



LUEN VALVES

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

LUEN VALVES

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

OMT HYDRAULIC COMPONENTS

è l'azienda del gruppo
per i componenti idraulici.

OMT HYDRAULIC COMPONENTS

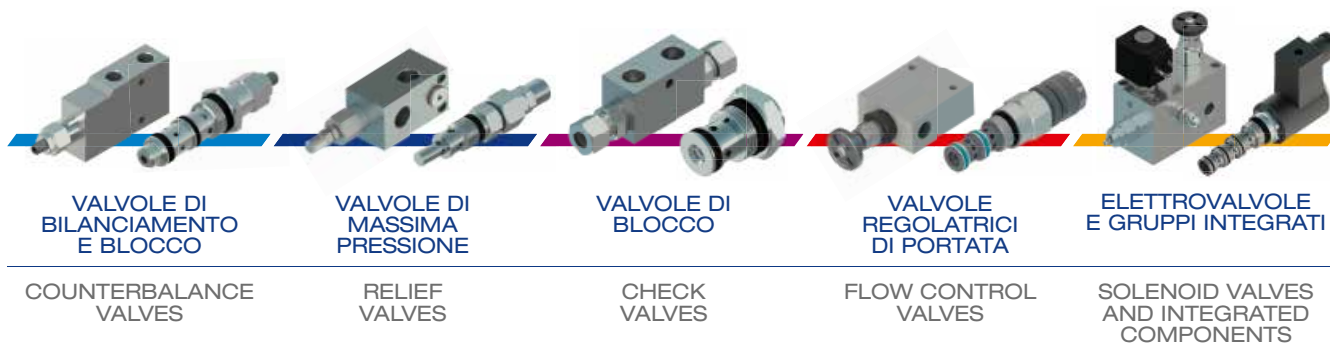
is the group's company
for hydraulic components.

**INSIEME NEL SETTORE
DELL'OLEODINAMICA.**

**TOGETHER IN THE
HYDRAULIC INDUSTRY.**

5

MACROGRUPPI DI PRODOTTI MAIN RANGES OF PRODUCTS



VALVOLE DI
BILANCIAMENTO
E BLOCCO

COUNTERBALANCE
VALVES

VALVOLE DI
MASSIMA
PRESSIONE

RELIEF
VALVES

VALVOLE DI
BLOCCO

CHECK
VALVES

VALVOLE
REGOLATRICI
DI PORTATA

FLOW CONTROL
VALVES

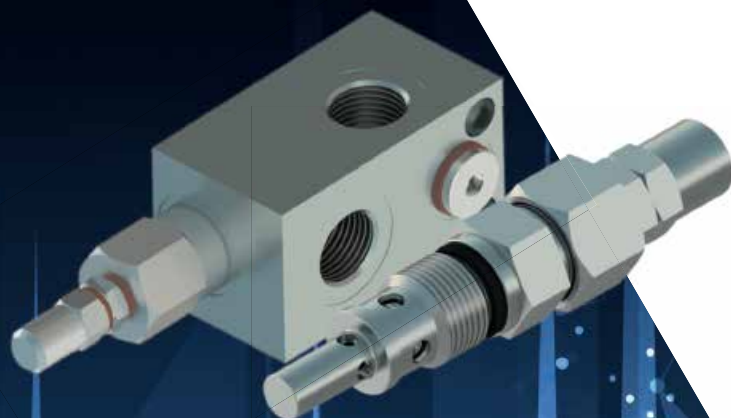
ELETTROVALVOLE
E GRUPPI INTEGRATI

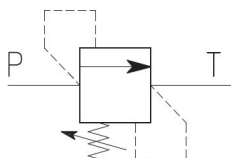
SOLENOID VALVES
AND INTEGRATED
COMPONENTS



VALVOLE
DI MASSIMA PRESSIONE

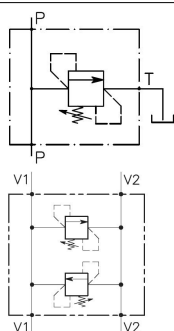
RELIEF
VALVES





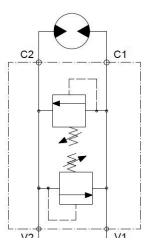
VALVOLE A CARTUCCIA
CARTRIDGE VALVES

p. 110-125



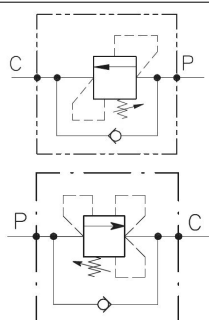
VALVOLE CON COLLETTORE
VALVES WITH BODY

p. 126-137



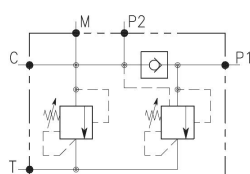
**VALVOLE CON COLLETTORE
FLANGIABILE MOTORE**
*VALVES WITH MOTOR
FLANGEABLE BODY*

p. 138-145



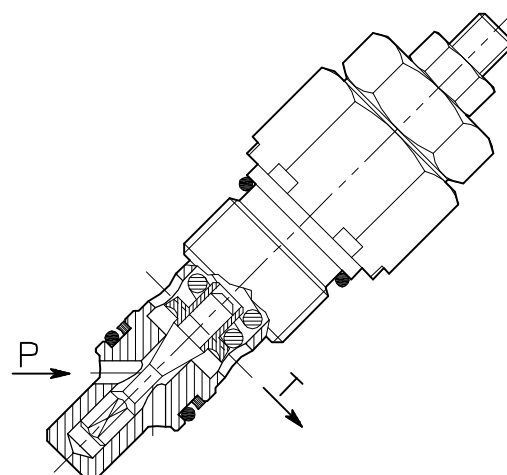
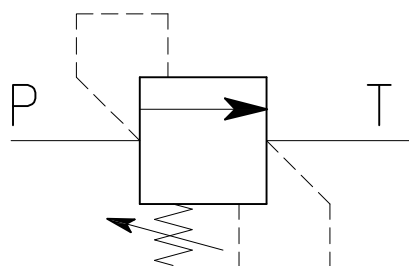
VALVOLE DI SEQUENZA
SEQUENCE VALVES

p. 146-161



**VALVOLE DI MESSA A
SCARICO POMPA DOPPIA**
PUMP UNLOADING VALVES

p. 162-169

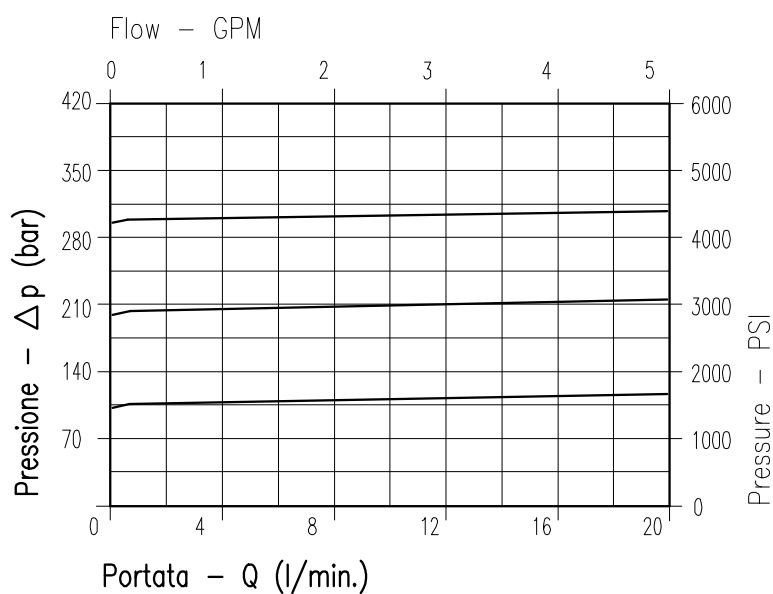


CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	20 l/min - 5.3 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	46÷51 Nm
Peso	0.107 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



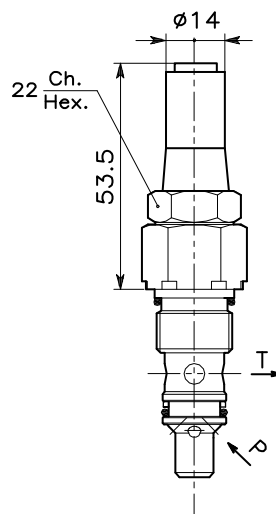
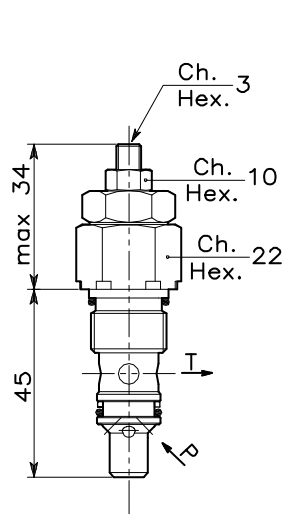
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

REGOLAZIONE
ADJUSTMENT

Grano
Dowel
(X)

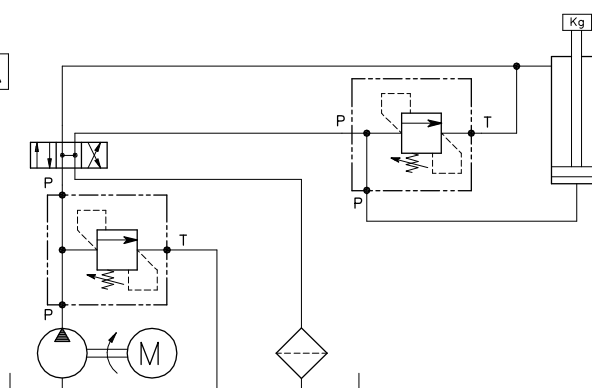
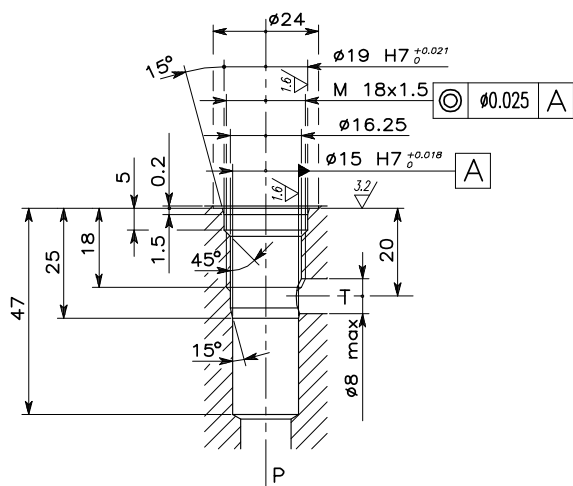
Piombata
Sealed
(K)



CAVITA'
CAVITY

CE.012.N

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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

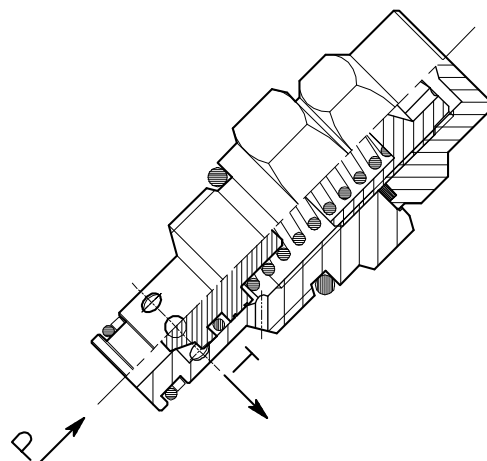
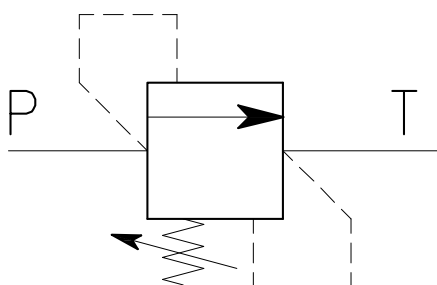
CODICE DI ORDINAZIONE
HOW TO ORDER

002 002 0 X 0

Campo taratura / Setting range					
002		073		074	
Campo taratura 5÷100 bar (molla colore blu)		Campo taratura 10÷210 bar (molla colore verde)		Campo taratura 20÷350 bar (molla colore giallo)	
Setting range 5÷100 bar (blue spring)		Setting range 10÷210 bar (green spring)		Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
70 bar	(--)	140 bar	(--)	280 bar	(--)

Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

VMP-VSQ-20-...-SN

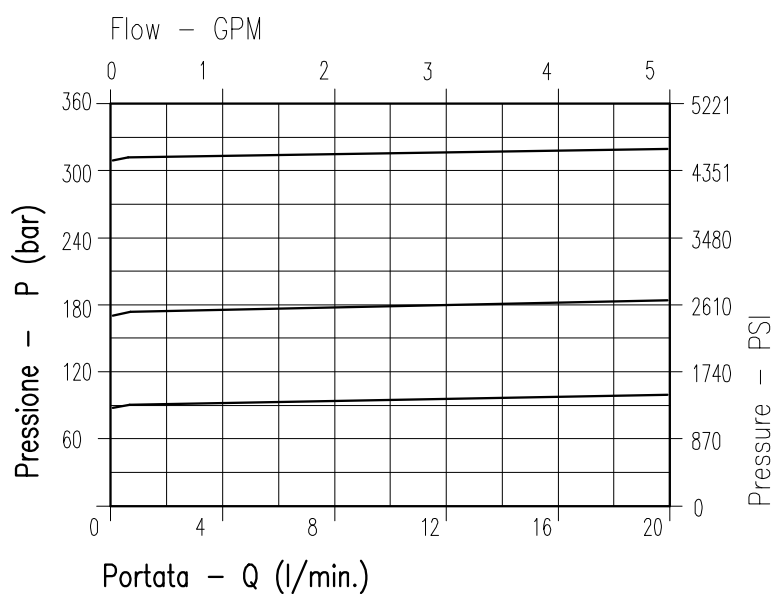


CARATTERISTICHE

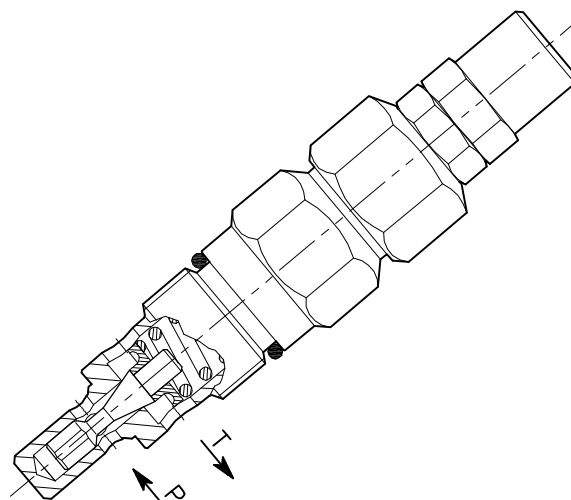
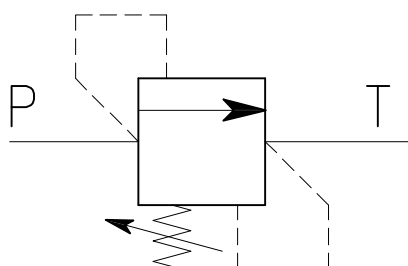
Luce nominale	DN 4.5
Portata min/max	20 l/min - 5.3 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	46÷51 Nm
Peso	0.101 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



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

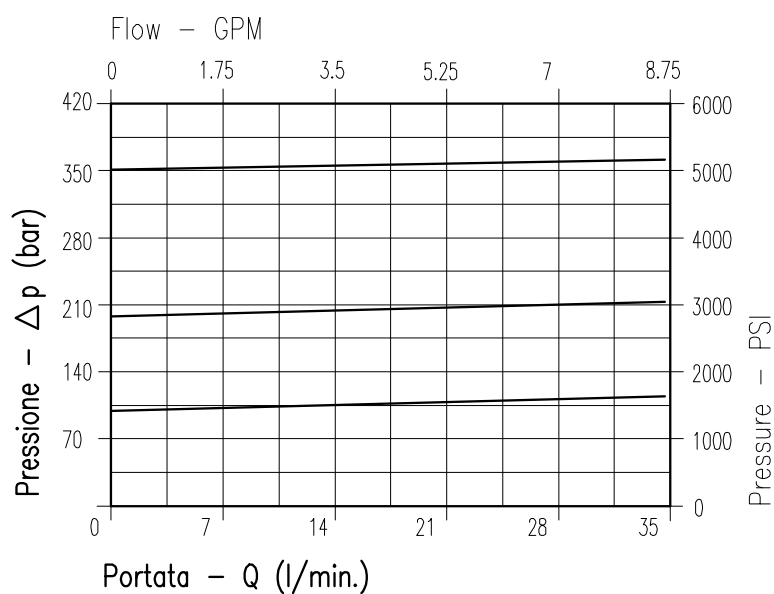


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	35 l/min - 9.2 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	50÷59 Nm
Peso	0.243 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



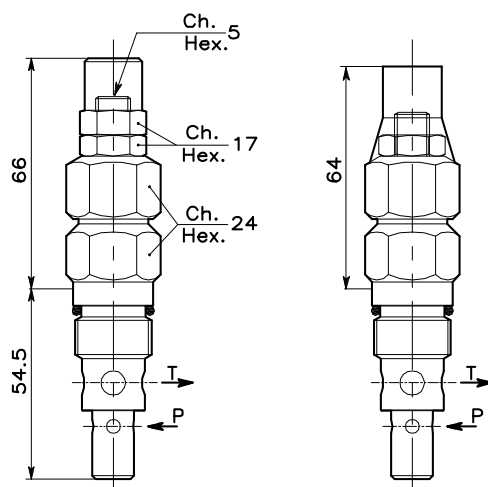
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

REGOLAZIONE
ADJUSTMENT

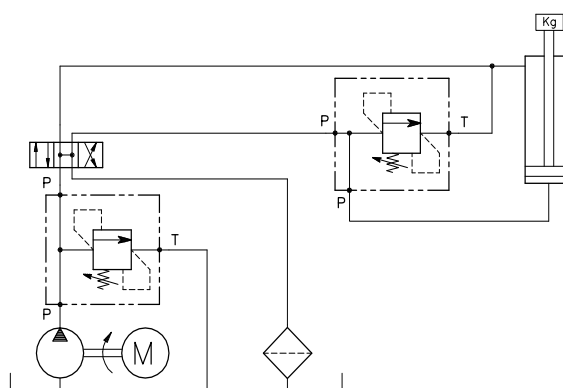
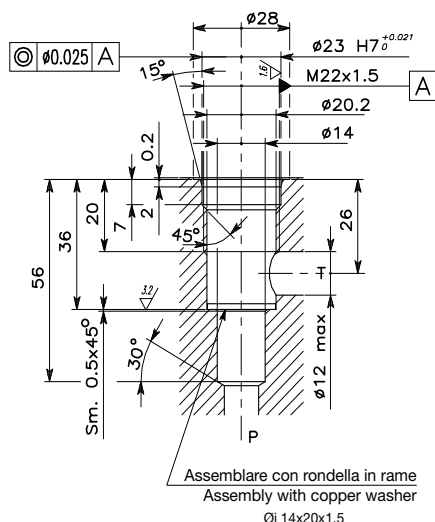
Grano
Dowel
(X)

Piombata
Sealed
(K)



CAVITA'
CAVITY **CE.007.L**

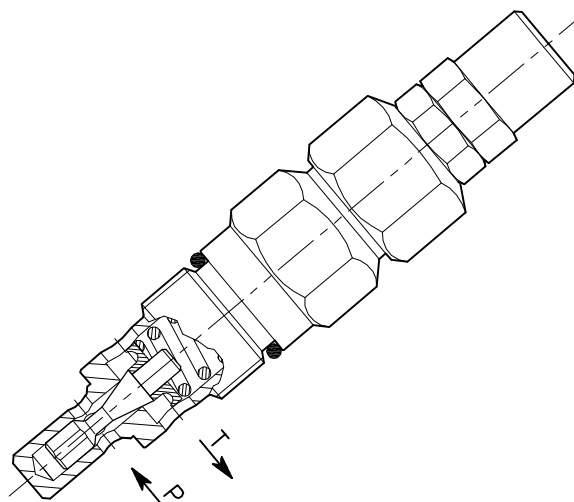
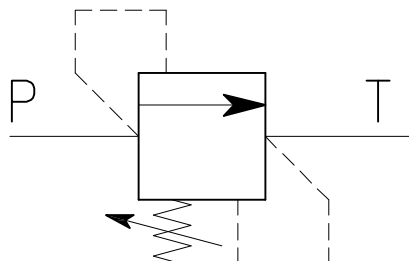
ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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

CODICE DI ORDINAZIONE
HOW TO ORDER

002		003		0		X		0	
Campo taratura / Setting range									
003		113		114					
Campo taratura 5÷100 bar (molla colore blu)		Campo taratura 10÷210 bar (molla colore verde)		Campo taratura 20÷350 bar (molla colore giallo)					
Setting range 5÷100 bar (blue spring)		Setting range 10÷210 bar (green spring)		Setting range 20÷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	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Regolazione Adjustment X Grano - Dowel K Piombata - Sealed			
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw				
80 bar	(--)	180 bar	(--)	320 bar	(--)				

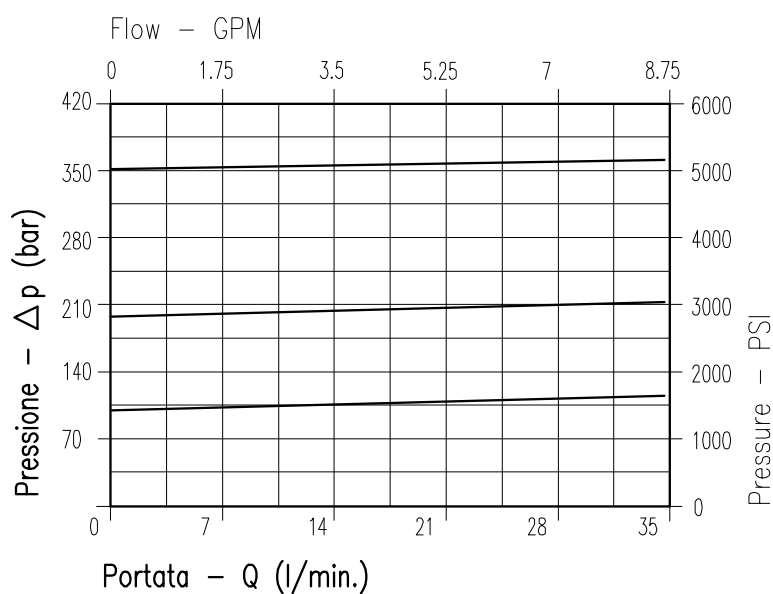


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	35 l/min - 9.2 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	46÷51 Nm
Peso	0.213 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



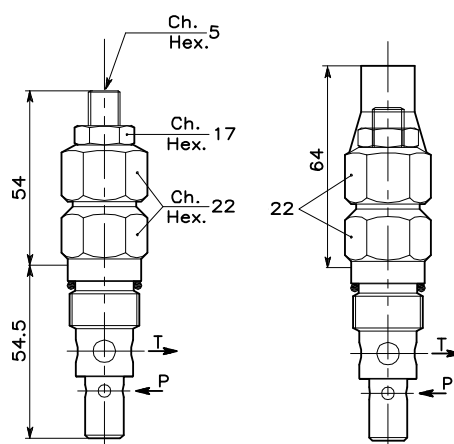
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

