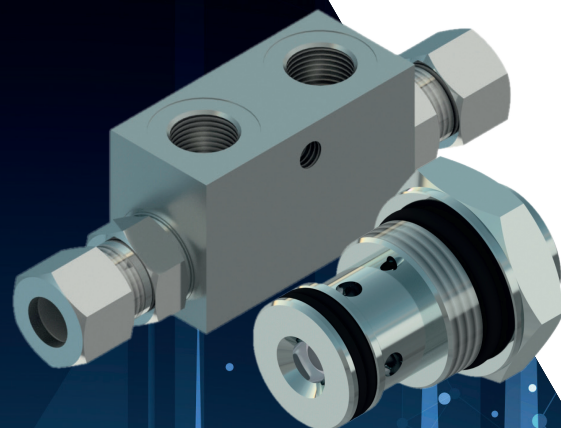


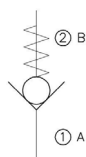


VALVOLE
DI BLOCCO

CHECK
VALVES

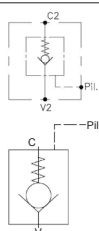
REV. 01/2024





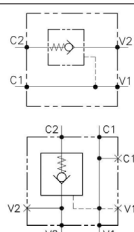
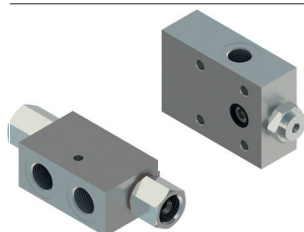
VALVOLE A CARTUCCIA CARTRIDGE VALVES

p. 176-191



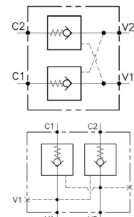
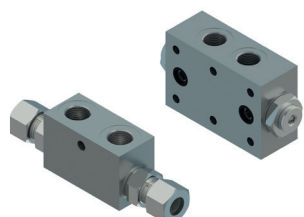
VALVOLE A CARTUCCIA PILOTATE CARTRIDGE PILOT VALVES

p. 192-201



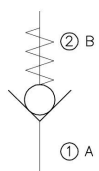
VALVOLE CON COLLETTORE A SEMPLICE EFFETTO VALVES WITH SINGLE ACTING BODY

p. 202-209



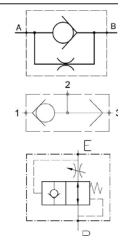
VALVOLE CON COLLETTORE A DOPPIO EFFETTO VALVES WITH DOUBLE ACTING BODY

p. 210-229



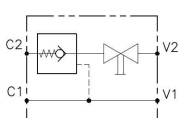
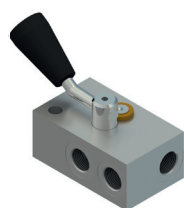
VALVOLE DI BLOCCO AD INSERTO INSERT-TYPE CHECK VALVES

p. 230-233



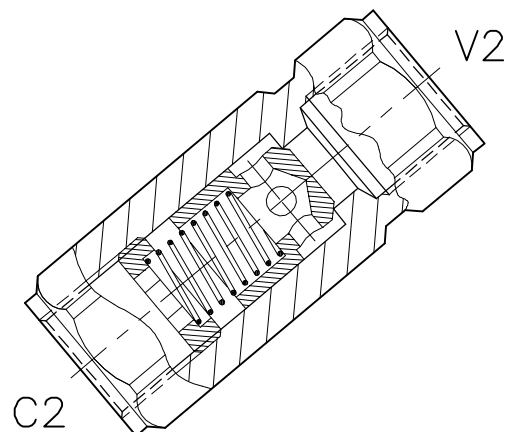
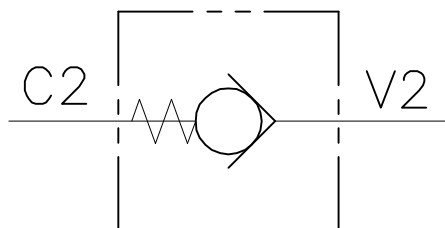
VALVOLE CON FUNZIONE SPECIALE SPECIAL FUNCTION VALVES

p. 234-237



VALVOLE CON RUBINETTO DI SICUREZZA VALVES WITH MANUAL SHUT-OFF

p. 238-239



CARATTERISTICHE

Luce nominale
Portata max
Pressione di lavoro max
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso

