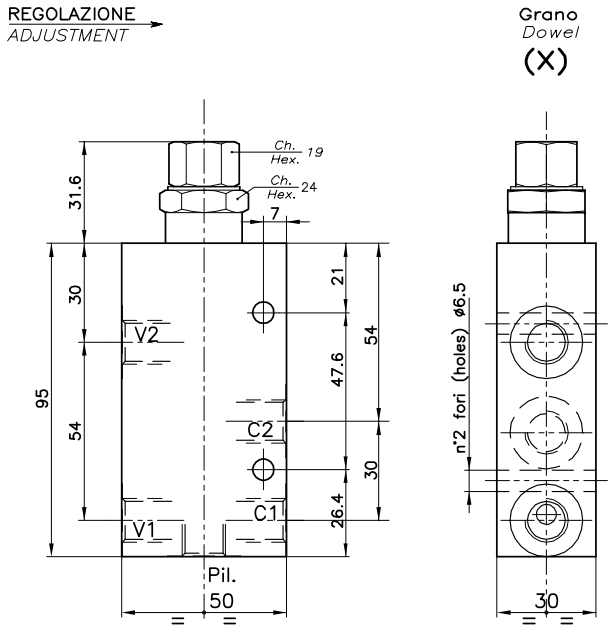
Max working pressure:

350 bar / 1.3 = 270 bar



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

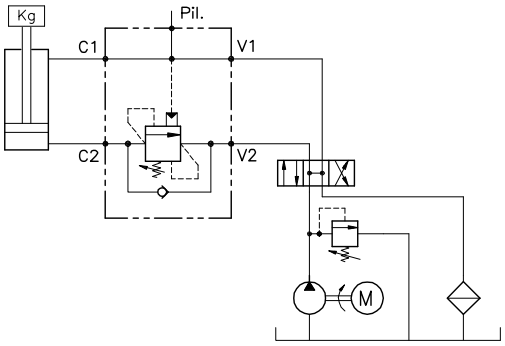
1.03.01.13



DIMENSIONI
DIMENSIONS

Campo taratura Setting range	Attacchi Port size V2-C2 V1-C1-PIL GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
623	1/4"	6	25-6

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE
HOW TO ORDER

001 . 623 . 0 X 0 . A

Campo taratura / Setting range

623

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)**

Rapporto di pilotaggio / Pilot ratios

O	4 : 1
F	7 : 1

Regolazione / Adjustment

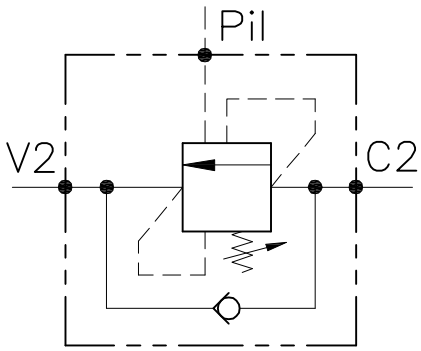
X	Grano - Dowel

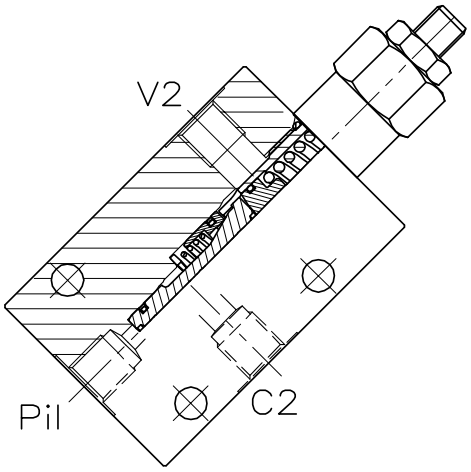
Collettore / Body

A	Acciaio zincato Zinc plated steel

1.03.01.14

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





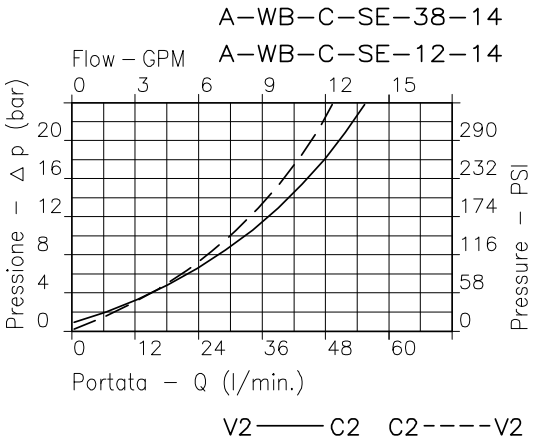
CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

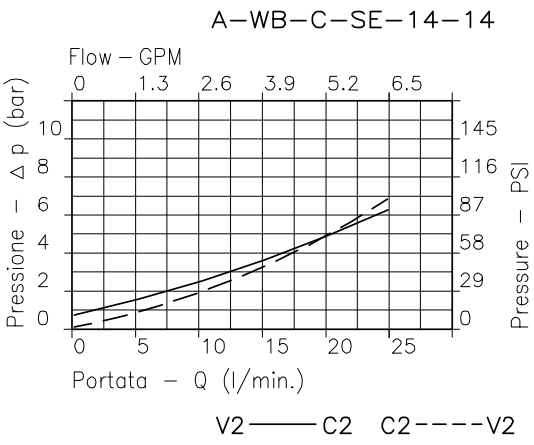
NOTE:

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:

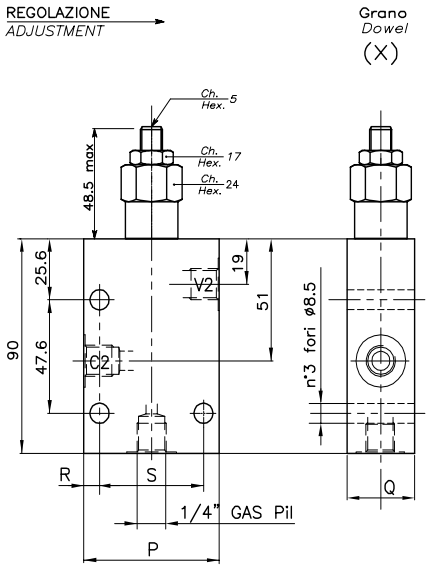
Pressione di lavoro max — **350 bar / 1.3 = 270 bar** — Max working pressure



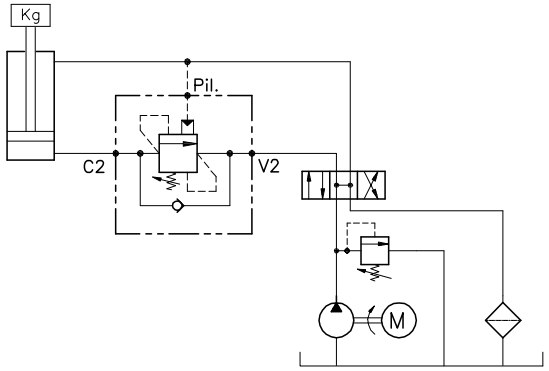


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

1.03.02.03



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



DIMENSIONI
DIMENSIONS

Campo taratura Setting range		P	Q	R	S	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
239	238	60	30	10	40	3/8"	8	40-10
241	240	70	35	10	50	1/2"	10	60-15

CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 239 . 0 X 0 .A

Campo taratura / Setting range			
239		238	
241		240	
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

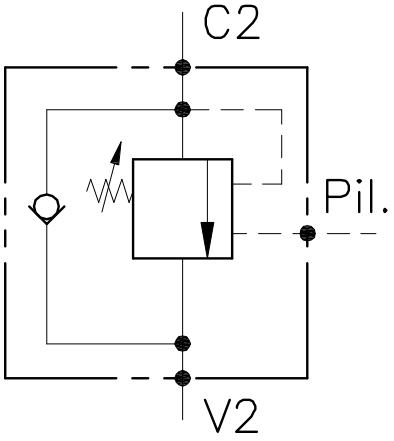
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

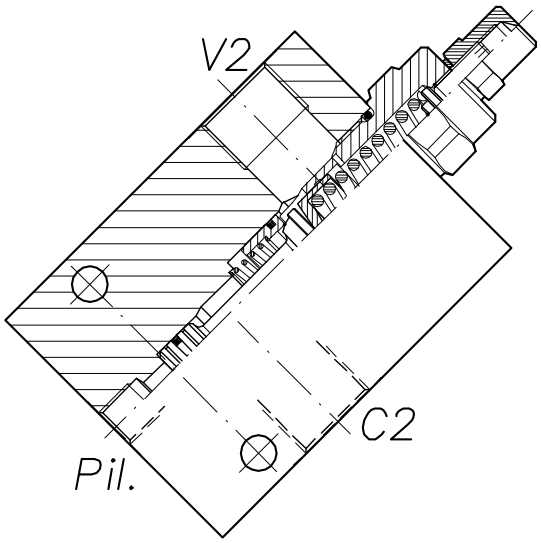
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.03.02.04

...-OWC-SE-...-14





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 12/14**	Rated size
Portata min/max	**1/160 l/min - 0.26/42.3 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30÷50 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

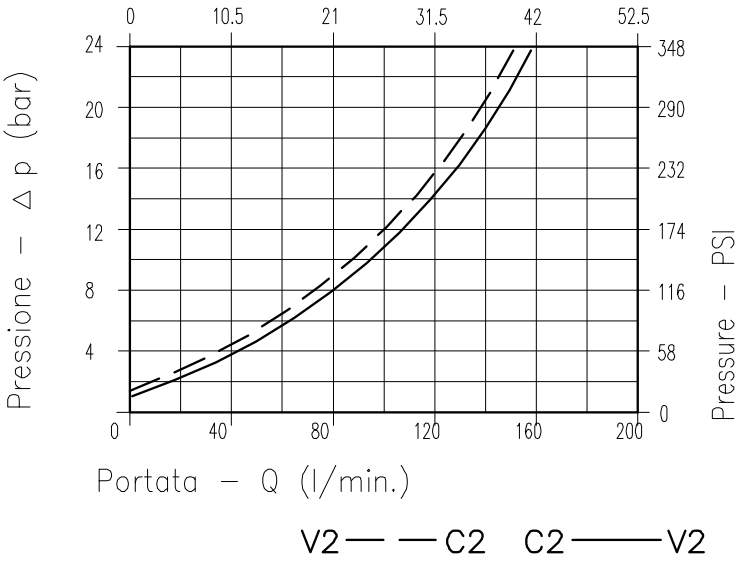
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

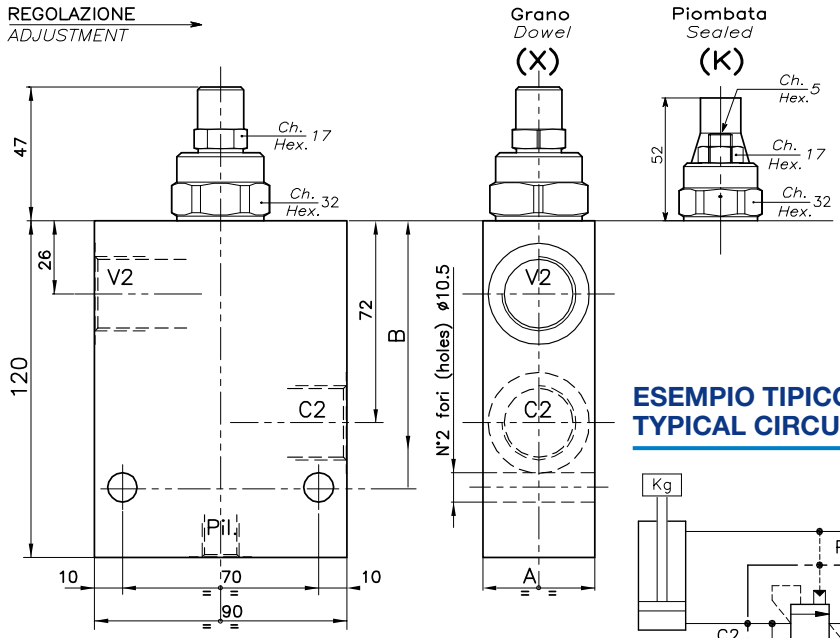
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

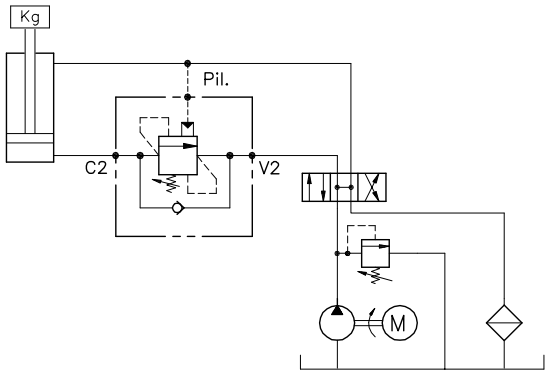
350 bar / 1.3 = 270 bar



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



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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') **250 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(125)**

Rapporto di pilotaggio / Pilot ratios

O	6.2 : 1
G	4 : 1

Regolazione / Adjustment

X	Grano - Dowel
K	Piombata - Sealed

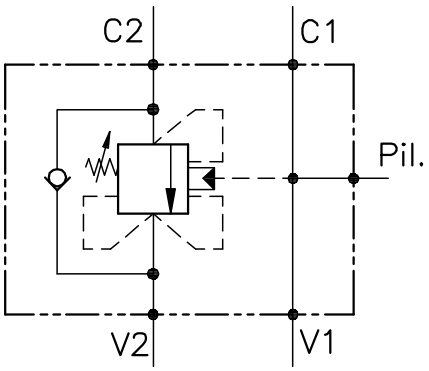
Collettore / Body

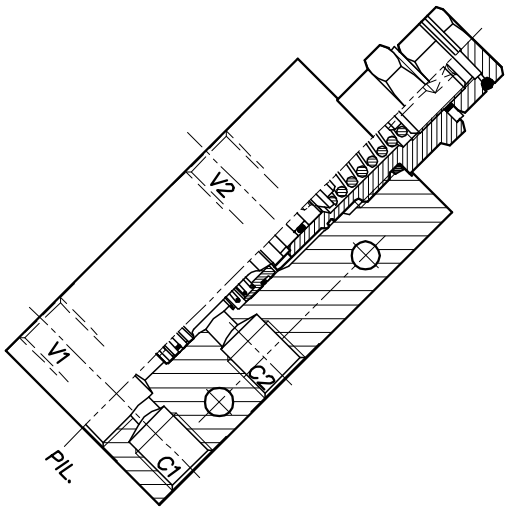
A	Acciaio zincato Zinc plated steel

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

1.03.02.12

OWC-30-CC-SE-14-L





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6**	Rated size
Portata min/max	**1/25 l/min - 0.26/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

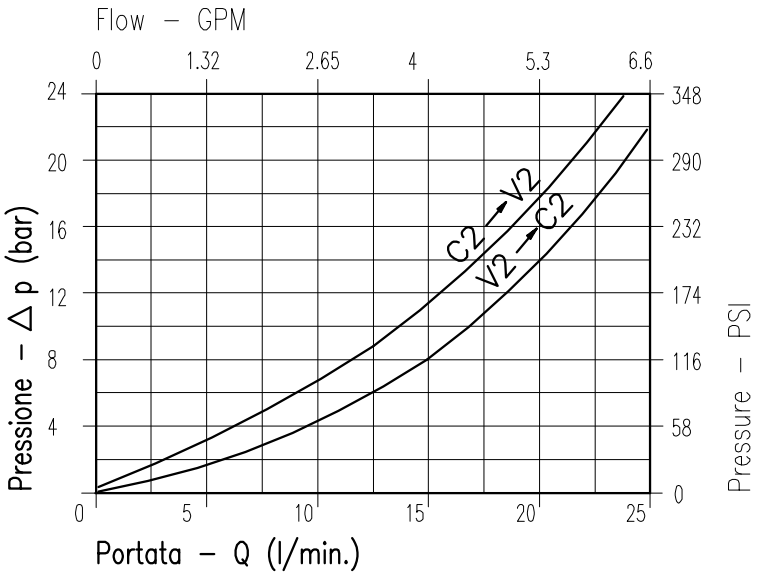
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

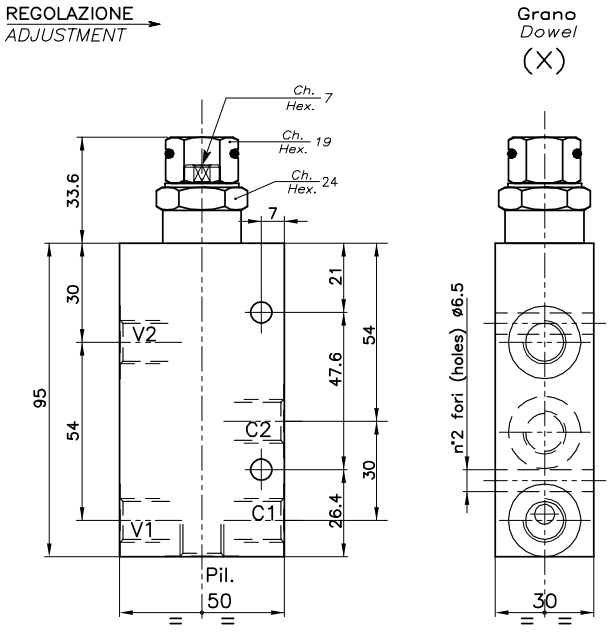
Max working pressure:

350 bar / 1.3 = 270 bar



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

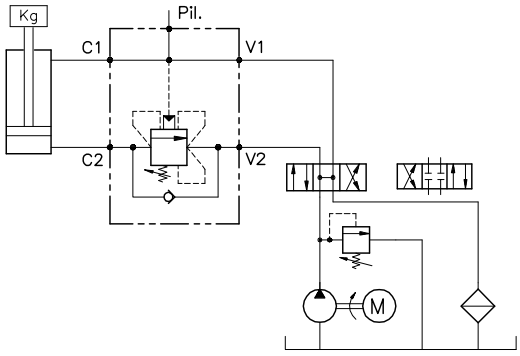
1.04.02.07



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

874

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)**

Rapporto di pilotaggio / Pilot ratios

O | 4 : 1

Regolazione / Adjustment

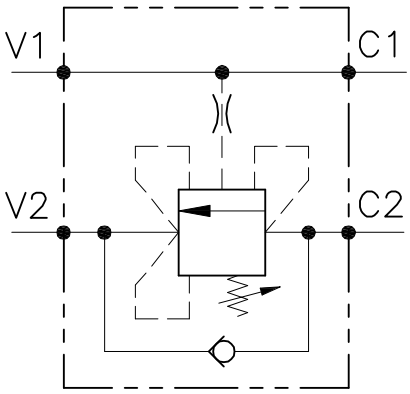
X | Grano - Dowel

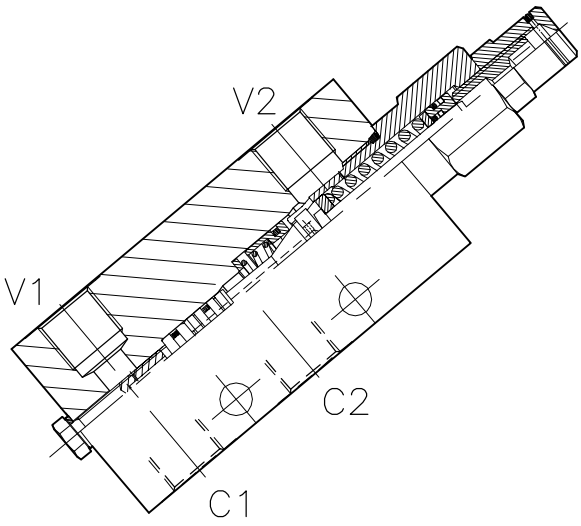
Collettore / Body

A | Acciaio zincato / Zinc plated steel

1.04.02.08

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





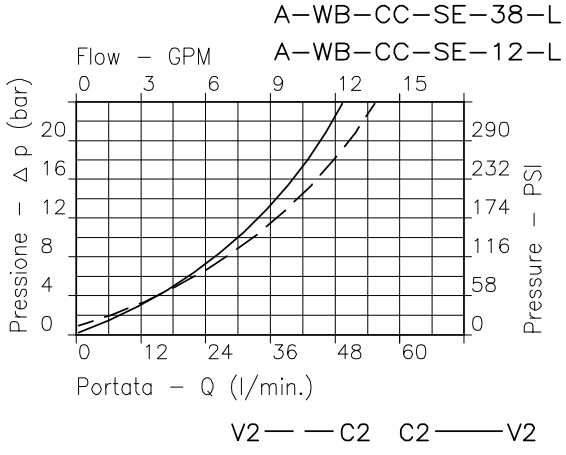
CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

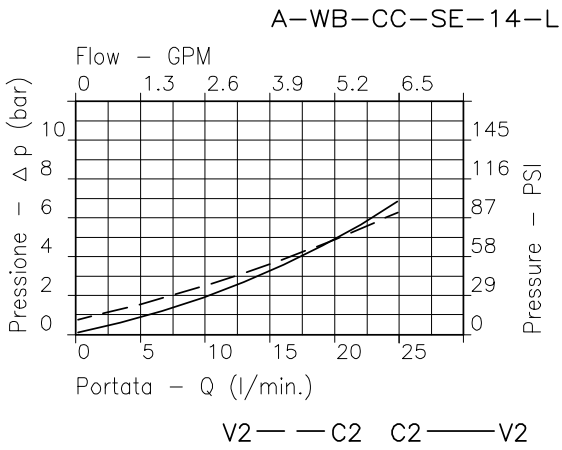
NOTE:

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:

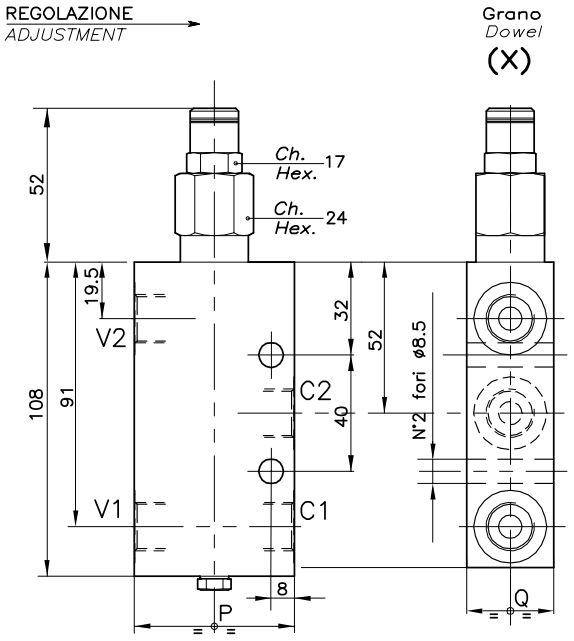
Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure



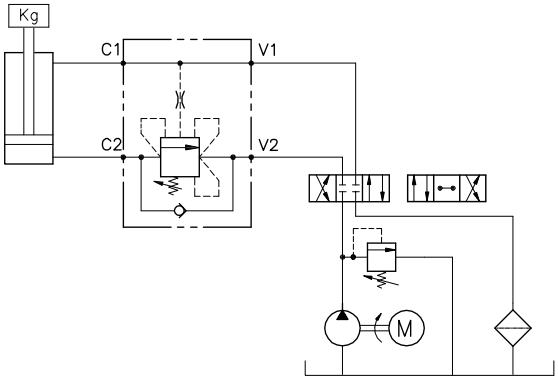


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

1.04.01.01



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			
446		447	
455		456	
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(60)**	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)**

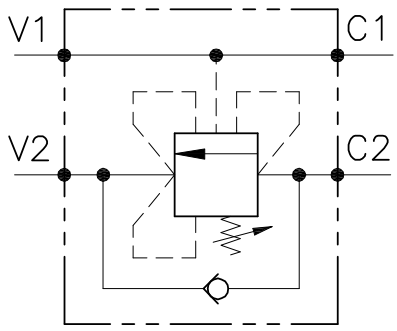
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

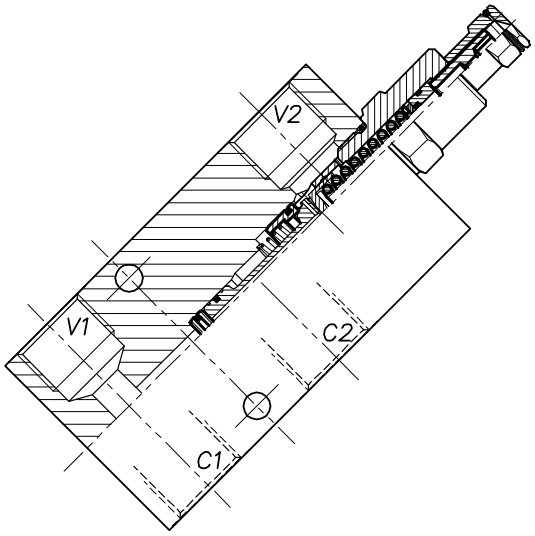
Regolazione Adjustment	
X	Grano - Dowel

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.04.01.02

OWC-SE-...-L-CC-..