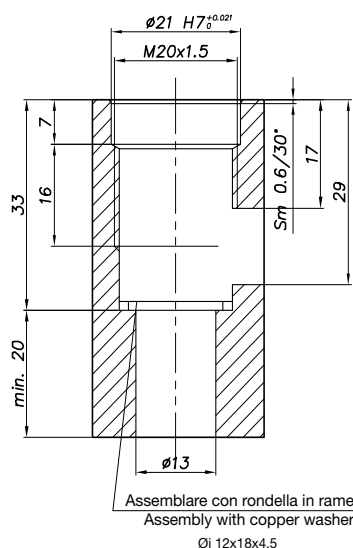
REGOLAZIONE
ADJUSTMENT

Grano
Dowel
(X)

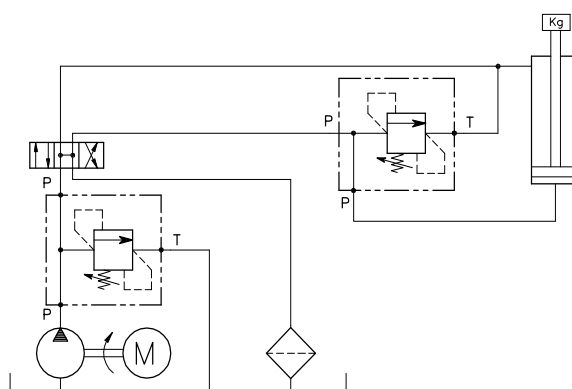
Piombata
Sealed
(K)



CAVITA' CAVITY CE.130.N



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



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

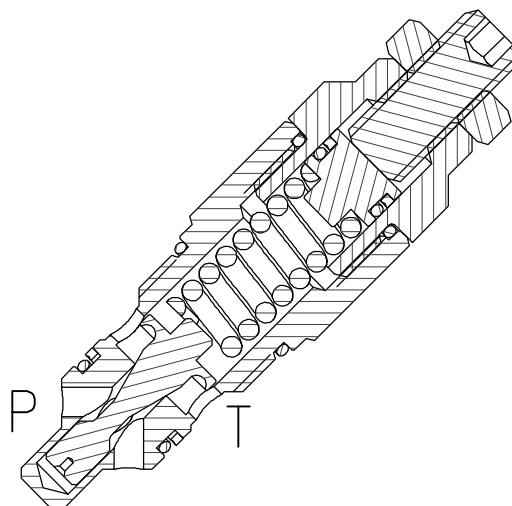
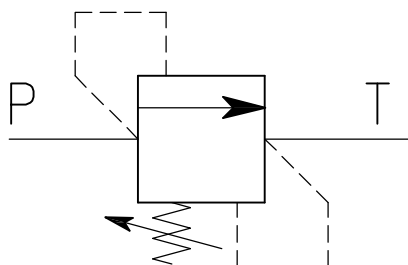
CODICE DI ORDINAZIONE HOW TO ORDER

002 747 0 X 0

Campo taratura / Setting range					
747		746		745	
Campo taratura 5÷100 bar (molla colore blu)		Campo taratura 10÷210 bar (molla colore verde)		Campo taratura 20÷350 bar (molla colore giallo)	
Setting range 5÷100 bar (blue spring)		Setting range 10÷210 bar (green spring)		Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
80 bar	(--)	180 bar	(--)	320 bar	(--)

Regolazione
Adjustment

X Grano - Dowel
K Piombata - Sealed

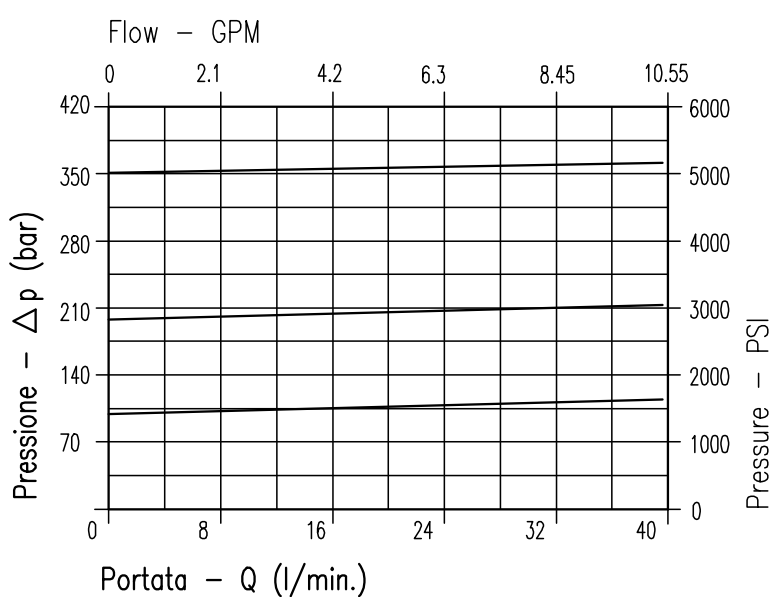


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	40 l/min - 10.55 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	50÷59 Nm
Peso	0.155 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight

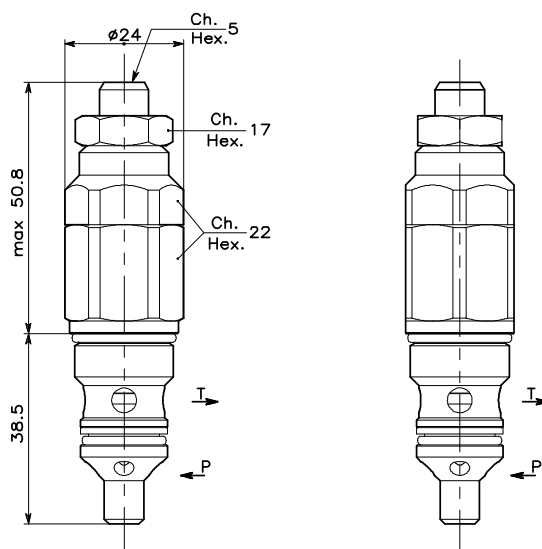


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

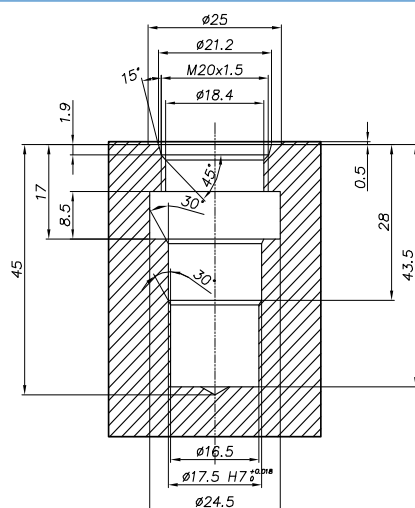
VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

REGOLAZIONE
ADJUSTMENT →

Grano
Dowel

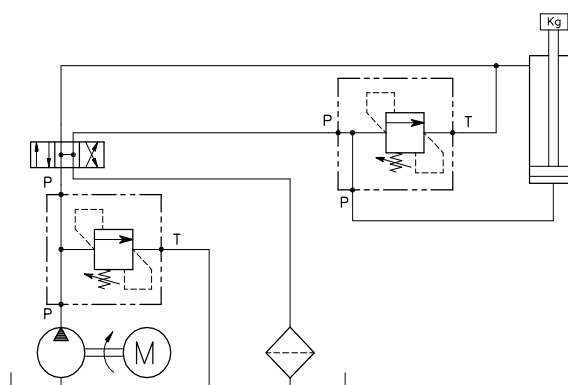


CAVITA' CAVITY CE.134.N



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

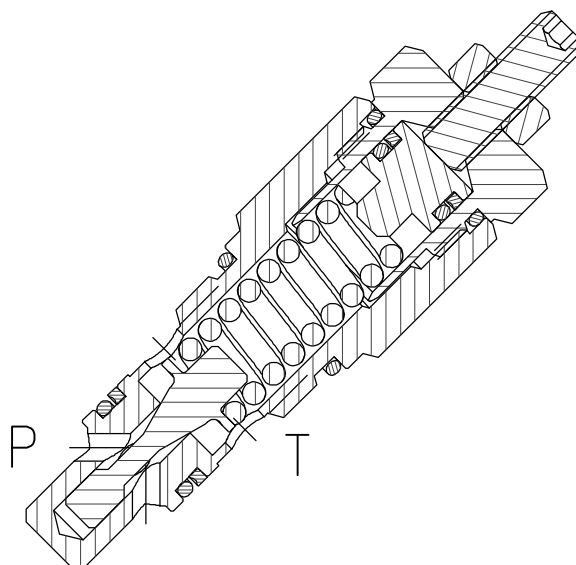
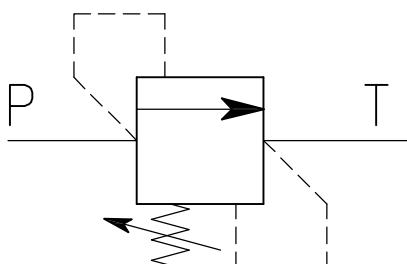
ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

002 769 X X 0

Campo taratura / Setting range					
X		U		K	
Campo taratura 5÷100 bar (molla colore blu) Setting range 5÷100 bar (blue spring)		Campo taratura 10÷210 bar (molla colore verde) Setting range 10÷210 bar (green spring)		Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
80 bar	(--)	180 bar	(--)	320 bar	(--)

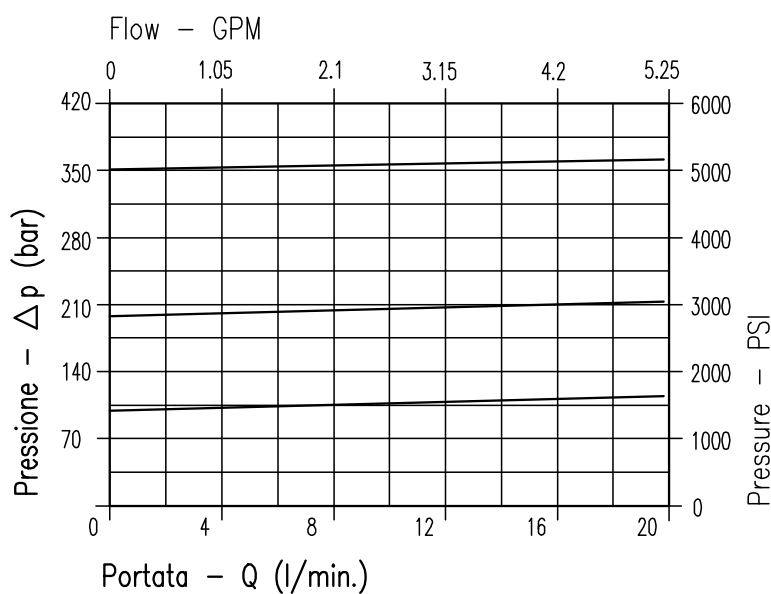


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	40 l/min - 10.55 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	50÷59 Nm
Peso	0.155 kg

PERFORMANCE

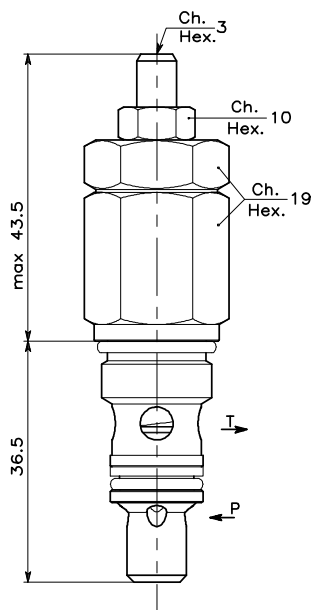
Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



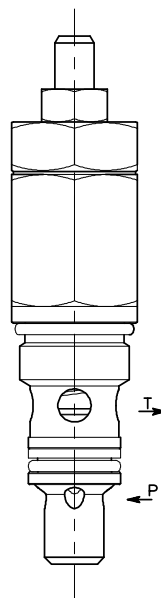
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

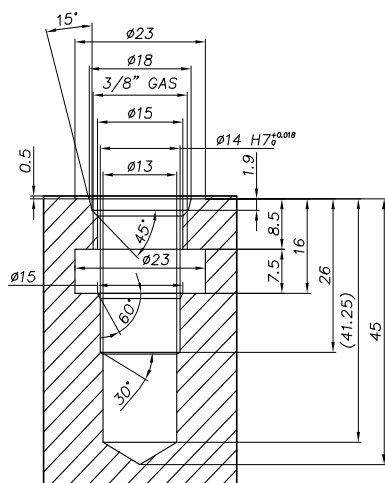
REGOLAZIONE
ADJUSTMENT →



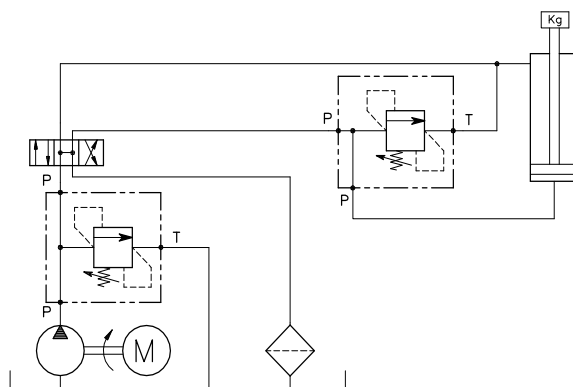
Grano
Dowel



CAVITA' CAVITY CE.133.N



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

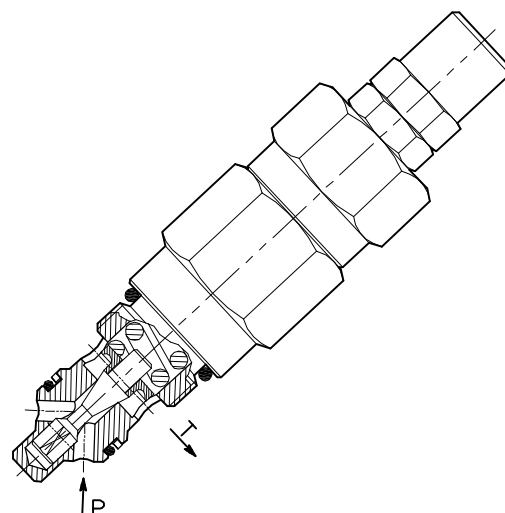
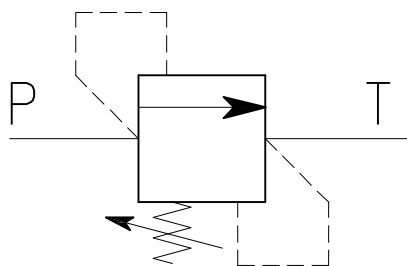


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

002 768 X X 0

Campo taratura / Setting range					
X		U		K	
Campo taratura 5÷100 bar (molla colore blu) Setting range 5÷100 bar (blue spring)		Campo taratura 10÷210 bar (molla colore verde) Setting range 10÷210 bar (green spring)		Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
80 bar	(--)	180 bar	(--)	320 bar	(--)

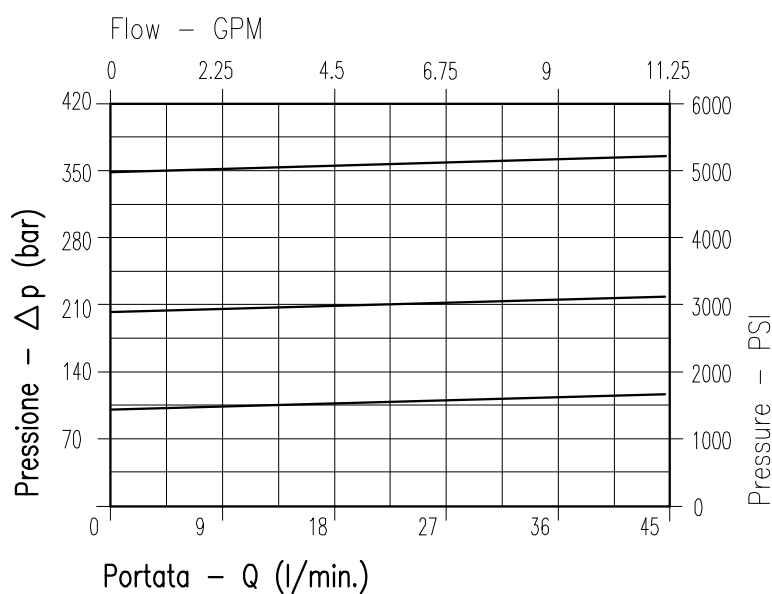


CARATTERISTICHE

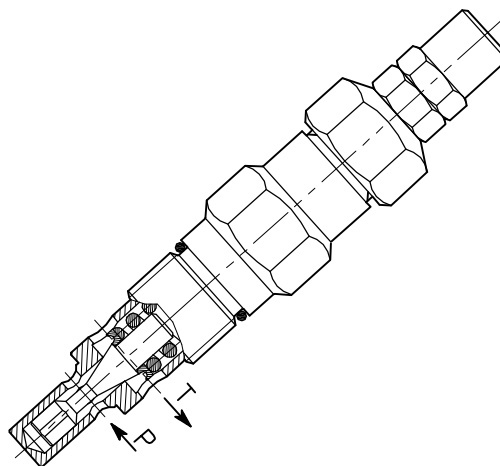
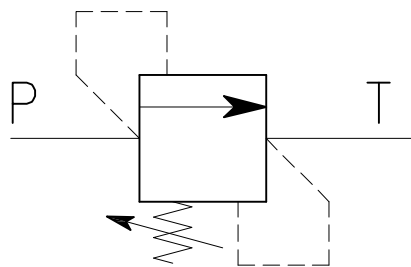
Luce nominale	DN 9
Portata min/max	45 l/min - 11.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	60÷69 Nm
Peso	0.313 kg

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



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

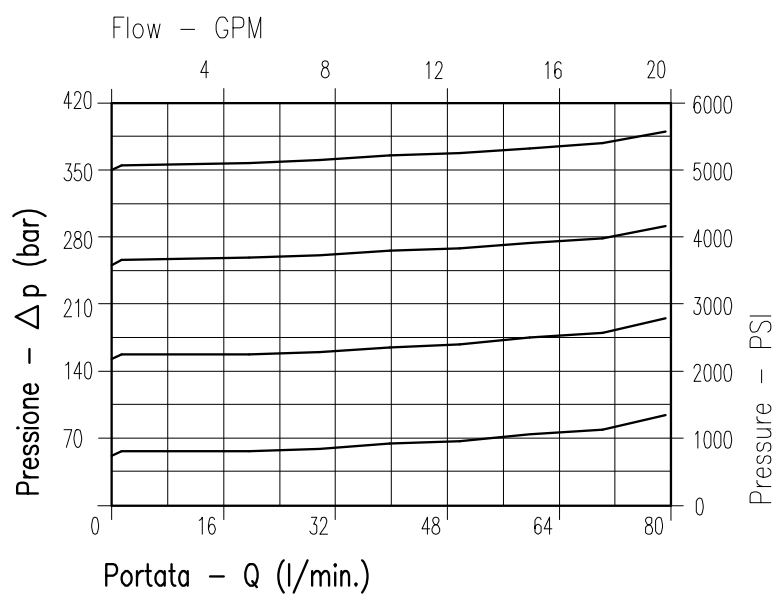


CARATTERISTICHE

Luce nominale	DN 8
Portata max	80 l/min - 21 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Coppia di serraggio	60÷69 Nm
Peso	0.382 kg

PERFORMANCE

Rated size
Max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



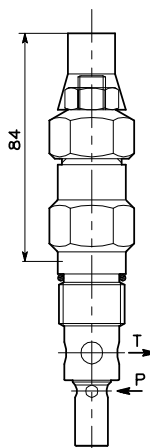
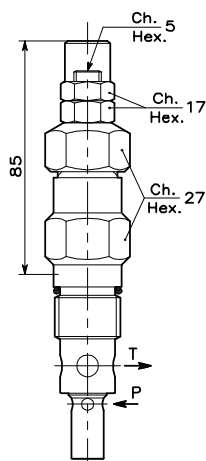
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA CON OTTURATORE CONICO CARTRIDGE RELIEF, DIRECT ACTING POPPET TYPE VALVE

REGOLAZIONE
ADJUSTMENT

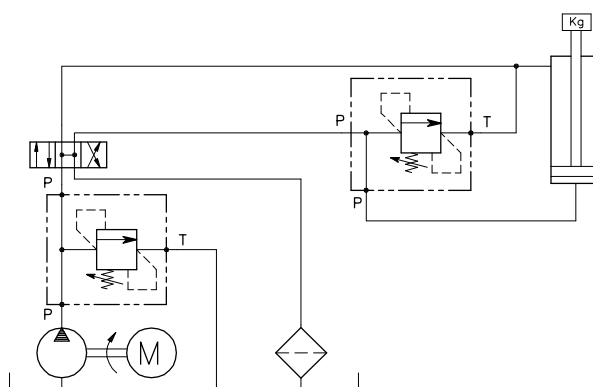
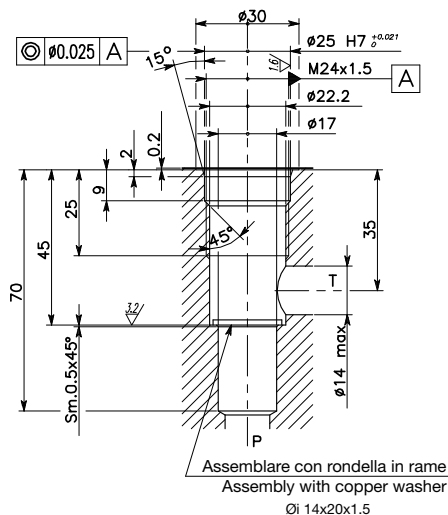
Grano
Dowel
(X)

Piombata
Sealed
(K)



CAVITA'
CAVITY CE.010.L

ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



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

Regolazione
Adjustment

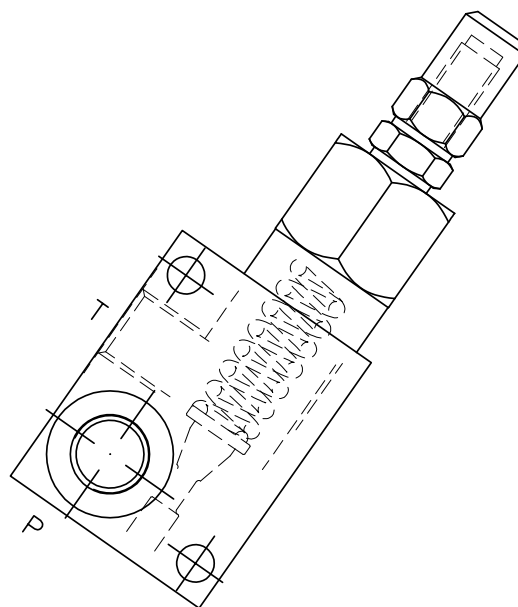
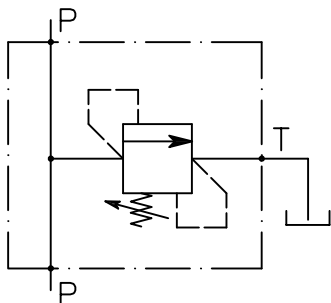
X Grano - Dowel
K Piombata - Sealed