Vedi tabella/See table

Vedi tabella/See table

250 / 350

-30°C + 50°C

-30°C + 80°C

30+60

Vedi tabella/See table

PERFORMANCE

Rated size

Max flow-rate

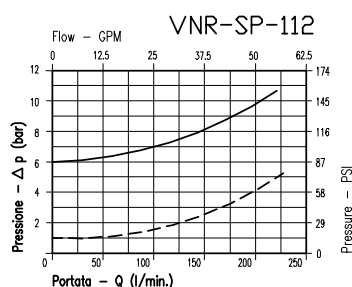
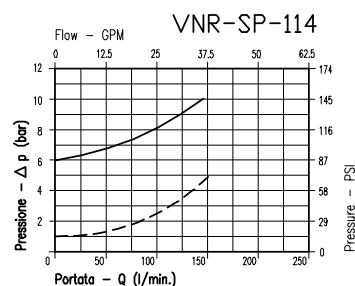
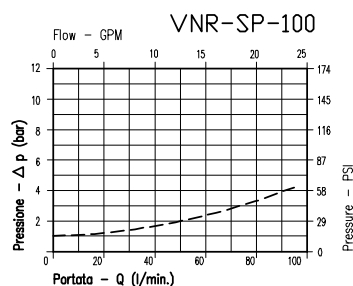
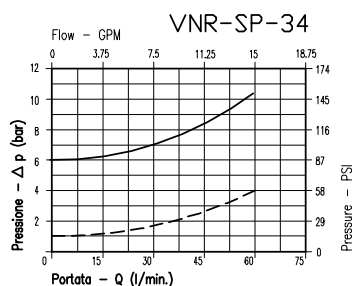
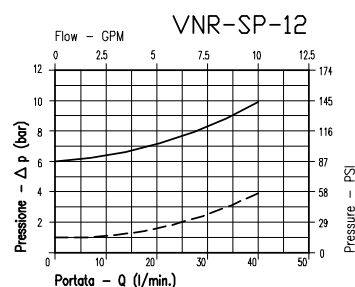
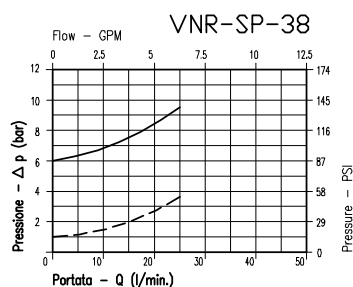
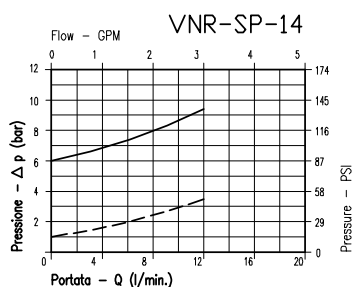
Max working pressure

Room temperature

Oil temperature

Recommended filtration

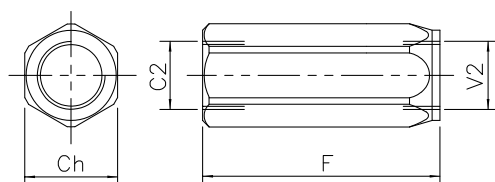
Weight



———— VNR/SP-... 6÷8 Bar
----- VNR/SP-... 1 Bar

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

VALVOLA DI BLOCCO CON TENUTA A SPILLO
CHECK VALVE, POPPET TYPE

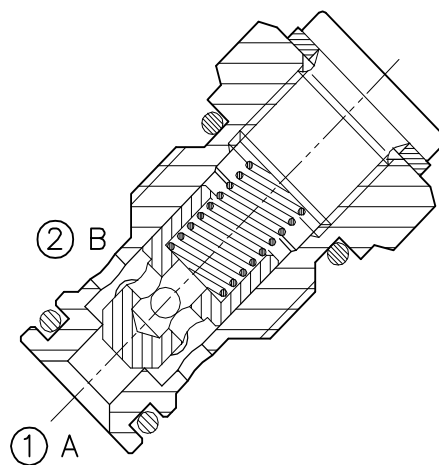
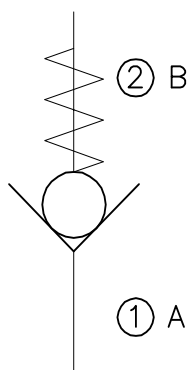