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 12/14**	Rated size
Portata min/max	**1/160 l/min - 0.26/42.3 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30÷50 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

NOTE:

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

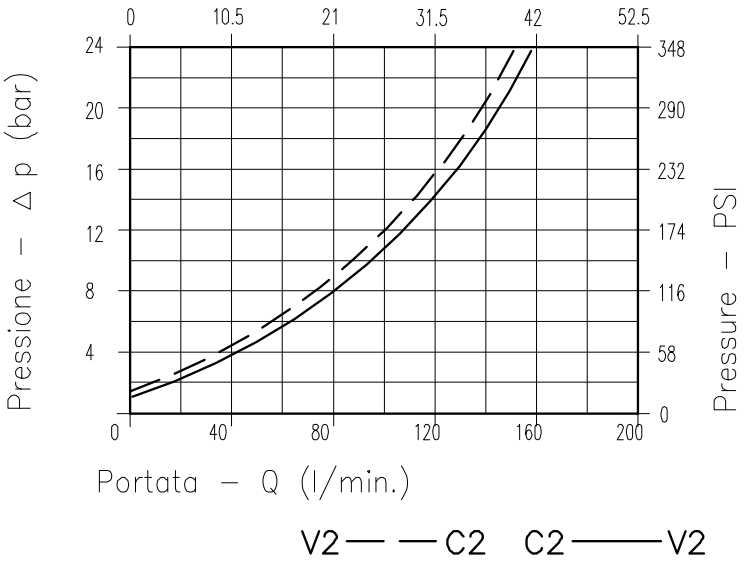
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

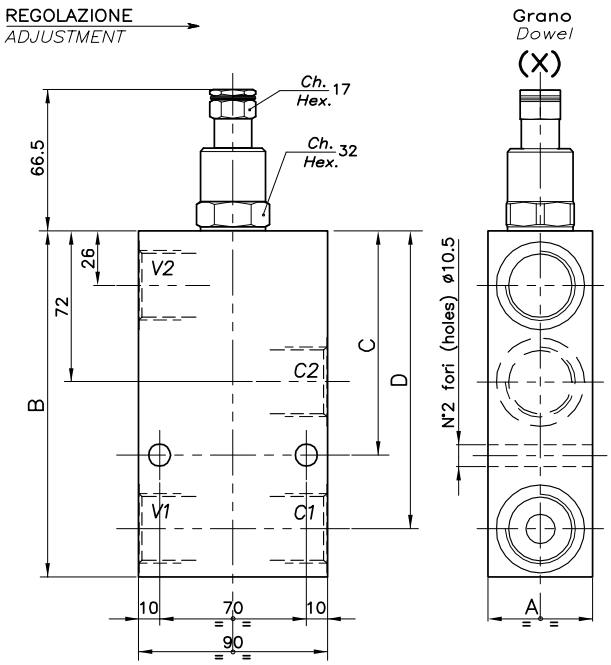
Pressione di lavoro max:

Max working pressure:

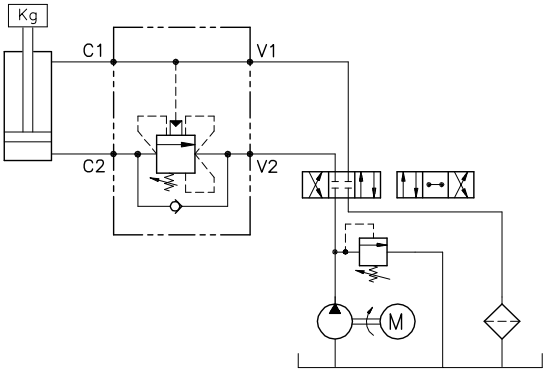
350 bar / 1.3 = 270 bar



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



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
468
469
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	**(140)**

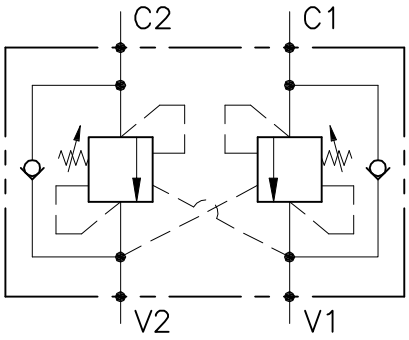
Rapporto di pilotaggio Pilot ratios	
O	6.2 : 1
G	4.1 : 1

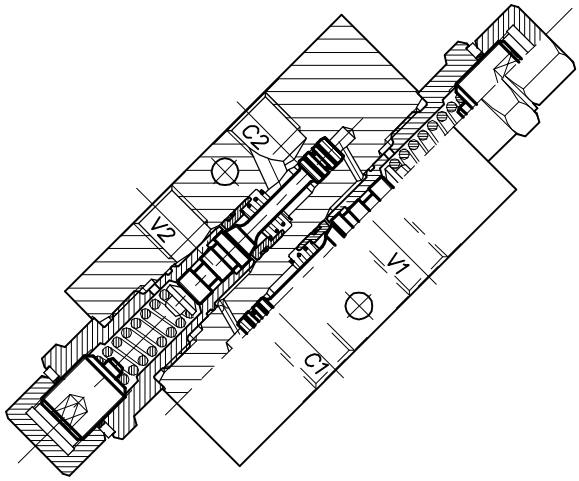
Regolazione Adjustment	
X	Grano - Dowel

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.04.02.02

OWC-30-DEI-14-L





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 6**	Rated size
Portata min/max	**1/25 l/min - 0.26/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso	**0.300 Kg**	Weight

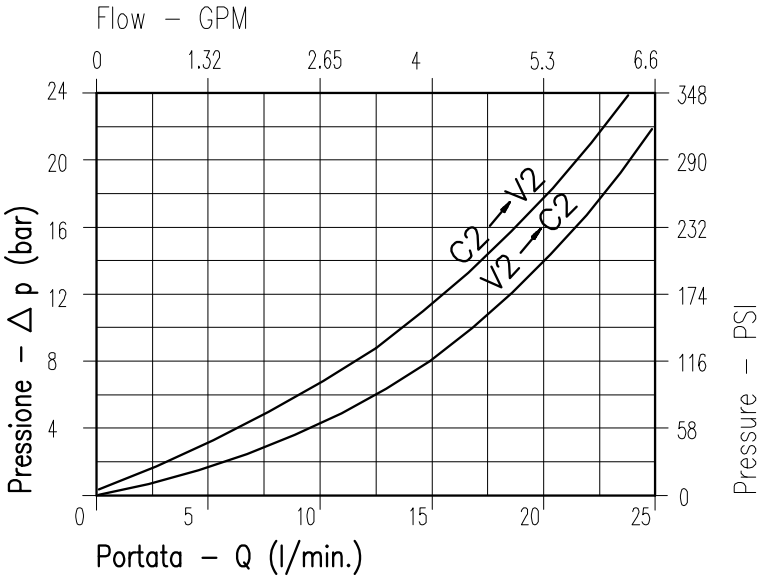
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

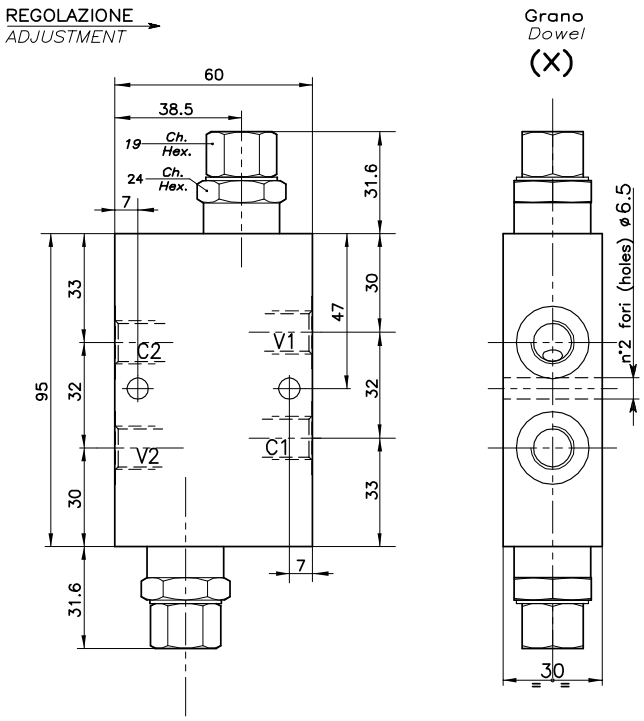
Max working pressure:

350 bar / 1.3 = 270 bar

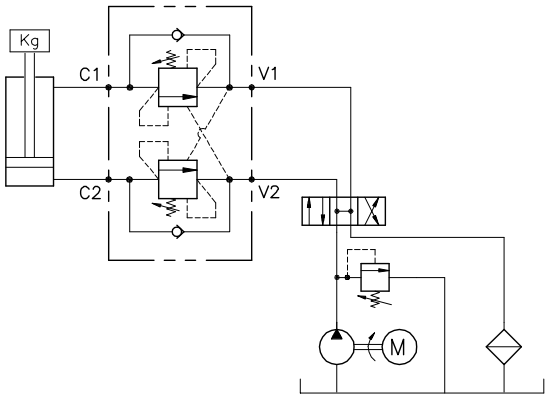


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.06.01.09



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 DN	Portata max Max flow-rate l/min - GPM
626	1/4"	6	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

O	4 : 1
F	7 : 1

Regolazione / Adjustment

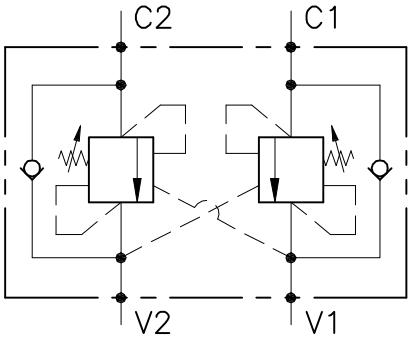
X	Grano - Dowel

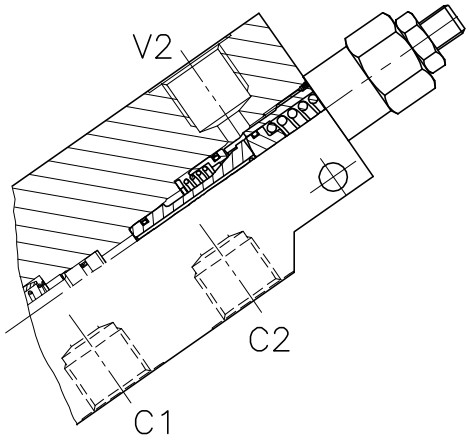
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

A-OWF-DE-...-LU-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

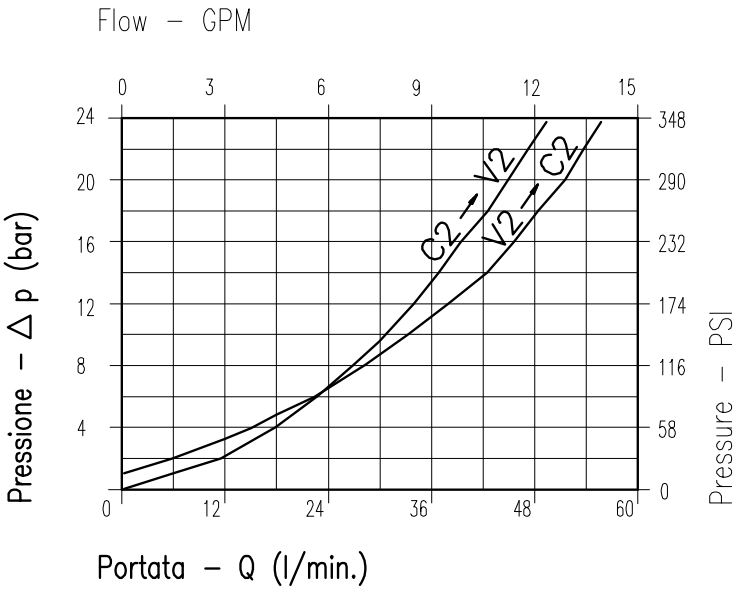
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

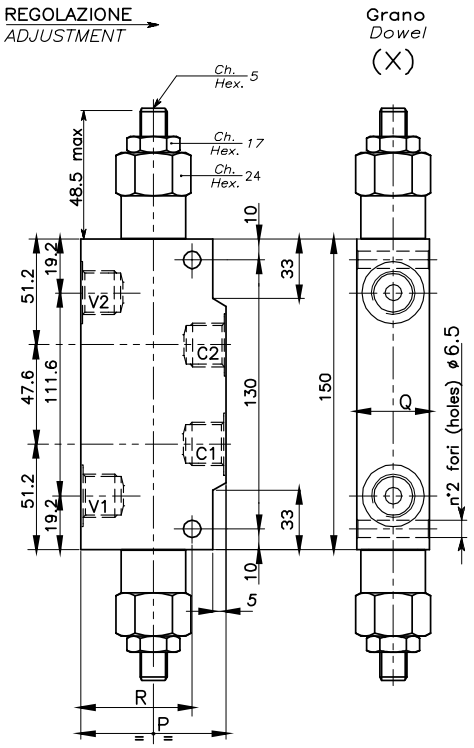
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

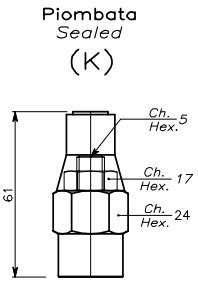
Max working pressure:

350 bar / 1.3 = 270 bar

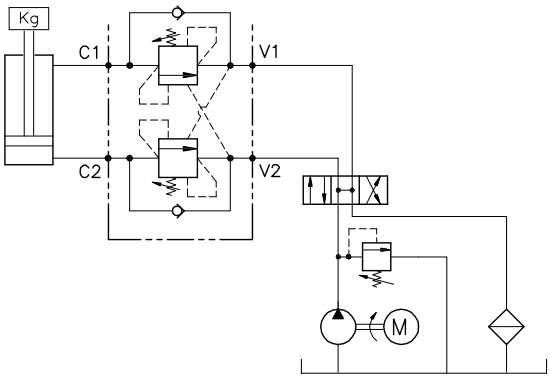


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C





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	
079	078
081	080
083	082
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') Std. bar setting (Q=5 l/1') **180 bar** / Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

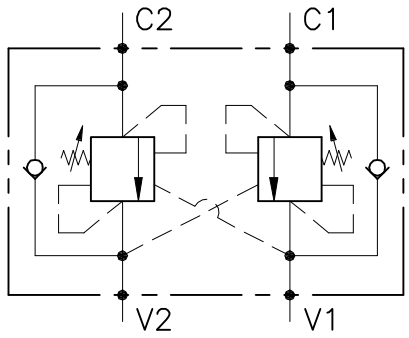
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

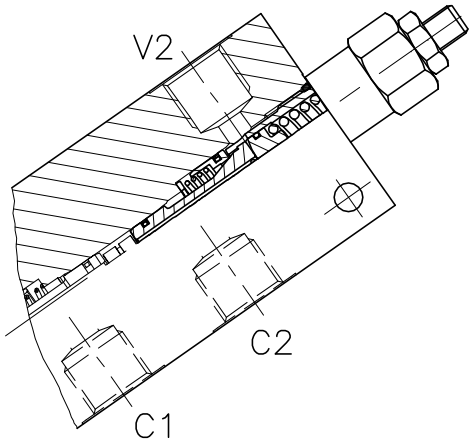
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

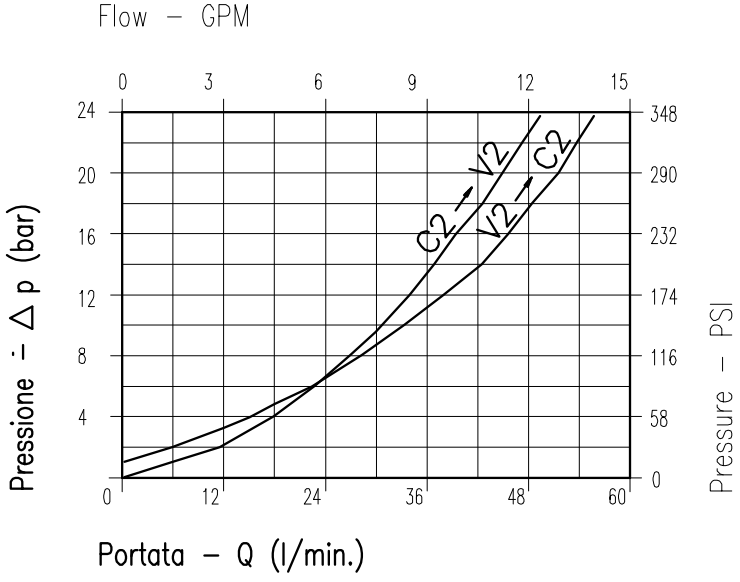
1.06.01.12

WB-C-DE-LU-...-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight



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

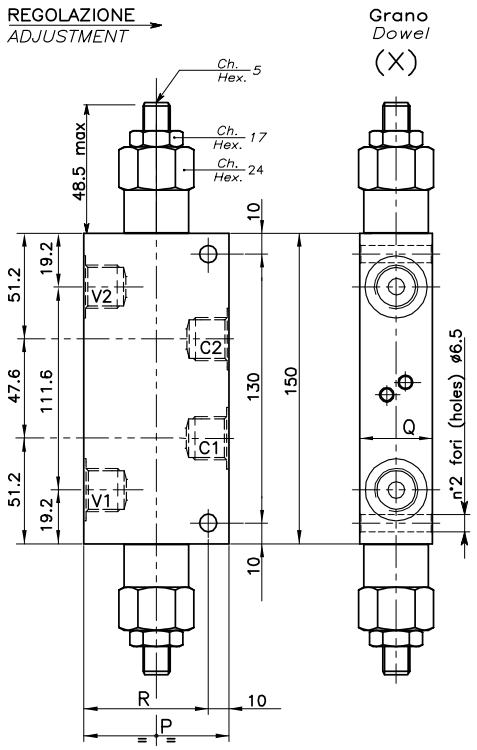
Valve should be set at **1.3** times load induced pressure.

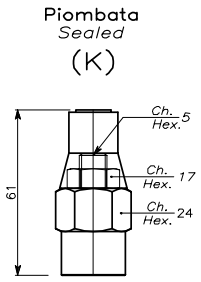
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

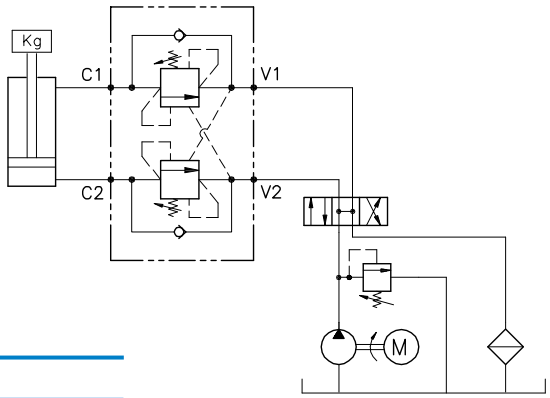
350 bar / 1.3 = 270 bar

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





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
256	257	60	30	50	3/8"	8	40-10
258	259	70	35	60	1/2"	10	60 -15

CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 256 . 0 X 0 . A

Campo taratura / Setting range

256	257
258	259
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') Std. bar setting (Q=5 l/1') **180 bar** / Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

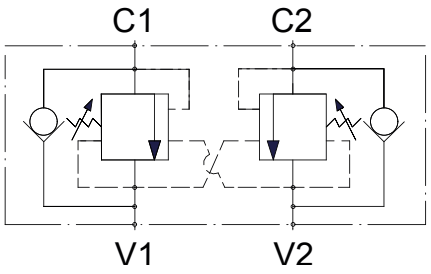
X	Grano - Dowel
K	Piombata - Sealed

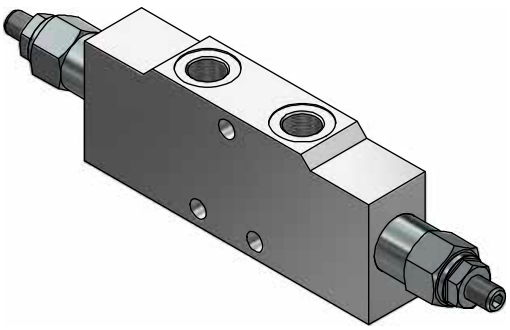
Collettore / Body

A	Acciaio zincato Zinc plated steel

258	Collettore possibile in AL togliendo "A"
259	
256	Available aluminium body without "A"
257	

A-OWC-DE-...-OM





CARATTERISTICHE

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

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Standard pilot ratio
Recommended room temperature
Recommended oil temperature
Recommended filtration

NOTE:

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

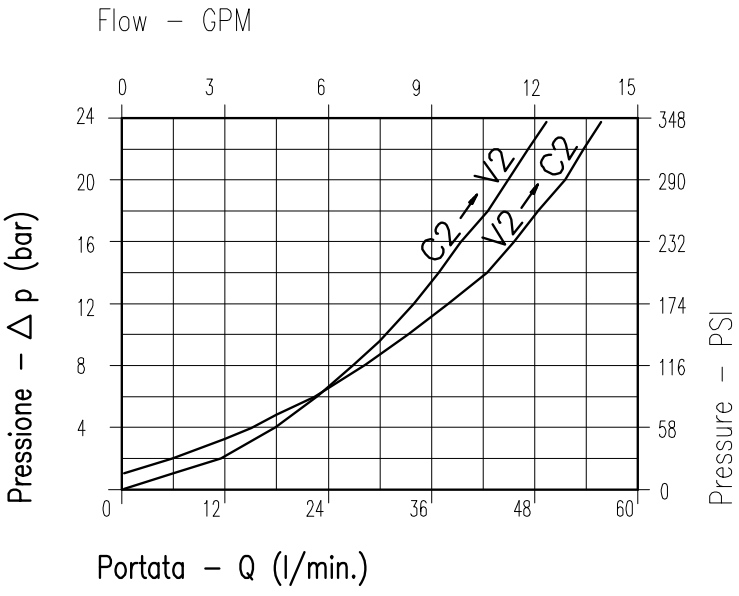
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

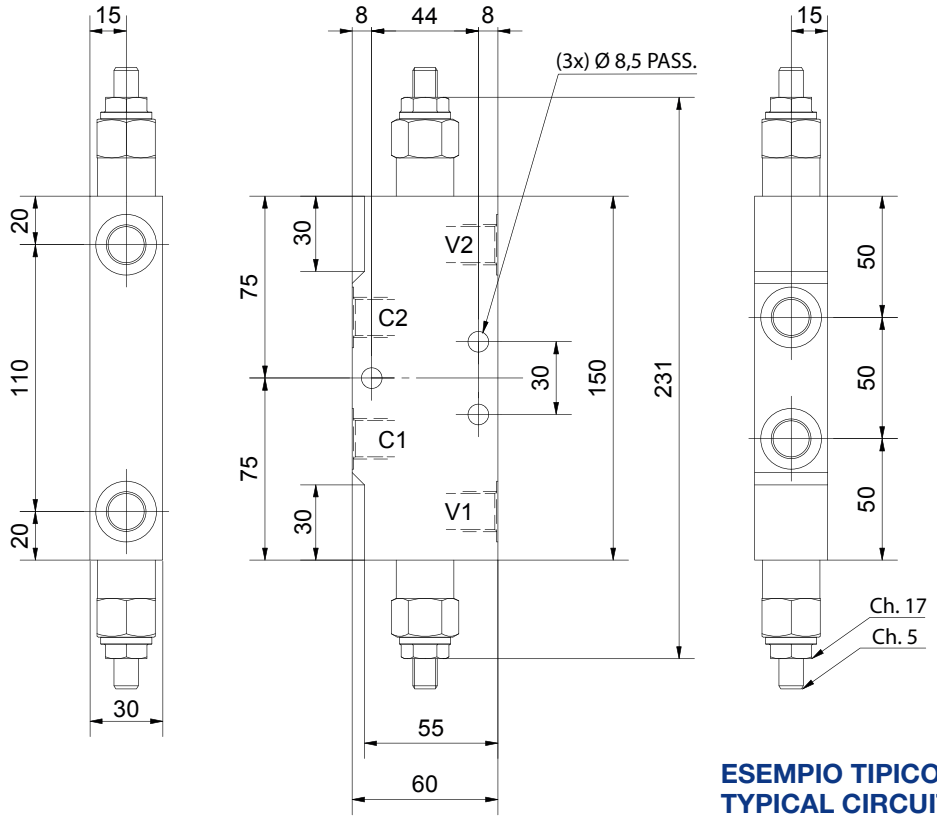
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



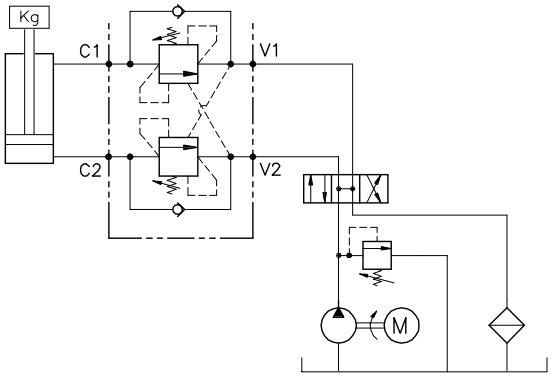
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI
DIMENSIONS

Numero valvola Valve number		Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM	Peso valvola Valve weight Kg.
892	886	3/8"	8	40-10	2.072
893	887	1/2"	10	60-15	2.007

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 886 . 0 X 0 . A

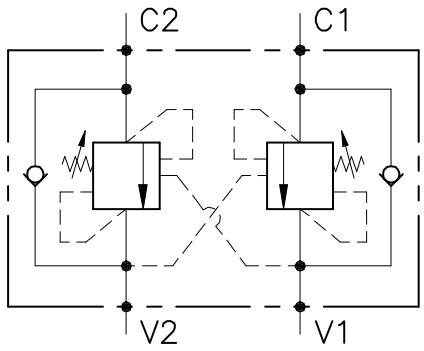
Campo taratura / Setting range			
892		886	
893		887	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

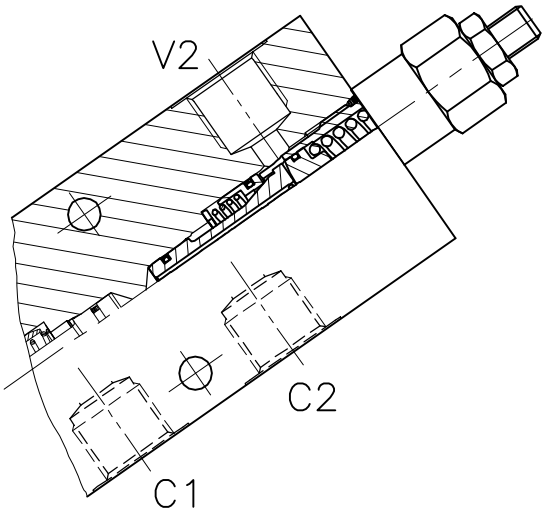
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso	**2.586 Kg**	Weight

NOTE:

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

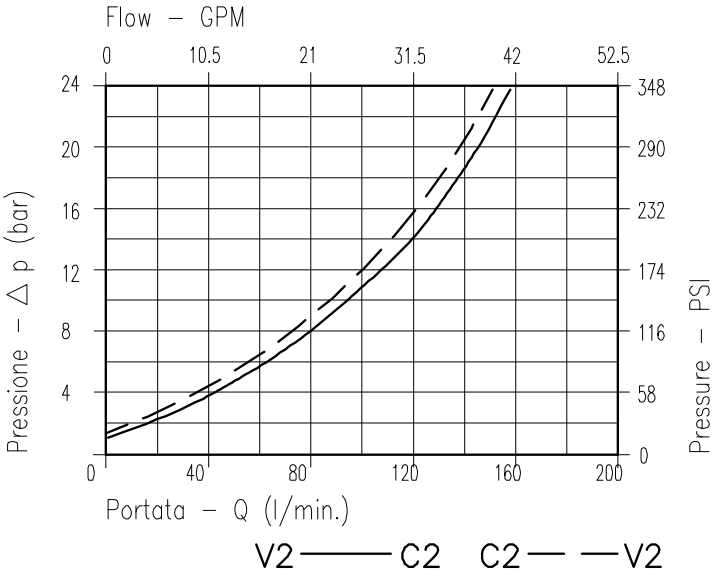
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

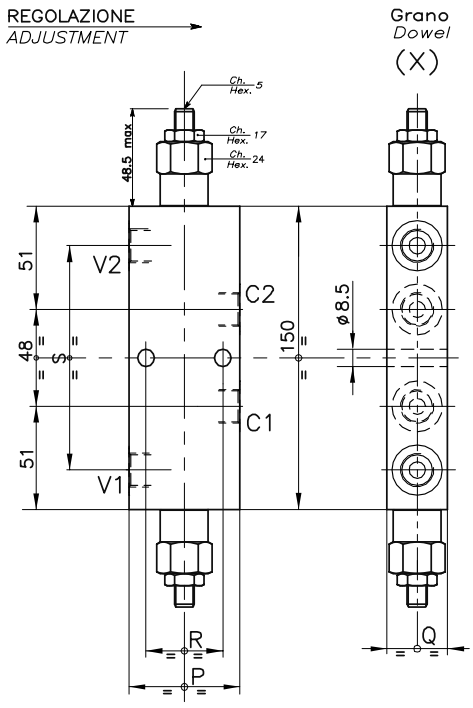
Pressione di lavoro max:

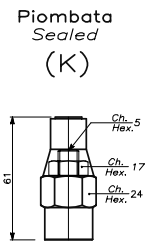
Max working pressure:

350 bar / 1.3 = 270 bar

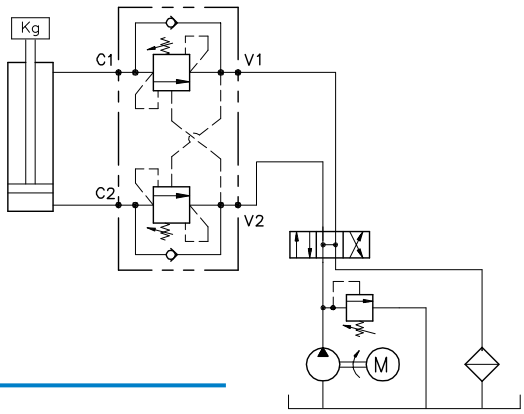


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C





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
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) 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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