CODICE DI ORDINAZIONE
HOW TO ORDER

002 005 0 X 0

Campo taratura / Setting range											
005		163		164		165		166		315	
Campo taratura 5÷50 bar (molla colore blu)		Campo taratura 10÷100 bar (molla colore nero)		Campo taratura 10÷150 bar (molla colore verde)		Campo taratura 25÷250 bar (molla colore giallo)		Campo taratura 50÷310 bar (molla colore rosso)		Campo taratura 150÷350 bar (molla speciale)	
Setting range 5÷50 bar (blue spring)		Setting range 10÷100 bar (black spring)		Setting range 10÷150 bar (green spring)		Setting range 25÷250 bar (yellow spring)		Setting range 50÷310 bar (red spring)		Setting range 150÷350 bar (special spring)	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
40 bar	(--)	80 bar	(--)	120 bar	(--)	210 bar	(--)	300 bar	(--)	320 bar	(--)

A-VMP-PIB-...-SL



CARATTERISTICHE

Luce nominale
Portata min/max
Pressione di lavoro max
Pressione max. di taratura
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso valvola

7 DN

Vedi tabella/see table

350 bar 5075 PSI

300 bar 4350 PSI

-30°C + 50°C

-30°C + 80°C

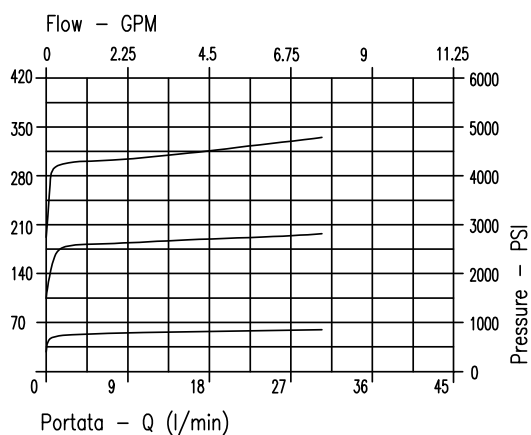
30 ÷ 50

Vedi tabella/see table

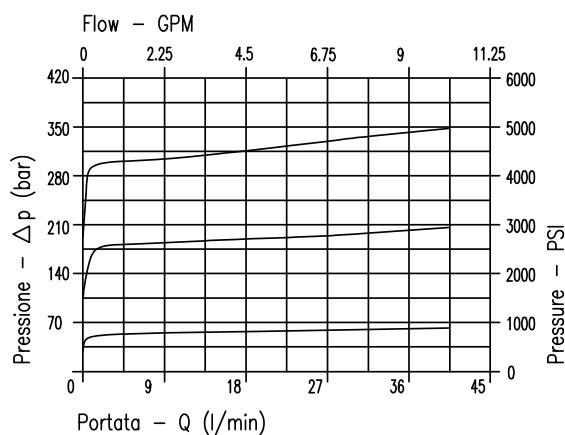
PERFORMANCE

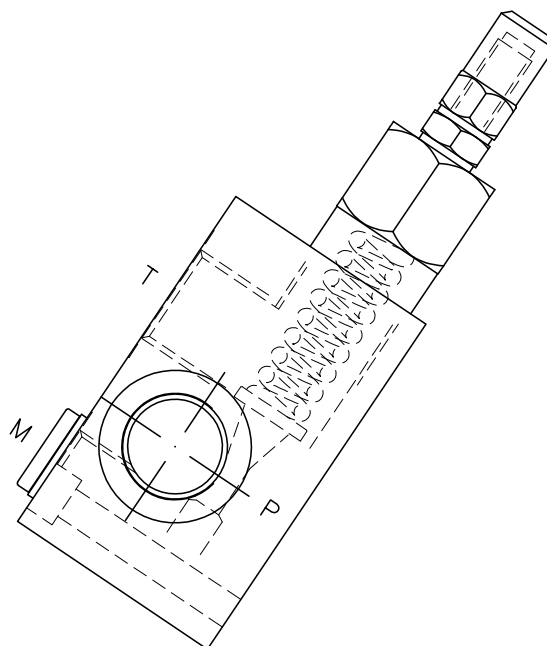
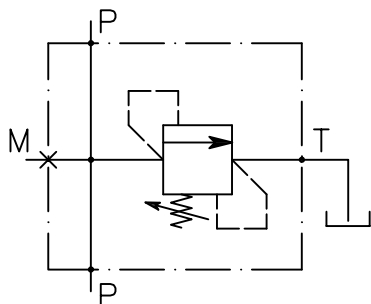
Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Valve weight

Viscosita' olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



Viscosita' olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C





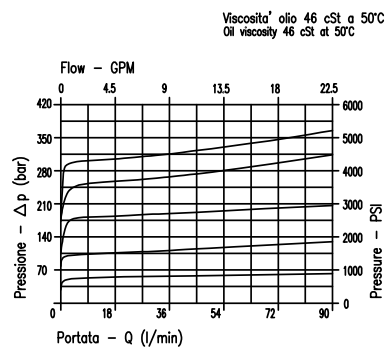
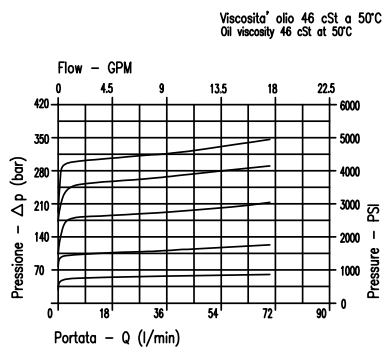
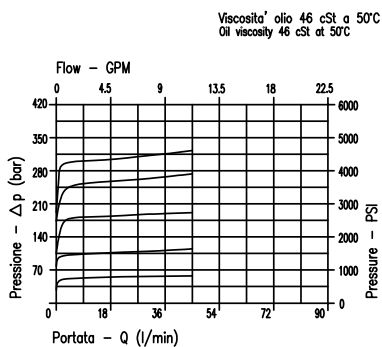
CARATTERISTICHE

Luce nominale
Portata min/max
Pressione di lavoro max
Pressione max. di taratura
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso valvola

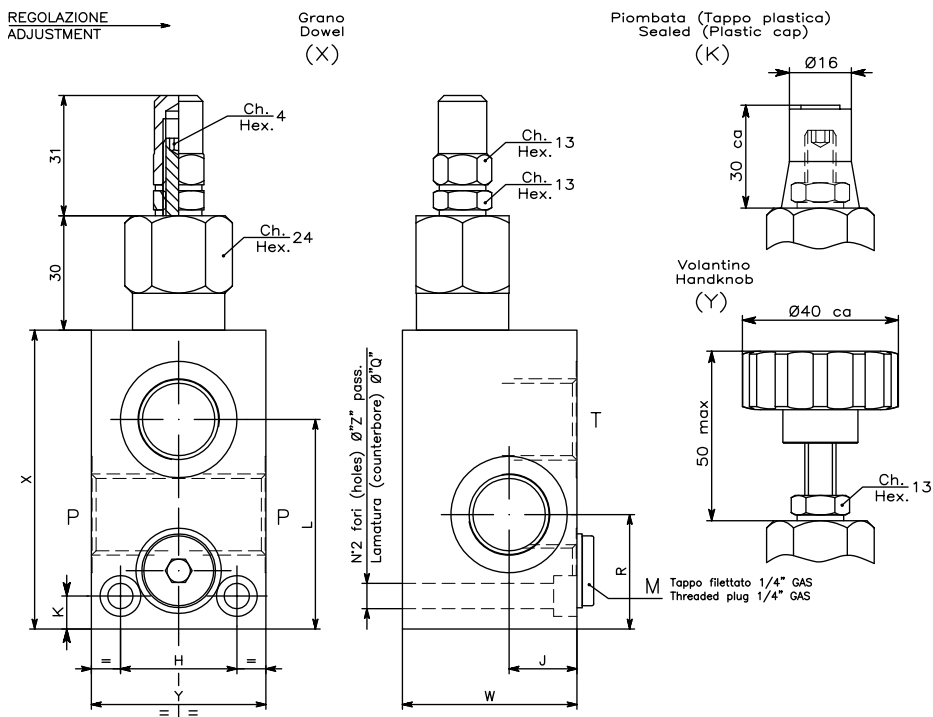
8.5 DN
Vedi tabella/see table
350 bar 5075 PSI
300 bar 4350 PSI
-30°C + 50°C
-30°C + 80°C
30 ÷ 50
Vedi tabella/see table

PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Valve weight



DIRECT ACTING RELIEF VALVE, POPPET TYPE WITH BODY, LARGE SERIES



DIMENSIONI DIMENSIONS

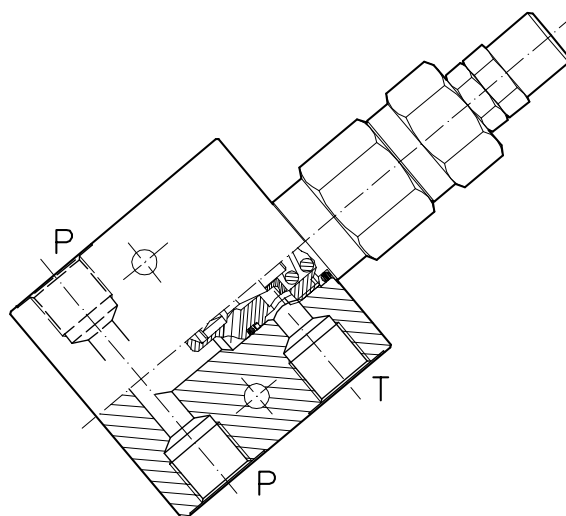
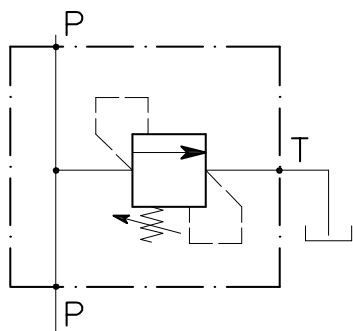
Codice Code	Attacchi Port size P-T	X	Y	W	H	K	Z Q	R	J	L	Portata Max max Flow l/min (GPM)	Peso weight Kg
003	3/8" GAS	72	40	40	26	8.5	$\frac{6.5}{10.5}$	26	15	49,5	45-11.89	0.88
004	1/2" GAS	77	45	45	30	8.5	$\frac{6.5}{10.5}$	29.5	17.5	54	70-18.41	1.13
005	3/4" GAS	92	50	50	32	10	$\frac{8.5}{14}$	35	17.5	68	90-23.78	1.55

CODICE DI ORDINAZIONE HOW TO ORDER

N02 003 A X 0 . A

Numero valvola / Valve number				Regolazione Adjustment		Materiale collettore Body material	
003		A	Campo taratura 10 - 50 bar setting range 10 - 50 bar		X	Grano dowel	Acciaio zincato Zinc plated steel
			taratura standard (Q=5 l/min) standard setting (Q=5 l/min) 25 bar	incr. press. bar/giro-vite pressure rise (Q=5 l/min) 7 bar			
004		B	Campo taratura 20 - 100 bar setting range 20 - 100 bar		K	Piombato sealed	
			taratura standard (Q=5 l/min) standard setting (Q=5 l/min) 60 bar	incr. press. bar/giro-vite pressure rise (Q=5 l/min) 12 bar			
005		C	Campo taratura 10 - 180 bar setting range 10 - 180 bar		Y	Volantino handknob	
			taratura standard (Q=5 l/min) standard setting (Q=5 l/min) 90 bar	incr. press. bar/giro-vite pressure rise (Q=5 l/min) 30 bar			
		D	Campo taratura 50 - 250 bar setting range 50 - 250 bar				
			taratura standard (Q=5 l/min) standard setting (Q=5 l/min) 120 bar	incr. press. bar/giro-vite pressure rise (Q=5 l/min) 45 bar			
		E	Campo taratura 80 - 300 bar setting range 80 - 300 bar				
			taratura standard (Q=5 l/min) standard setting (Q=5 l/min) 150 bar	incr. press. bar/giro-vite pressure rise (Q=5 l/min) 50 bar			

VMP-45-...-C-...-L-SN

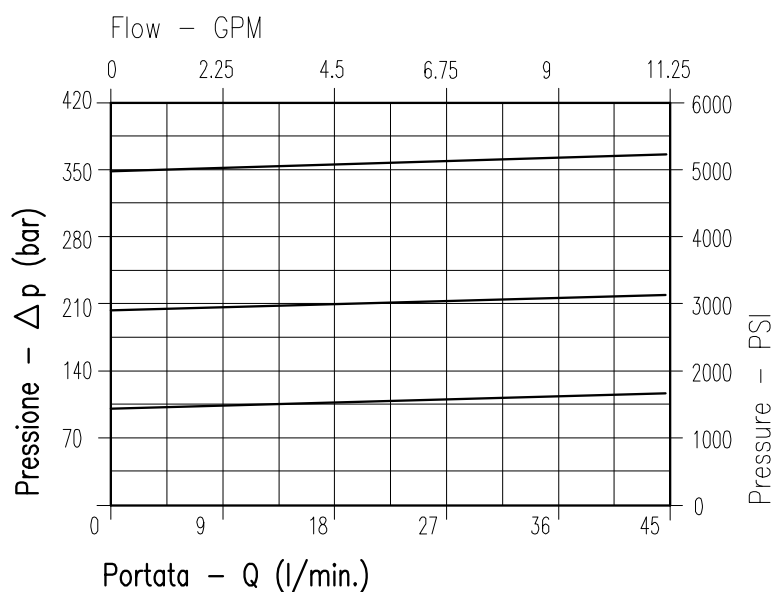


CARATTERISTICHE

Luce nominale	DN 9
Portata min/max	45 l/min - 11.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso 3/8" GAS	0.711 Kg
Peso 1/2" GAS	0.690 Kg

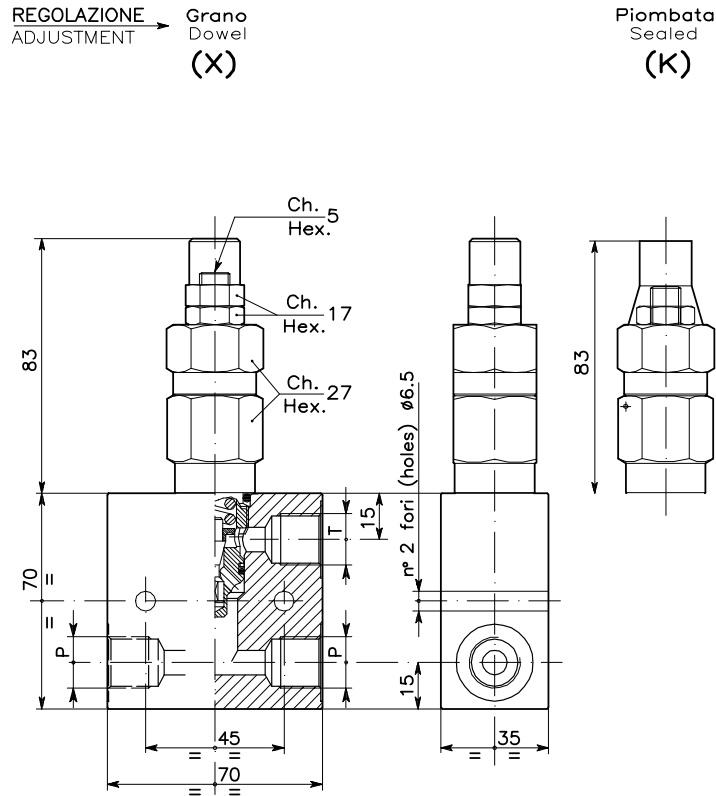
PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 3/8" GAS
Weight 1/2" GAS



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

**VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA
CON OTTURATORE CONICO E COLLETTORE IN LINEA**
CARTRIDGE RELIEF DIRECT ACTING POPPET TYPE VALVE WITH IN LINE BODY



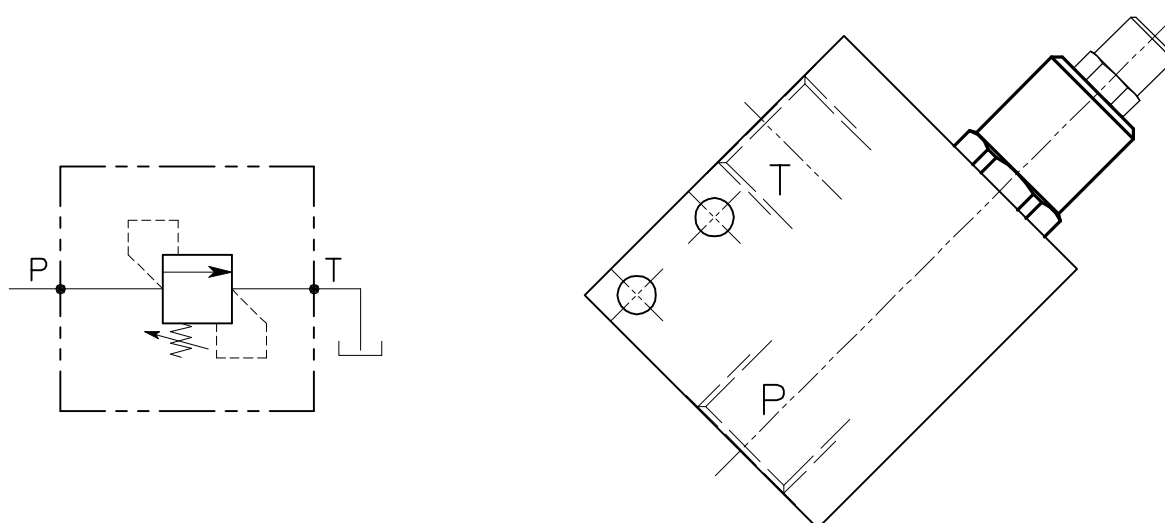
DIMENSIONI DIMENSIONS

Campo taratura Setting range			Attacchi Port size P-T GAS (BSPP)
038	274	275	3/8"
039	276	277	1/2"

CODICE DI ORDINAZIONE HOW TO ORDER

002 038 0 X 0 . A

Campo taratura / Setting range						<table><tr><th colspan="2">Regolazione Adjustment</th><th rowspan="4">Materiale collettore Body material</th></tr><tr><td>X</td><td>Grano - Dowel</td></tr><tr><td>K</td><td>Piombata - Sealed</td></tr></table>		Regolazione Adjustment		Materiale collettore Body material	X	Grano - Dowel	K	Piombata - Sealed
Regolazione Adjustment		Materiale collettore Body material												
X	Grano - Dowel													
K	Piombata - Sealed													
038			274		275									
039		276		277										
Campo taratura 5÷100 bar (molla colore blu) Setting range 5÷100 bar (blue spring)		Campo taratura 10÷210 bar (molla colore verde) Setting range 10÷210 bar (green spring)		Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw									
80 bar	(--)	180 bar	(--)	320 bar	(--)									

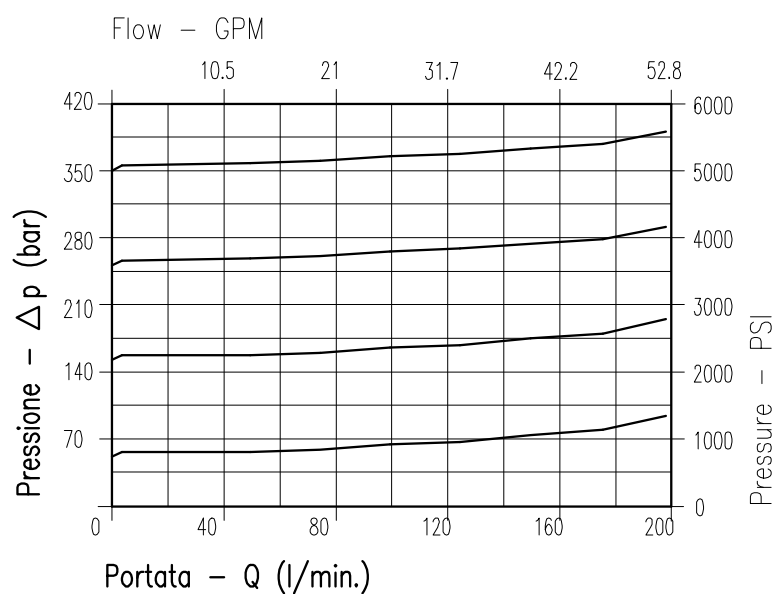


CARATTERISTICHE

Luce nominale	DN 14
Portata min/max	180 l/min - 45 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	300 bar - 4352 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso 1" GAS	1.492 Kg
Peso 1 1/4" GAS	

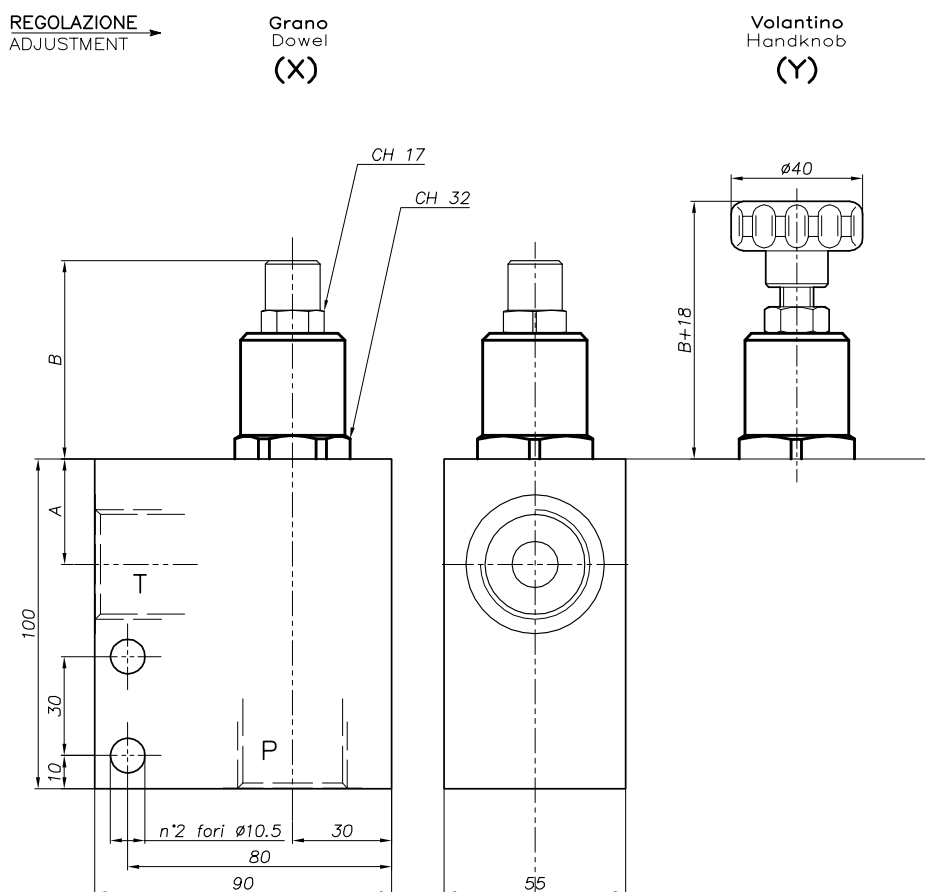
PERFORMANCE

Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 1" GAS
Weight 1 1/4" GAS



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

**VALVOLA DI MASSIMA PRESSIONE A CARTUCCIA AD AZIONE DIRETTA
CON OTTURATORE CONICO E COLLETTORE IN DERIVAZIONE**
CARTRIDGE RELIEF DIRECT ACTING POPPET TYPE VALVE WITH 90 DEGREE BODY