DIMENSIONI
DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	CH	F	Attacchi Port size V2-C2 GAS (BSPP)	Luce nominale rated size DN	Portata max Max flow-rate l/min	Peso Weight kg
016	19	57	1/4"	6	20	0,10
017	24	60	3/8"	8	30	0,16
018	27	75	1/2"	11	40	0,31
019	36	87	3/4"	16	60	0,50
020	41	109	1"	20	100	0,75
001	55	125	1"1/4	25	150	1,75
002	60	130	1"1/2	30	250	1,90

CODICE DI ORDINAZIONE
HOW TO ORDER

003	016	0	J	0
Numero valvola / Valve number		Inizio apertura Cracking pressure		
016		J 1 bar Molla (colore nero) Spring (black)		
017		W 6-8 bar Molla (colore giallo) Spring (yellow)		
018				
019				
020				
001				
002				



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 6

1/30 l/min - 0.26/7.9 GPM

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

50 micron

50÷59 Nm

0.077 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

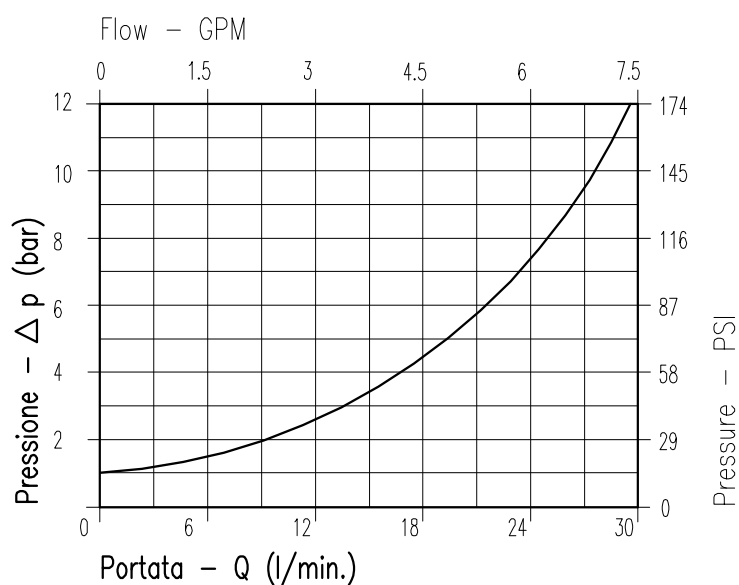
Room temperature

Oil temperature

Recommended filtration

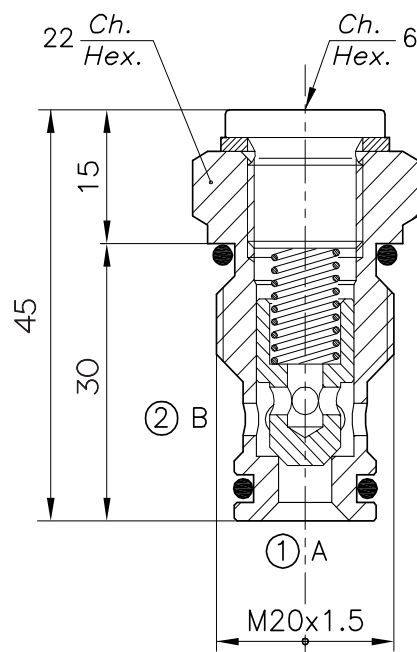
Tightening torque

Weight

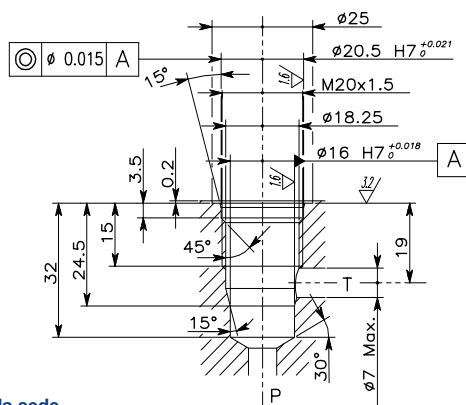


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



CAVITA'
CAVITY CE.013.L



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

CODICE DI ORDINAZIONE HOW TO ORDER

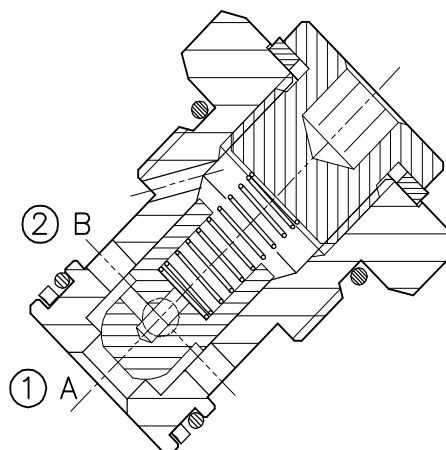
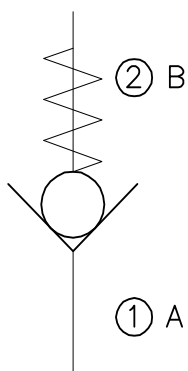
003 006 0 J 0