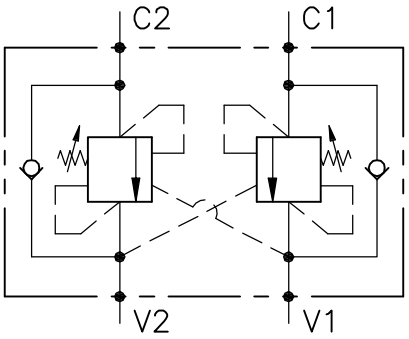
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

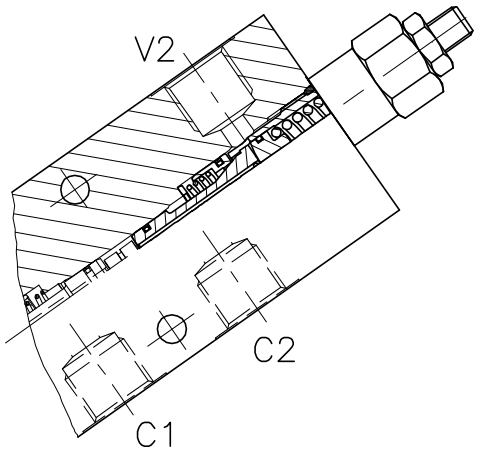
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

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

WB-DE-...-OIL-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**5/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso	**3/8" Kg**	Weight
Peso	**1/2" Kg**	Weight

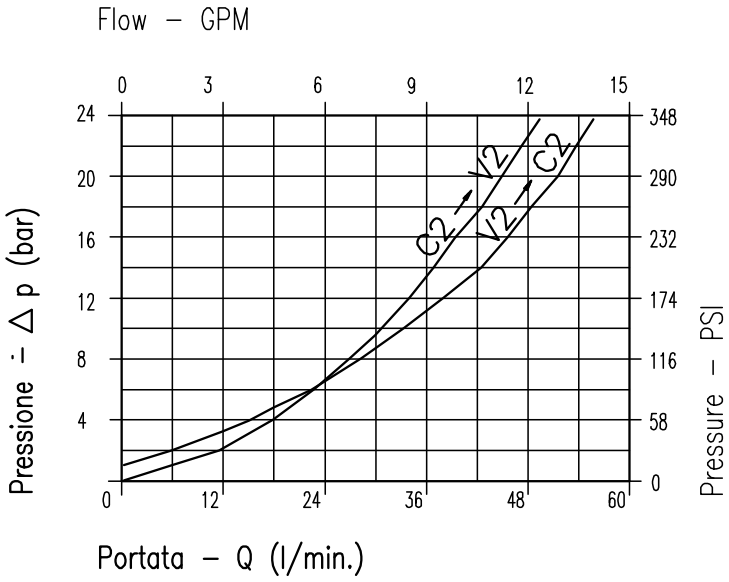
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

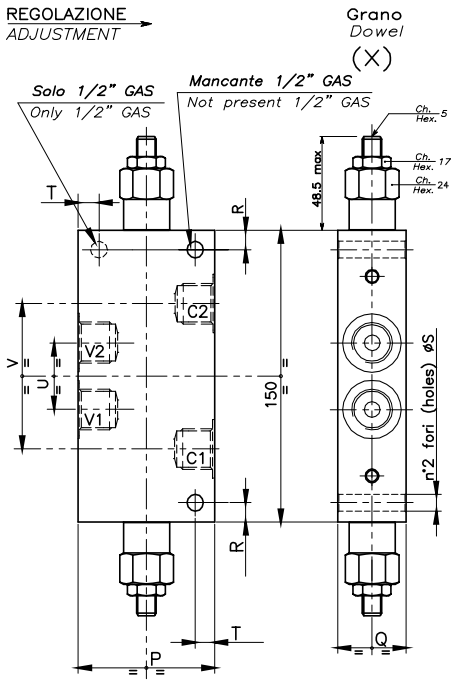
Max working pressure:

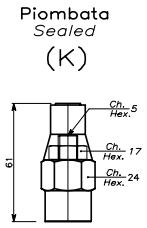
350 bar / 1.3 = 270 bar



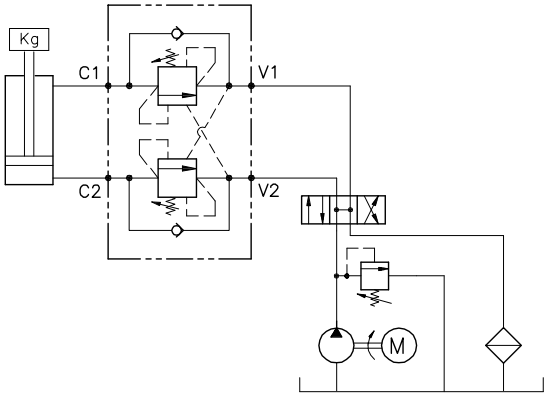
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.06.01.19





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

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

O	4 ,25 : 1
D	8 : 1

Regolazione / Adjustment

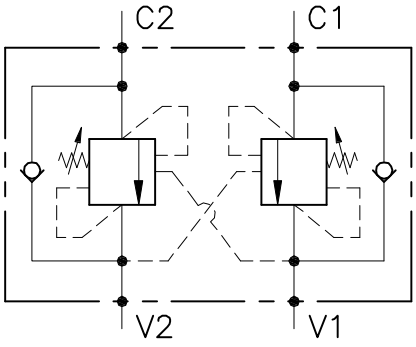
X	Grano - Dowel
K	Piombata - Sealed

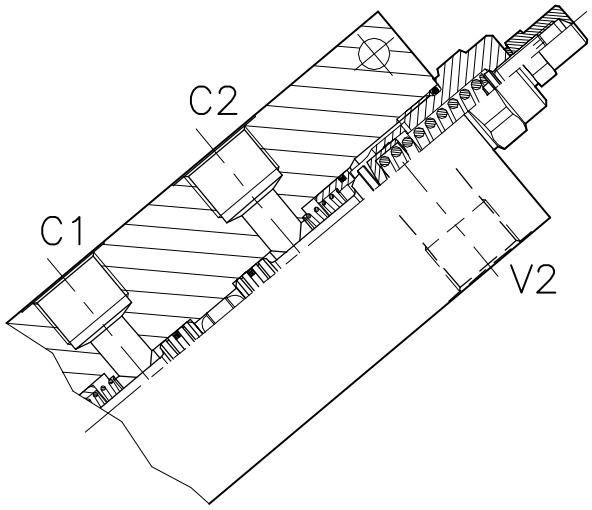
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

OWC-DE-...-LU-...





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 12/14**	Rated size
Portata min/max	**1/160 l/min - 0.26/42.3 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

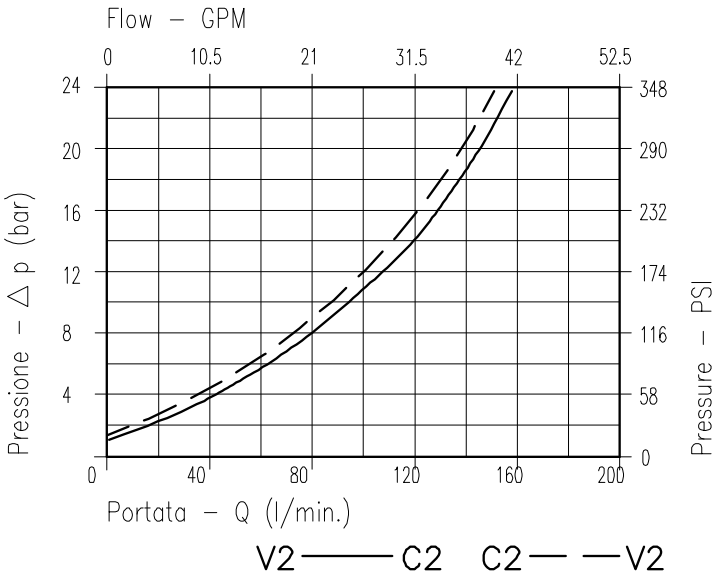
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

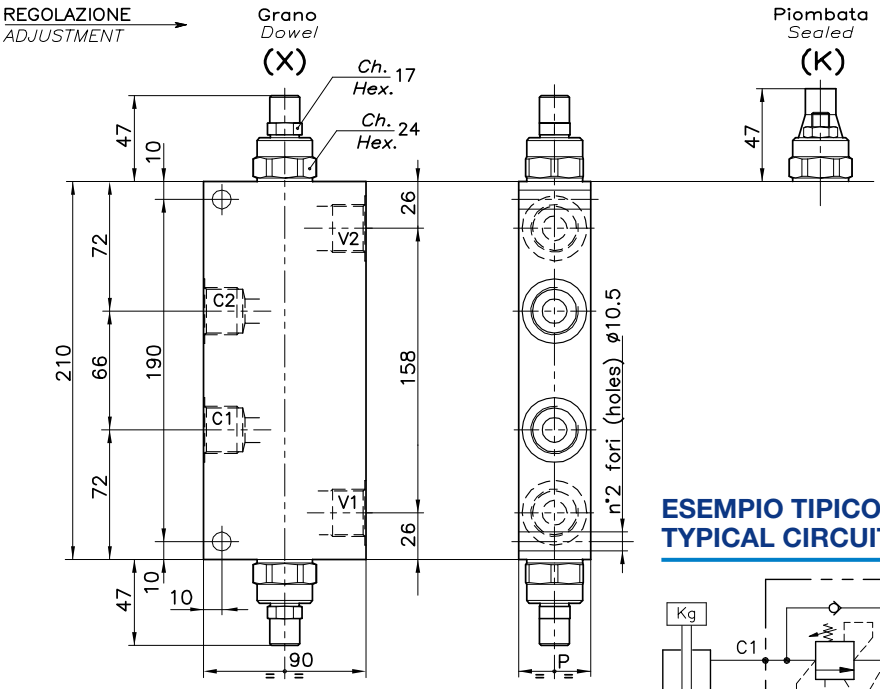
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

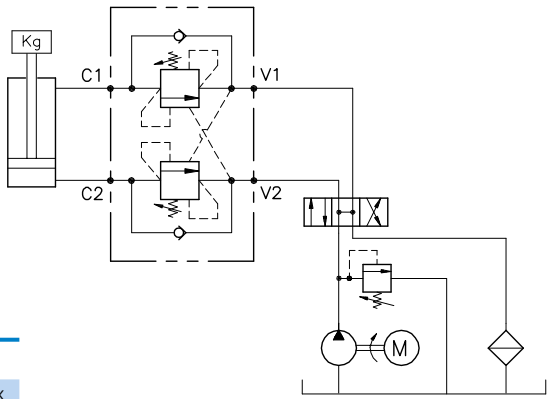
350 bar / 1.3 = 270 bar



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



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
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

453

454

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

O	6.20 : 1
G	4 : 1

Regolazione / Adjustment

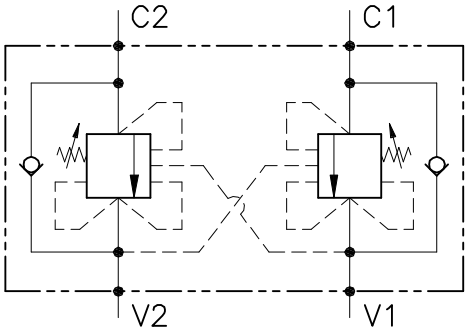
X	Grano - Dowel
K	Piombata - Sealed

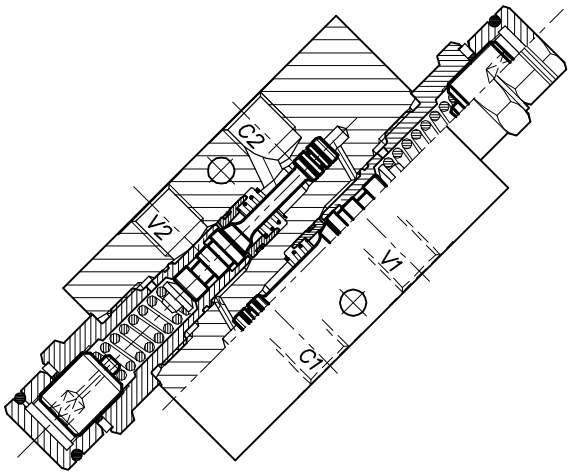
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

OWC-CC-30-DEI-14-L





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 6**	Rated size
Portata min/max	**1/25 l/min - 0.26/6.6 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso	**0.300 Kg**	Weight

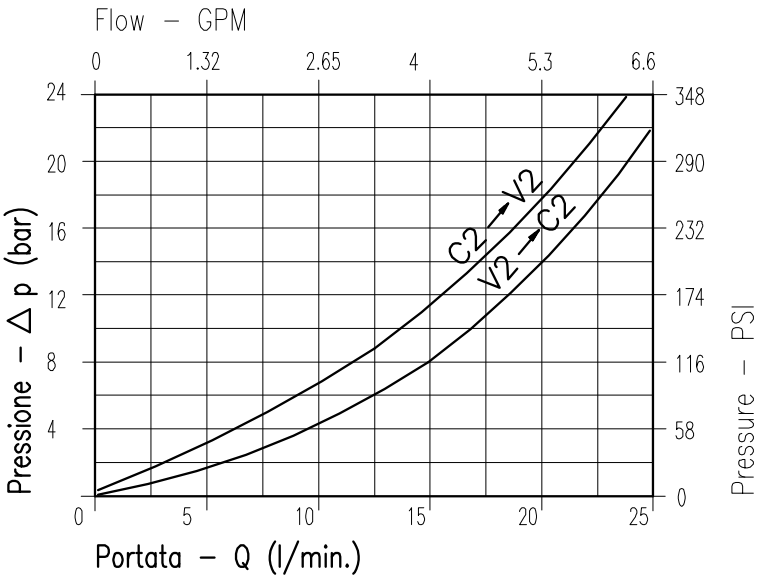
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

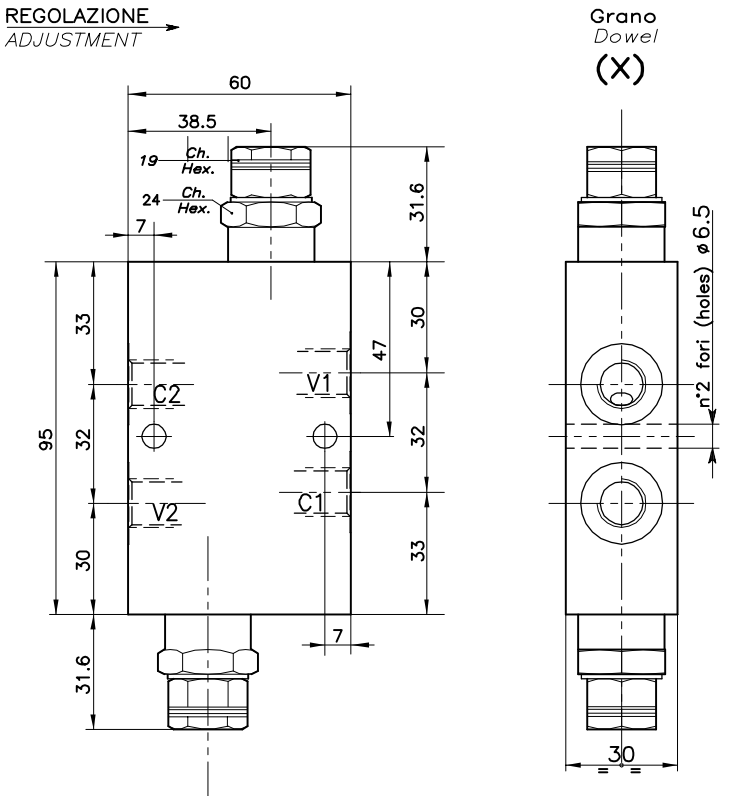
Max working pressure:

350 bar / 1.3 = 270 bar



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

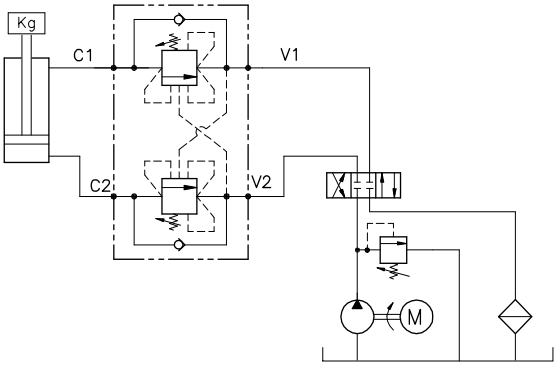
1.07.05.01



DIMENSIONI
DIMENSIONS

Campo taratura Setting range	Attacchi Port size V1-C1 V2-C2 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
669	1/4"	6	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')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(75)**

Rapporto di pilotaggio / Pilot ratios

O	4 : 1
F	7 : 1

Regolazione / Adjustment

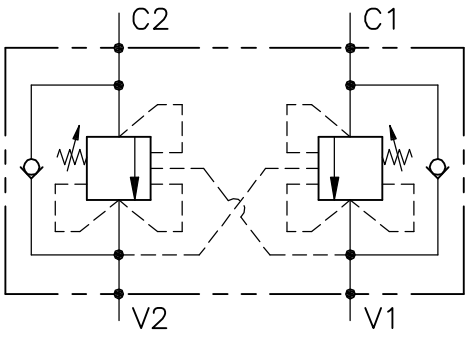
X	Grano - Dowel

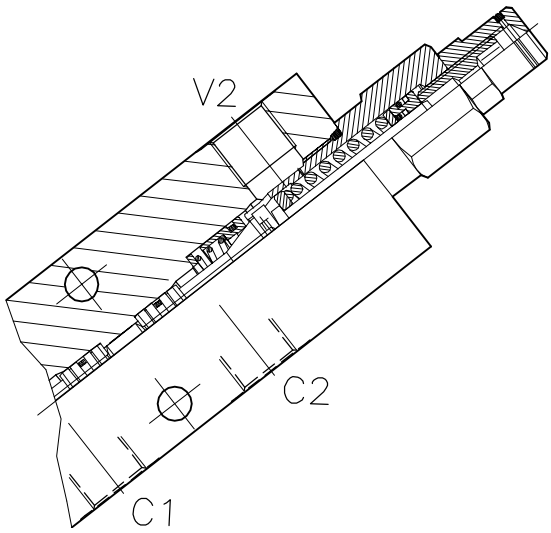
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

A-WB-CC-DE-LU-...-...





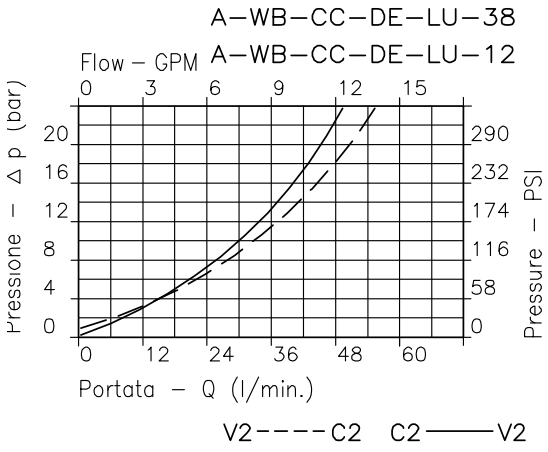
CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso	**0.300 Kg**	Weight

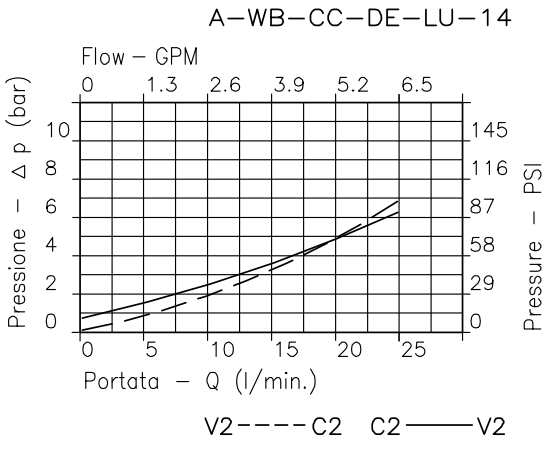
NOTE:

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

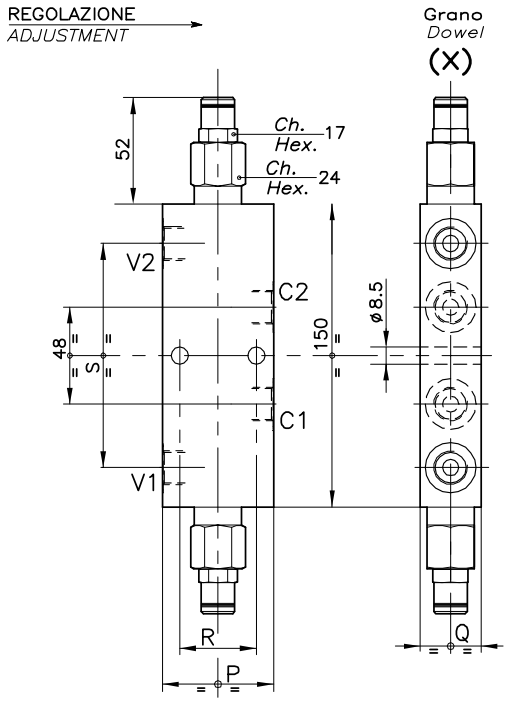
ESEMPIO/EXAMPLE:

Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure

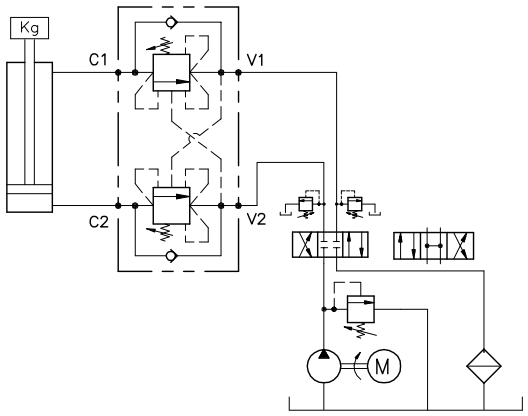




Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



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			
460		459	
462		461	
Campo taratura 30÷220 bar (molla colore verde)		Campo taratura 60÷350 bar (molla colore rosso)	
Setting range 30÷220 bar (green spring)		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)**

Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

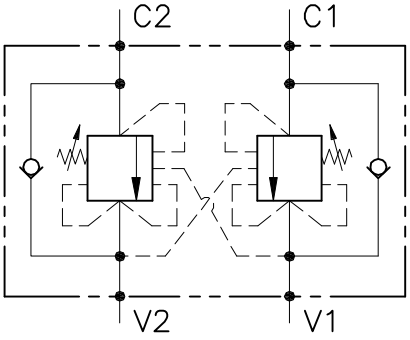
Regolazione Adjustment	
X	Grano - Dowel

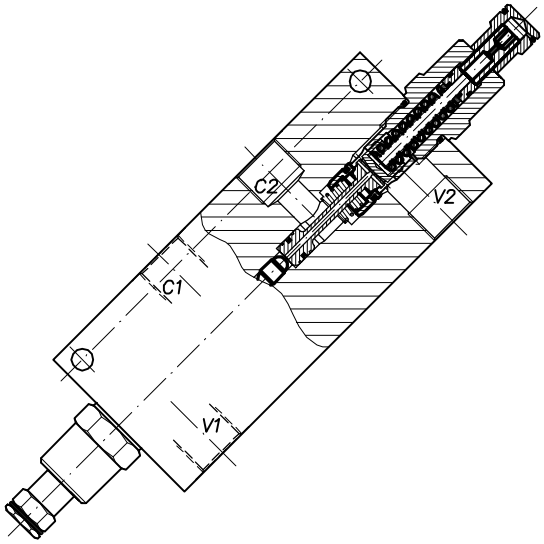
Collettore Body	
A	Acciaio zincato Zinc plated steel

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

1.07.01.02

OWC-DE-...-LU-CC-...