**DIMENSIONI
DIMENSIONS**

Campo taratura Setting range	A	B	Attacchi Port size P-T GAS (BSPP)
787	32	60	1"
780	28	64	1 1/4"

**CODICE DI ORDINAZIONE
HOW TO ORDER**

002 787 0 X 0 . A

Campo taratura / Setting range

787

780

Campo taratura 60÷300 bar
(molla colore rosso)

Setting range 60÷300 bar
(red spring)

Taratura standard
(Q=5 l/1')

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

250 bar

Incr. press. -
bar giro/vite

Pressure rise -
turn of screw

83 bar

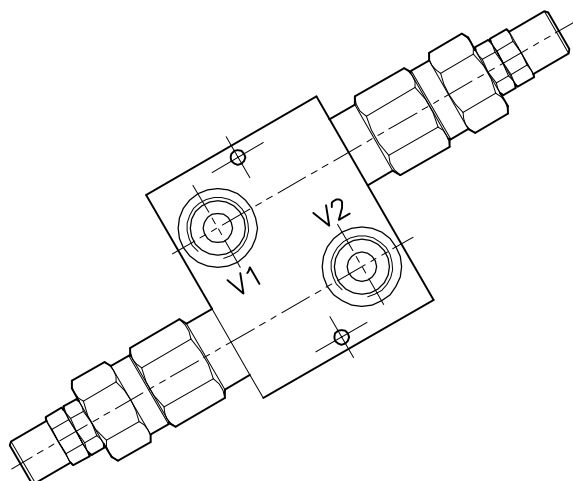
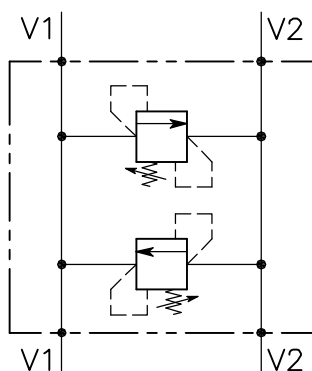
Regolazione
Adjustment

X | Grano - Dowel
Y | Volantino - Handknob

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel

VMP-DI-...-...-L

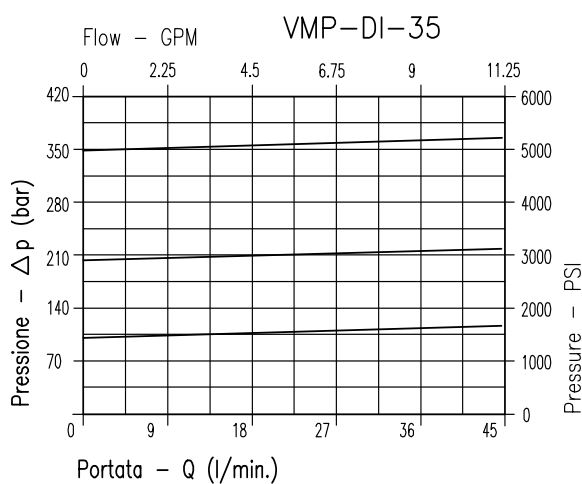


CARATTERISTICHE

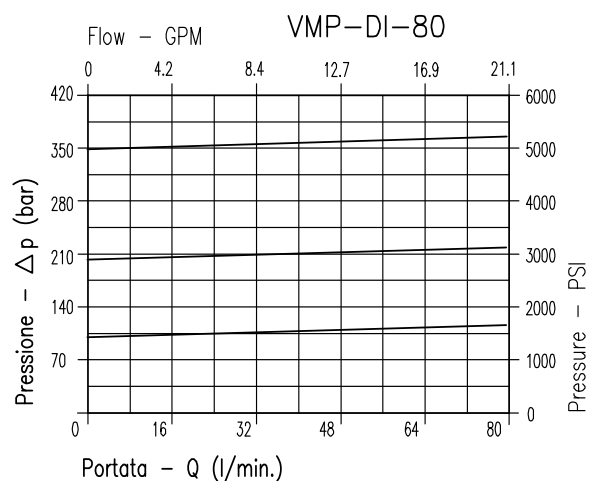
Luce nominale min/max	DN 8/10
Portata min/max	1/80 l/min - 0.26/21 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Coppia di serraggio	70÷85 Nm
Peso 3/8" GAS	0.882 Kg
Peso 3/4" GAS	1.582 Kg

PERFORMANCE

Min/max rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight 3/8" GAS
Weight 3/4" GAS

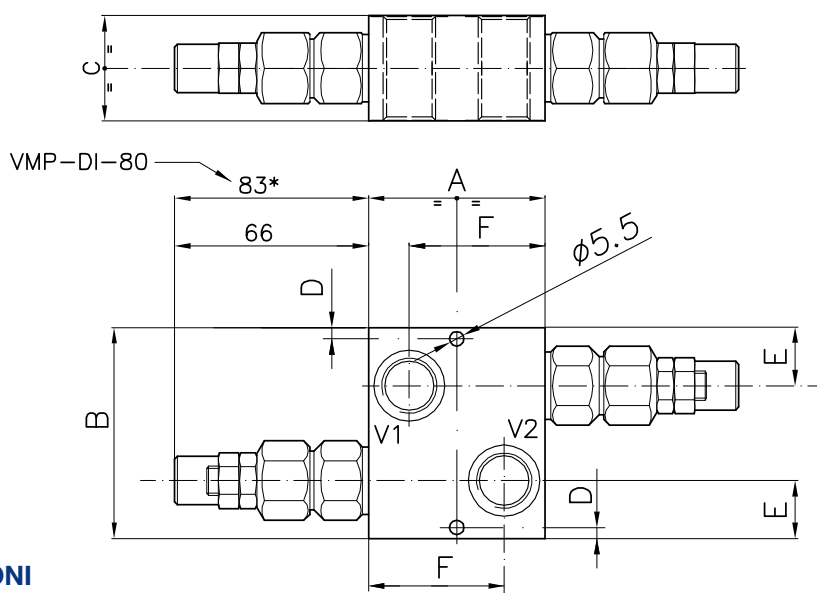


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C



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

**VALVOLA DI MASSIMA PRESSIONE A DOPPIO EFFETTO A CARTUCCIA AD AZIONE DIRETTA
CON OTTURATORE CONICO E COLLETTORE IN LINEA**
CARTRIDGE RELIEF DIRECT ACTING POPPET TYPE VALVE WITH IN LINE BODY



**DIMENSIONI
DIMENSIONS**

Campo taratura Setting range			A	B	C	D	E	F	Attacchi Port size V1-V2 GAS (BSPP)
051	281	282	80	60	40	5.5	18	64	3/8"
052	283	284							1/2"

Campo taratura Setting range					A	B	C	D	E	F	Attacchi Port size V1-V2 GAS (BSPP)
053	285	286	287	288	80	60	40	5.5	18	64	3/4"
				332							3/4"

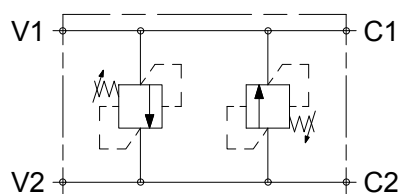
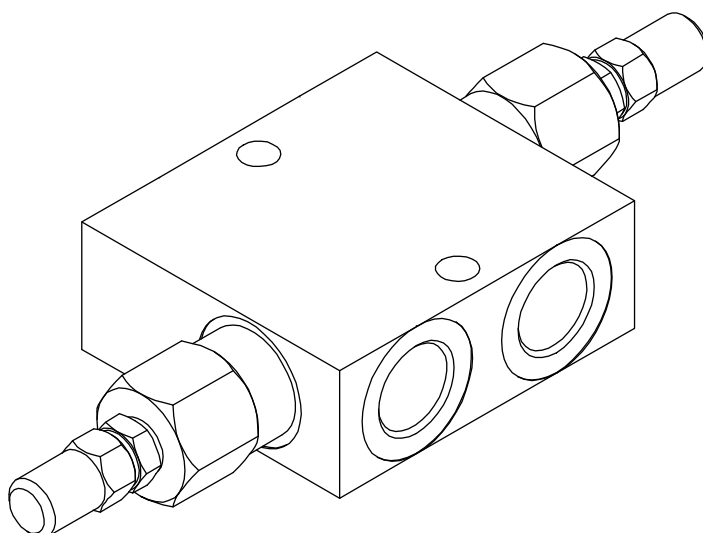
**CODICE DI ORDINAZIONE
HOW TO ORDER**

Campo taratura / Setting range		
051	281	282
052	283	284
Campo taratura 5÷100 bar (molla colore blu) Setting range 5÷100 bar (blue spring)	Campo taratura 10÷210 bar (molla colore verde) Setting range 10÷210 bar (green spring)	Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷350 bar (yellow spring)
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite (Q=5 l/1')	Taratura standard (Q=5 l/1')
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw (--)	Std. bar setting (Q=5 l/1')
80 bar	180 bar	320 bar

002 051 0 X 0 . A

Campo taratura / Setting range					Materiale collettore Body material
053	285	286	287	288	
				332	Acciaio zincato Zinc plated steel
Campo taratura 5÷50 bar (molla colore blu) Setting range 5÷50 bar (colour blue spring)	Campo taratura 5÷100 bar (molla colore nero) Setting range 5÷100 bar (colour black spring)	Campo taratura 10÷150 bar (molla colore verde) Setting range 10÷150 bar (colour green spring)	Campo taratura 25÷250 bar (molla colore giallo) Setting range 25÷250 bar (colour yellow spring)	Campo taratura 40÷350 bar (molla colore rosso) Setting range 40÷350 bar (colour red spring)	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite (Q=5 l/1')	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite (Q=5 l/1')	Taratura standard (Q=5 l/1')	
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw (--)	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw (--)	Std. bar setting (Q=5 l/1')	
40 bar	80 bar	120 bar	210 bar	320 bar	

A-VMP-IN-L-DE-



CARATTERISTICHE

Portata max
Pressione di lavoro max
Pressione di taratura max
Temperatura ambiente
Temperatura olio
Peso

Vedi tabella / See table

350 bar 5075 PSI

300 bar 4350 PSI

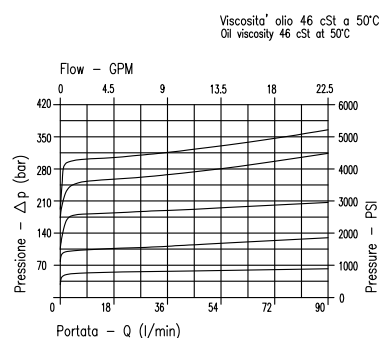
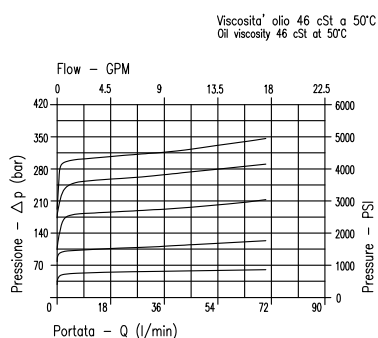
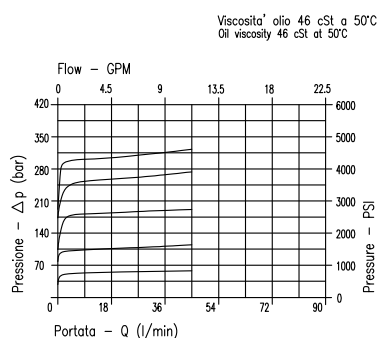
-30°C + 50°C

-30°C + 80°C

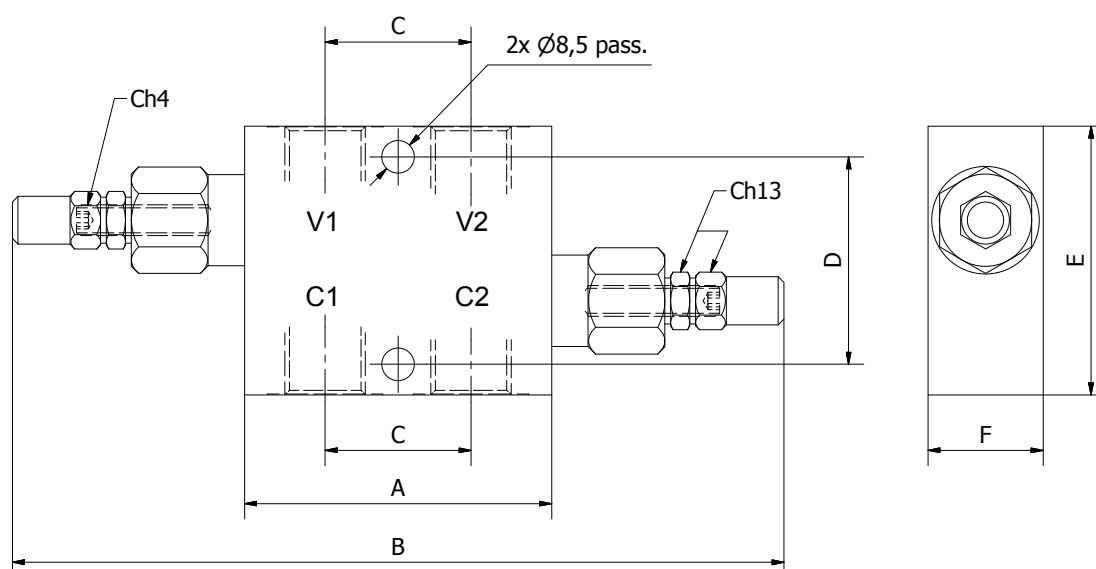
Vedi tabella / See table

PERFORMANCE

Max flow rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Weight



VALVOLA DI MASSIMA DOPPIA INCROCIATA DUAL CROSS RELIEF VALVE



DIMENSIONI DIMENSIONS

Codice Code	Attacchi Port size V1-V2 C1-C2	A	B	C	D	E	F	Portata max Max Flow	Peso Weight
	GAS (bspp)	mm	mm	mm	mm	mm	mm	L/min - (GPM)	Kg
007	3/8"	80	180	33	54	70	30	45 - 11,89	1,24
006	1/2"	80	200	38	54	70	30	70 - 18,41	1,22
008	3/4"	95	215	44	54	80	35	110 - 29,06	1,73

CODICE DI ORDINAZIONE HOW TO ORDER

N02

006

C

X

0

.

A

Numero valvola / Valve number

007

006

008

Campo taratura 10 - 50 bar
setting range 10 - 50 bar

A

taratura standard
(Q=5 l/min)
standard setting
(Q=5 l/min)
25 bar

incr. press.
bar/giro-vite
pressure rise
(Q=5 l/min)
7 bar

Campo taratura 20 - 100 bar
setting range 20 - 100 bar

B

taratura standard
(Q=5 l/min)
standard setting
(Q=5 l/min)
60 bar

incr. press.
bar/giro-vite
pressure rise
(Q=5 l/min)
12 bar

Campo taratura 10 - 180 bar
setting range 10 - 180 bar

C

taratura standard
(Q=5 l/min)
standard setting
(Q=5 l/min)
90 bar

incr. press.
bar/giro-vite
pressure rise
(Q=5 l/min)
30 bar

Campo taratura 50 - 250 bar
setting range 50 - 250 bar

D

taratura standard
(Q=5 l/min)
standard setting
(Q=5 l/min)
120 bar

incr. press.
bar/giro-vite
pressure rise
(Q=5 l/min)
45 bar

Campo taratura 80 - 300 bar
setting range 80 - 300 bar

E

taratura standard
(Q=5 l/min)
standard setting
(Q=5 l/min)
150 bar

incr. press.
bar/giro-vite
pressure rise
(Q=5 l/min)
50 bar

Regolazione
Adjustment

X

Grano
dowel

K

Piombato
sealed

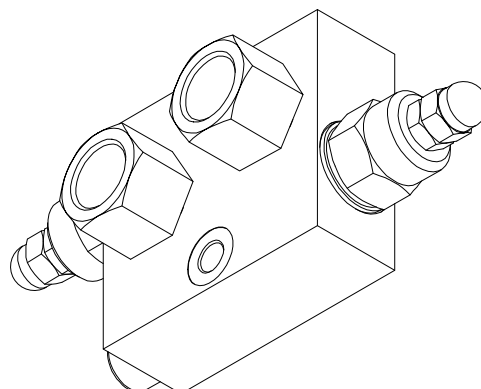
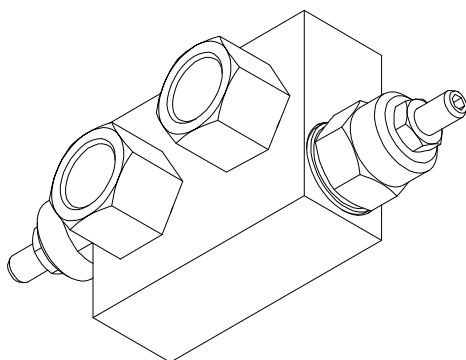
Y

Volantino
handknob

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel

VAF-08-D - VAF-08-D/AF



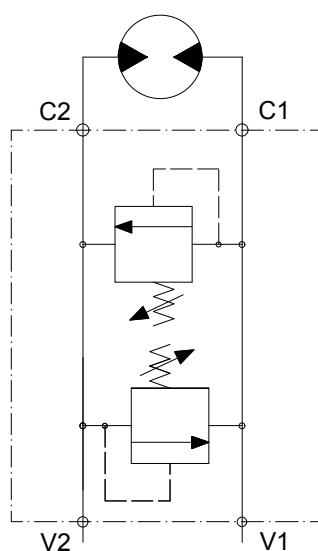
CARATTERISTICHE

Portata nominale	45 L/min
Portata max	60 L/min
Pressione di lavoro max	350 bar
Pressione di taratura max	210 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Collettore in Alluminio	

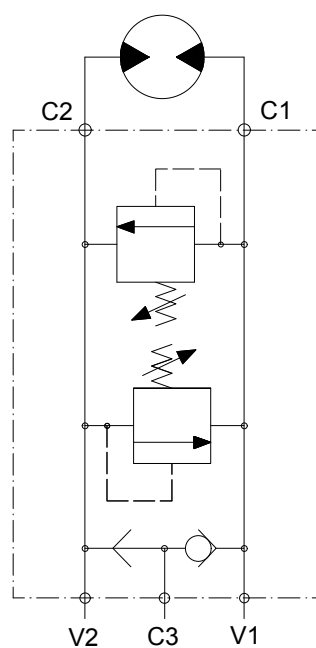
PERFORMANCE

Rated flow
Max flow
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Aluminum body

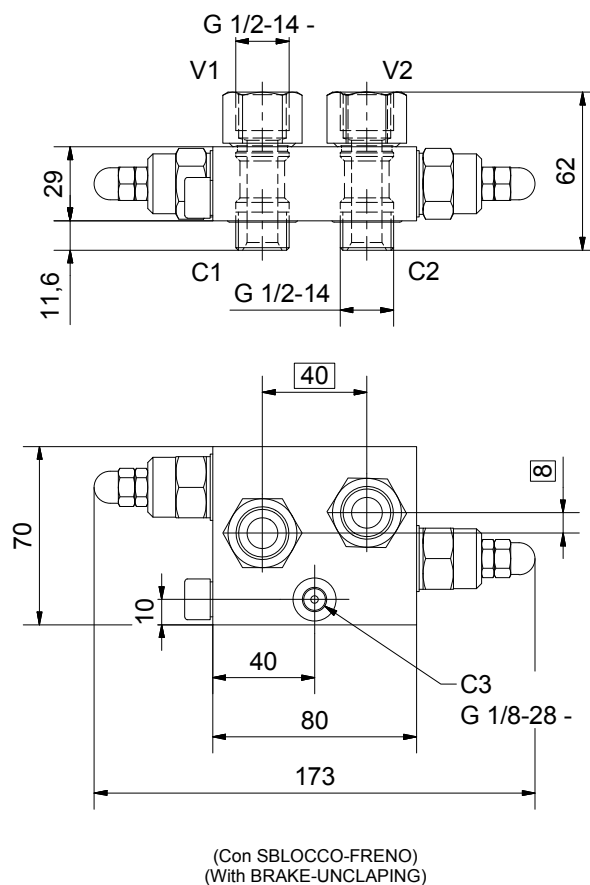
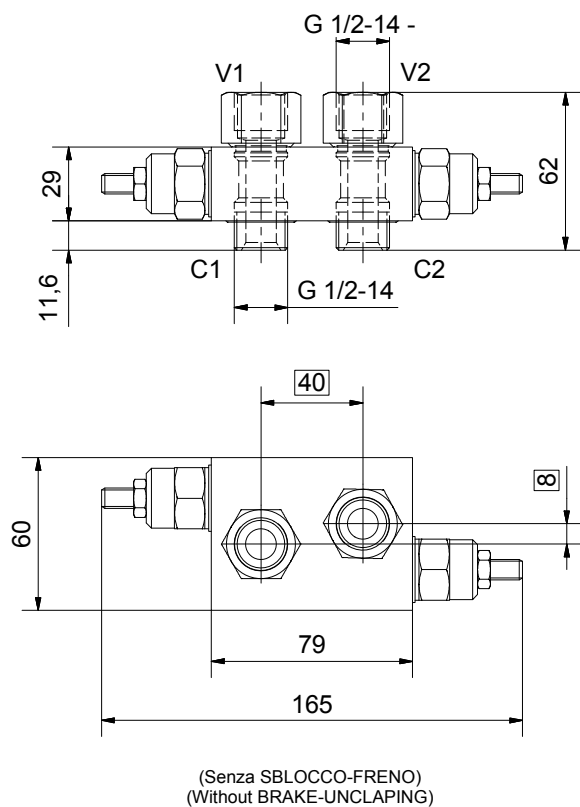
(Senza SBLOCCO-FRENO)
(Without BRAKE-UNCLAPING)



(Con SBLOCCO-FRENO)
(With BRAKE-UNCLAPING)