Inizio apertura
Cracking pressure

J 1 bar
Molla (colore nero)
Spring (black)

W 6÷8 bar
Molla (colore giallo)
Spring (yellow)

VNR-CS-M22X1.5-....



CARATTERISTICHE

Luce nominale

DN 6

Portata min/max

1/30 l/min - 0.26/7.9 GPM

Pressione di lavoro max.

350 bar - 5075 PSI

Temperatura ambiente

-30°C + 50°C

Temperatura olio

-30°C + 80°C

Filtraggio consigliato

50 micron

Coppia di serraggio

75÷87 Nm

Peso

0.100 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

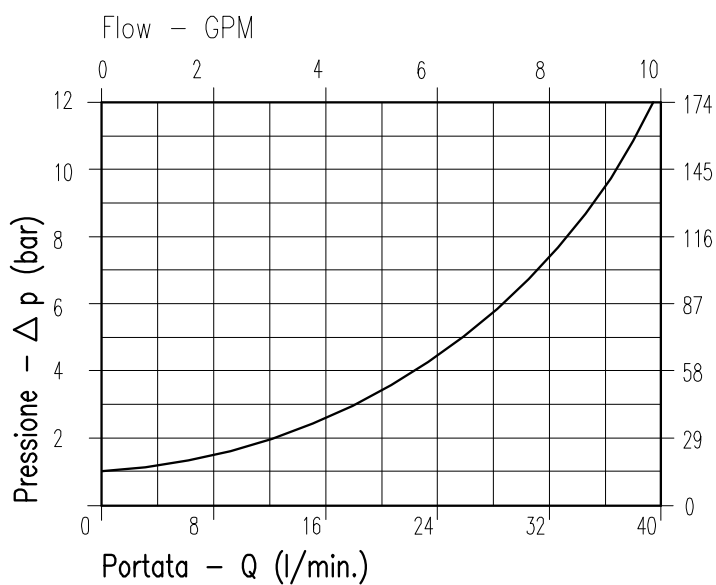
Room temperature

Oil temperature

Recommended filtration

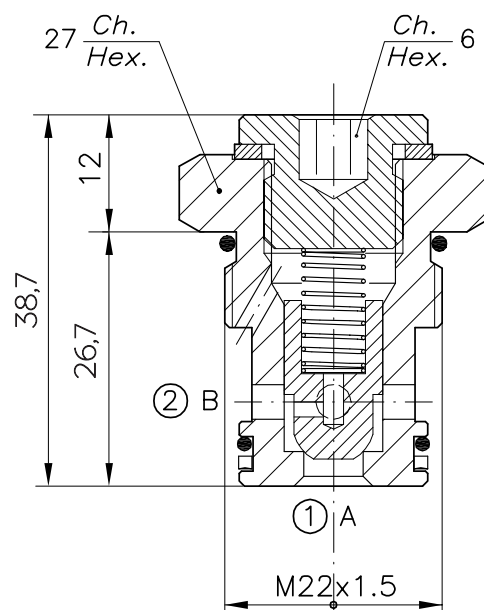
Tightening torque

Weight

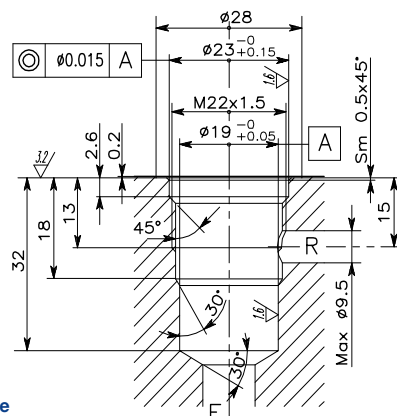


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



CAVITA'
CAVITY **CE.014.N**

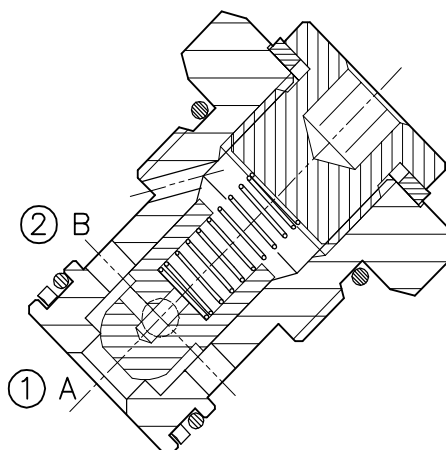
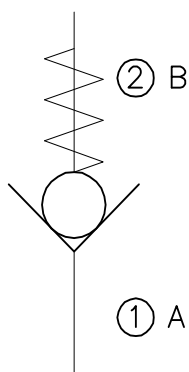


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

**CODICE DI ORDINAZIONE
HOW TO ORDER**

003 034 0 J 0

Inizio apertura Cracking pressure	
J	1 bar Molla (colore nero) Spring (black)
Z	3÷4 bar Molla (colore verde) Spring (green)
W	6÷8 bar Molla (colore giallo) Spring (yellow)

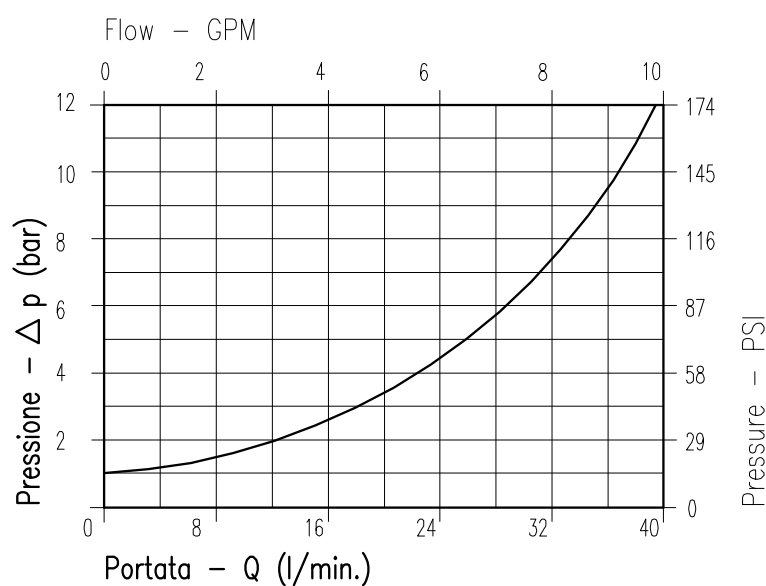


CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/30 l/min - 0.26/7.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron
Coppia di serraggio	75÷87 Nm
Peso	0.100 Kg