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 12/14**	Rated size
Portata min/max	**1/160 l/min - 0.26/42.3 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight

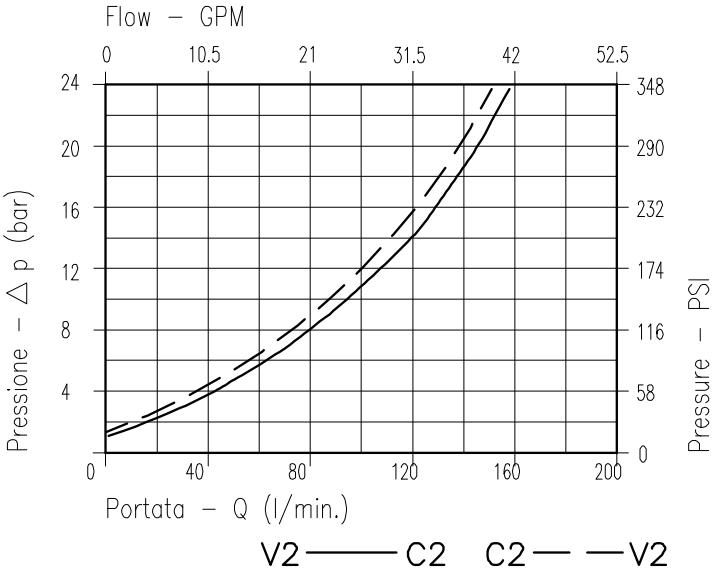
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

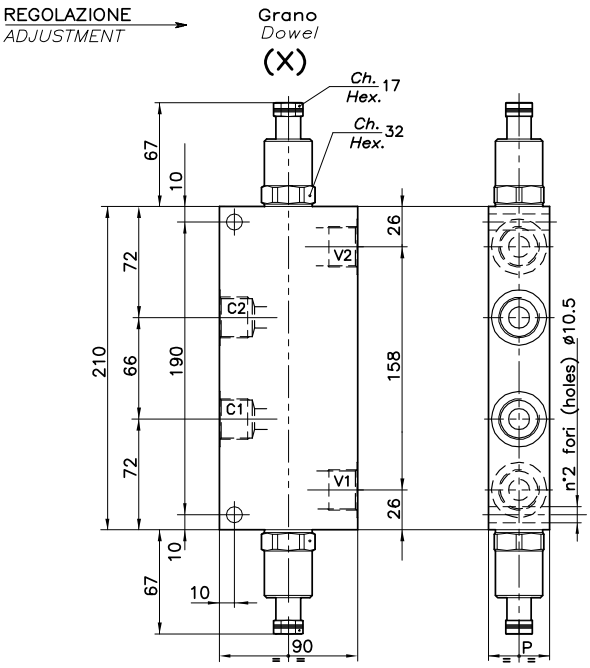
Max working pressure:

350 bar / 1.3 = 270 bar

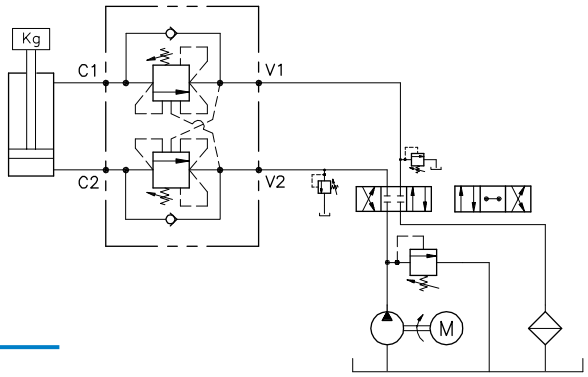


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.07.01.03



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')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(140)**

Rapporto di pilotaggio / Pilot ratios

O	6.2 : 1
G	4 : 1

Regolazione / Adjustment

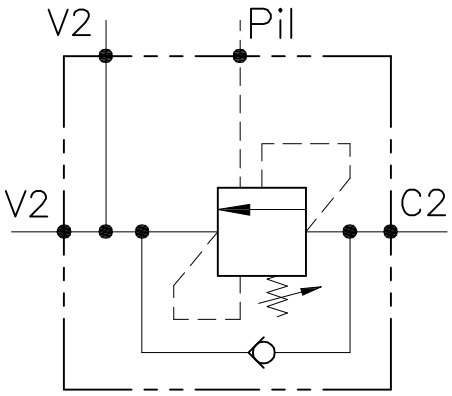
X	Grano - Dowel

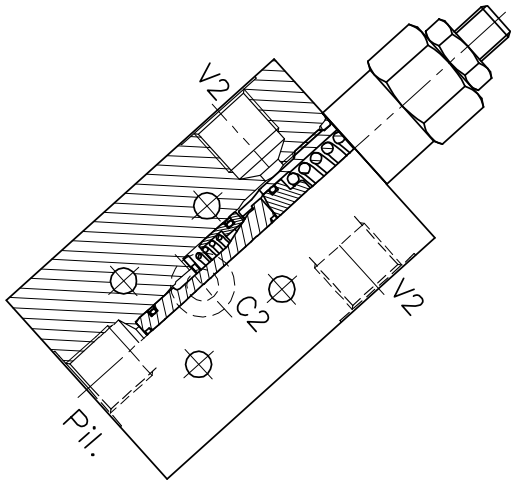
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8**	Rated size
Portata min/max	**1/40 l/min - 0.26/10.6 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

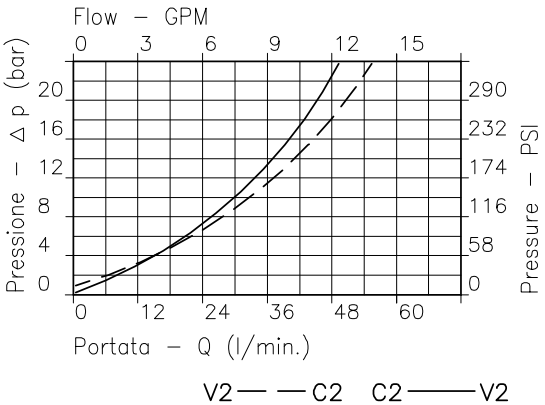
NOTE:

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

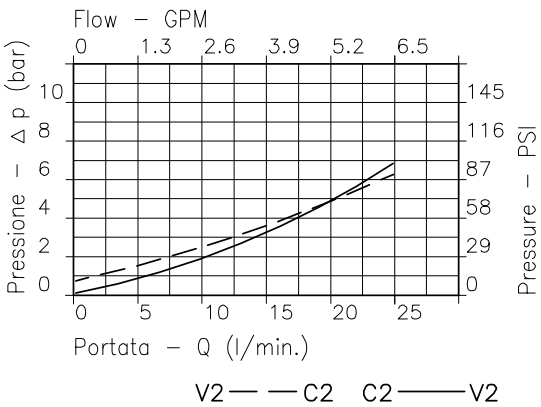
ESEMPIO/EXAMPLE:

Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure

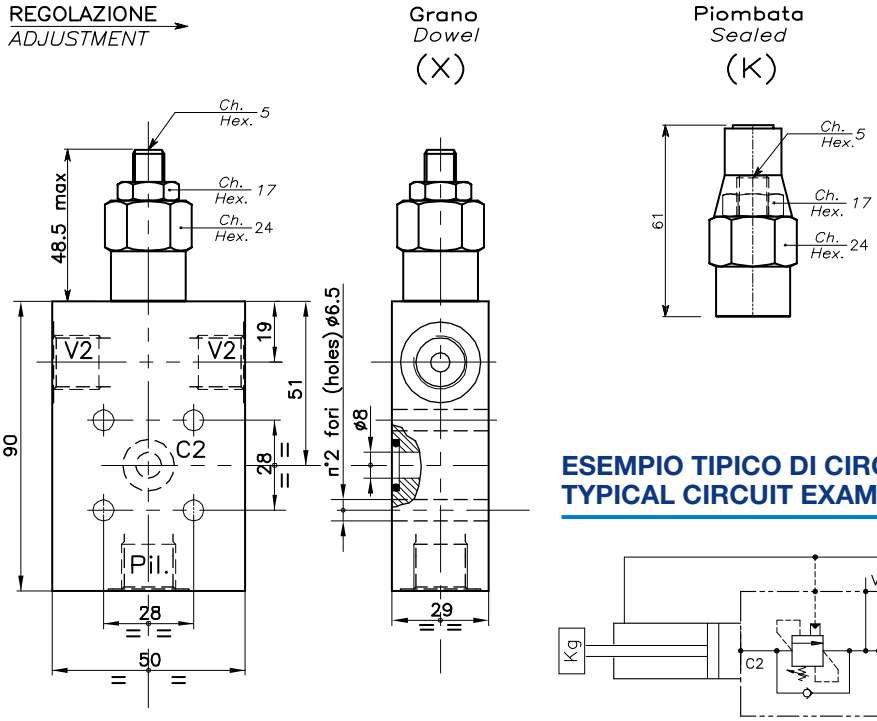
OWC-SE-38-FC1-B04



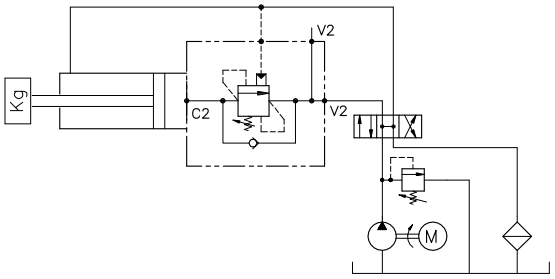
OWC-SE-14-FC1-B04



1.05.02.01



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 DN	Portata max Max flow-rate 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			
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
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)**

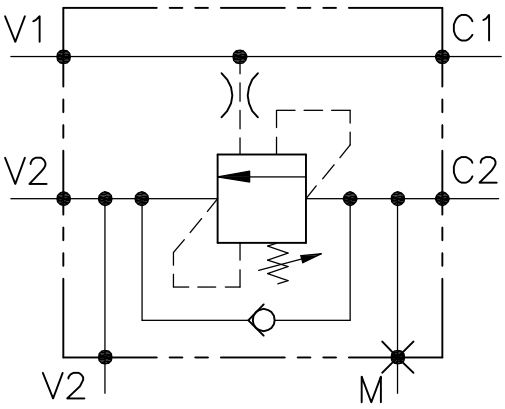
Rapporto di pilotaggio / Pilot ratios	
O	4.25 : 1
D	8 : 1

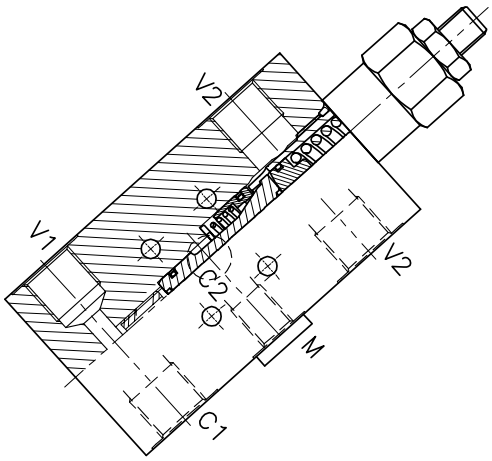
Regolazione / Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore / Body	
A	Acciaio zincato Zinc plated steel

1.05.02.02

WBN-SE-F28-...





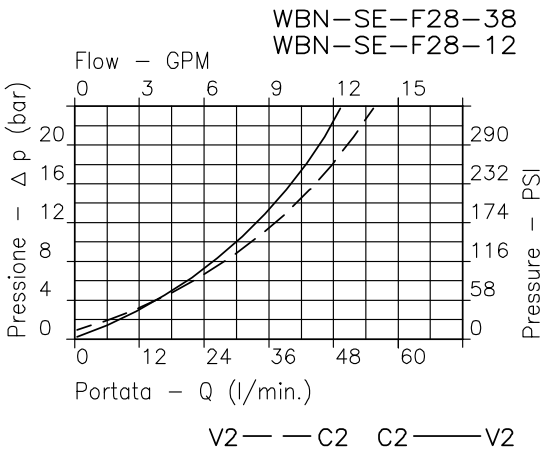
CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6/8**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

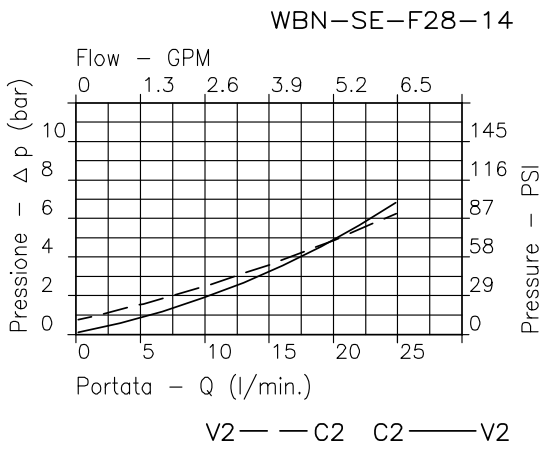
NOTE:

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

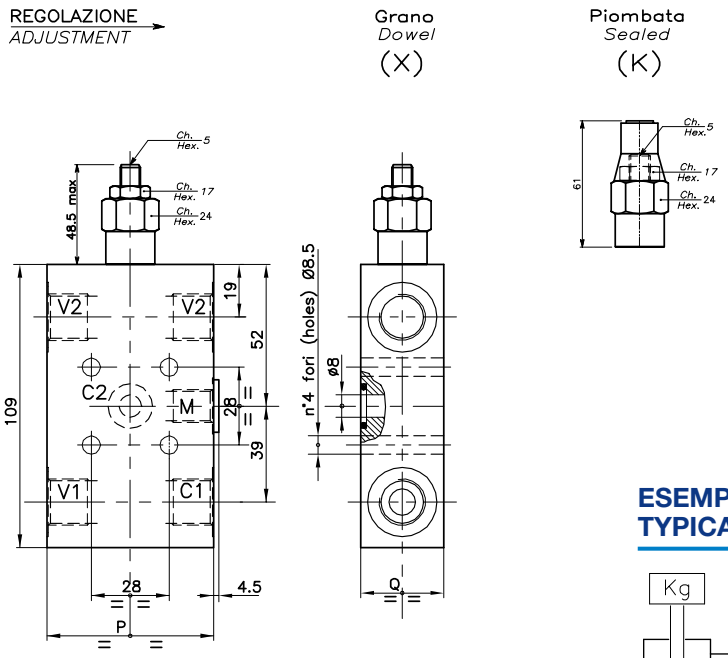
ESEMPIO/EXAMPLE:

Pressione di lavoro max **350 bar / 1.3 = 270 bar** Max working pressure

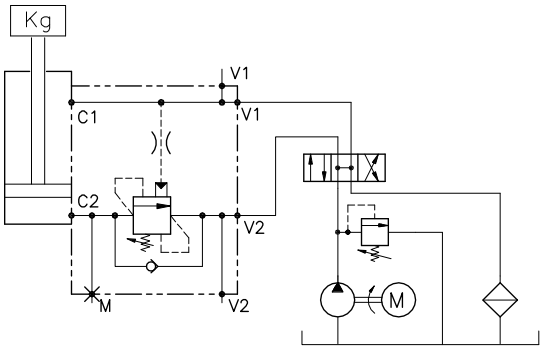




Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C



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

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

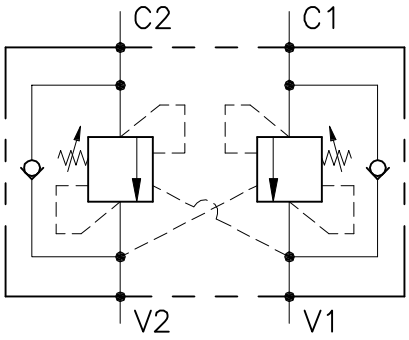
X	Grano - Dowel
K	Piombata - Sealed

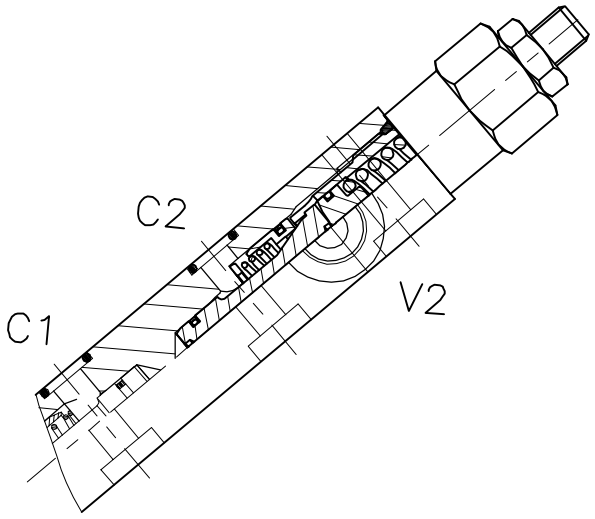
Collettore / Body

A	Acciaio zincato Zinc plated steel

1.05.02.10

OWC-DE-...-LU-FC2-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**Pag. 02**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso	**3/8" GAS 0.991 Kg**	Weight
Peso	**1/2" GAS 1.231 Kg**	Weight

NOTE:

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

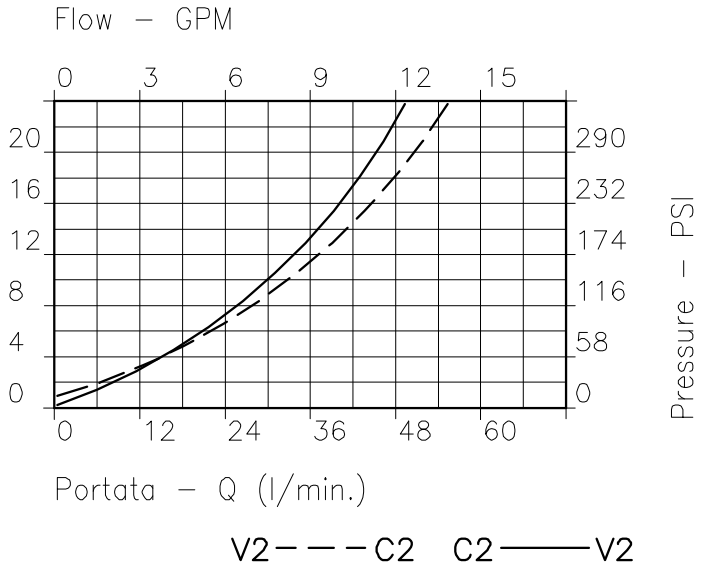
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

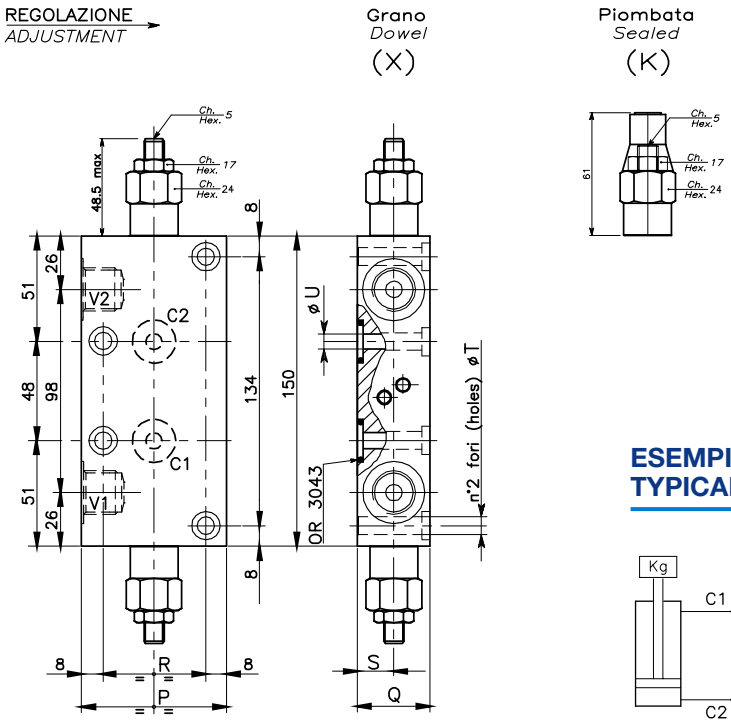
Pressione di lavoro max:

Max working pressure:

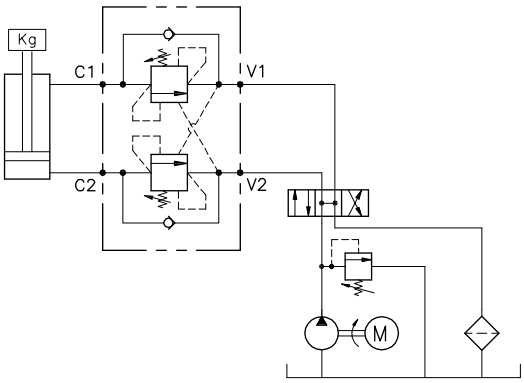
350 bar / 1.3 = 270 bar



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



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



DIMENSIONI
DIMENSIONS

Campo taratura Setting range		P	Q	R	S	T	U	Attacchi Port size V2-V1 GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
069	022	60	29.5	44	14.5	6.5	6	3/8"	8	40-10
070	023	70	34.5	54	17	8.5	8	1/2"	10	60-15

CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 069 . 0 X 0 . A

Campo taratura / Setting range			
069		022	
070		023	
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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	
O	4.25 : 1
D	8 : 1

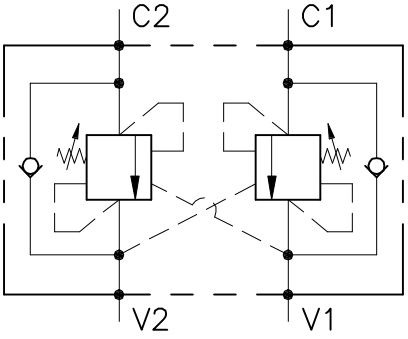
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

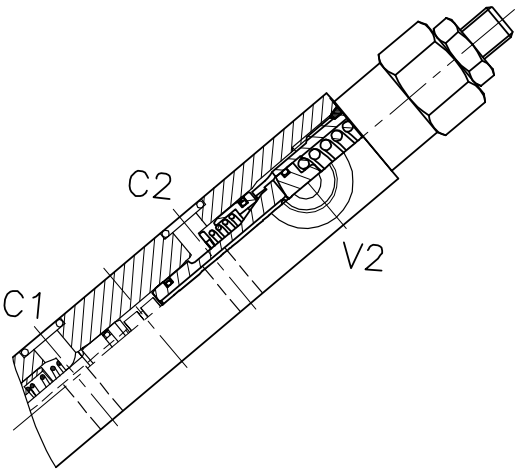
Collettore Body	
A	Acciaio zincato Zinc plated steel

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

1.08.02.02

WB-DE-...-LU-FC2-OIL-...-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight
Peso		Weight

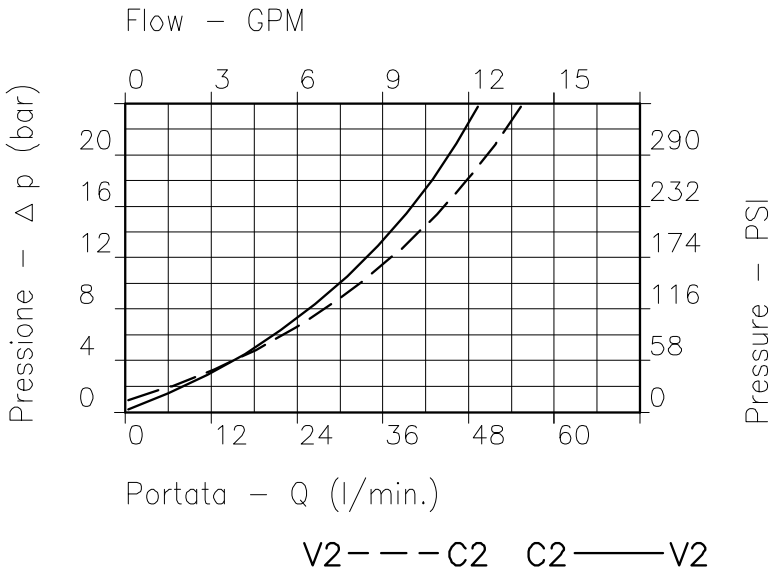
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

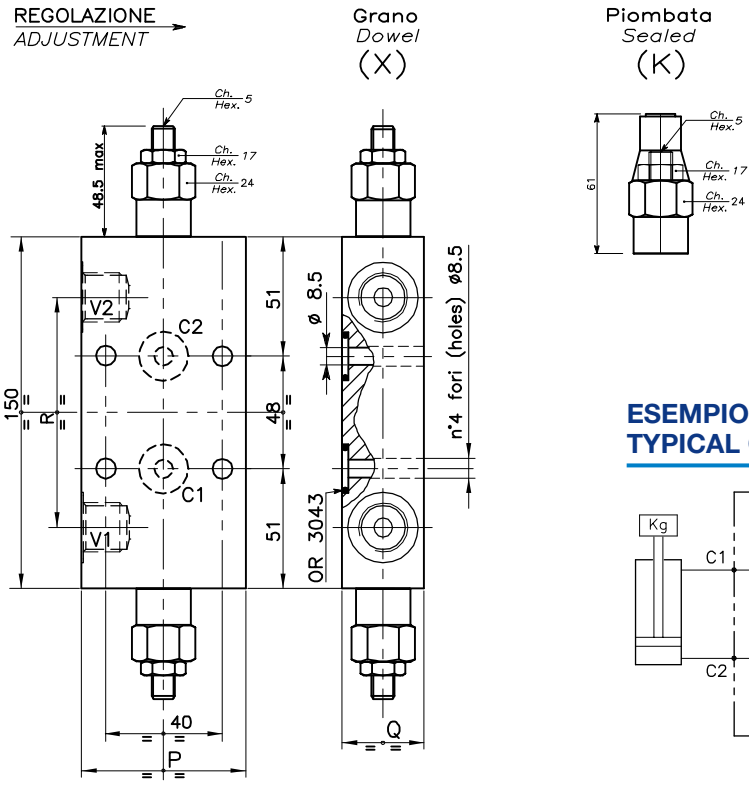
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

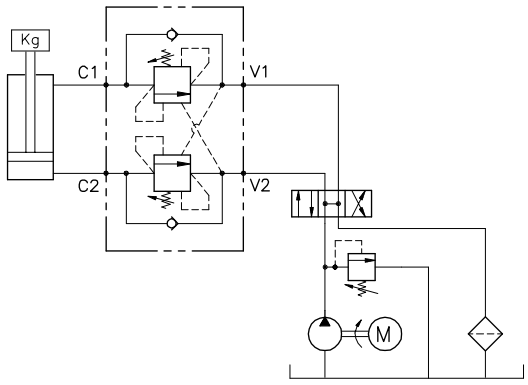
350 bar / 1.3 = 270 bar



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



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			
047		026	
889		680	
049		028	
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

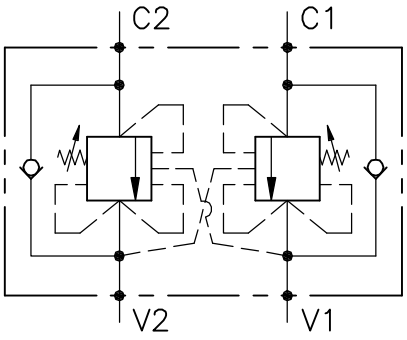
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

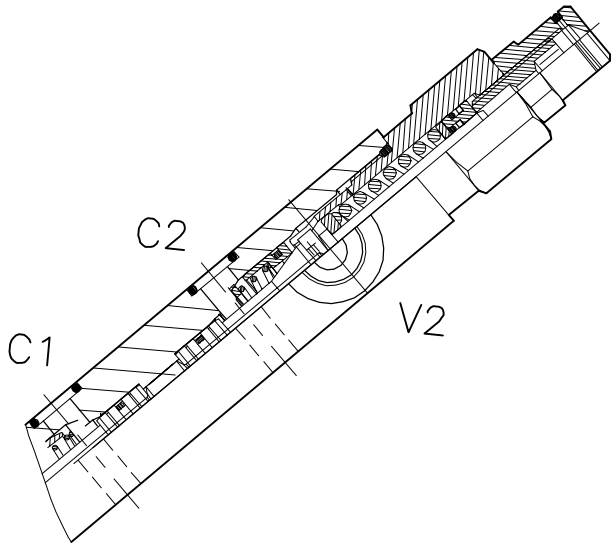
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.08.02.06

WB-CCN-DE-...-LU-FC2-OIL-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

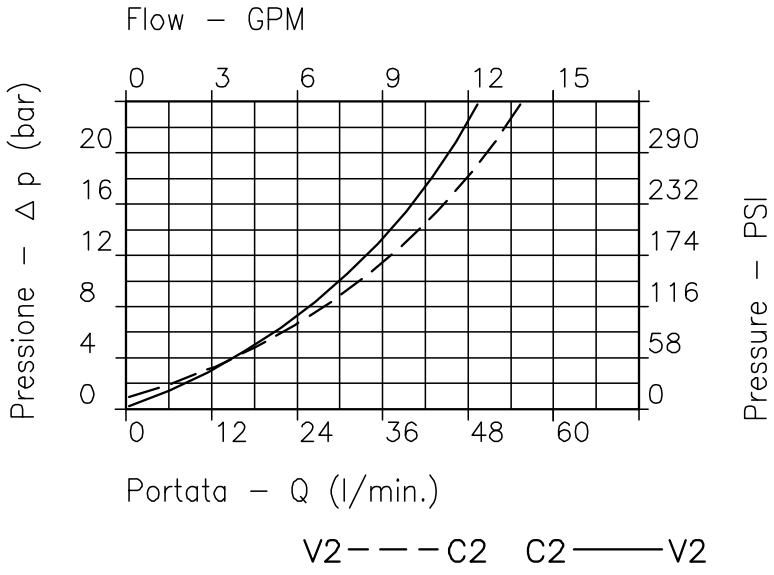
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

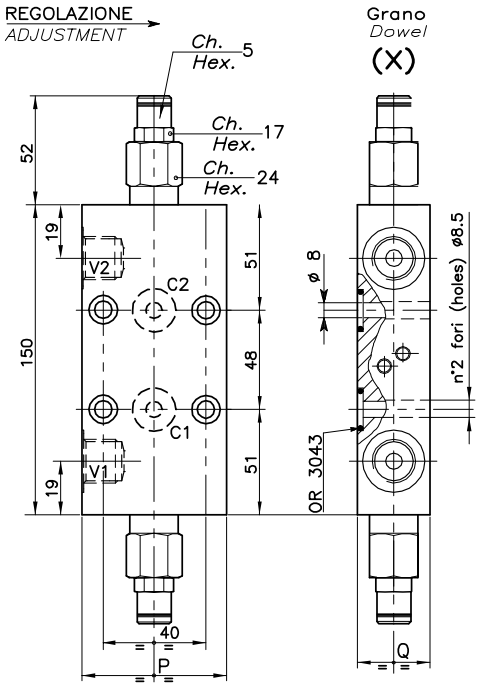
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

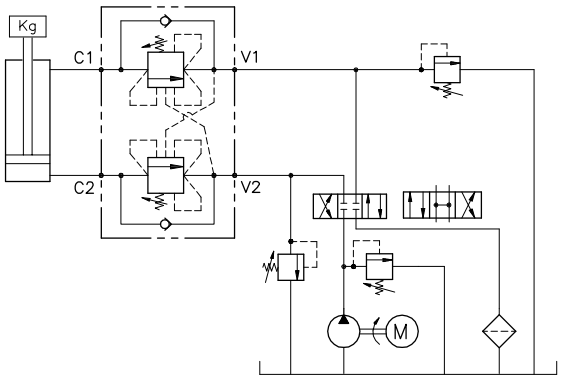
350 bar / 1.3 = 270 bar



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



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

121	120
123	122
Campo taratura 30÷220 bar (molla colore verde)	Campo taratura 60÷350 bar (molla colore rosso)
Setting range 30÷220 bar (green spring)	Setting range 60÷350 bar (red spring)
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
180 bar	**(60)**
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
250 bar	**(140)**

Rapporto di pilotaggio / Pilot ratios

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

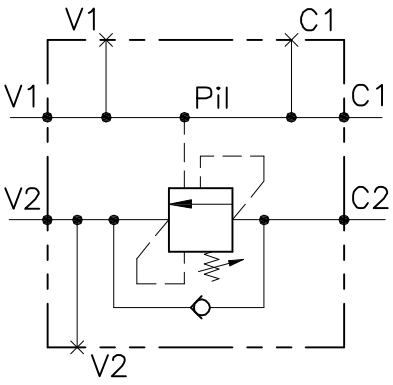
X	Grano - Dowel

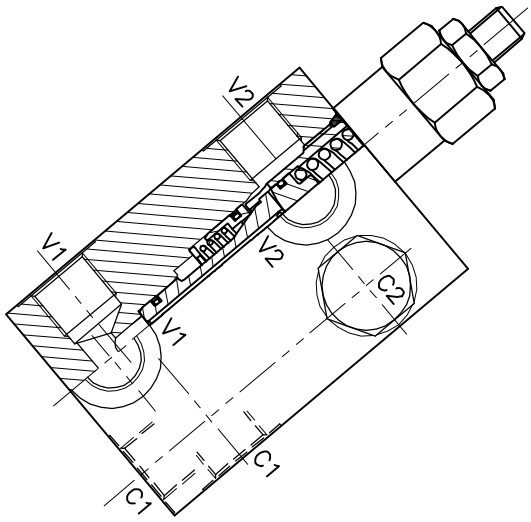
Collettore / Body

A	Acciaio zincato Zinc plated steel

1.07.04.02

WB-SE-...FBC-...