VALVOLA DI MASSIMA DOPPIA INCROCIATA FLANGIABILE MOTORE 40x8
40x8 MOTOR FLANGEABLE DUAL CROSS RELIEF VALVE



CODICE DI ORDINAZIONE
HOW TO ORDER

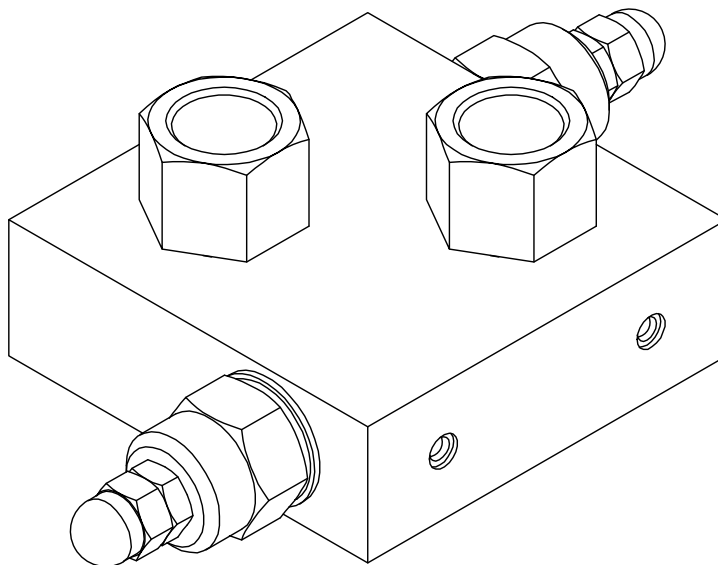
007 . 088 . 0 0 0

(SENZA SBLOCCO-FRENO) - (WITHOUT BRAKE-UNCLAPING)

007 . 100 . 0 0 0

(CON SBLOCCO-FRENO) - (WITH BRAKE-UNCLAPING)

VMP-SC-45-DE-12FCB-OMR

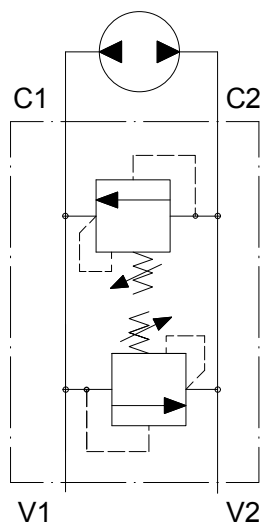


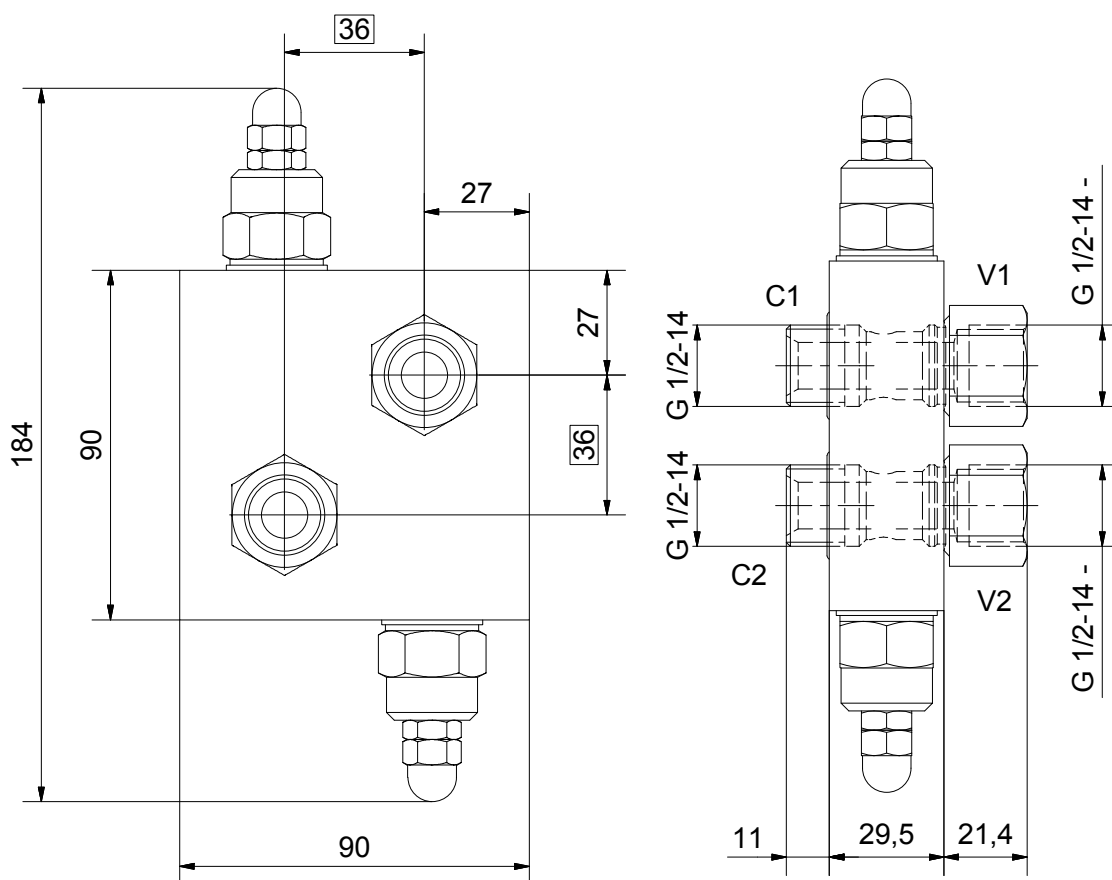
CARATTERISTICHE

Portata nominale	45 L/min
Portata max	60 L/min
Pressione di lavoro max	350 bar
Pressione di taratura max	210 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Collettore in Alluminio	

PERFORMANCE

Rated flow
Max flow
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Aluminum body

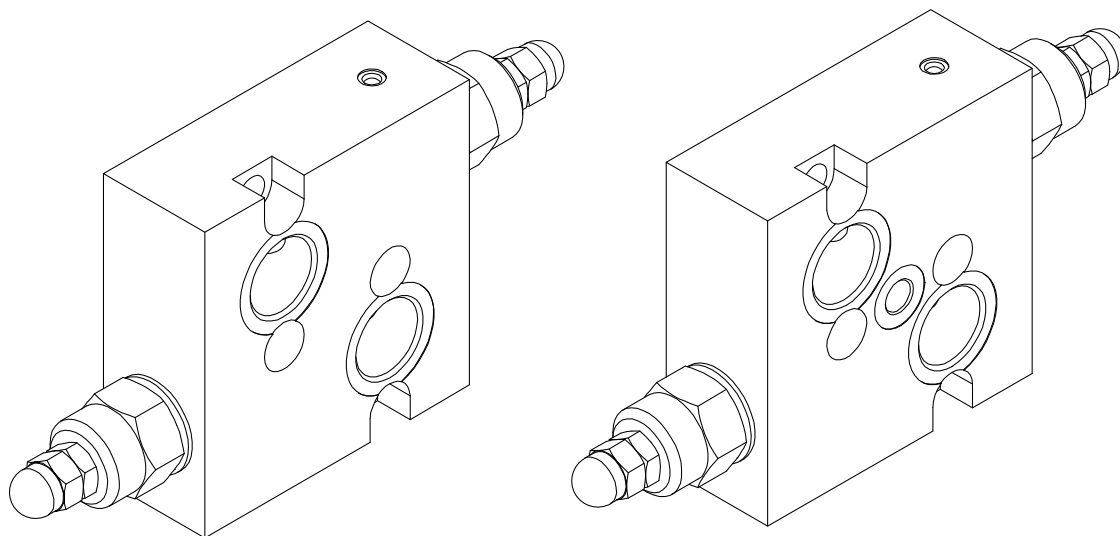




CODICE DI ORDINAZIONE
HOW TO ORDER

013 . 115 . 2 0 1

VMP-SC-45-DE-12-OMR VMP-SC-45-DE-12-OMR-VFF-18



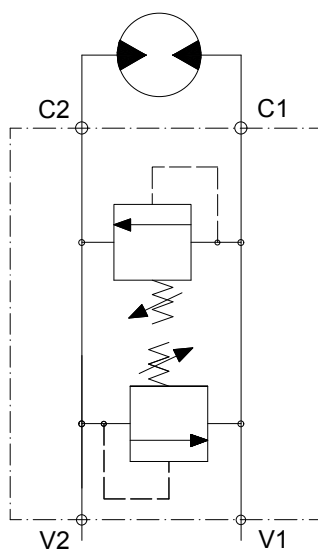
CARATTERISTICHE

Portata nominale	45 L/min
Portata max	60 L/min
Pressione di lavoro max	350 bar
Pressione di taratura max	210 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Collettore in Alluminio	

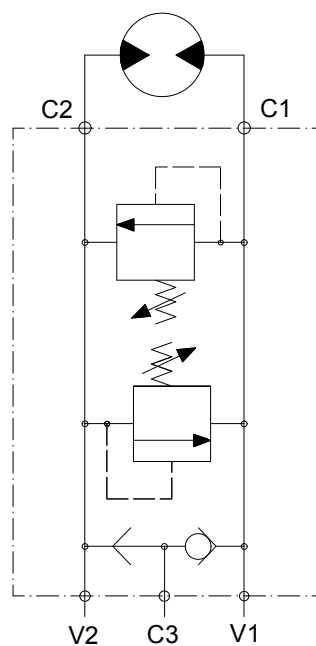
PERFORMANCE

Rated flow
Max flow
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Aluminum body

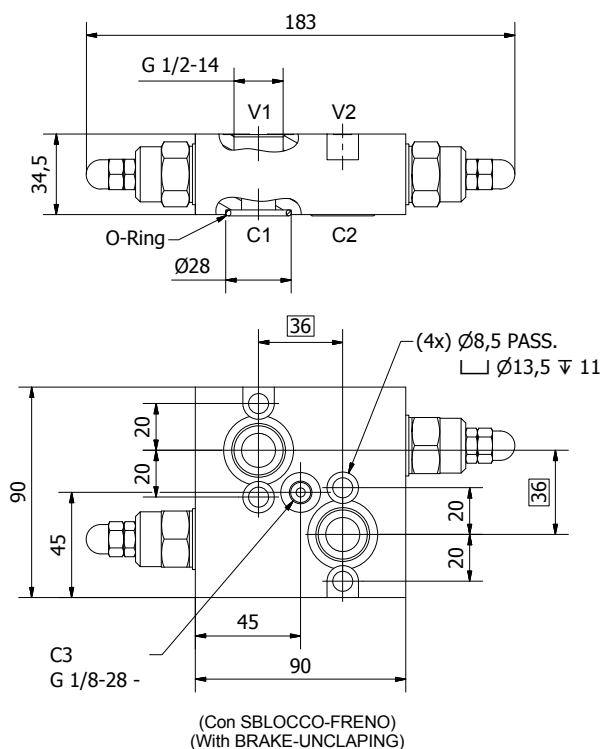
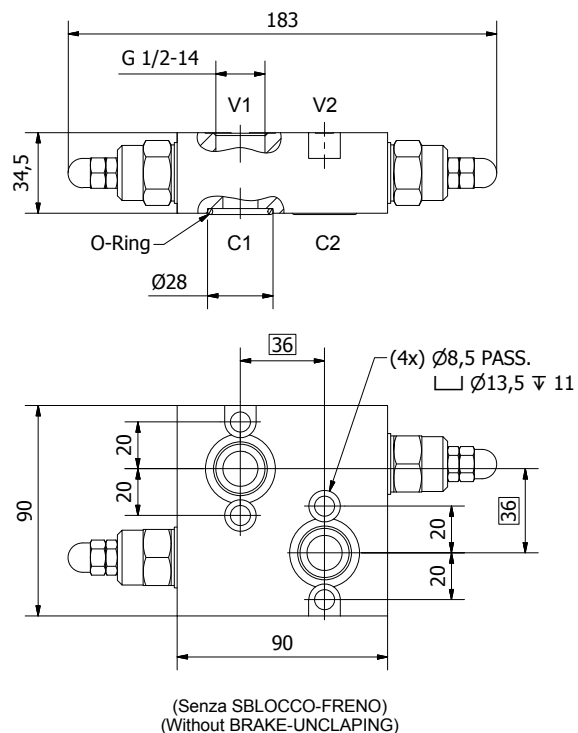
(Senza SBLOCCO-FRENO)
(Without BRAKE-UNCLAPING)



(Con SBLOCCO-FRENO)
(With BRAKE-UNCLAPING)



VALVOLA DI MASSIMA DOPPIA INCROCIATA FLANGIABILE MOTORE 36x36
36x36 MOTOR FLANGEABLE DUAL CROSS RELIEF VALVE



CODICE DI ORDINAZIONE
HOW TO ORDER

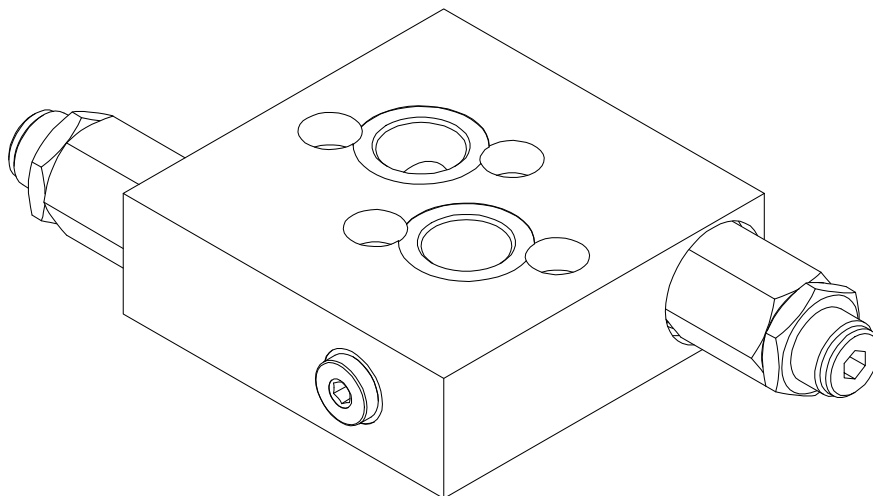
012 . 303 . 2 0 1

(SENZA SBLOCCO-FRENO) - (WITHOUT BRAKE-UNCLAPING)

012 . 303 . 2 0 2

(CON SBLOCCO-FRENO) - (WITH BRAKE-UNCLAPING)

VDID-100-FMV-34-OMT

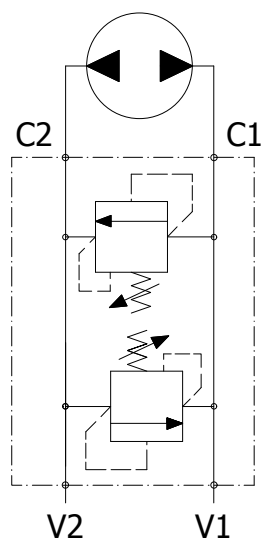


CARATTERISTICHE

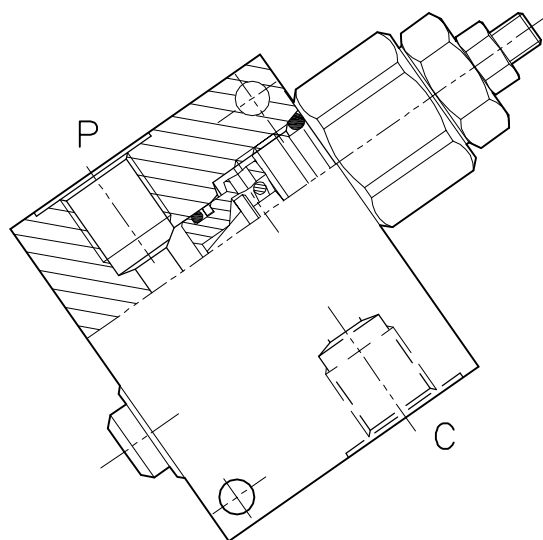
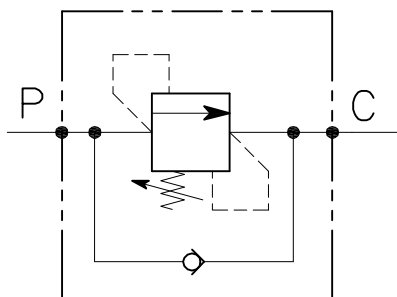
Portata nominale	100 L/min
Portata max	150 L/min
Pressione di lavoro max	250 bar
Pressione di taratura max	210 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Collettore in Alluminio	

PERFORMANCE

Rated flow
Max flow
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Aluminum body



VSQ-20-SN-14-...

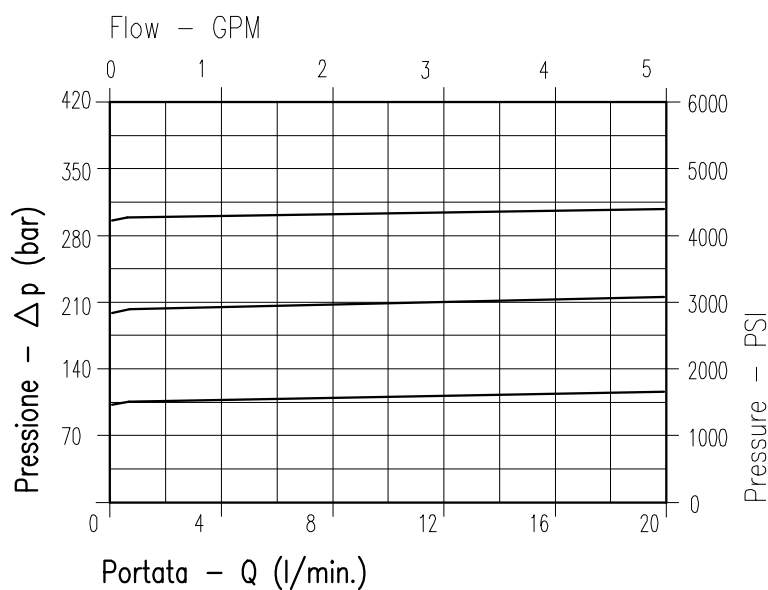


CARATTERISTICHE

Luce nominale	DN 4
Portata min/max	20 l/min - 5.3 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso	0.333 Kg

PERFORMANCE

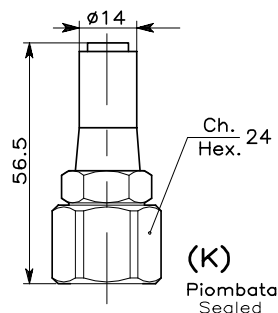
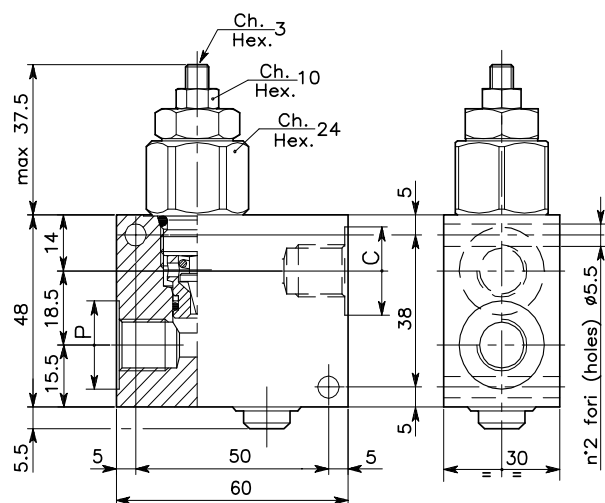
Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight



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

VALVOLA DI SEQUENZA AD AZIONE DIRETTA CON OTTURATORE CONICO E COLLETTORE IN LINEA SEQUENCE, DIRECT ACTING POPPET TYPE VALVE WITH IN LINE BODY

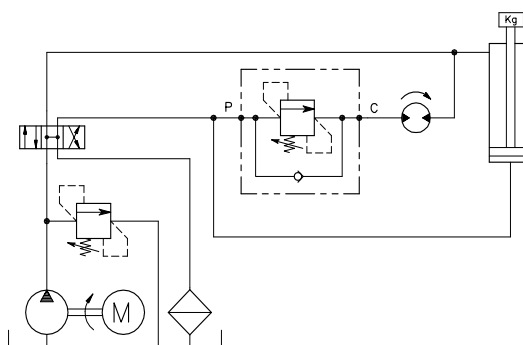
REGOLAZIONE → Grano
ADJUSTMENT → Dowel
(X)



DIMENSIONI DIMENSIONS

Campo taratura Setting range			Attacchi Port size C-P (BSPP)
693	694	695	1/4"

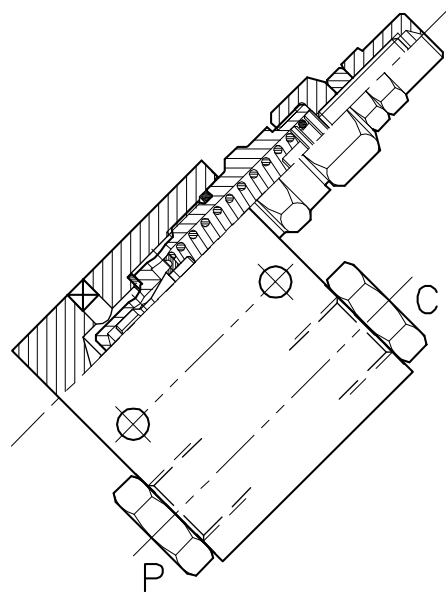
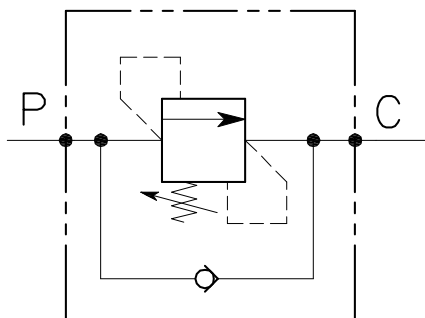
ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

002 693 0 X 0 . A

Campo taratura / Setting range						Materiale collettore Body material	
693		694		695		Acciaio zincato Zinc plated steel	
Campo taratura 5÷100 bar (molla colore blu) Setting range 5÷100 bar (blue spring)		Campo taratura 10÷210 bar (molla colore verde) Setting range 10÷210 bar (green spring)		Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Regolazione Adjustment	
80 bar	(--)	180 bar	(--)	320 bar	(--)		
						X	Grano - Dowel
						K	Piombata - Sealed

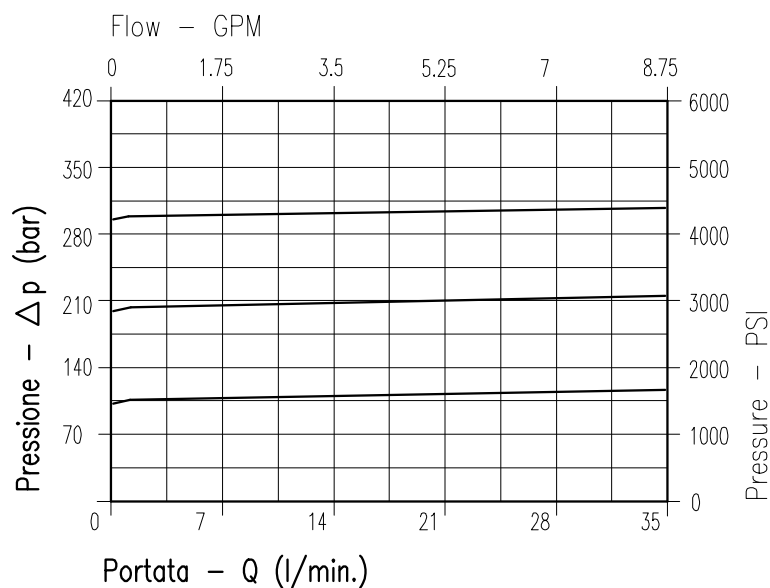


CARATTERISTICHE

Luce nominale min/max	DN 6/8
Portata min/max	35 l/min - 8.75 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso 1/4" GAS	0.855 Kg
Peso 3/8" GAS	0.837 Kg
Peso 1/2" GAS	0.727 Kg