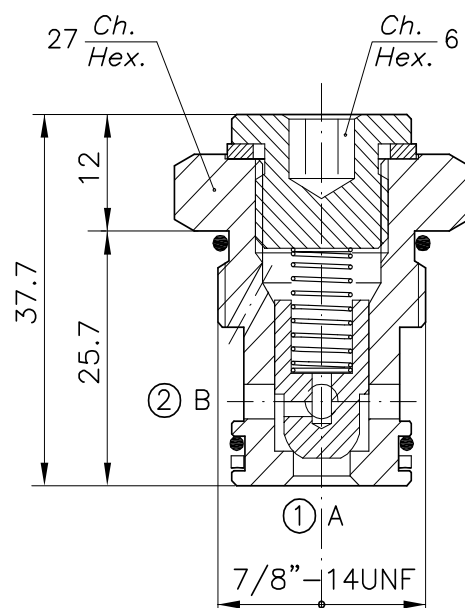
PERFORMANCE

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

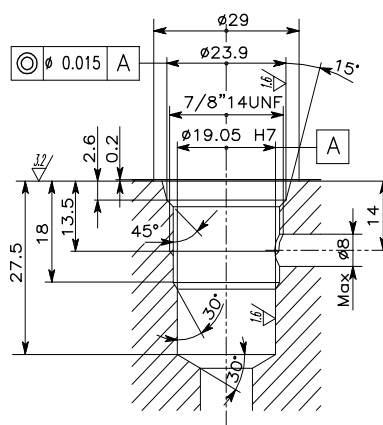


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



CAVITA'
CAVITY **CE.015.N**



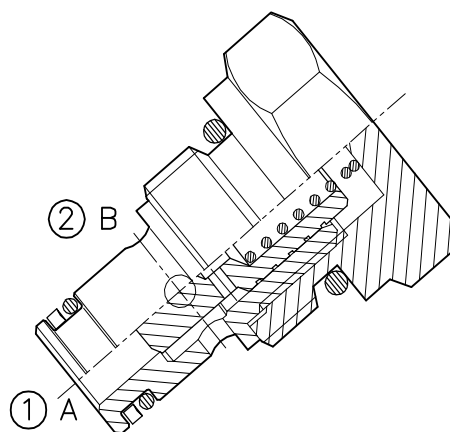
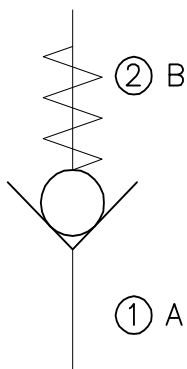
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE
HOW TO ORDER

003 007 0 J 0

Inizio apertura Cracking pressure	
J	1 bar Molla (colore nero) Spring (black)
W	6÷8 bar Molla (colore giallo) Spring (yellow)

VNR-C-40-011-N-34UNF-...