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight

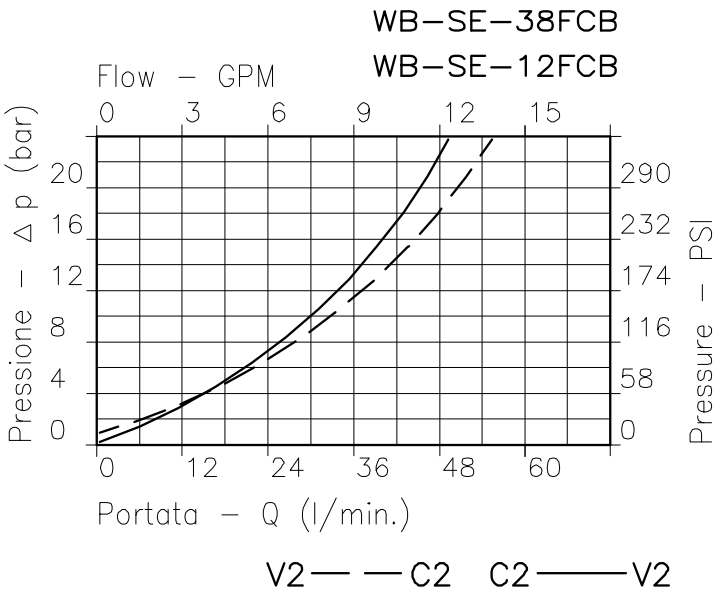
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

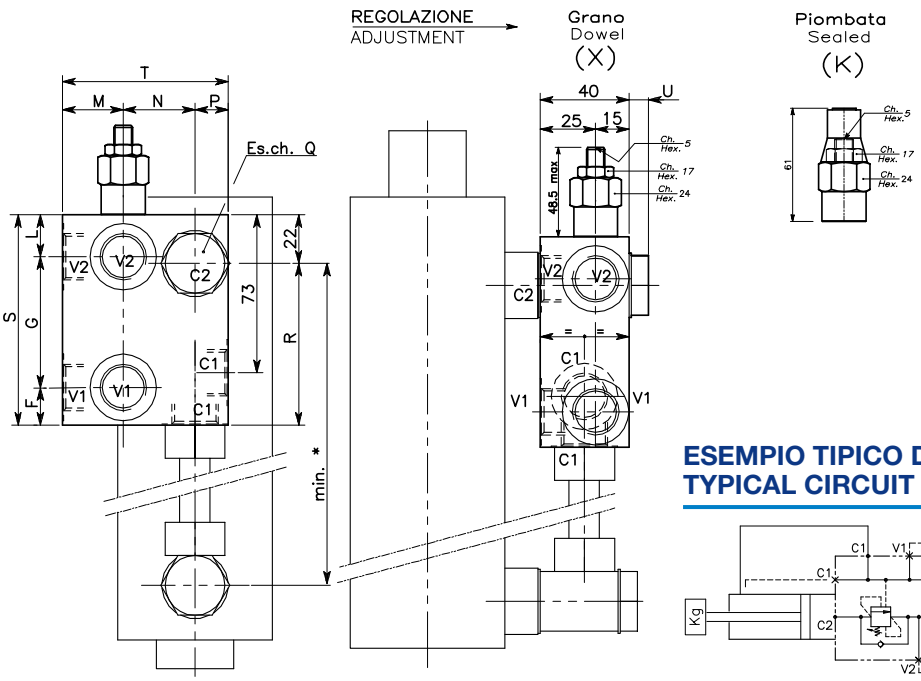
Max working pressure:

350 bar / 1.3 = 270 bar

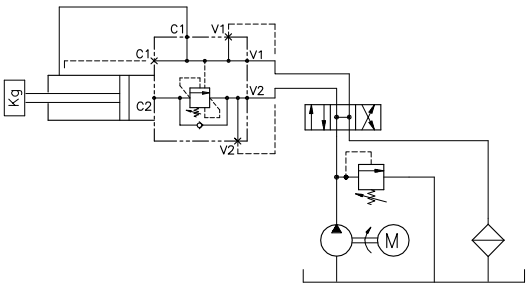


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.05.01.05



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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

284

285

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	**(90)**

Rapporto di pilotaggio / Pilot ratios

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

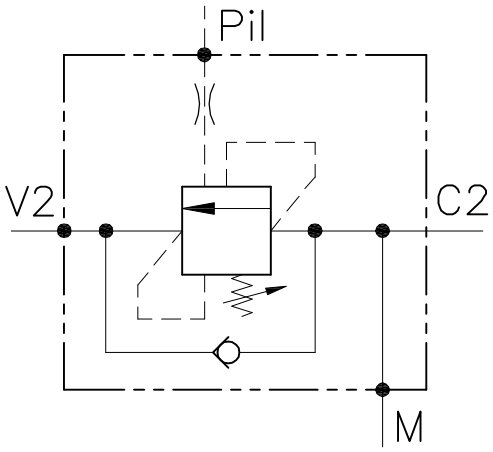
X	Grano - Dowel
K	Piombata - Sealed

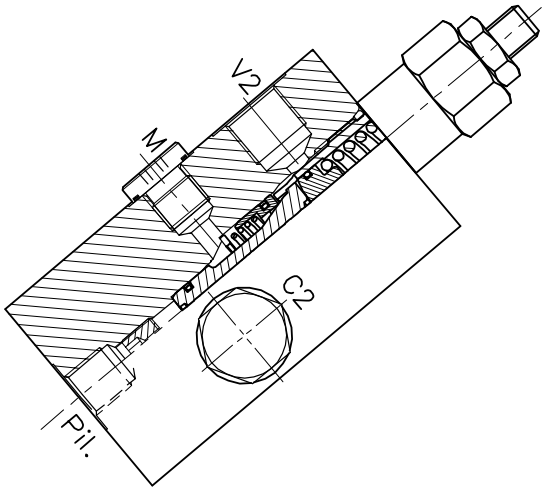
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

WB-SE-...-14FCB-...-...





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight

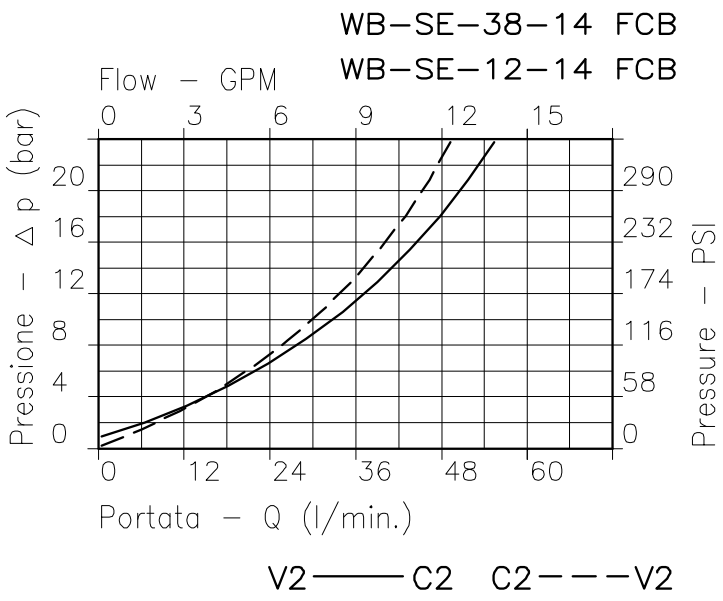
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

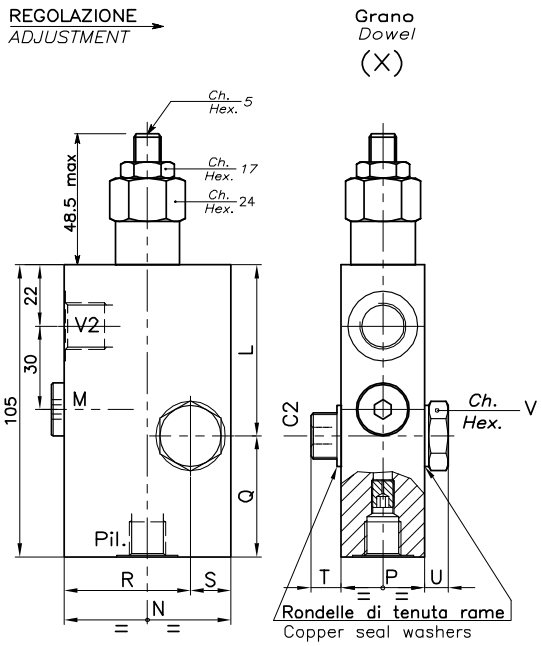
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

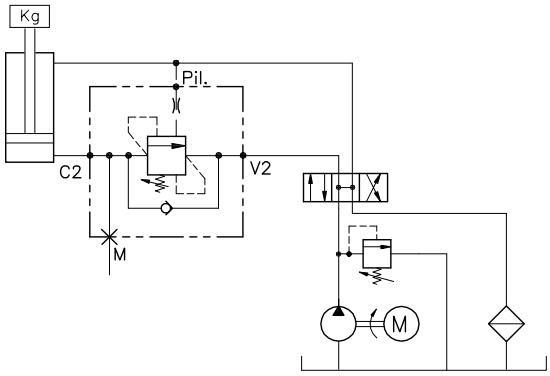
350 bar / 1.3 = 270 bar



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



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) 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') Std. bar setting (Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw
180 bar	**(50)**	**250 bar**	**(90)**

Rapporto di pilotaggio / Pilot ratios

A	Ø 0,7 mm
B	Ø 1 mm
C	Ø 1,2 mm
D	Senza grano Without dowel Rapp.pilot Pilot Ratio 8 :1
O	Senza grano Without dowel

Regolazione / Adjustment

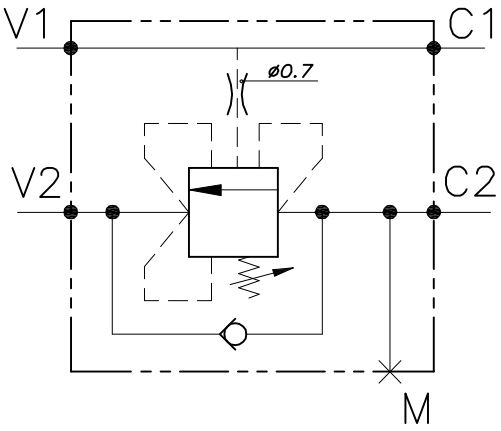
X	Grano - Dowel
K	Piombata - Sealed

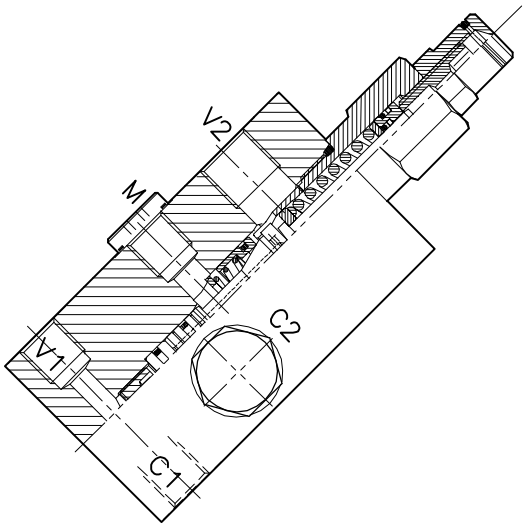
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8**	Rated size
Portata min/max	**1/40 l/min - 0.26/10 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

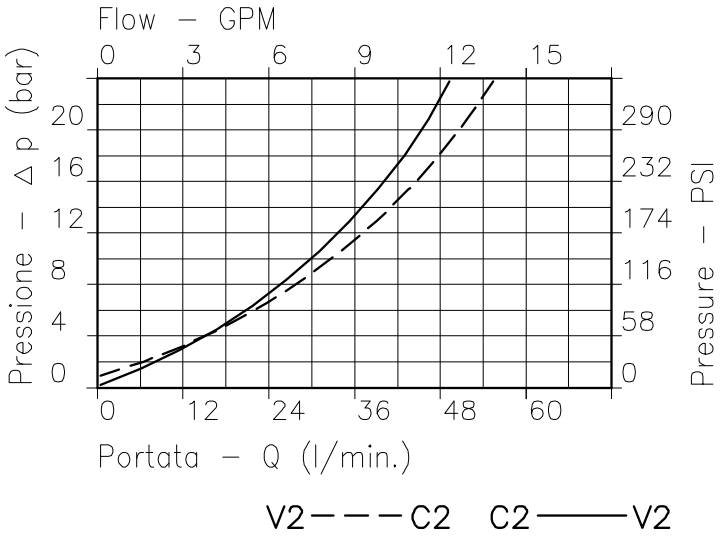
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

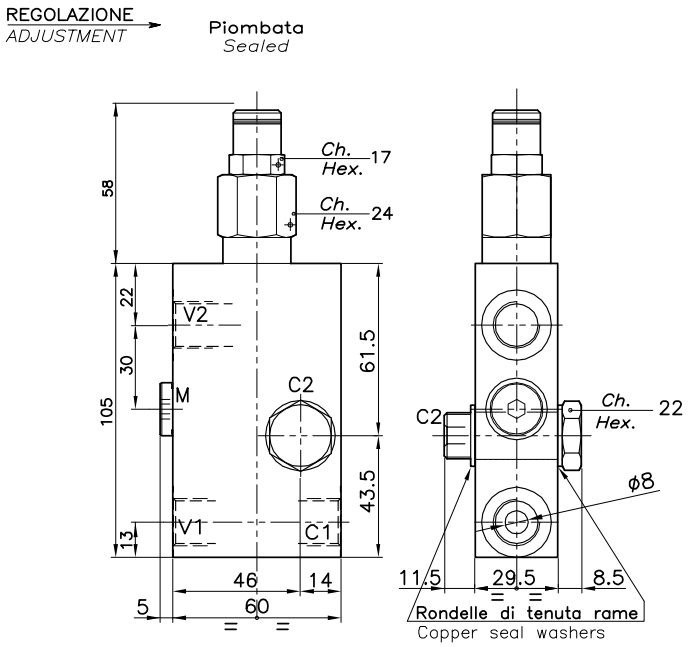
Max working pressure:

350 bar / 1.3 = 270 bar



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

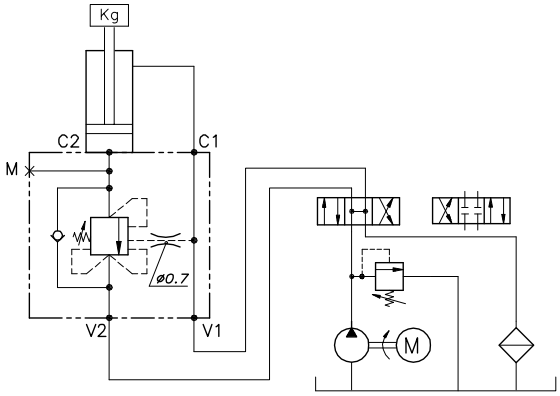
1.05.01.13



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)

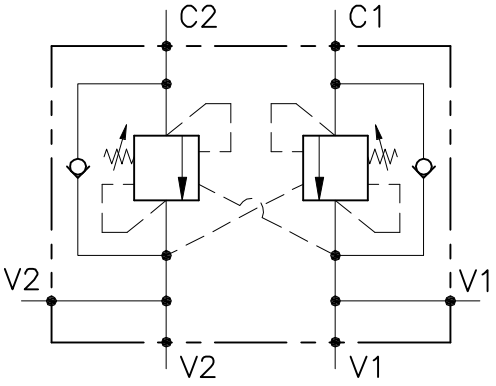
Taratura standard (Q=5 l/1') Std. bar setting Q=5 l/1')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(140)**

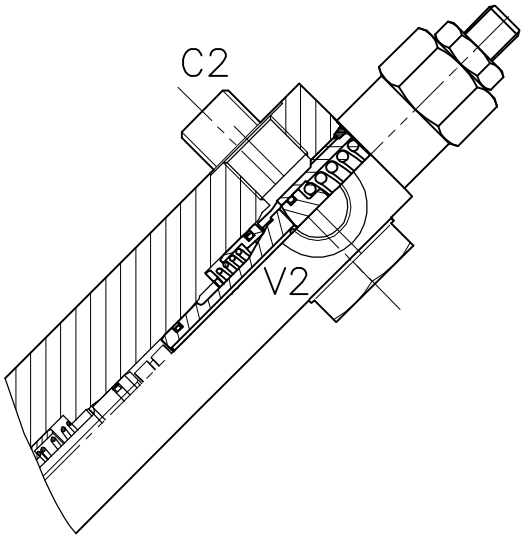
Collettore
Body

A	Acciaio zincato Zinc plated steel

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

WB-DE-...FCB-...





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**450 bar - 6525 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight

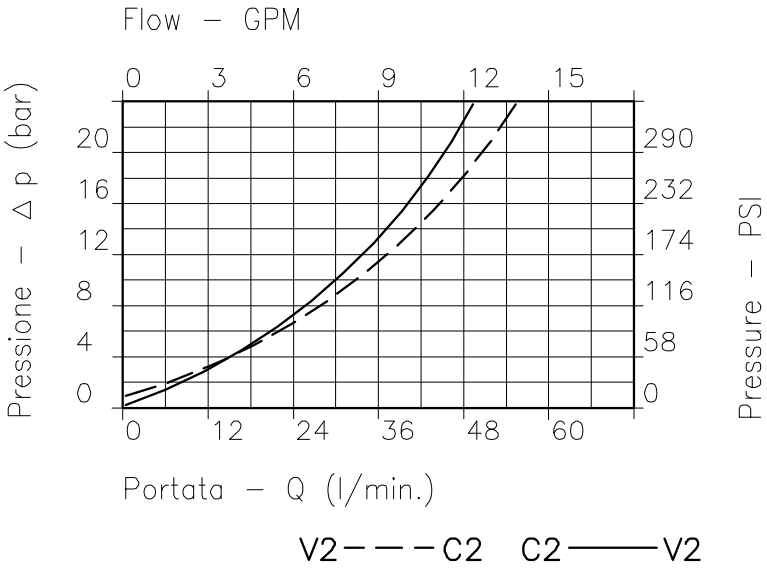
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

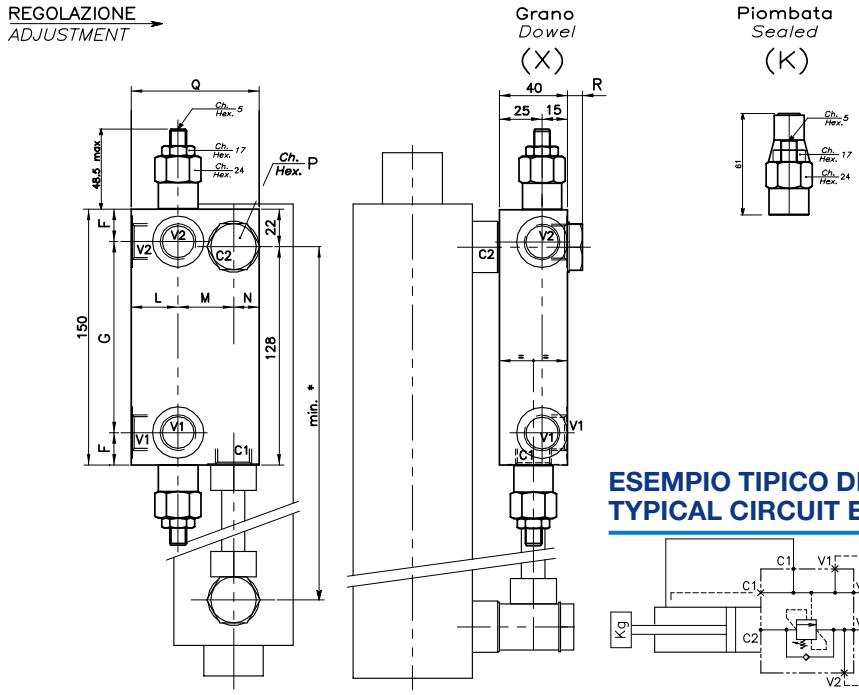
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

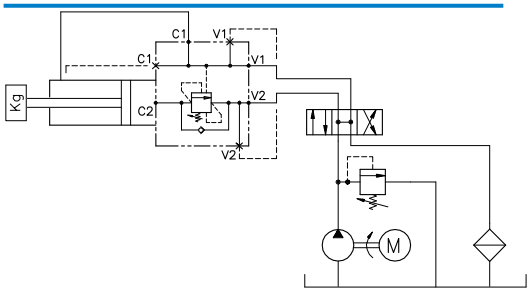
350 bar / 1.3 = 270 bar



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



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

288

289

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

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

X	Grano - Dowel
K	Piombata - Sealed

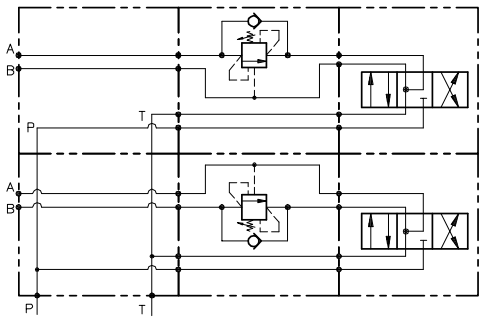
Collettore / Body

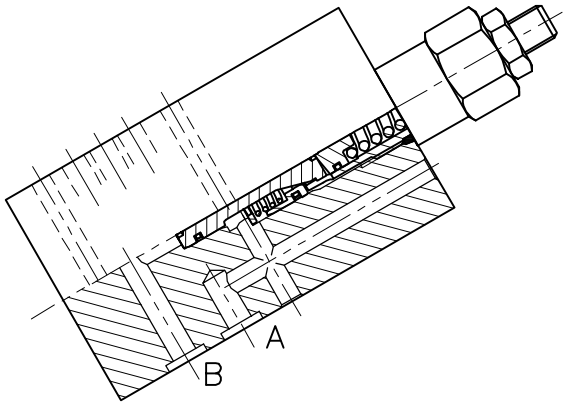
A	Acciaio zincato Zinc plated steel

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

1.08.01.02

OWC-SE-L6-...