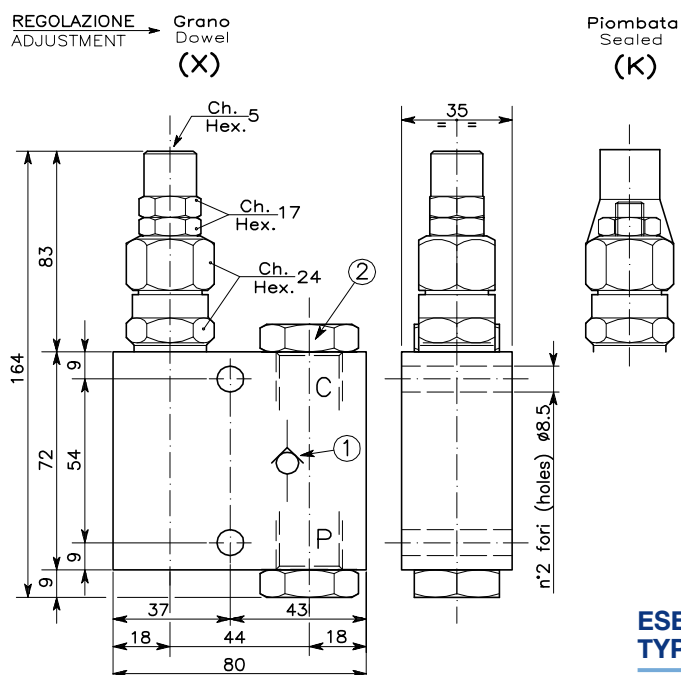
PERFORMANCE

Min/max rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 1/4" GAS
Weight 3/8" GAS
Weight 1/2" GAS



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

VALVOLA DI SEQUENZA AD AZIONE DIRETTA CON OTTURATORE CONICO E COLLETTORE IN LINEA SEQUENCE, DIRECT ACTING POPPET TYPE VALVE WITH IN LINE BODY

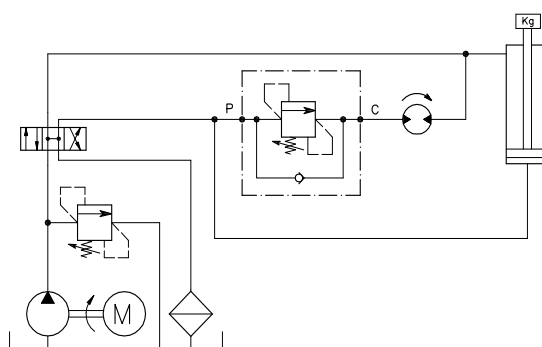


② Presenti solo nelle versioni 1/4" e 3/8"
Only 1/4" 3/8" version

DIMENSIONI DIMENSIONS

Campo taratura Setting range			Attacchi Port size C-P (BSP)	Luce nominale Rated size DN	Portata max. Max flow-rate l/min - GPM
032	263	264	1/4"	6	20-5
031	258	259	3/8"	6	35-9
030	253	254	1/2"	6	35-9

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

002 032 A X 0

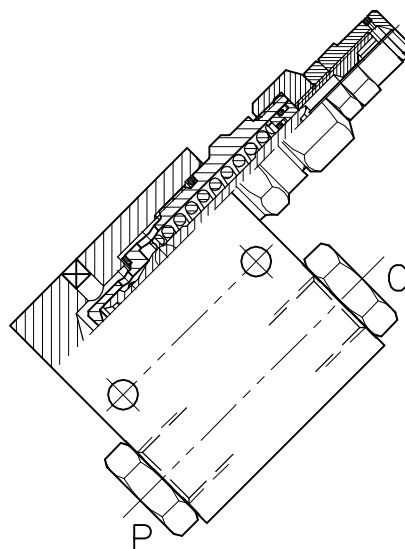
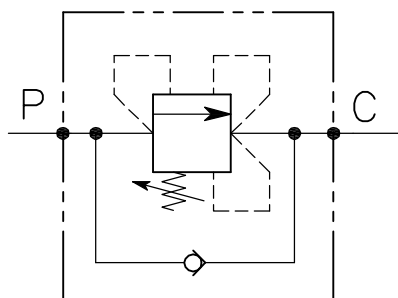
Campo taratura / Setting range					
032	263	264	031	258	259
030	253	254			
Campo taratura 5÷100 bar (molla colore blu)		Campo taratura 10÷210 bar (molla colore verde)		Campo taratura 20÷350 bar (molla colore giallo)	
Setting range 5÷100 bar (blue spring)		Setting range 10÷210 bar (green spring)		Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
80 bar	(--)	180 bar	(--)	320 bar	(--)

Pressione di apertura
Cracking pressure
VALV N°1

A 1 bar
B 7 bar

Regolazione
Adjustment

X Grano - Dowel
K Piombata - Sealed

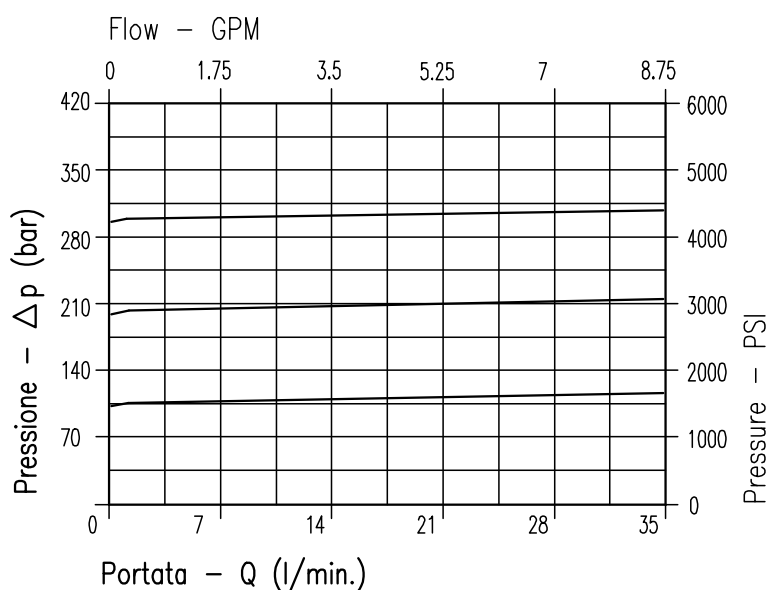


CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	35 l/min - 8.75 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso 1/4" GAS	0.855 Kg
Peso 3/8" GAS	0.837 Kg
Peso 1/2" GAS	0.727 Kg

PERFORMANCE

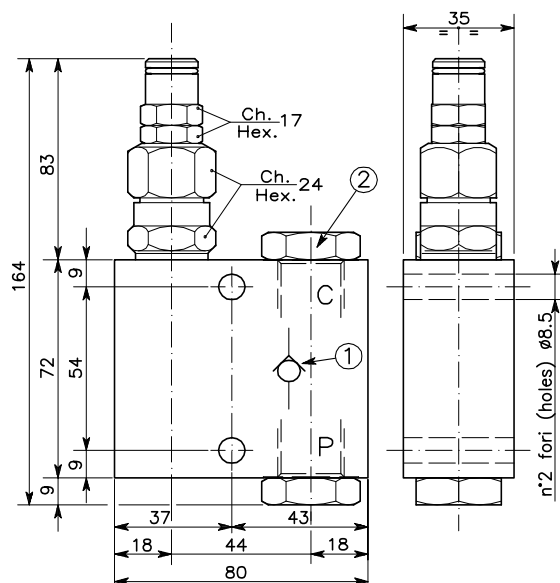
Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 1/4" GAS
Weight 3/8" GAS
Weight 1/2" GAS



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

VALVOLA DI SEQUENZA AD AZIONE DIRETTA INSENSIBILE ALLA CONTROPRESSIONE E COLLETTORE IN LINEA SEQUENCE, DIRECT ACTING COMPENSATED VALVE WITH IN LINE BODY

REGOLAZIONE
ADJUSTMENT → Grano
Dowel
(X)

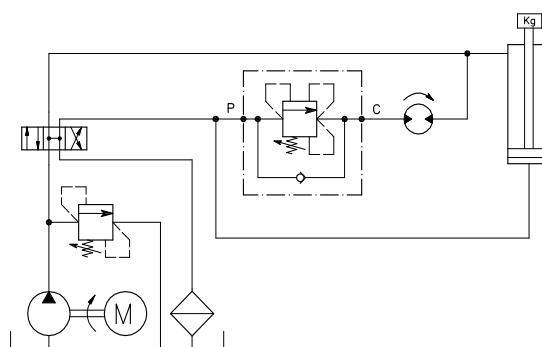


② Presenti solo nelle versioni 1/4" e 3/8"
Only 1/4" 3/8" version

DIMENSIONI DIMENSIONS

Campo taratura Setting range			Attacchi Port size C-P (BSP)	Luce nominale Rated size DN	Portata max. Max flow-rate l/min - GPM
809	810	811	1/4"	6	20-5
812	813	814	3/8"	6	35-9
815	816	817	1/2"	6	35-9

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



CODICE DI ORDINAZIONE HOW TO ORDER

002 809 A X 0

Pressione di apertura
Cracking pressure
VALV N°1

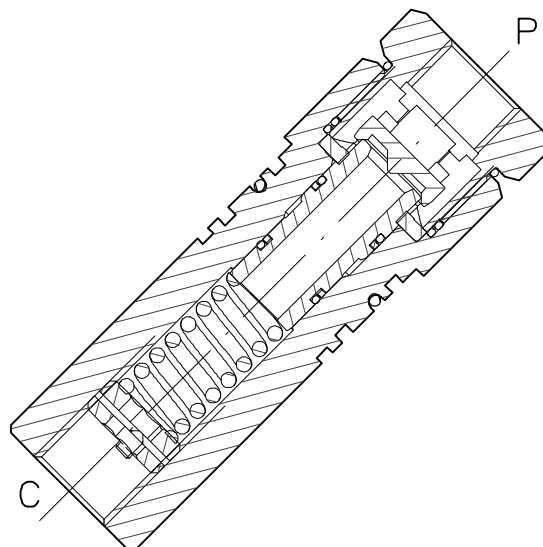
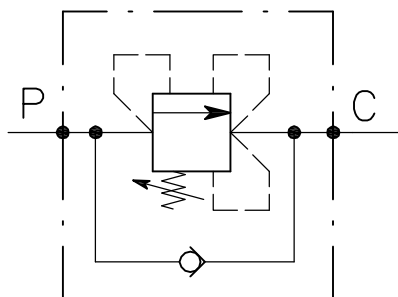
A 1 bar
B 7 bar

Campo taratura / Setting range					
809		810		811	
812		813		814	
815		816		817	
Campo taratura 5÷100 bar (molla colore blu)		Campo taratura 10÷210 bar (molla colore verde)		Campo taratura 20÷350 bar (molla colore giallo)	
Setting range 5÷100 bar (blue spring)		Setting range 10÷210 bar (green spring)		Setting range 20÷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	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	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
80 bar	(--)	180 bar	(--)	320 bar	(--)

Regolazione
Adjustment

X | Grano - Dowel

VSQ-CC-100-12-L

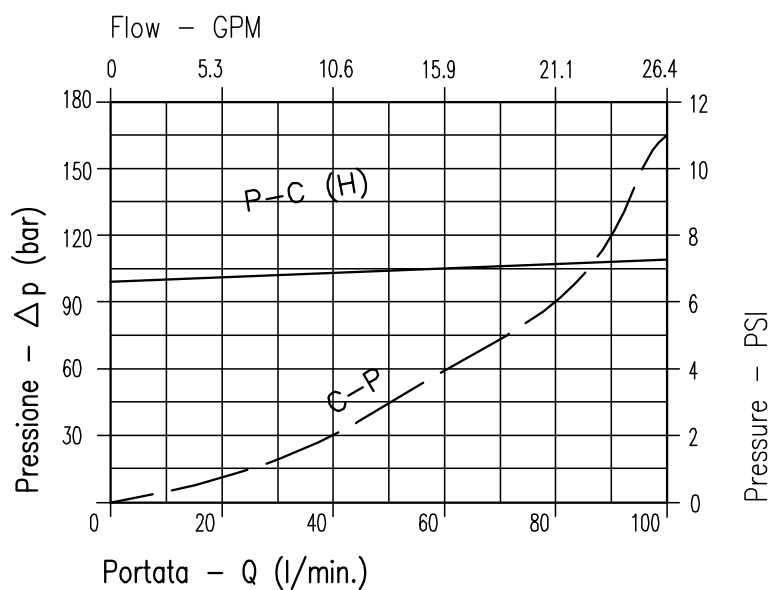


CARATTERISTICHE

Luce nominale	DN 10
Portata min/max	100 l/min - 26.42 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	140 bar - 2030 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso	0.8 Kg

PERFORMANCE

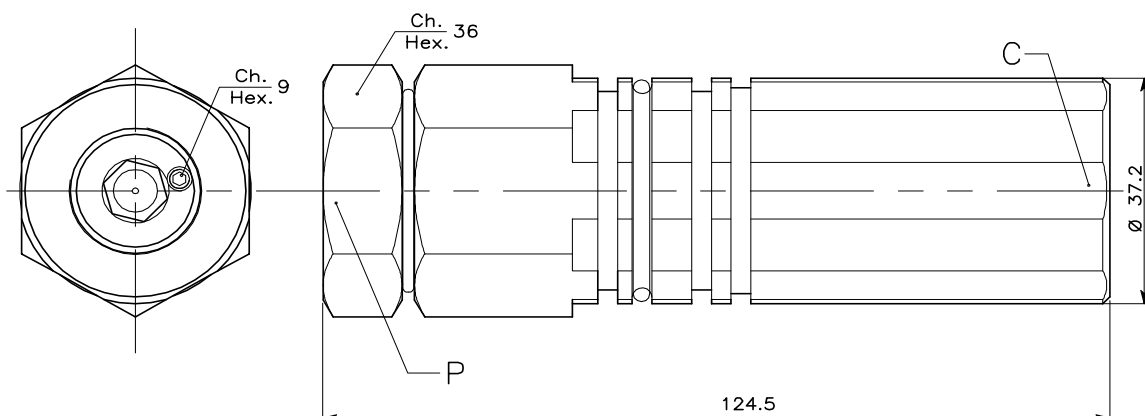
Rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight



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

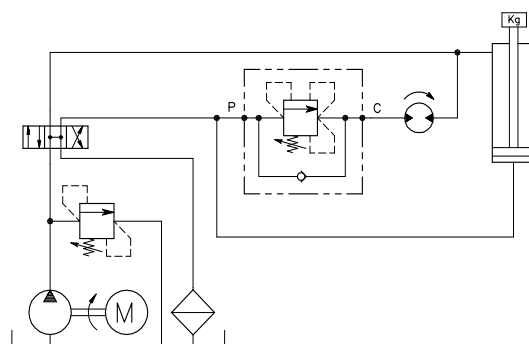
VALVOLA DI SEQUENZA COMPENSATA AD AZIONE DIRETTA CON INSTALLAZIONE IN LINEA IN LINE, DIRECT ACTING, SELF COMPENSATED SEQUENCE VALVE

REGOLAZIONE
ADJUSTMENT →



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

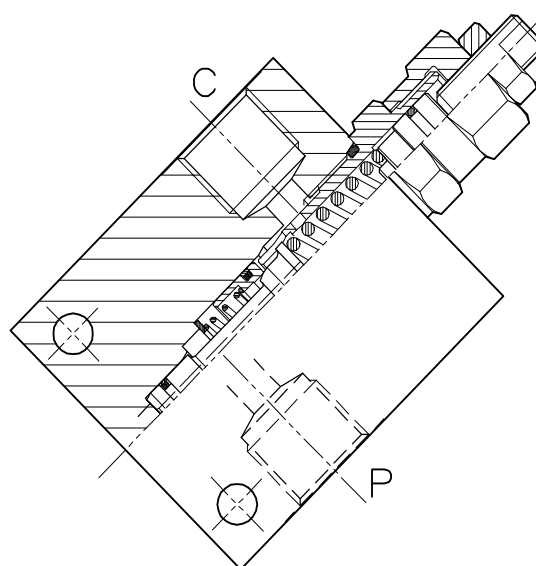
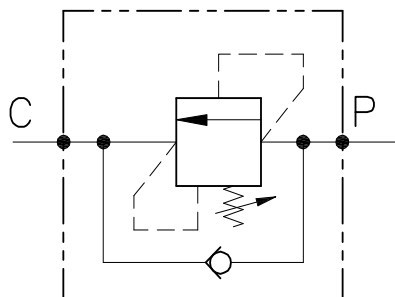
Attacchi
Port size
P-C
GAS (BSPP)
1/2"



CODICE DI ORDINAZIONE HOW TO ORDER

002 794 0 X 0

Molle Springs	Protezione Sfiato Air Bleed protection
0 Campo taratura 20÷140 bar (colore giallo) Setting range 20÷140 bar (yellow)	X Solo O-Ring O-Ring only Y O-Ring + tubo in inox O-Ring + stainless steel sleeve

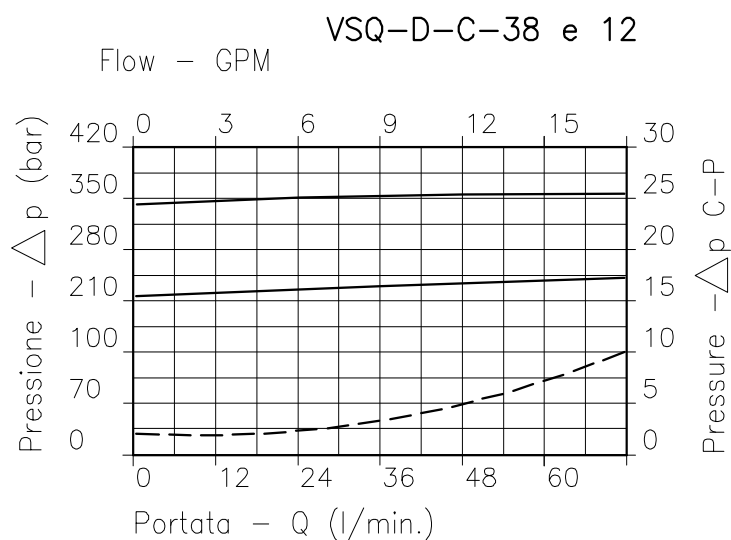


CARATTERISTICHE

Luce nominale min/max	DN 8/10
Portata min/max	1/60 l/min - 0.26/15.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso 3/8" GAS	0.521 Kg
Peso 1/2" GAS	0.642 Kg

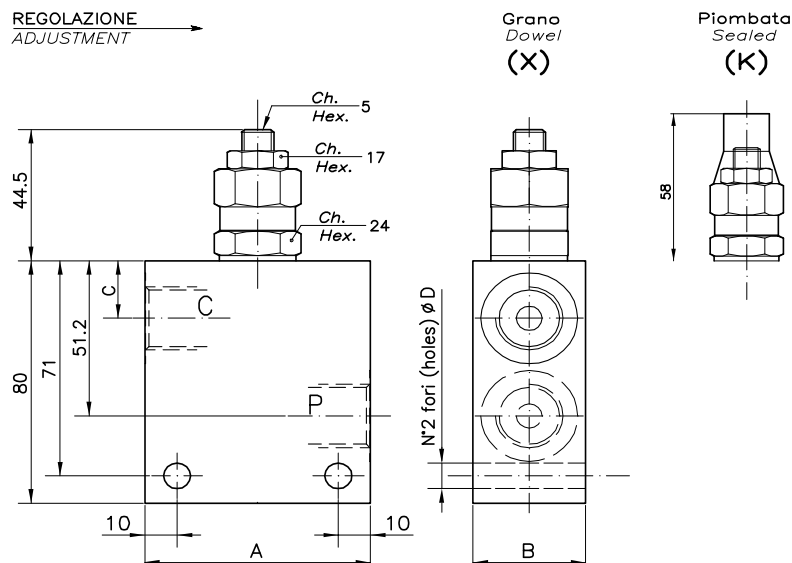
PERFORMANCE

Min/max rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 3/8" GAS
Weight 1/2" GAS

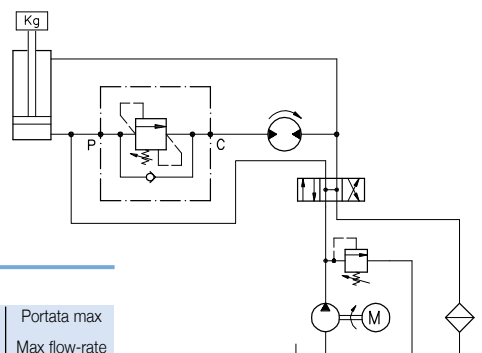


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI SEQUENZA AD AZIONE DIFFERENZIALE E CON COLLETTORE IN LINEA SEQUENCE VALVE, DIFFERENTIAL AREA PISTON TYPE VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

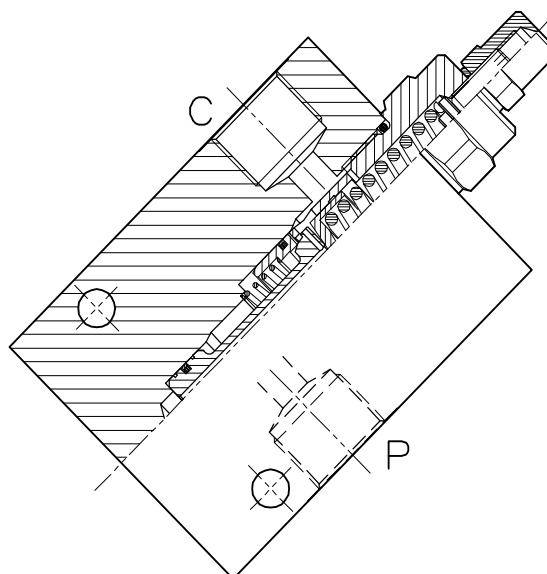
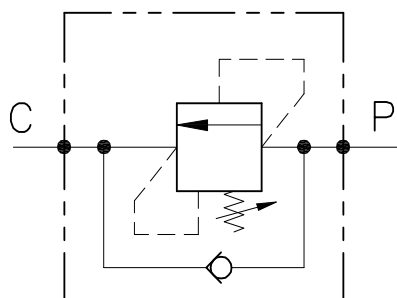
Campo taratura Setting range	A	B	C	D	Attacchi Port size P-C GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
070 297	60	30	21	6.5	3/8"	8	40-10
071 298	70	35	19	8.5	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

002 070 0 X 0

Campo taratura / Setting range			
070		297	
071		298	
Campo taratura 30÷220 bar (molla colore verde) Setting range 30÷220 bar (green spring)		Campo taratura 60÷350 bar (molla colore giallo) Setting range 60÷350 bar (yellow spring)	
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw
180 bar	(138)	250 bar	(142)