CARATTERISTICHE

PERFORMANCE

Luce nominale		Rated size
Portata min/max	**DN 6**	Min/max flow-rate
Pressione max. di picco	**1/50 l/min - 0.26/12.5 GPM**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**350 bar - 5075 PSI**	Standard pilot ratio
Temperatura ambiente	**4.25 : 1**	Room temperature
Temperatura olio	**-30°C + 50°C**	Oil temperature
Filtraggio consigliato	**-30°C + 80°C**	Recommended filtration
Peso	**30 micron**	Weight
Peso		Weight

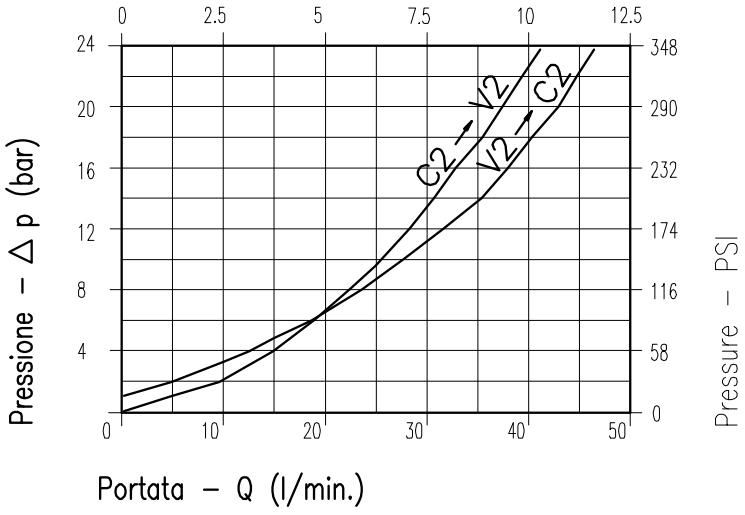
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

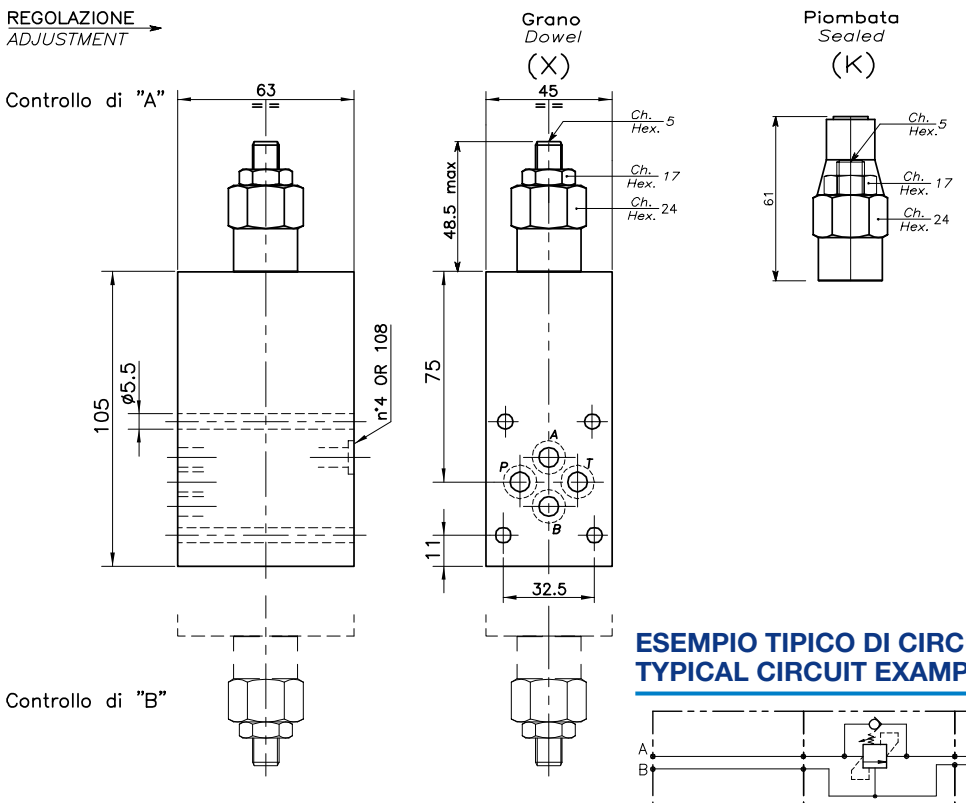
Max working pressure:

350 bar / 1.3 = 270 bar

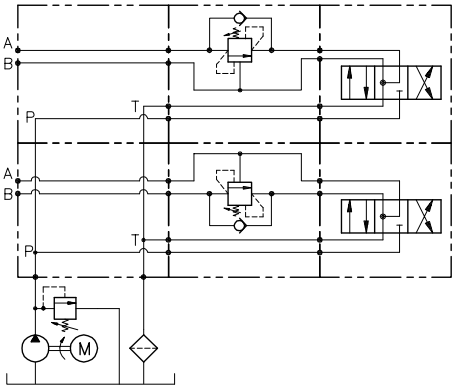


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

1.11.02.01



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

229	228
231	230
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') Std. bar setting (Q=5 l/1') **180 bar** / Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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

O	4.25 : 1
D	8 : 1

Regolazione / Adjustment

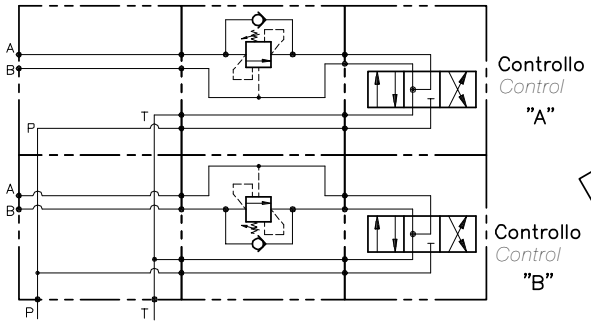
X	Grano - Dowel
K	Piombata - Sealed

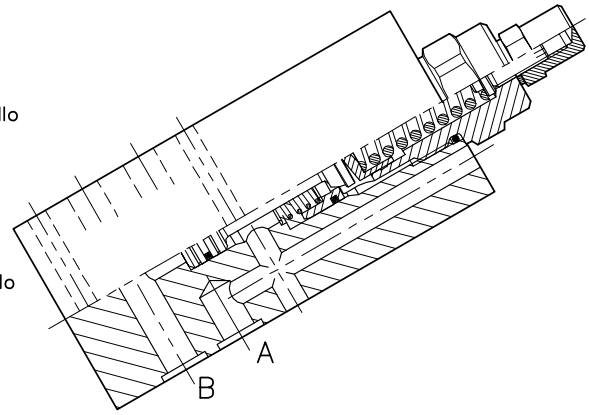
Collettore / Body

A	Acciaio zincato Zinc plated steel

1.11.02.02

OWC-SE-L10-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 8/10**	Rated size
Portata min/max	**1/90 l/min - 0.26/24 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight
Peso		Weight

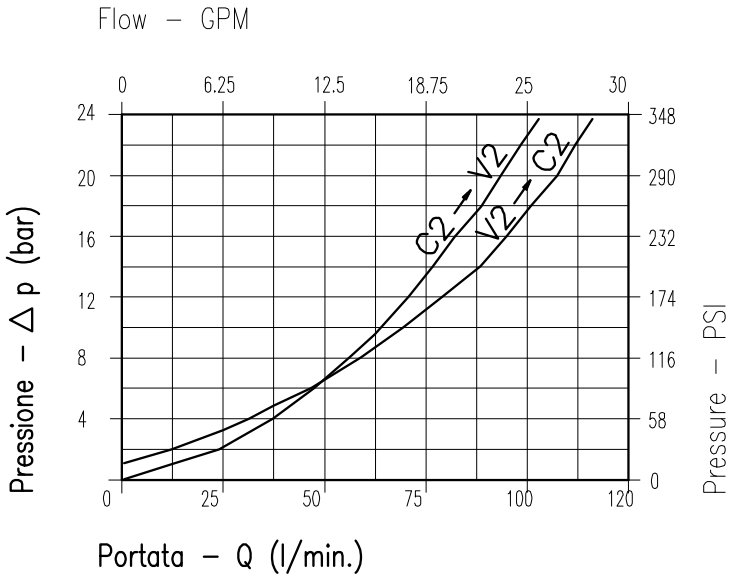
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

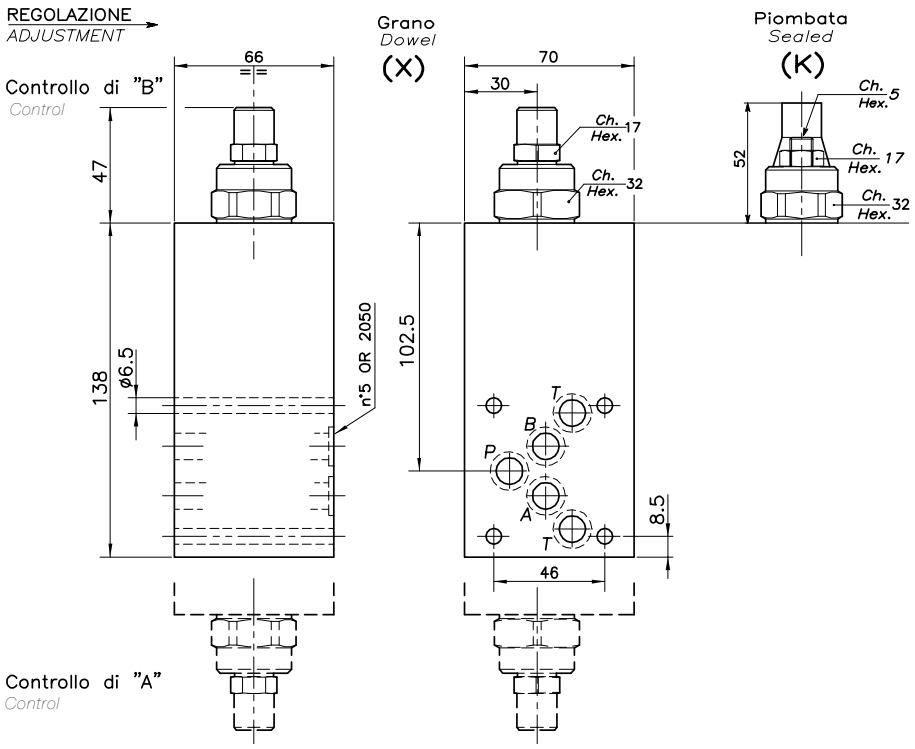
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



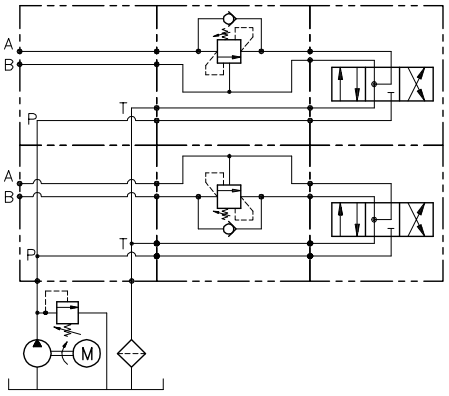
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI
DIMENSIONS

Campo taratura Setting range	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

O	6.2 : 1

Regolazione / Adjustment

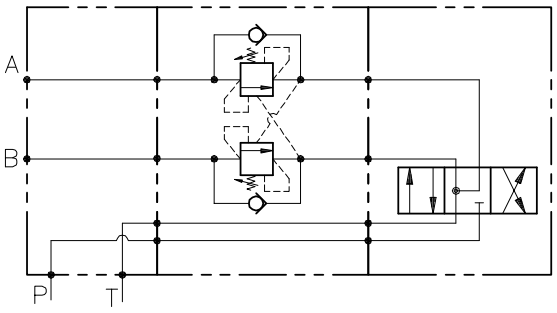
X	Grano - Dowel
K	Piombata - Sealed

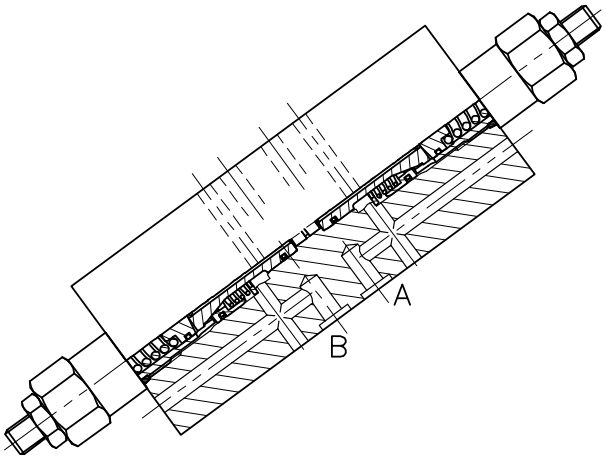
Collettore / Body

A	Acciaio zincato Zinc plated steel

1.11.02.04

OWC-DE-L6-...





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 6**	Rated size
Portata min/max	**1/50 l/min - 0.26/12.5 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight
Peso		Weight

NOTE:

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

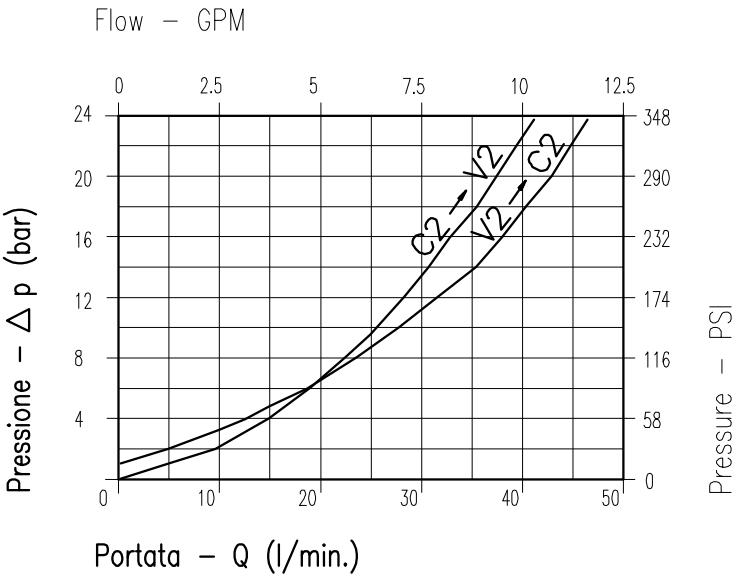
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

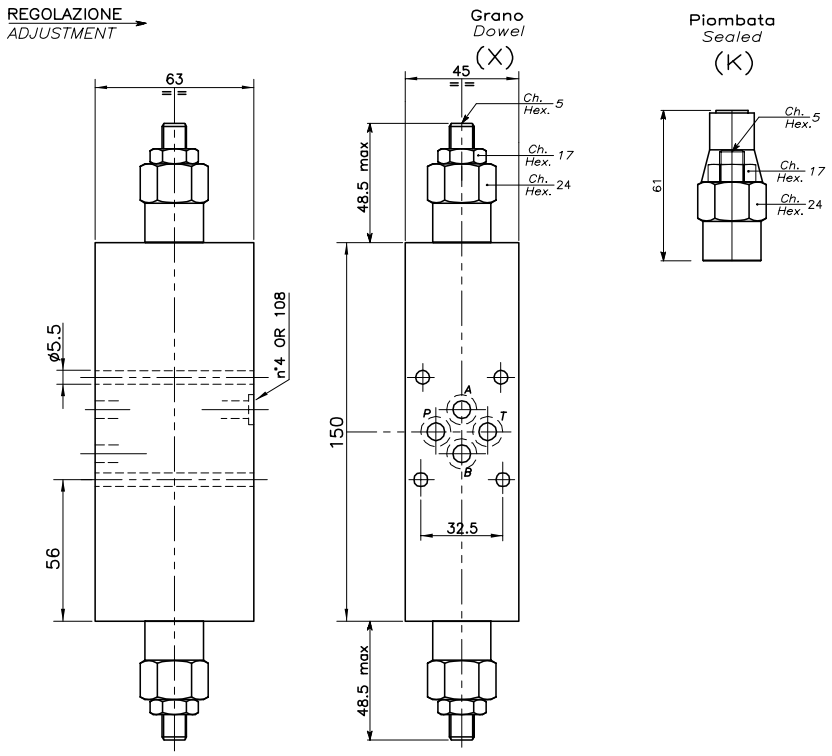
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



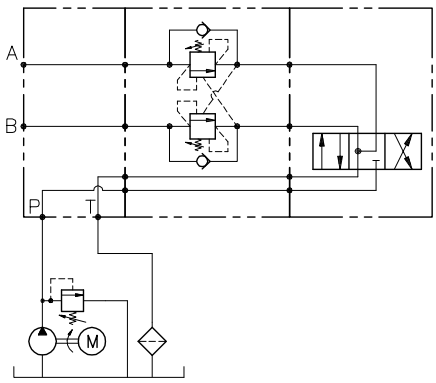
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI
DIMENSIONS

Campo taratura Setting range	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

226

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	**(90)**

Rapporto di pilotaggio / Pilot ratios

O	4.25 : 1

Regolazione / Adjustment

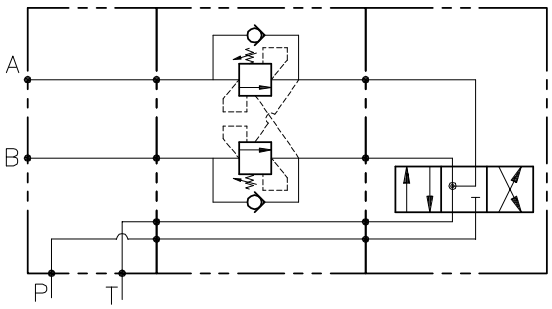
X	Grano - Dowel
K	Piombata - Sealed

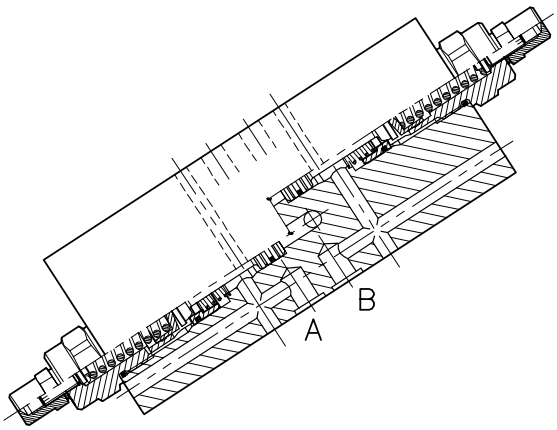
Collettore / Body

A	Acciaio zincato Zinc plated steel

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

OWC-DE-L10-...





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 12**	Rated size
Portata min/max	**1/90 l/min - 0.26/24 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		Weight
Peso		Weight

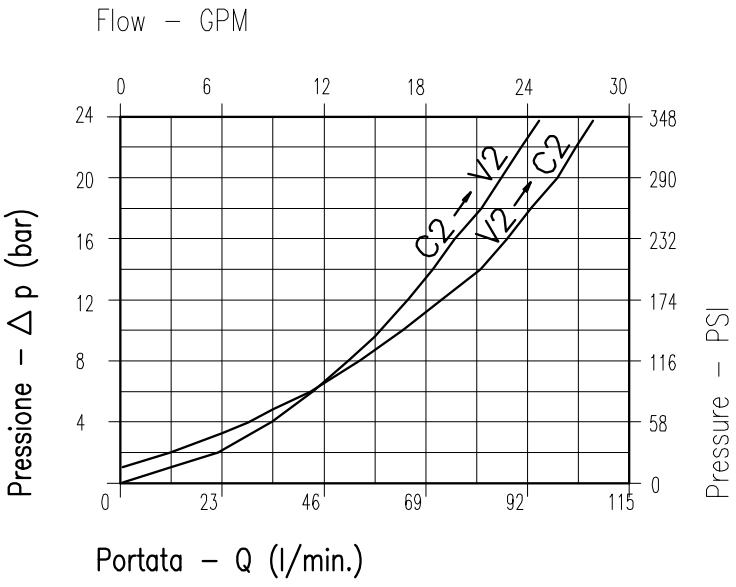
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

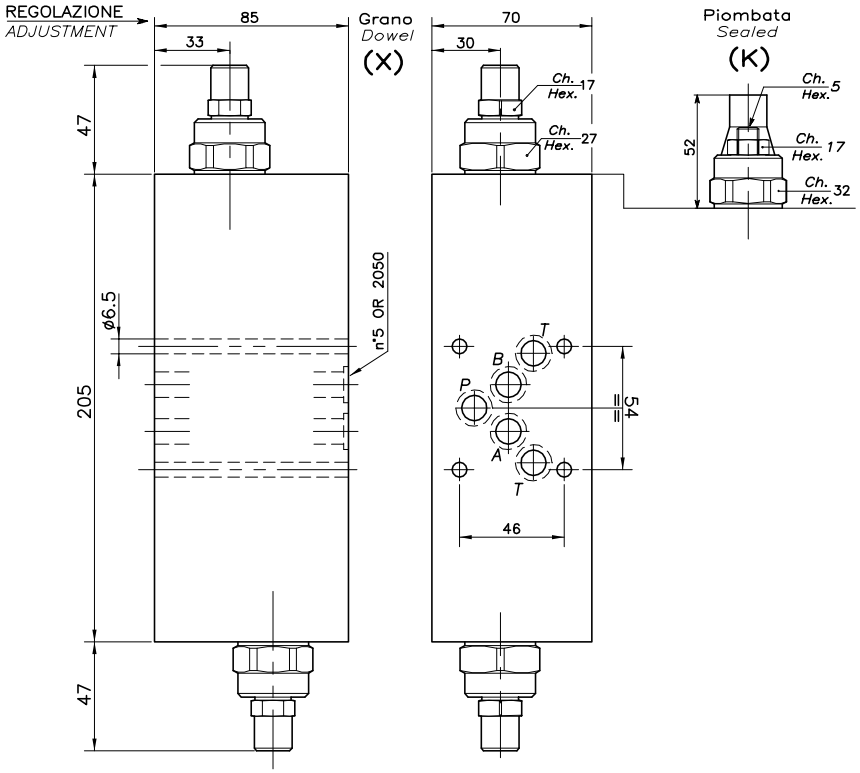
Max working pressure:

350 bar / 1.3 = 270 bar



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

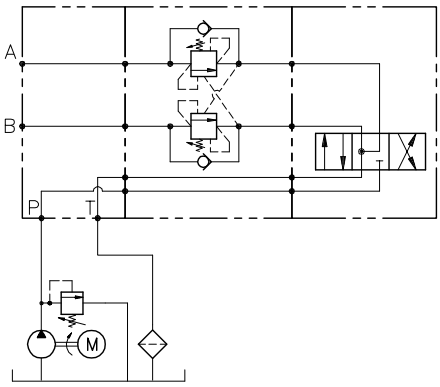
1.11.04.03



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

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

O	6.2 : 1

Regolazione / Adjustment

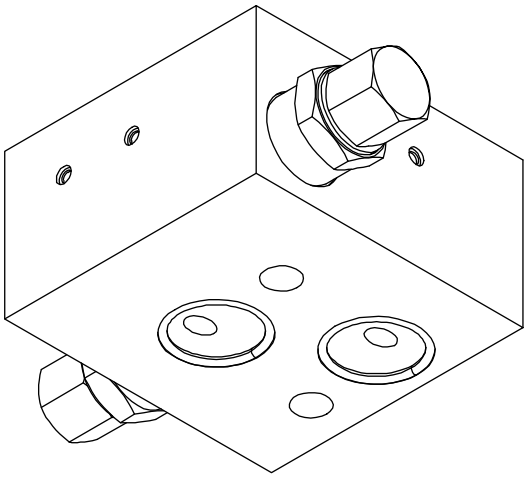
X	Grano - Dowel
K	Piombata - Sealed

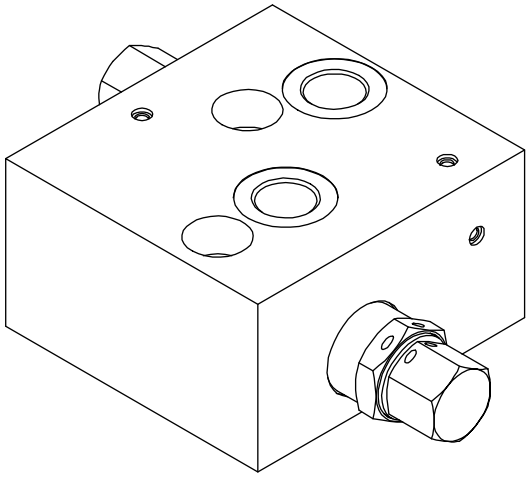
Collettore / Body

A	Acciaio zincato Zinc plated steel

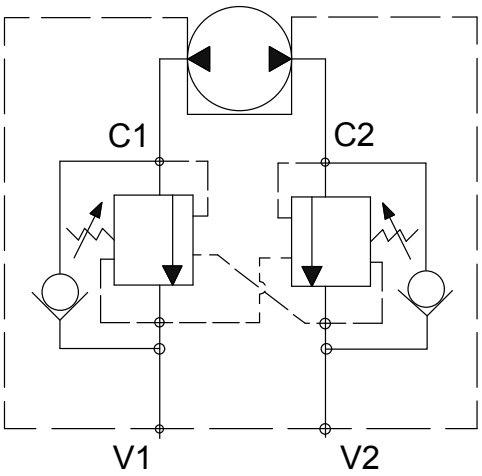
1.01.01.01

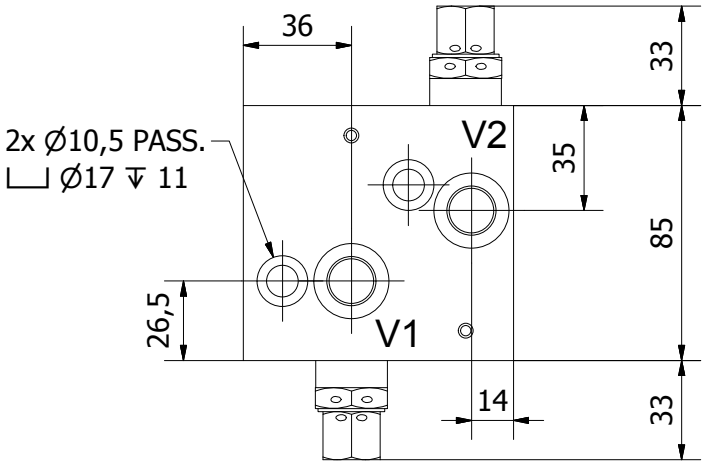
OWC30-DE-HPR-38-10

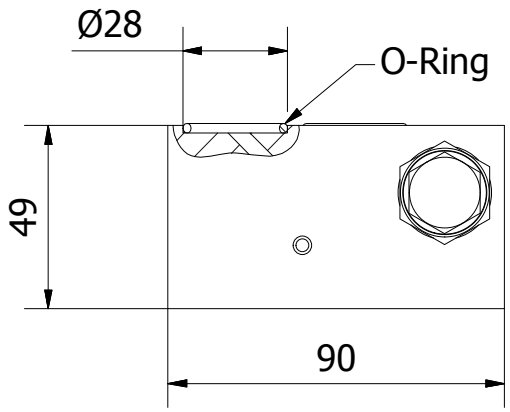




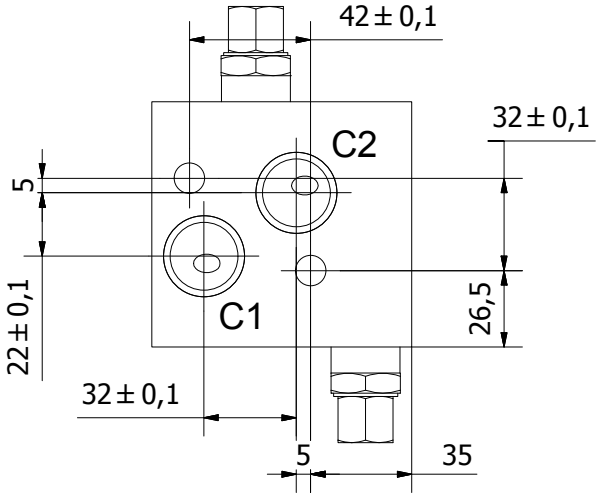
CARATTERISTICHE		PERFORMANCE
Pressione max.	**250 bar**	Max pressure
Portata max	**25 l/min**	Max flow-rate
Campo taratura	**30-220 bar**	Setting range
Rapporto di pilotaggio standard	**10:1**	Standard pilot ratio
Collettorein in aluminio		Aluminium body
Peso	**1,200 kg**	Weight







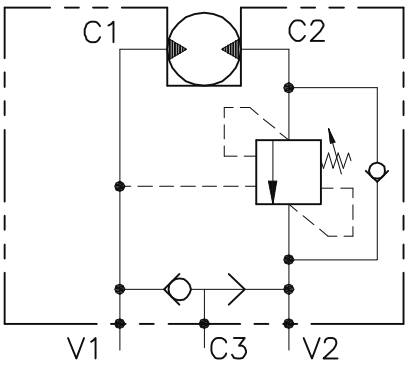
ATTACCHI PORT SIZE	
V1-V2	**C1-C2**
GAS (bspp) 3/8"	**HPR OMS**

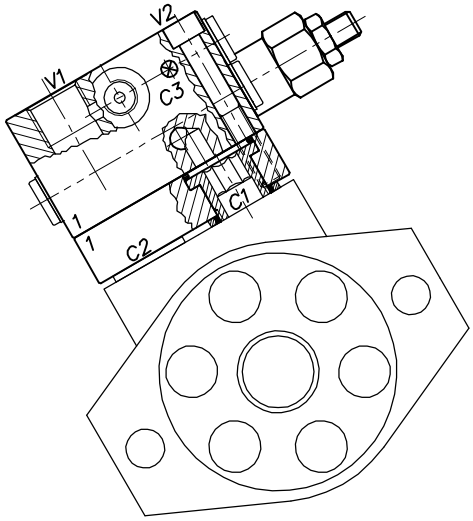


CODICE DI ORDINAZIONE
HOW TO ORDER

021 . 431 . 1 0 2

WB-M-SE-VFF-...-12-14-...





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

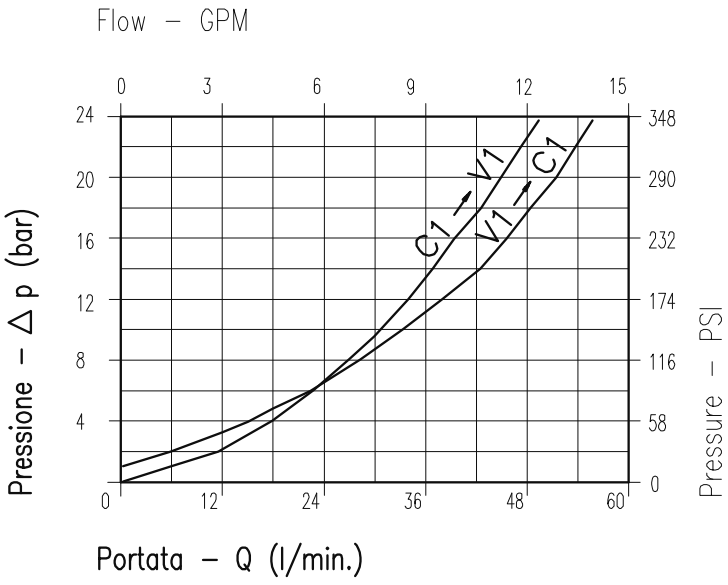
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

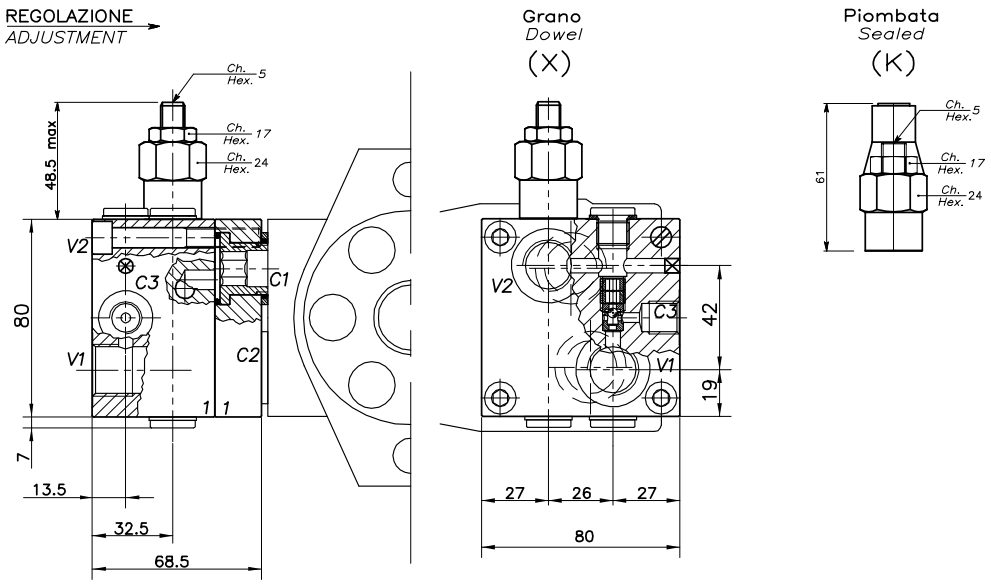
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar



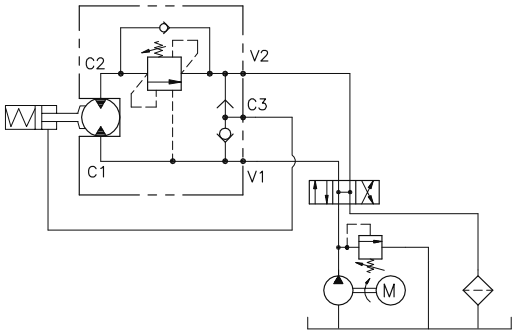
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



DIMENSIONI
DIMENSIONS

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

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 533 . 0 X 0 . A

Campo taratura / Setting range			
533		126	
534			
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

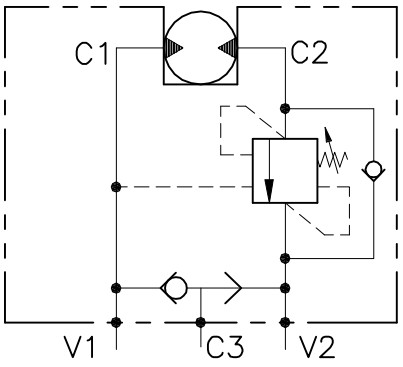
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

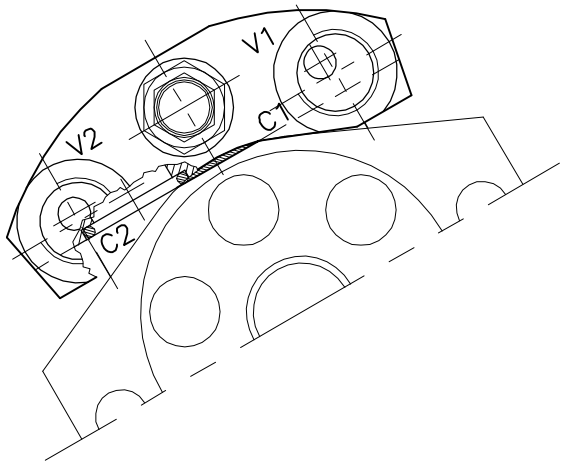
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.05.03.02

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**220 bar - 3190 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

NOTE:

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

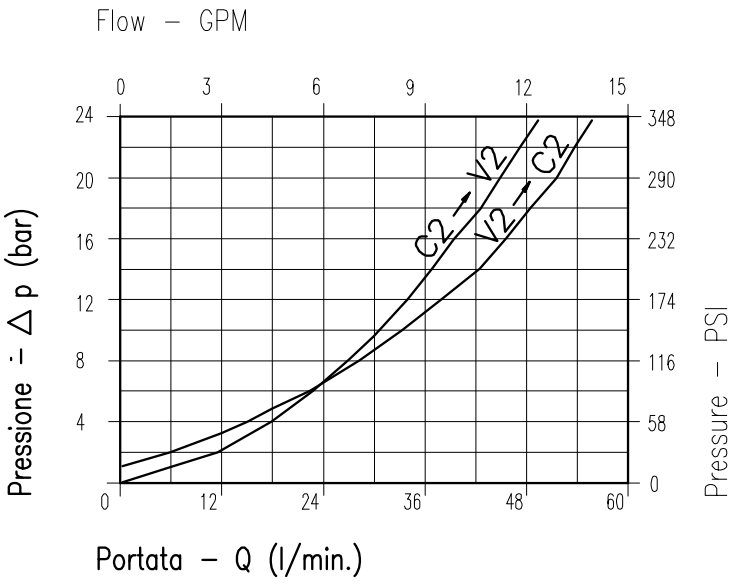
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

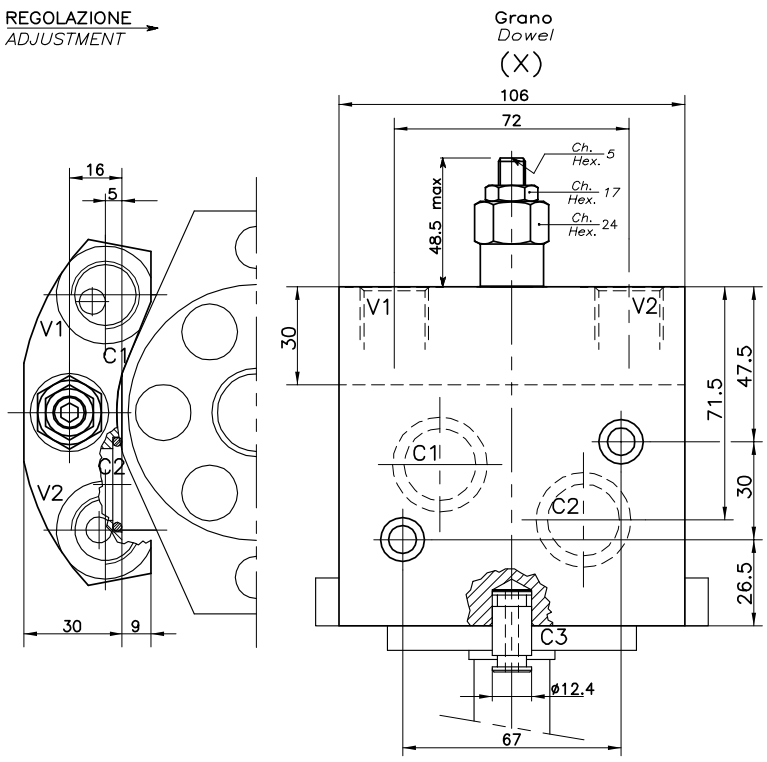
Max working pressure:

350 bar / 1.3 = 270 bar



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

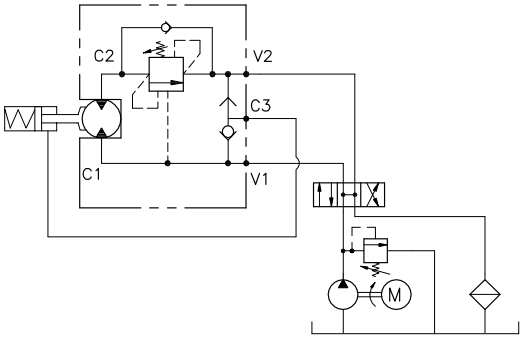
1.05.04.03



DIMENSIONI
DIMENSIONS

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

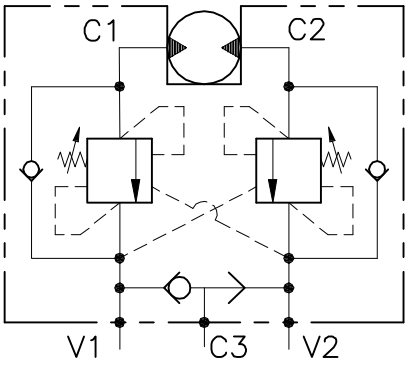
O	4.25 : 1

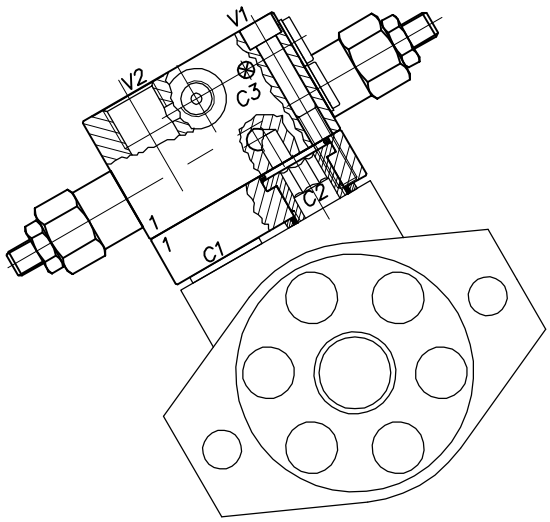
Regolazione / Adjustment

X	Grano - Dowel

1.05.04.04

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





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**220 bar - 3190 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**70÷80 Nm**	Tightening torque
Peso		Weight

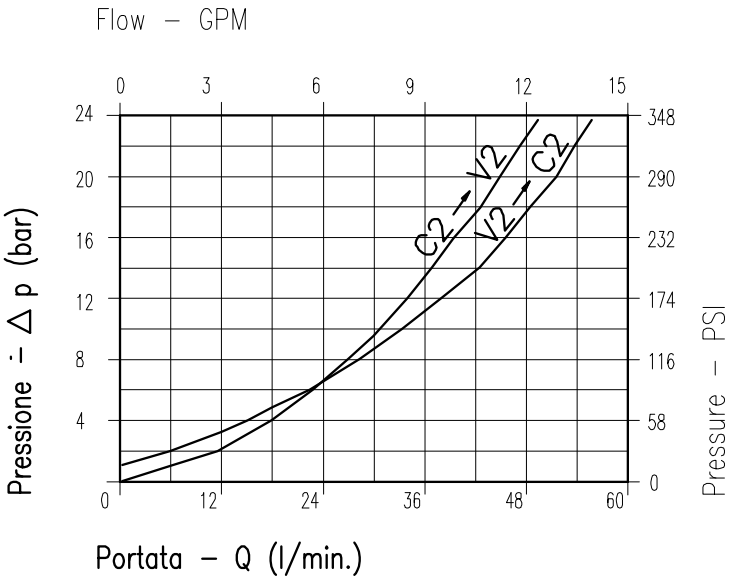
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

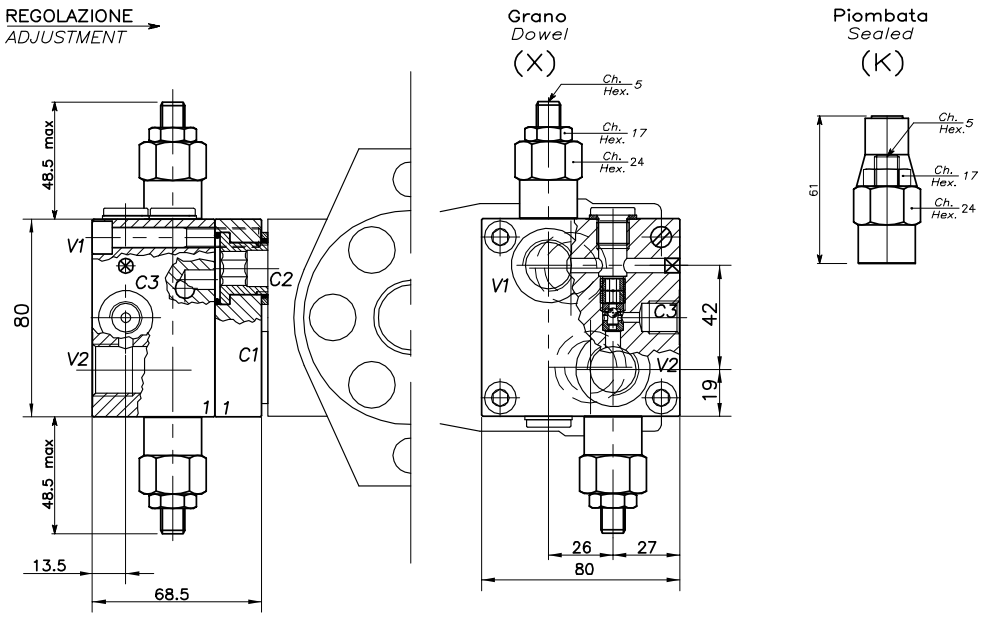
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

350 bar / 1.3 = 270 bar

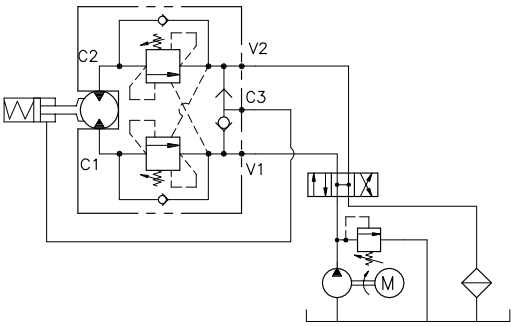




DIMENSIONI
DIMENSIONS

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

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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

Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

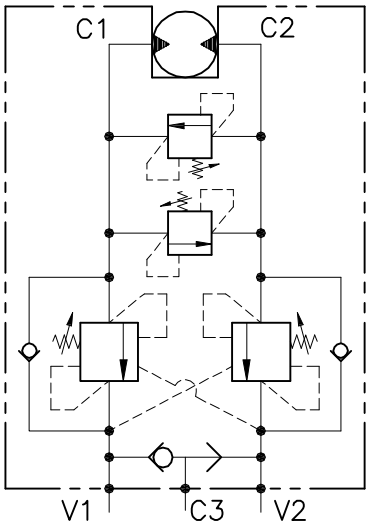
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

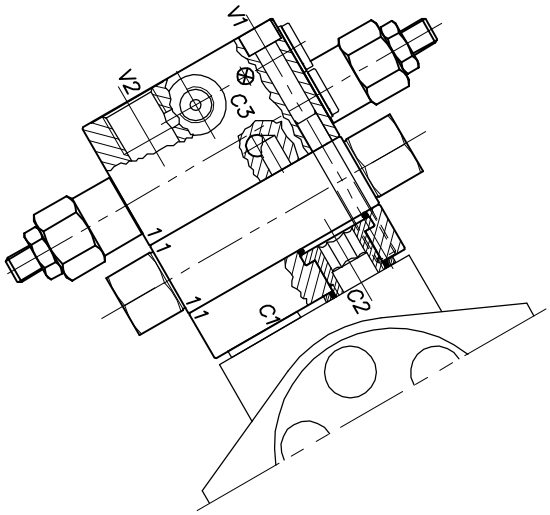
Collettore Body	
A	Acciaio zincato Zinc plated steel

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

1.08.05.02

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





CARATTERISTICHE

PERFORMANCE

Luce nominale	**DN 10**	Rated size
Portata min/max	**1/60 l/min - 0.26/15.9 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**220 bar - 3190 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**4.25 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio	**110÷115 Nm**	Tightening torque
Peso		Weight

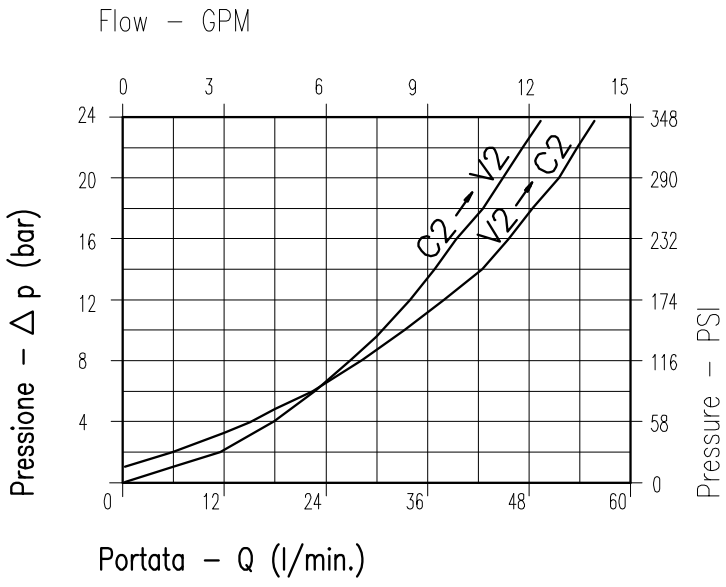
NOTE:
La taratura deve essere **1.3** volte maggiore della pressione indotta dal carico.

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

ESEMPIO/EXAMPLE:
Pressione di lavoro max:

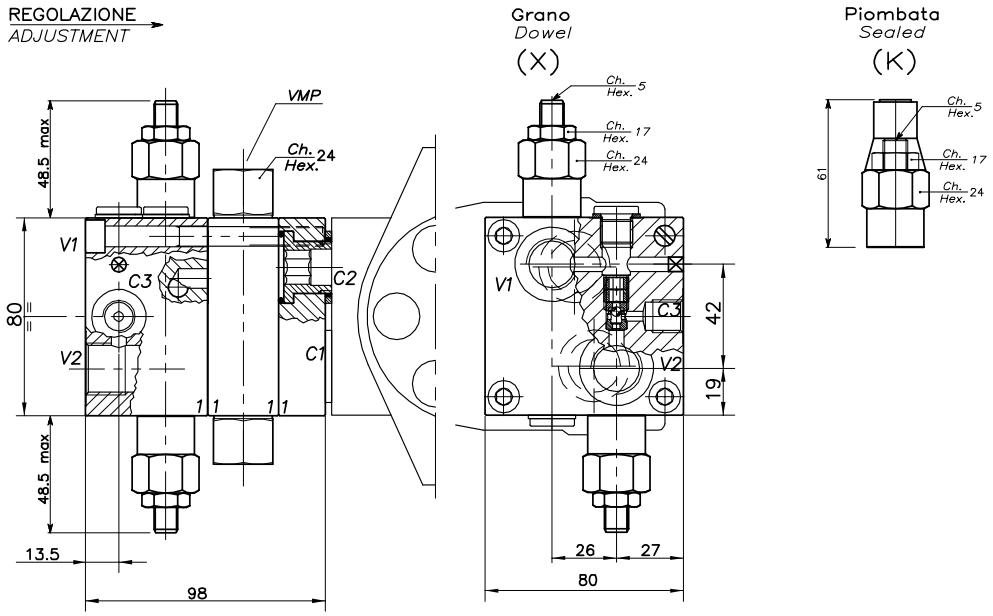
Max working pressure:

350 bar / 1.3 = 270 bar



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

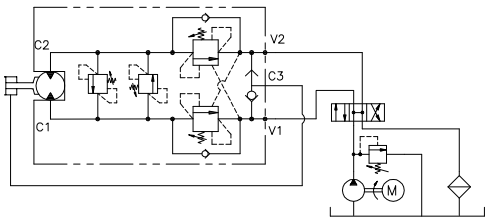
1.08.06.01



DIMENSIONI
DIMENSIONS

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

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE
HOW TO ORDER

N01 . 440 . 0 X 0 . A

Campo taratura / Setting range		
WB)	440	(VMP)
WB)	441	(VMP)
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') Std. bar setting (Q=5 l/1') **180 bar**	Incr. press. - bar giro/vite Pressure rise - turn of screw **(50)**	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)**

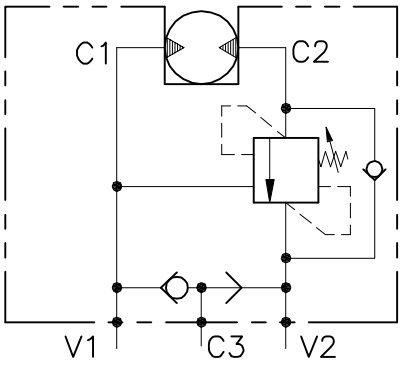
Rapporto di pilotaggio Pilot ratios	
O	4.25 : 1
D	8 : 1

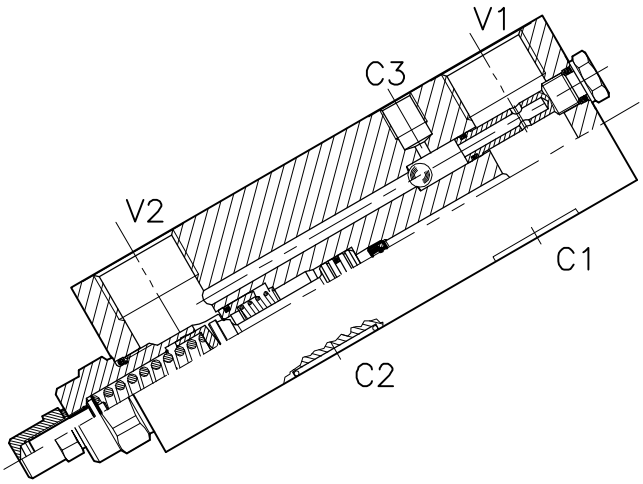
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

442 443	Collettore possibile in AL togliendo "A"
440 441	Available aluminium body without "A"

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 15**	Rated size
Portata min/max	**1/180 l/min - 0.26/47 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

NOTE:

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

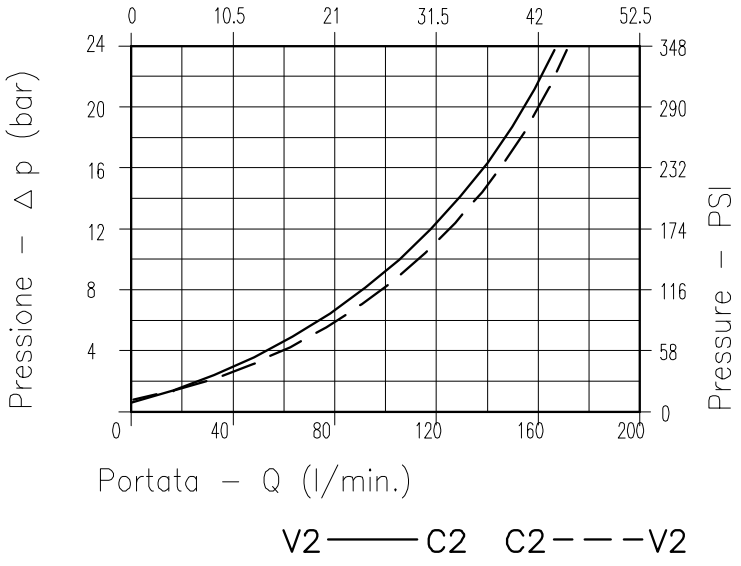
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

Pressione di lavoro max:

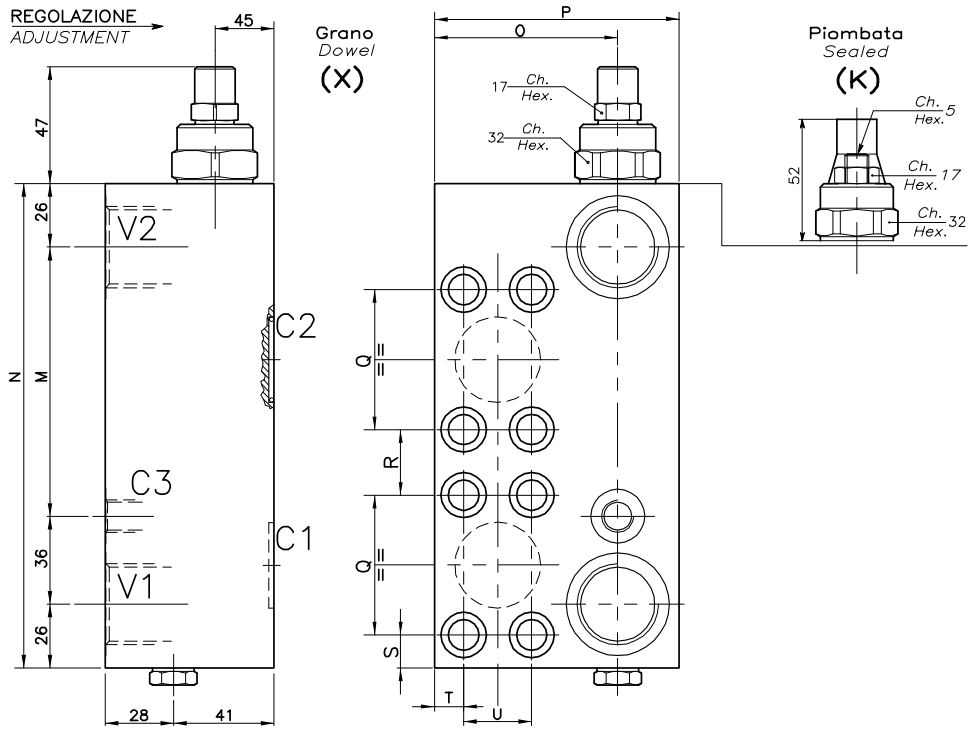
Max working pressure:

350 bar / 1.3 = 270 bar



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

1.05.04.01



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
564
565
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') **250 bar** — Incr. press. - bar giro/vite Pressure rise - turn of screw **(125)**

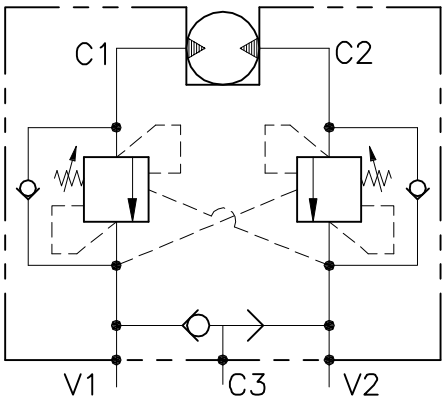
Rapporto di pilotaggio Pilot ratios	
O	6.2 : 1
G	4.1 : 1

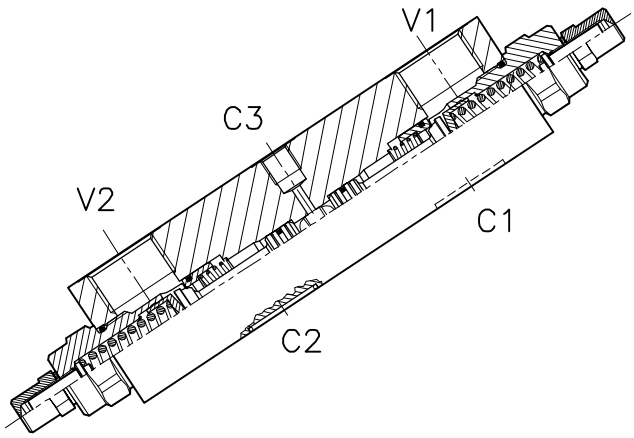
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.05.04.02