Regolazione Adjustment	
X	Grano - Dowel
K	Piombata - Sealed

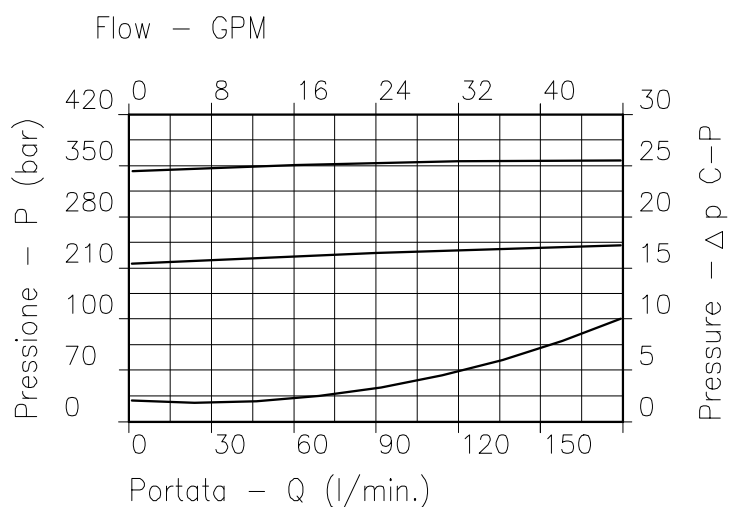


CARATTERISTICHE

Luce nominale min/max	DN 12/14
Portata min/max	1/180 l/min - 0.26/48 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30 micron
Peso 3/4" GAS	1.349 Kg
Peso 1" GAS	1.585 Kg

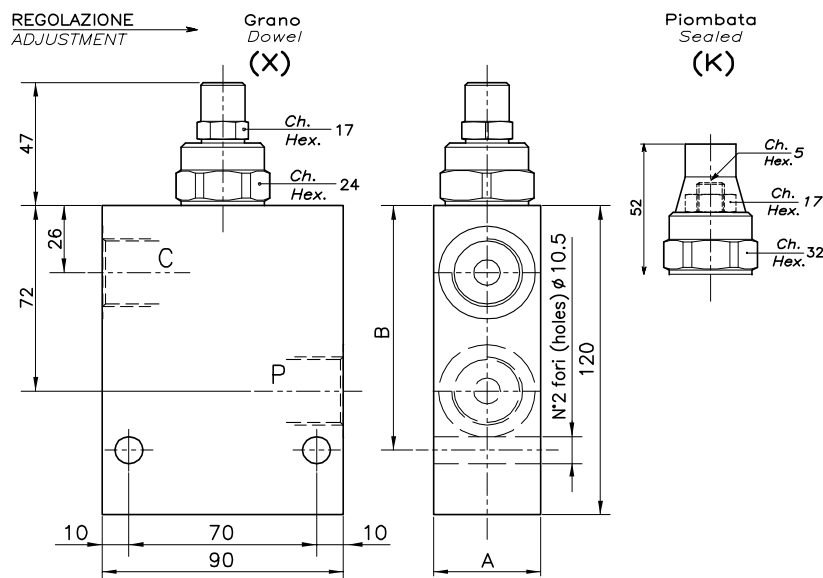
PERFORMANCE

Min/max rated size
Min/max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight 3/4" GAS
Weight 1" GAS

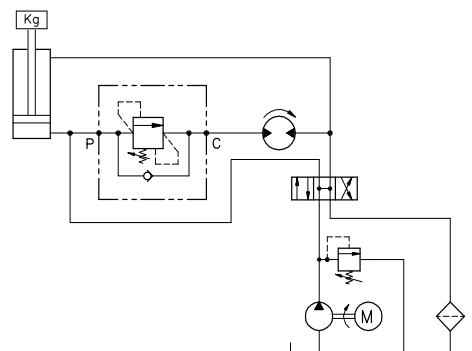


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI SEQUENZA AD AZIONE DIFFERENZIALE E CON COLLETTORE IN LINEA SEQUENCE VALVE, DIFFERENTIAL AREA PISTON TYPE VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE

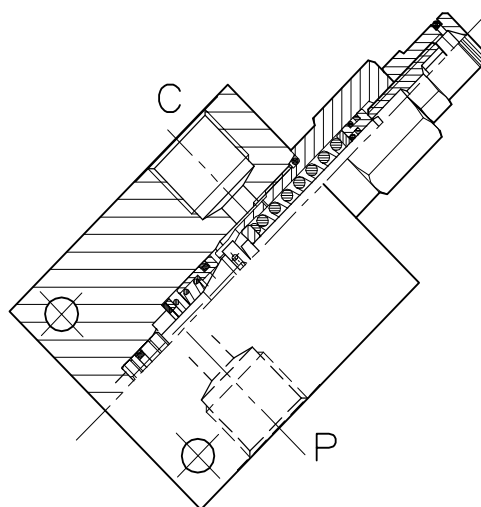
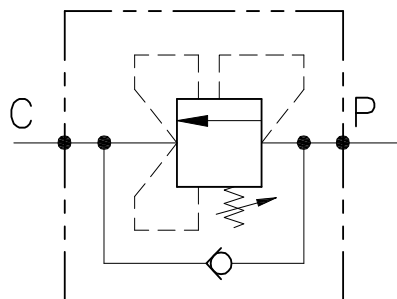


DIMENSIONI DIMENSIONS

Campo taratura Setting range	A	B	Attacchi Port size P-C GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
691	40	95	3/4"	12	150-40
692	50	107	1"	14	180-48

CODICE DI ORDINAZIONE HOW TO ORDER

002	691	0	X	0
Campo taratura / Setting range				
691				
692				
Campo taratura 60÷350 bar (molla colore giallo)				
Setting range 60÷350 bar (yellow spring)				
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Regolazione Adjustment		
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	X	Grano - Dowel	
250 bar	(--)	K	Piombata - Sealed	



CARATTERISTICHE

Luce nominale min/max

DN 8/10

Portata min/max

1/60 l/min - 0.26/15,9 GPM

Pressione di lavoro max.

350 bar - 5075 PSI

Pressione max. di taratura

350 bar - 5075 PSI

Temperatura ambiente

-30°C + 50°C

Temperatura olio

-30°C + 80°C

Filtraggio consigliato

30 micron

PERFORMANCE

Min/max rated size

Min/max flow-rate

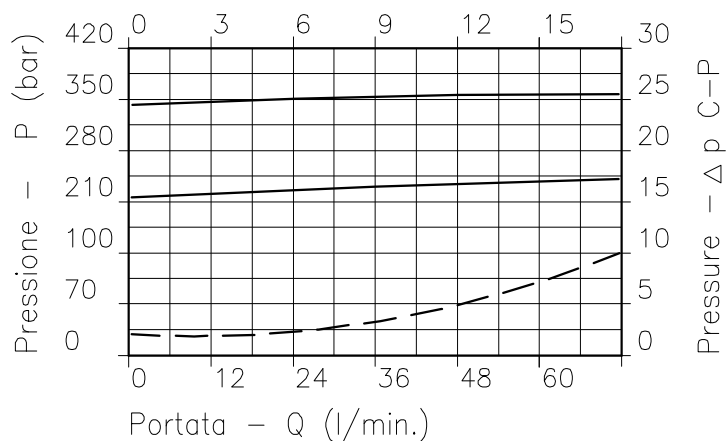
Max working pressure

Max setting pressure

Room temperature

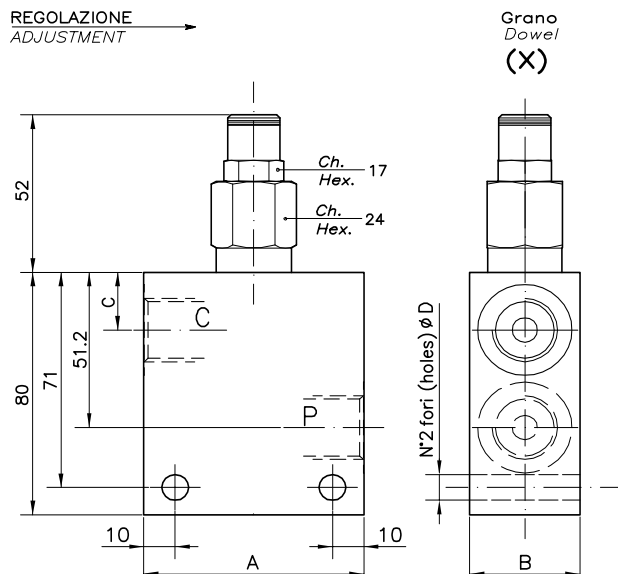
Oil temperature

Recommended filtration

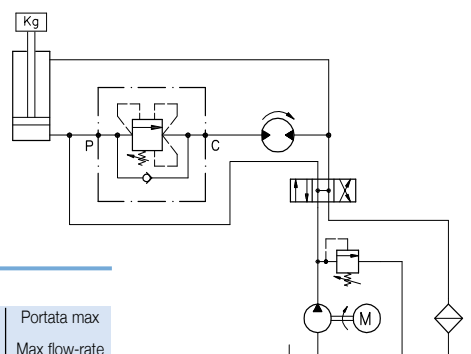


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI SEQUENZA PER CENTRO CHIUSO AD AZIONE DIFFERENZIALE SEQUENCE COMPENSATED DIFFERENTIAL AREA PISTON TYPE VALVE



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



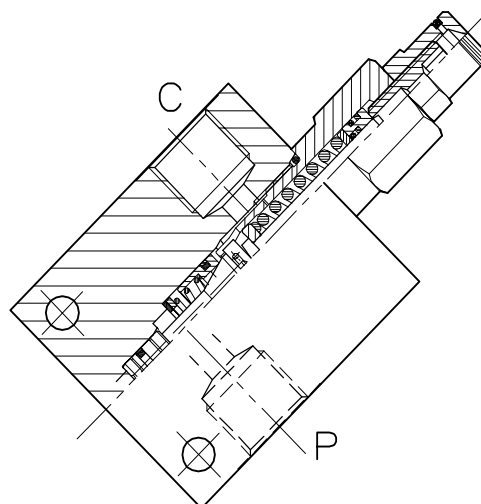
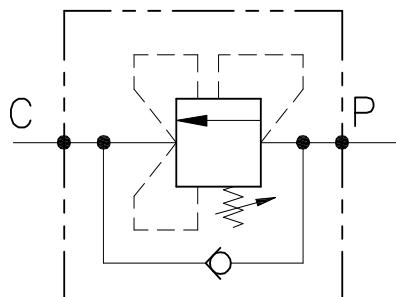
DIMENSIONI DIMENSIONS

Campo taratura Setting range		A	B	C	D	Attacchi Port size P-C GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
688	687	60	30	21	6.5	3/8"	8	40-10
690	689	70	35	19	8.5	1/2"	10	60-15

CODICE DI ORDINAZIONE HOW TO ORDER

002 687 0 X 0

Campo taratura / Setting range				Regolazione Adjustment X Grano - Dowel
688	687			
690	689			
Campo taratura 30÷220 bar (molla colore giallo) Setting range 30÷220 bar (yellow spring)		Campo taratura 60÷350 bar (molla colore rosso) Setting range 60÷350 bar (red spring)		
Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	Taratura standard (Q=5 l/1')	Incr. press. - bar giro/vite	
Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	Std. bar setting (Q=5 l/1')	Pressure rise - turn of screw	
180 bar	(138)	250 bar	(142)	



CARATTERISTICHE

Luce nominale min/max

DN 8/10

Portata min/max

1/60 l/min - 0.26/15,9 GPM

Pressione di lavoro max.

350 bar - 5075 PSI

Pressione max. di taratura

350 bar - 5075 PSI

Temperatura ambiente

-30°C + 50°C

Temperatura olio

-30°C + 80°C

Filtraggio consigliato

30 micron

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

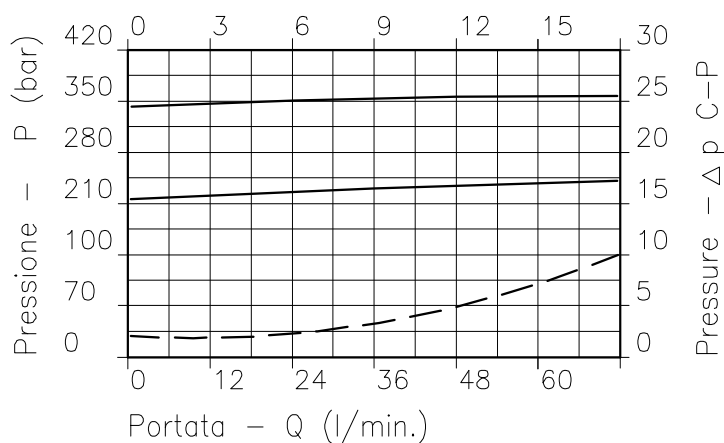
Max setting pressure

Room temperature

Oil temperature

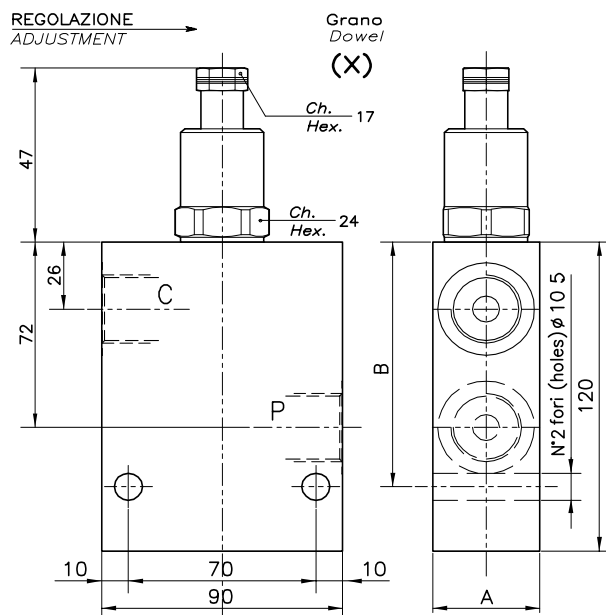
Recommended filtration

FLOW - GPM VSQ-D-C-34-CC e 100-CC

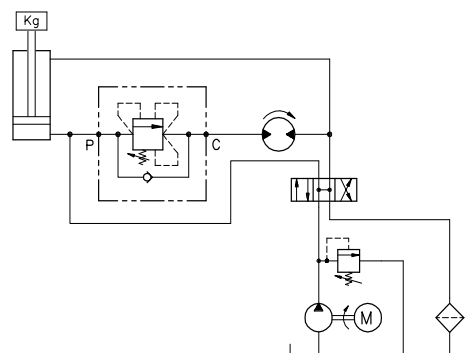


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI SEQUENZA PER CENTRO CHIUSO AD AZIONE DIFFERENZIALE SEQUENCE COMPENSATED DIFFERENTIAL AREA PISTON TYPE VALVE



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

Campo taratura Setting range	A	B	Attacchi Port size P-C GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
696	40	95	3/4"	12	150-40
697	50	107	1"	14	180-48

CODICE DI ORDINAZIONE HOW TO ORDER

002 696 0 X 0

Campo taratura / Setting range

696

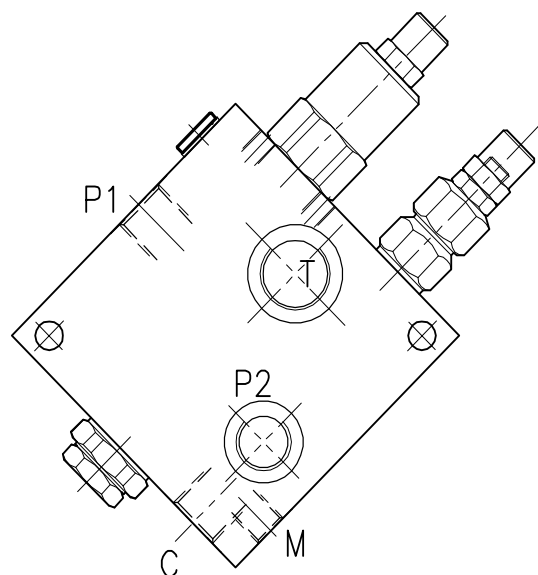
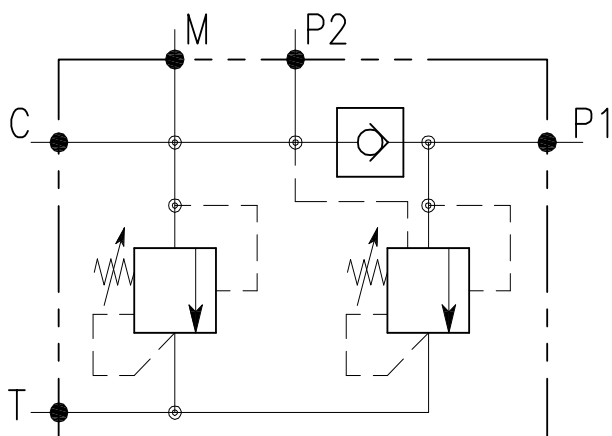
697

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
(--)

Regolazione
Adjustment
X | Grano - Dowel



CARATTERISTICHE

Luce nominale

Portata max

Pressione di lavoro max.

Pressione max. di taratura

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

DN 10

90 l/min - 22 GPM

350 bar - 5075 PSI

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

30÷50 micron

2.796 Kg

PERFORMANCE

Rated size

Max flow-rate

Max working pressure

Max setting pressure

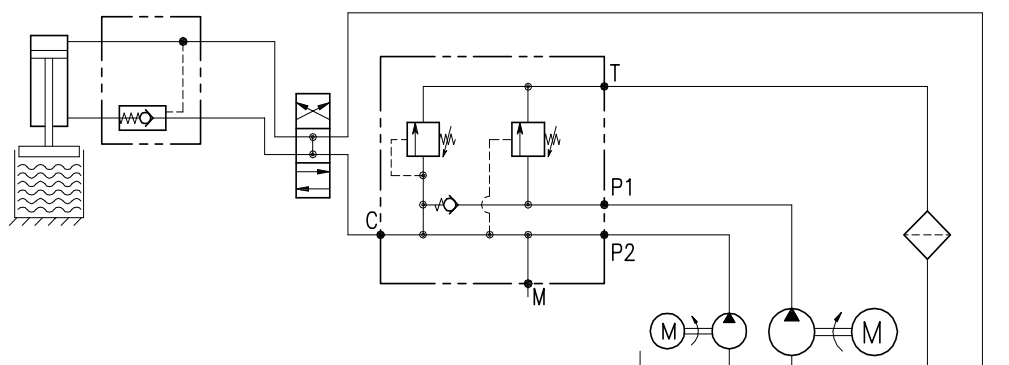
Room temperature

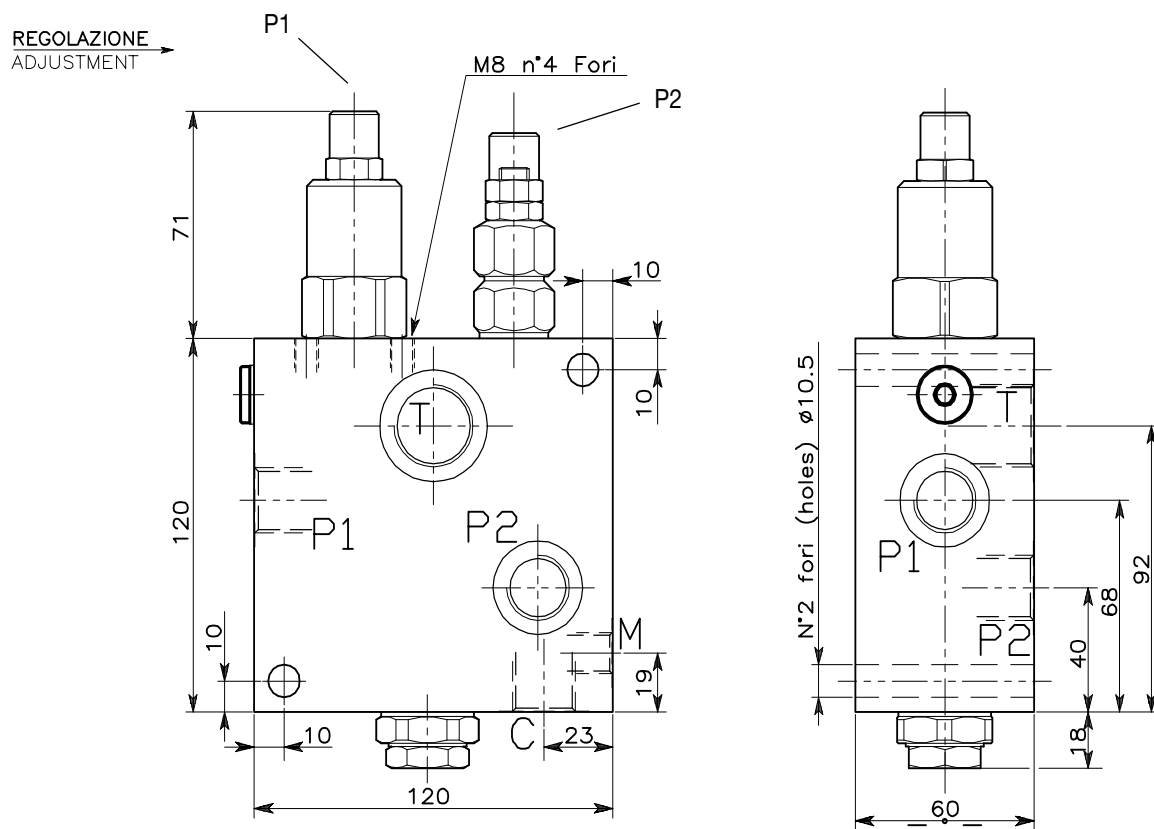
Oil temperature

Recommended filtration

Weight

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE





DIMENSIONI DIMENSIONS

Campo taratura Setting range	Attacchi Port size T GAS (BSPP)	Attacchi Port size P1-P2 C GAS (BSPP)	Attacchi Port size M GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
046	3/4"	1/2"	1/4"	10	90-22

CODICE DI ORDINAZIONE HOW TO ORDER

002 046 0 X 0

Campo taratura / Setting range

(P2)

046

(P1)

Campo taratura 20÷350 bar (molla colore giallo)
Setting range 20÷350 bar (yellow spring)