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





CARATTERISTICHE

		PERFORMANCE
Luce nominale	**DN 15**	Rated size
Portata min/max	**1/180 l/min - 0.26/47 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

NOTE:

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

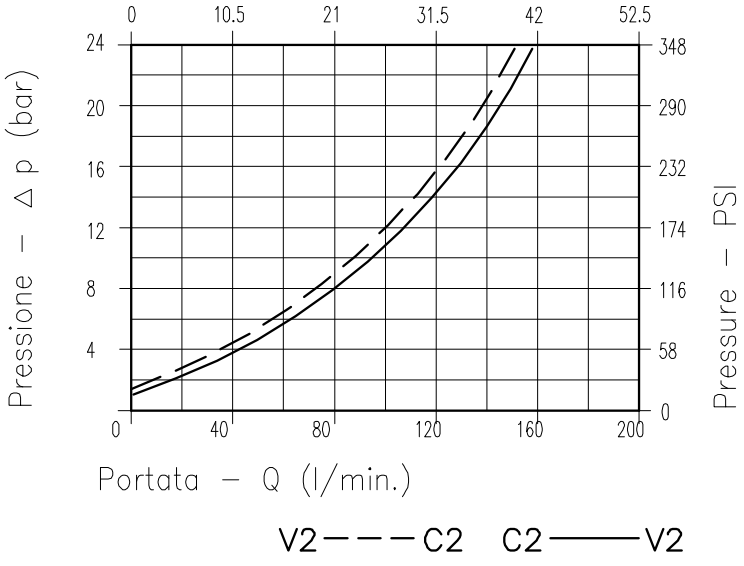
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

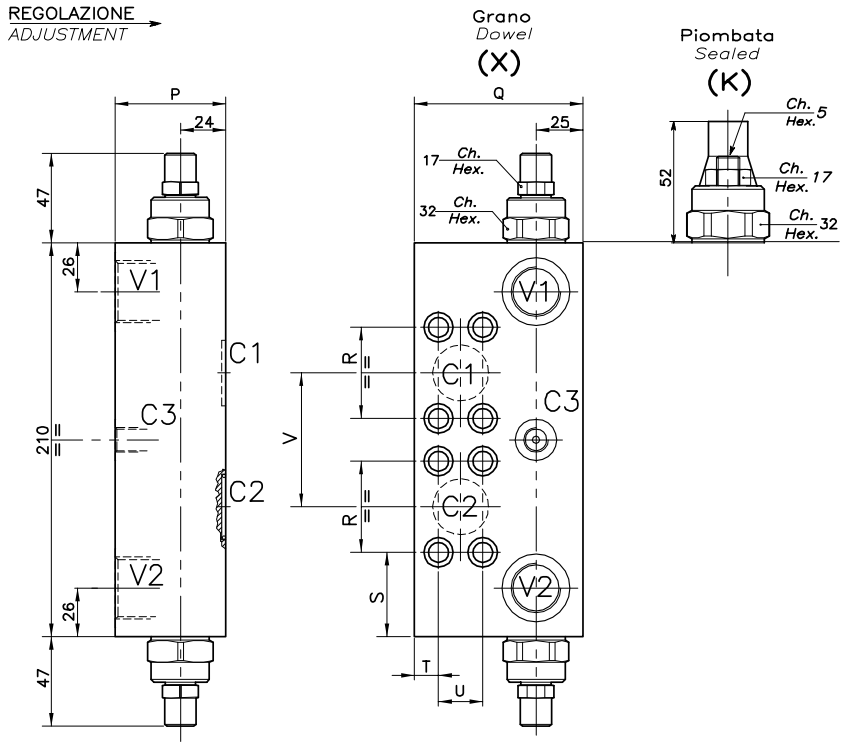
Pressione di lavoro max:

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	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	40.5	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
094
101
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') **250 bar** — Incr. press. - bar giro/vite Pressure rise - turn of screw **(125)**

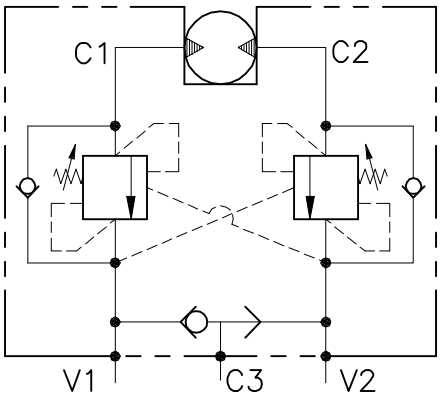
Rapporto di pilotaggio Pilot ratios	
O	6.2: 1
G	4.1: 1

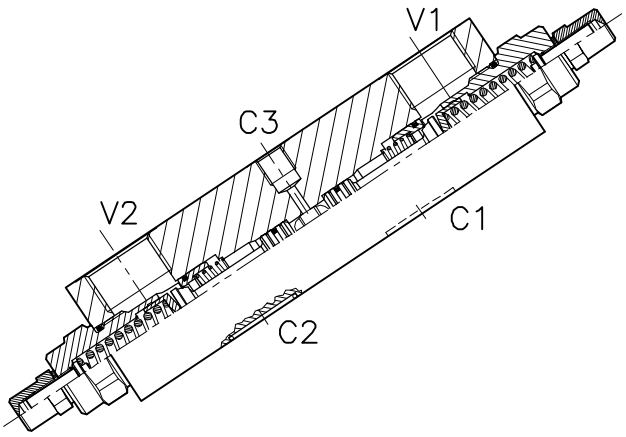
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.08.03.02

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





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 15**	Rated size
Portata min/max	**10/180 l/min - 2.5/47 GPM**	Min/max flow-rate
Pressione max. di picco	**350 bar - 5075 PSI**	Max peak pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Rapporto di pilotaggio standard	**6.2 : 1**	Standard pilot ratio
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Coppia di serraggio		Tightening torque
Peso		Weight

NOTE:

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

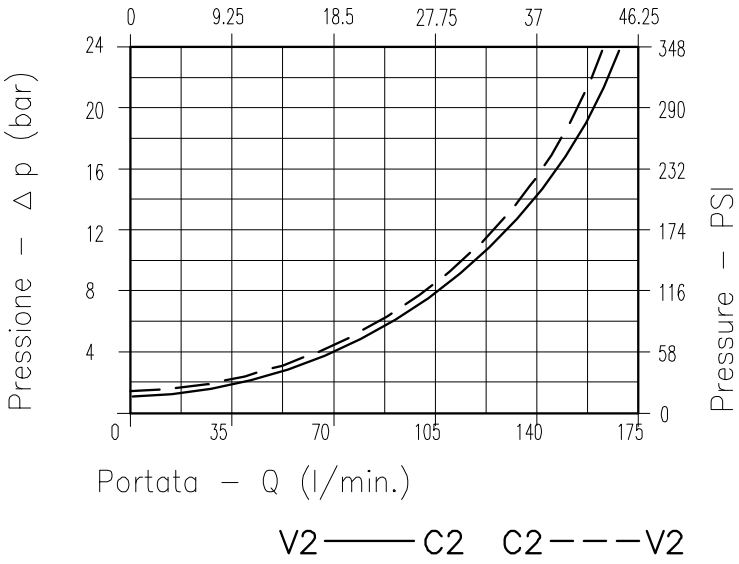
Valve should be set at **1.3** times load induced pressure.

ESEMPIO/EXAMPLE:

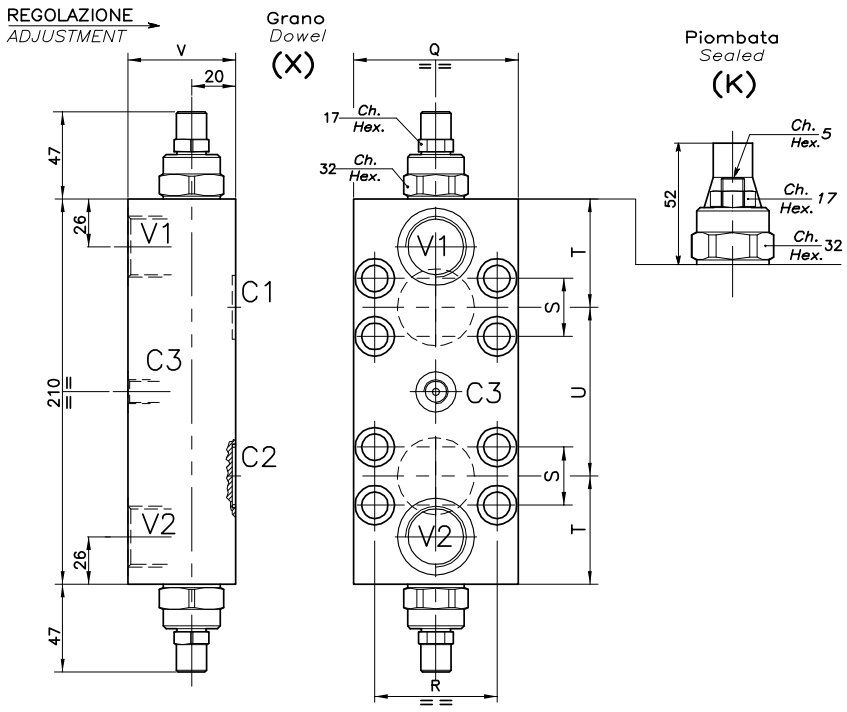
Pressione di lavoro max:

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	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
104
102
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')	Incr. press. - bar giro/vite Pressure rise - turn of screw
250 bar	**(125)**

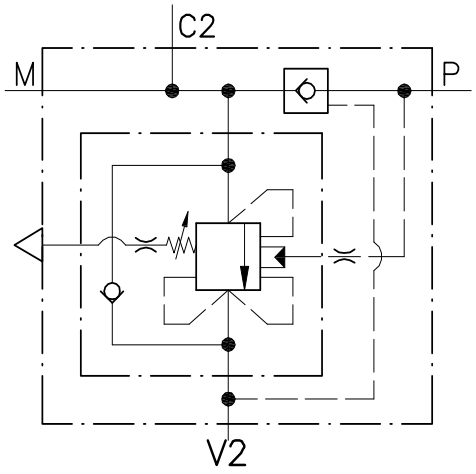
Rapporto di pilotaggio Pilot ratios	
O	6.2 : 1
G	4.1 : 1

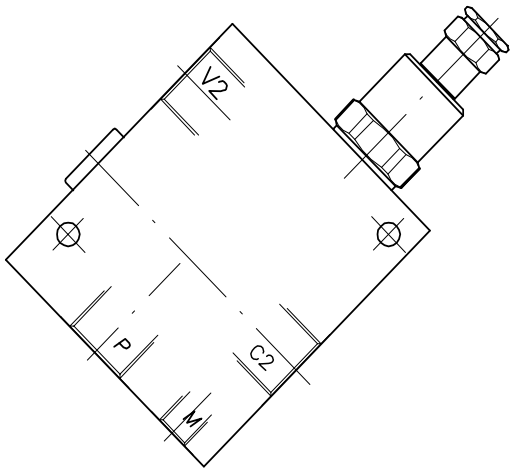
Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

Collettore Body	
A	Acciaio zincato Zinc plated steel

1.08.03.04

A-VRSP01-CC-34-L-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 12**	Rated size
Portata max in V2	**160 l/min - 42 GPM**	Max flow in V2 port
Pressione di lavoro max.	**350 bar - 5075 PSI**	Max working pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		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:

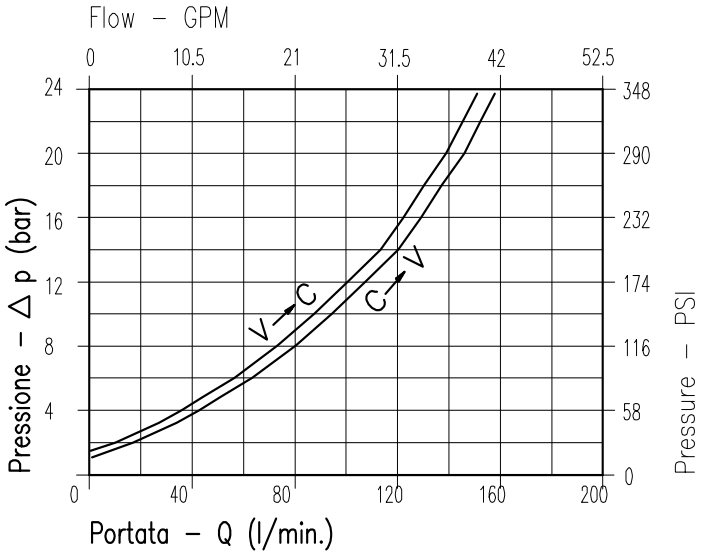
350 bar / 1.3 = 270 bar

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.

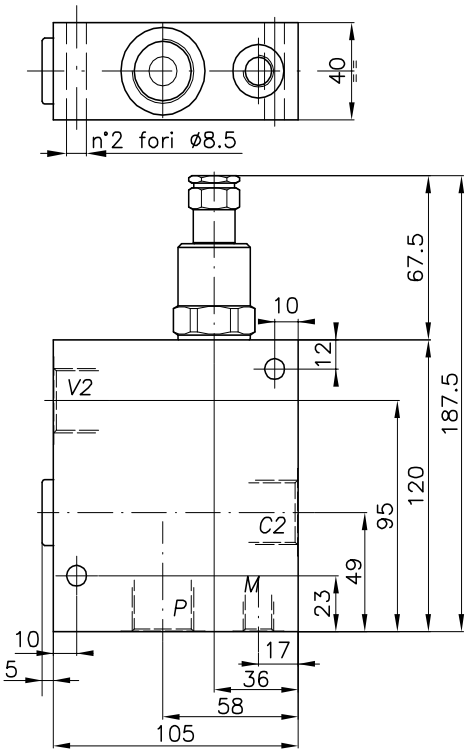
This valve is used for fast extension of cylinder rod: typical application in small presses and trash compactors. Cut out pressure of the regenerative function can be adjusted within a pressure range by an overcenter valve.

Costruzione standard con collettore in acciaio

Steel manifold as standard



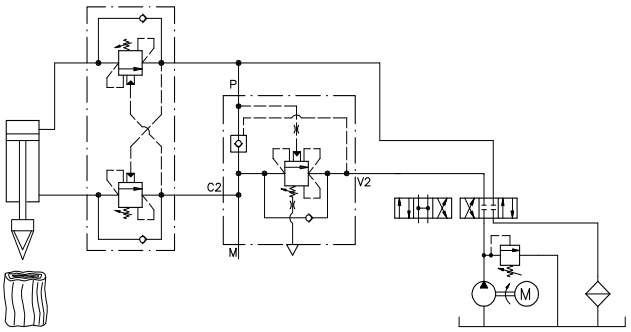
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



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

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE

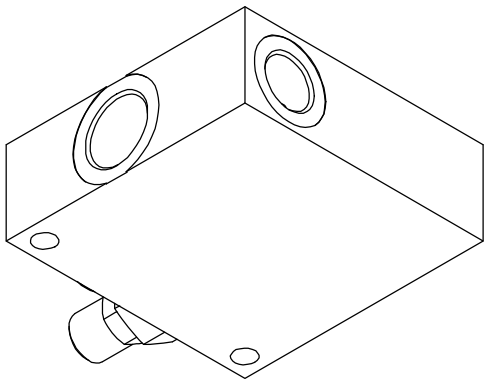


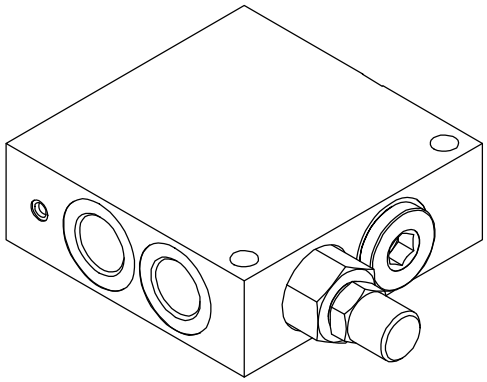
CODICE DI ORDINAZIONE
HOW TO ORDER

006 . 151 . L X 0

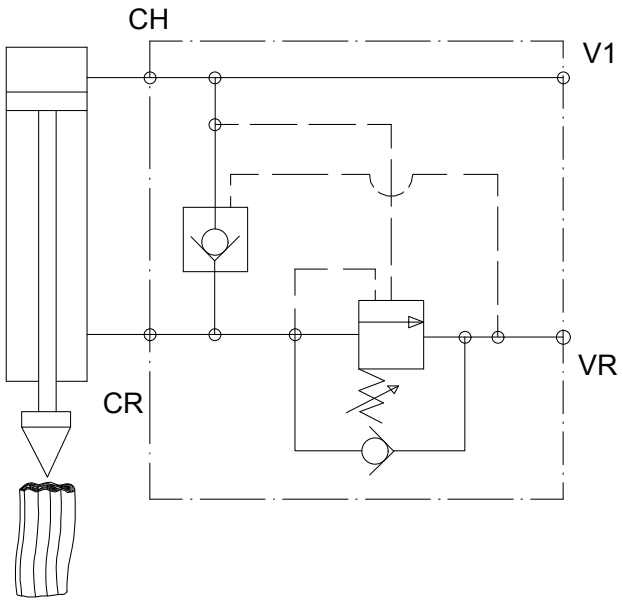
Campo taratura / Setting range		Rapporto di pilotaggio Pilot ratios		Regolazione Adjustment	
151		L	6.21 : 1	X	Grano - Dowel
Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)		G	4.1 : 1		
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') **350 bar**	Incr.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

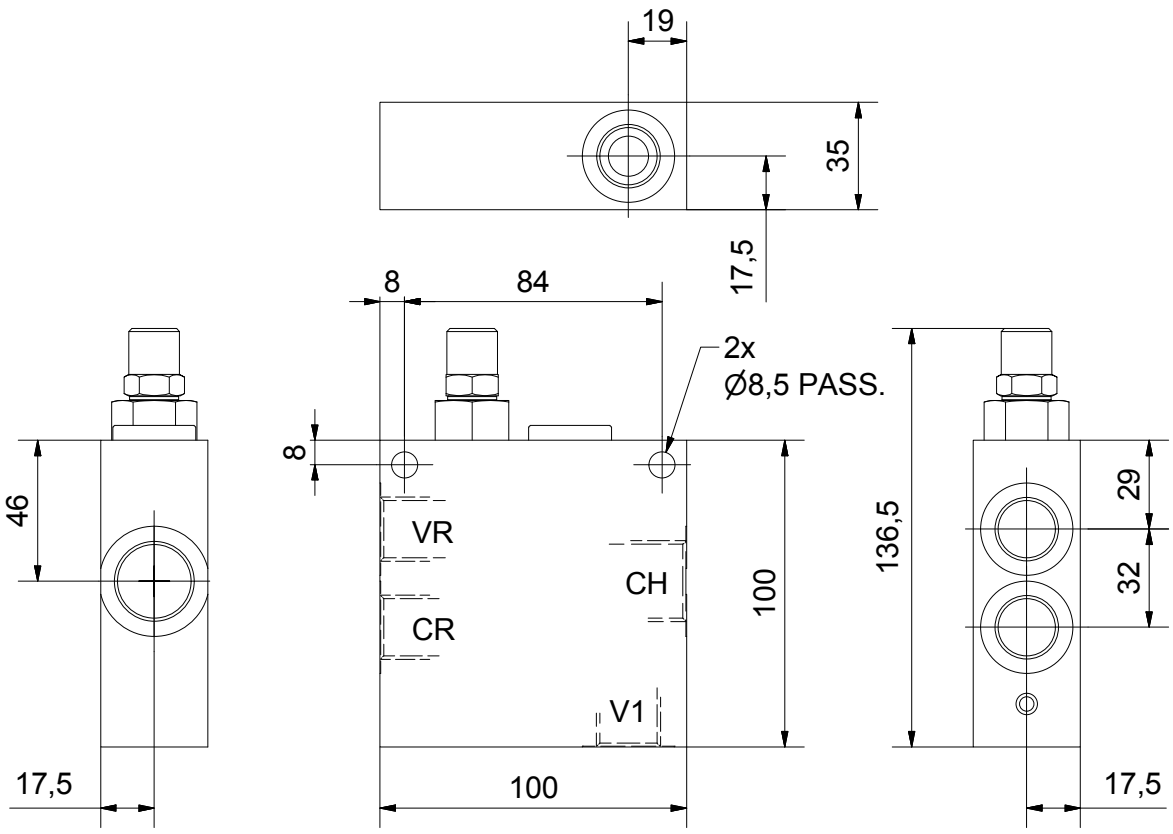
VR-60-SE-12





CARATTERISTICHE		PERFORMANCE
Portata nominale	**60 l/min**	Nominal flow-rate
Portata max	**80 l/min**	Max flow-rate
Pressione max. di lavoro	**250 bar**	Max working pressure
Campo di taratura	**30-350 bar**	Setting range
Rapporto di pilotaggio	**4.25:1**	Weight
Collettore in alluminio		Aluminium body
Peso	**1,2 kg**	Weight



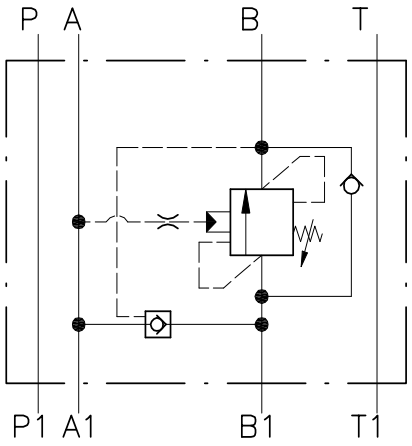


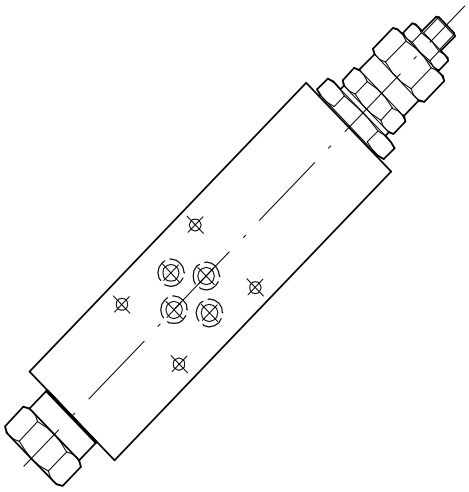
ATTACCHI PORT SIZE GAS (bspp)	
VR-CR-V1	**CH**
1/2"	**3/4"**

CODICE DI ORDINAZIONE
HOW TO ORDER

006 . 174 . 0 J 0

VR-CRR-CTP3-...





CARATTERISTICHE		PERFORMANCE
Luce nominale	**DN 6**	Rated size
Portata max in P	**30 l/min - 7.9 GPM**	Max flow in P port
Pressione di lavoro max.	**350 bar - 5075 PSI**	Max working pressure
Pressione max. di taratura	**350 bar - 5075 PSI**	Max setting pressure
Temperatura ambiente	**-30°C + 50°C**	Room temperature
Temperatura olio	**-30°C + 80°C**	Oil temperature
Filtraggio consigliato	**30 micron**	Recommended filtration
Peso		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.

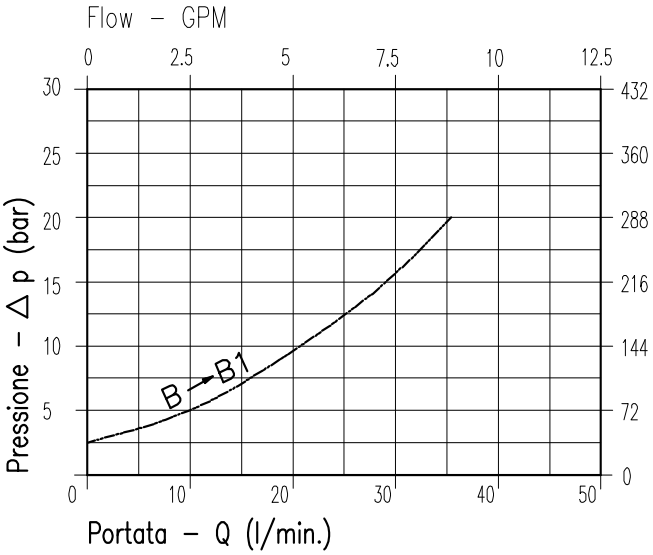
ESEMPIO/EXAMPLE:
Pressione di lavoro max:

Max working pressure:

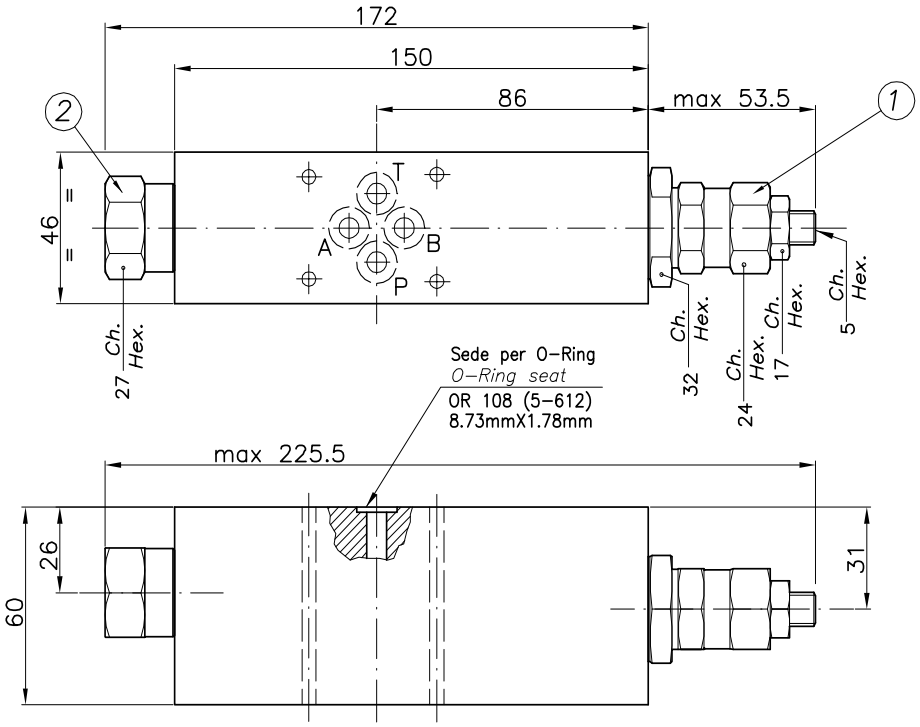
350 bar / 1.3 = 270 bar

Modulo sandwih per elettrodistributori 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 extention of cylinder rod.



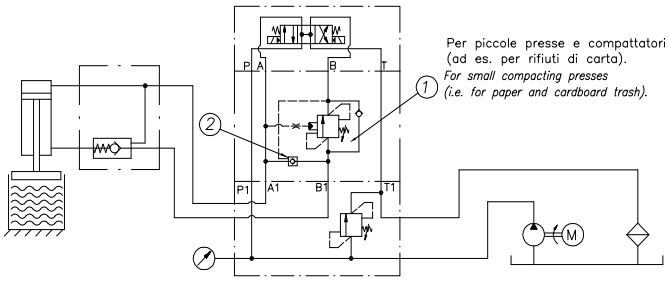
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



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

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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 scew
250 bar	**(138)**

Rapporto di pilotaggio
Pilot ratios

O	4.25 : 1

Regolazione
Adjustment

X	Grano - Dowel