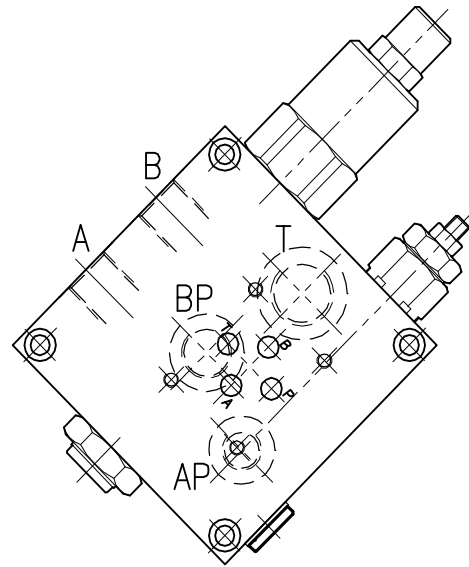
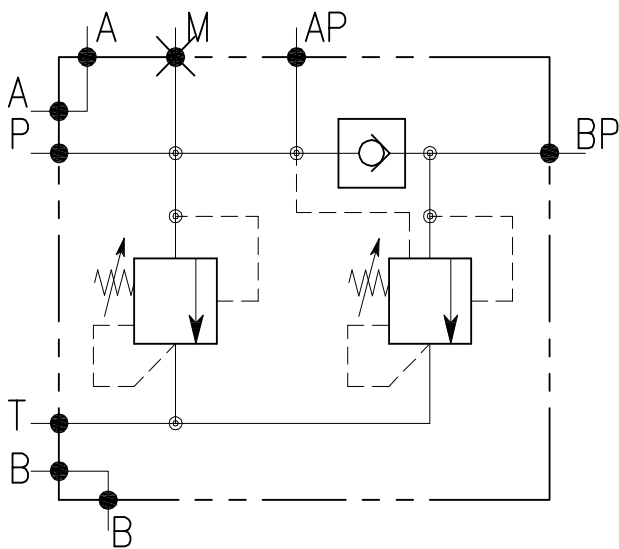
Taratura standard (Q=5 l/1')
Std. bar setting (Q=5 l/1')
280 bar

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

Campo taratura 10÷90 bar (molla colore giallo)
Setting range 10÷90 bar (yellow spring)

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

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



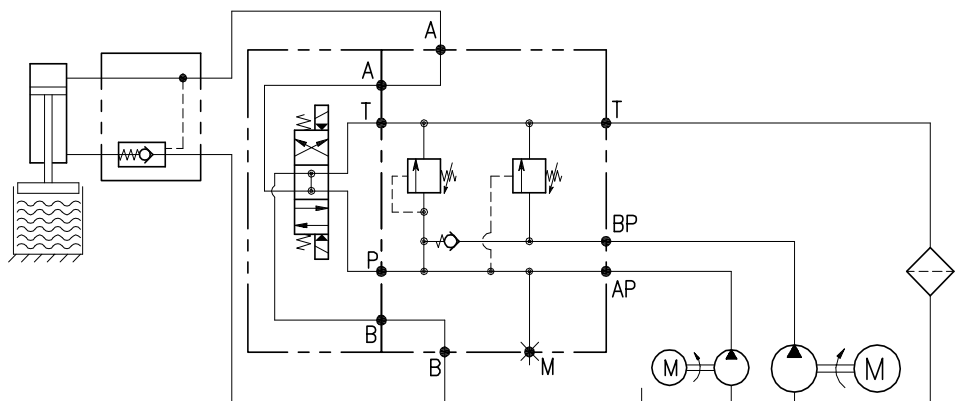
CARATTERISTICHE

Luce nominale	DN 10
Portata max	60 l/min - 15 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso	

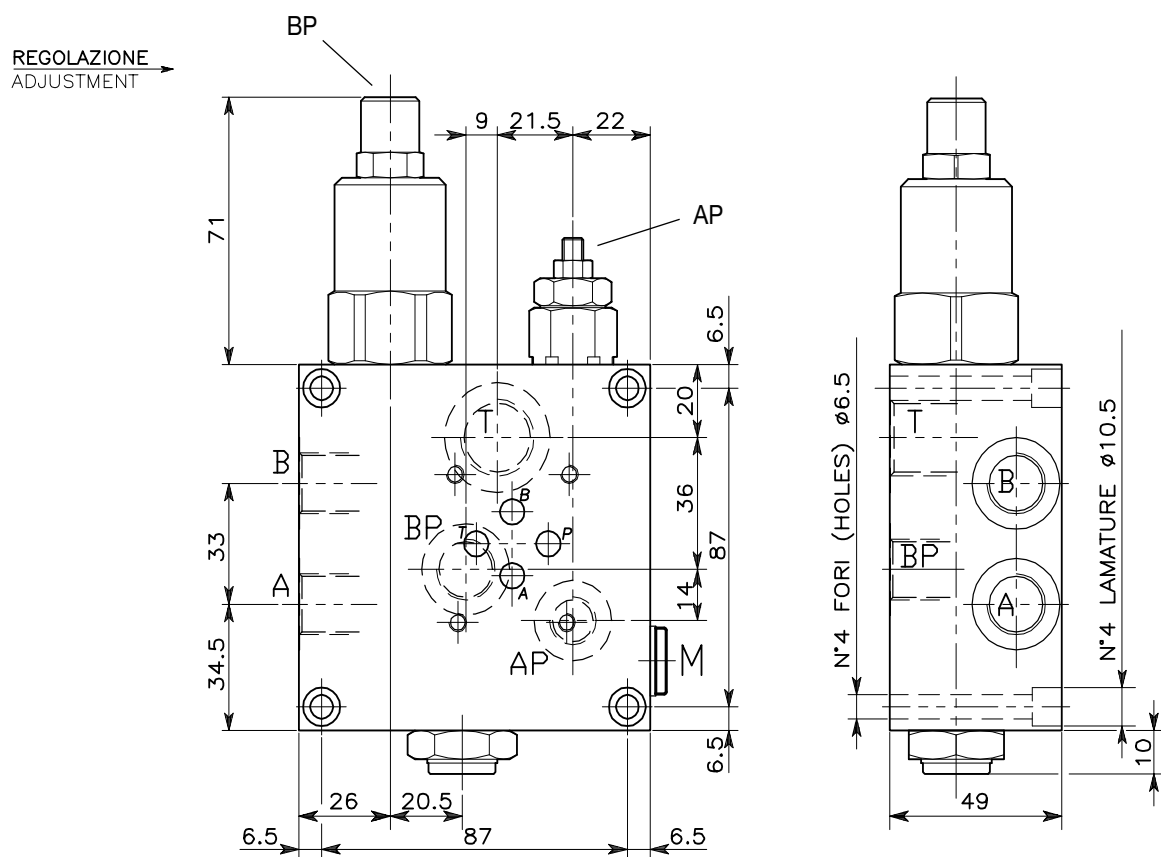
PERFORMANCE

Rated size
Max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



**VALVOLA DI MESSA A SCARICO PER POMPA DOPPIA CON CONTROLLO DELLA PRESSIONE,
MONTAGGIO CETOP**
PUMP UNLOADING VALVE WITH ADDITIONAL RELIEF, CETOP MOUNTING



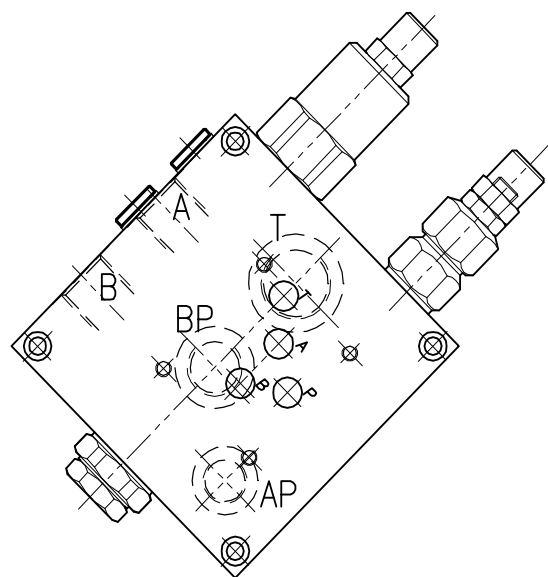
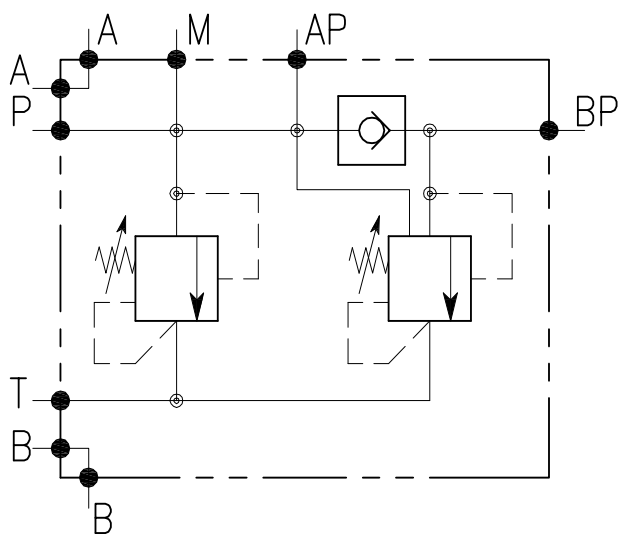
**DIMENSIONI
DIMENSIONS**

Campo taratura Setting range			Attacchi Port size T GAS (BSPP)	Attacchi Port size A-B-BP GAS (BSPP)	Attacchi Port size AP-M GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
677	676	675	1/2"	3/8"	1/4"	10	60-15

**CODICE DI ORDINAZIONE
HOW TO ORDER**

002 677 0 X 0

Campo taratura / Setting range			
(AP) 677	(AP) 676	(AP) 675	(BP) 675
Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷350 bar (yellow spring)	Campo taratura 10÷210 bar (molla colore giallo) Setting range 10÷210 bar (yellow spring)	Campo taratura 5÷100 bar (molla colore giallo) Setting range 5÷100 bar (yellow spring)	Campo taratura 10÷90 bar (molla colore giallo) Setting range 10÷90 bar (yellow spring)
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 280 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 140 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 70 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 40 bar



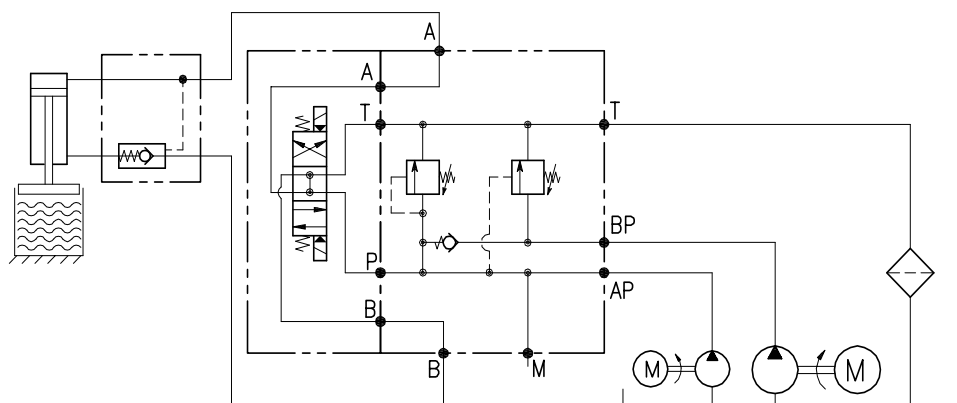
CARATTERISTICHE

Luce nominale	DN 10
Portata max	90 l/min – 22 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso	

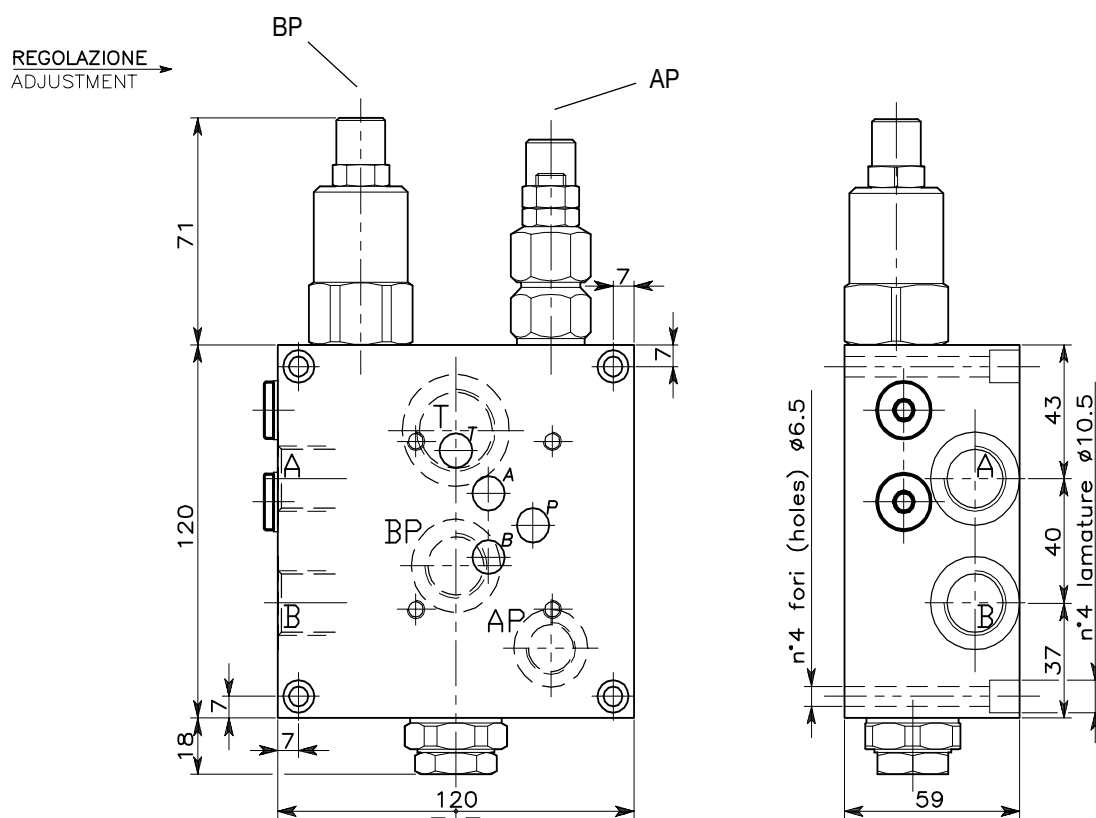
PERFORMANCE

Rated size
Max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



**VALVOLA DI MESSA A SCARICO PER POMPA DOPPIA CON CONTROLLO DELLA PRESSIONE,
MONTAGGIO CETOP**
PUMP UNLOADING VALVE WITH ADDITIONAL RELIEF, CETOP MOUNTING



**DIMENSIONI
DIMENSIONS**

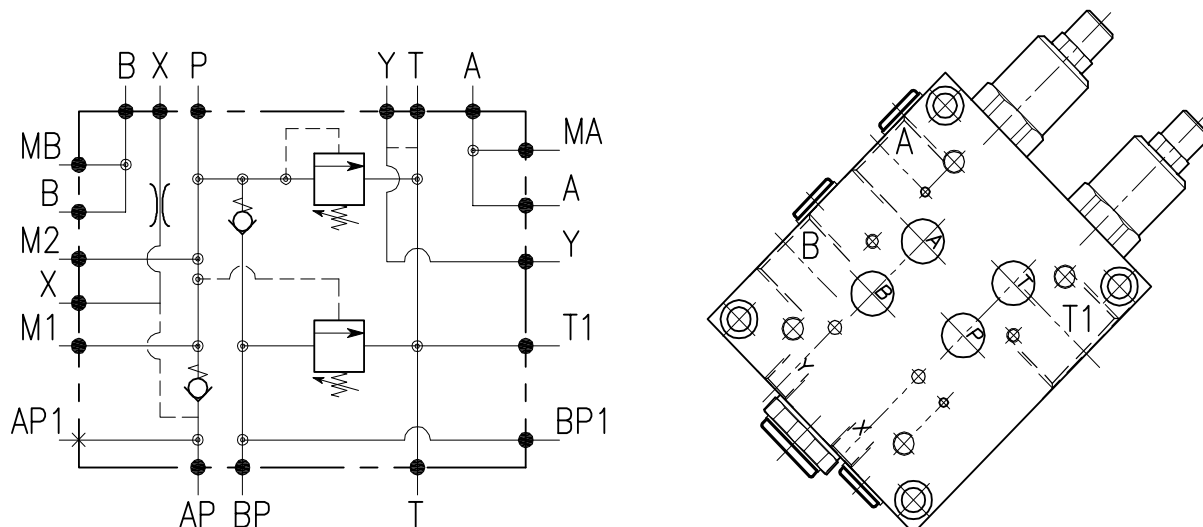
Campo taratura Setting range			Attacchi Port size T GAS (BSPP)	Attacchi Port size P1-P2 C GAS (BSPP)	Attacchi Port size AP GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM	Attacchi Port size M GAS (BSPP)
680	679	678	3/4"	1/2"	3/8"	12	90-22	1/4"

**CODICE DI ORDINAZIONE
HOW TO ORDER**

002 680 0 X 0

Campo taratura / Setting range			
(AP) 680	(AP) 679	(AP) 678	(BP) 678
Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷350 bar (yellow spring)	Campo taratura 10÷210 bar (molla colore giallo) Setting range 10÷210 bar (yellow spring)	Campo taratura 5÷100 bar (molla colore giallo) Setting range 5÷100 bar (yellow spring)	Campo taratura 10÷90 bar (molla colore giallo) Setting range 10÷90 bar (yellow spring)
Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 320 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 180 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 80 bar	Taratura standard (Q=5 l/1') Std. bar setting (Q=5 l/1') 40 bar

VDP-L16-FC7-34-L-F-...



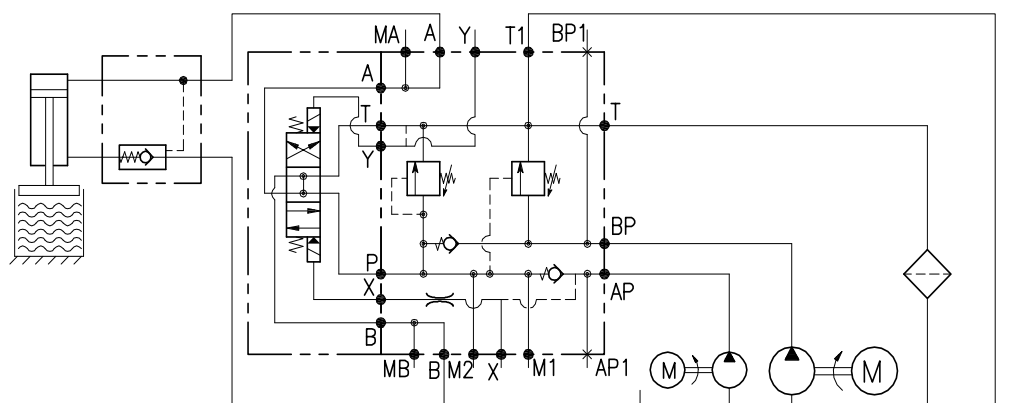
CARATTERISTICHE

Luce nominale	DN 16
Portata max	200 l/min - 50 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Pressione max. di taratura	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30÷50 micron
Peso	7.505 Kg

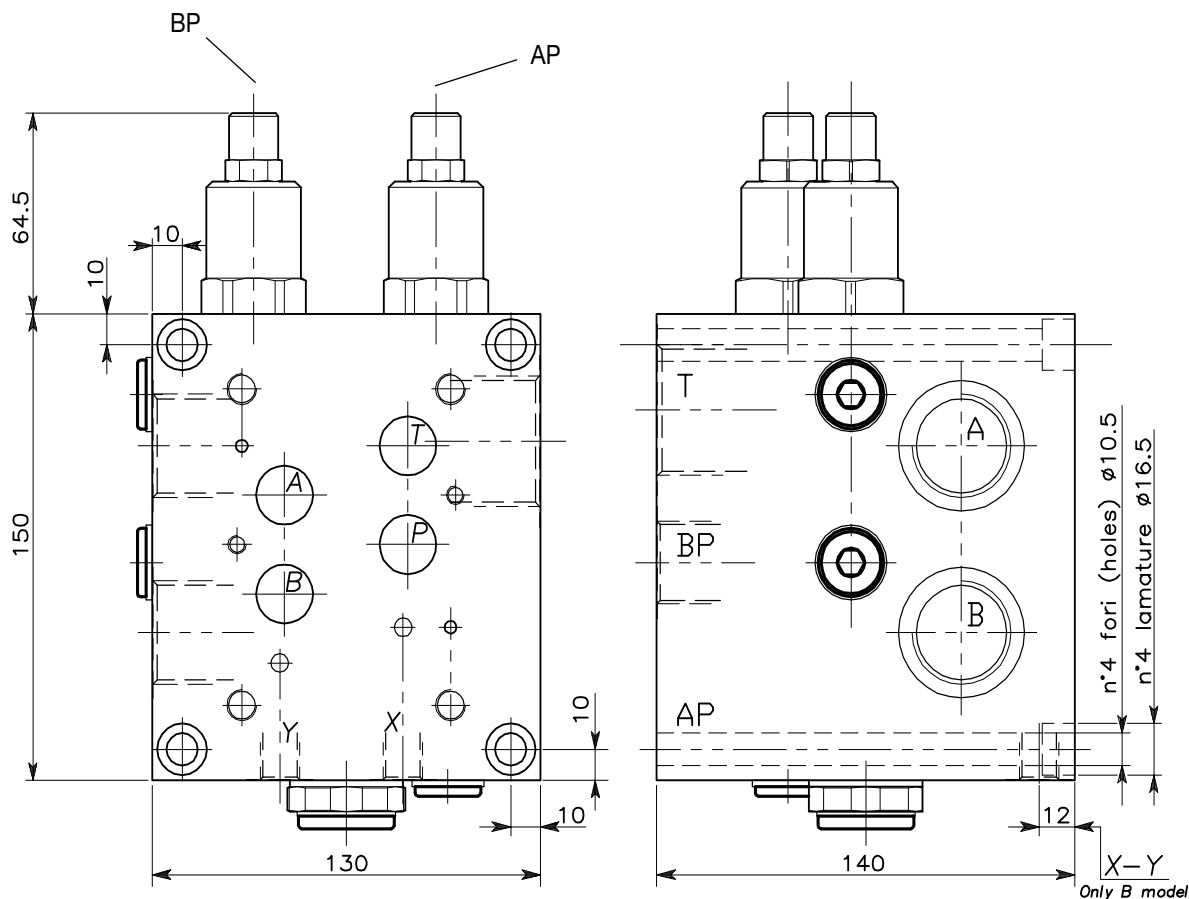
PERFORMANCE

Rated size
Max flow-rate
Max working pressure
Max setting pressure
Room temperature
Oil temperature
Recommended filtration
Weight

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



**VALVOLA DI MESSA A SCARICO PER POMPA DOPPIA CON CONTROLLO DELLA PRESSIONE,
MONTAGGIO CETOP**
PUMP UNLOADING VALVE WITH ADDITIONAL RELIEF, CETOP MOUNTING



**DIMENSIONI
DIMENSIONS**

Campo taratura Setting range	Attacchi Port size T-T1 GAS (BSPP)	Attacchi Port size A-B GAS (BSPP)	Attacchi Port size BP-BP1 GAS (BSPP)	Attacchi Port size AP-AP1 GAS (BSPP)	Attacchi Port size M1-M2-MA MB-X-Y GAS (BSPP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM
404	1 1/4"	1"	3/4"	1/2"	1/4"	16	200-50

**CODICE DI ORDINAZIONE
HOW TO ORDER**

002 404 A 0 0

Campo taratura / Setting range				Pilotaggio Pilot	
(AP)		404	(BP)	A	B
Campo taratura 20÷350 bar (molla colore giallo) Setting range 20÷350 bar (yellow spring)			Campo taratura 10÷90 bar (molla colore giallo) Setting range 10÷90 bar (yellow spring)	Interni - Internal	Esterni - external 1/4" GAS
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')		
280 bar	(--)		40 bar		