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 6

1/40 l/min - 0.26/10.6 GPM

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

50 micron

75÷87 Nm

0.069 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

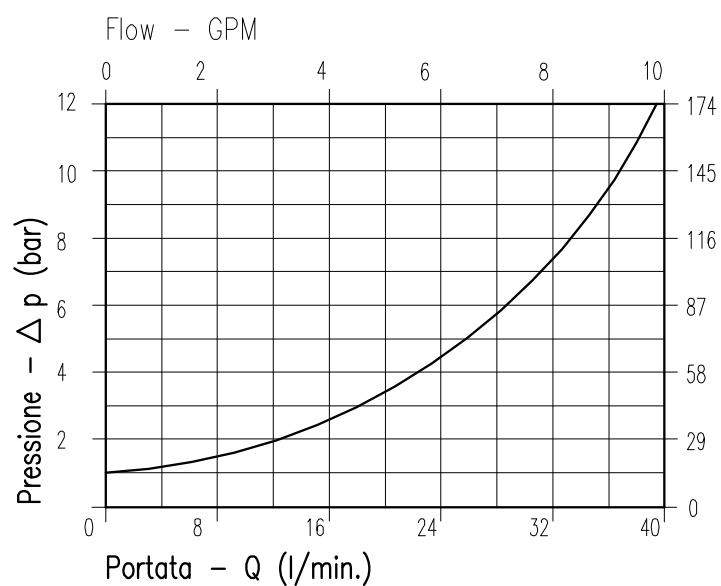
Room temperature

Oil temperature

Recommended filtration

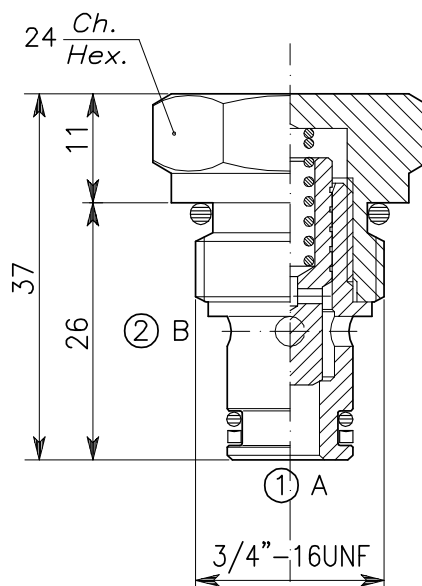
Tightening torque

Weight

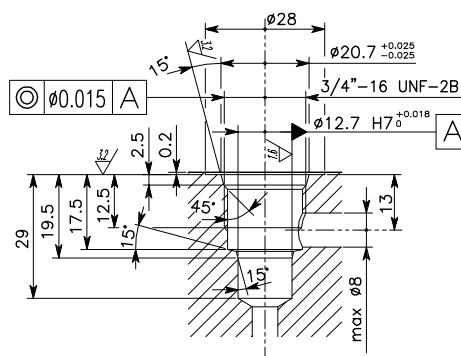


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



CAVITA'
CAVITY **CE.011.N**



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

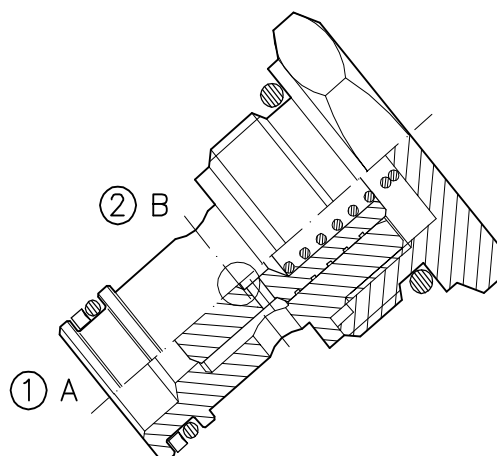
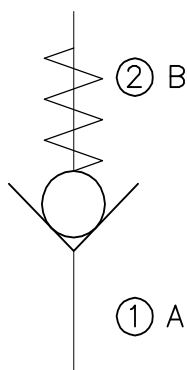
CODICE DI ORDINAZIONE
HOW TO ORDER

003 014 0 J 0

Inizio apertura
 Cracking pressure

J	1 bar Molla (colore nero) Spring (black)
W	6÷8 bar Molla (colore giallo) Spring (yellow)

VNR-C-50-HD-78UNF

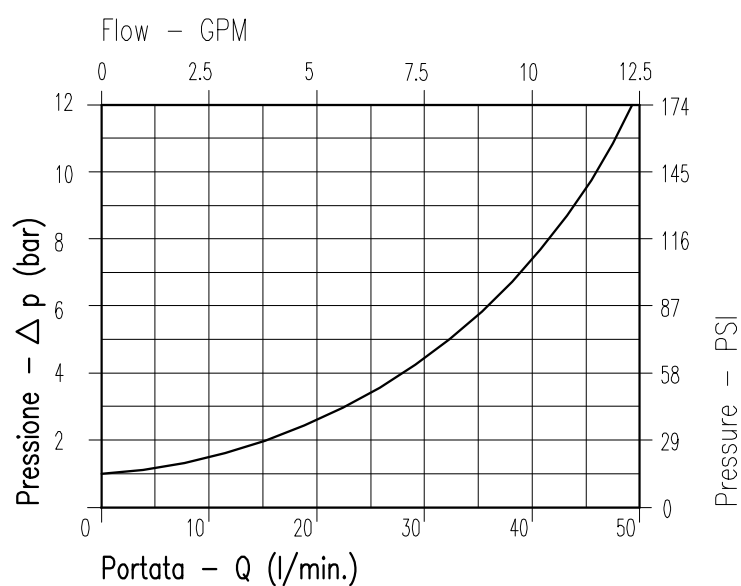


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	1/50 l/min - 0.26/13.2 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron
Coppia di serraggio	75÷87 Nm
Peso	0.077 Kg

PERFORMANCE

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

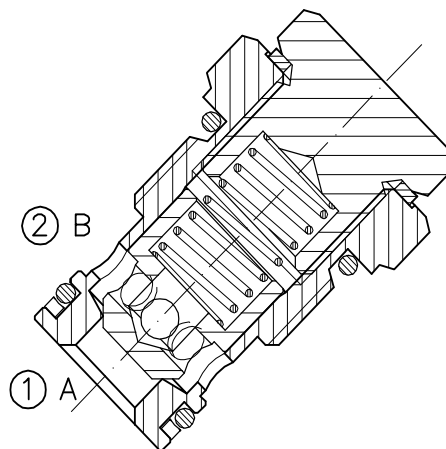
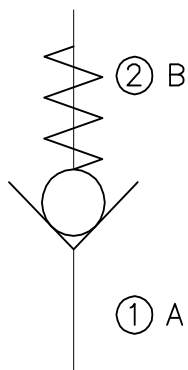


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

Technical drawing of a mechanical assembly in cross-section. The drawing shows a vertical assembly with a hexagonal nut at the top, a central body with a threaded section, and a base. Dimensions are indicated: a total height of 39,2, a height of 32,2 for the main body, and a height of 7 for the top section. A callout "Ch. Hex. 27" points to the hexagonal nut. A section line "A-A" is shown at the bottom, and a section line "B-B" is shown in the middle. The bottom section is labeled "7/8" - 14UNF".

003 373 0 J 0

— 187 —



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 12

1/80 l/min - 0.26/21.1 GPM

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

50 micron

145÷158 Nm

0.179 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

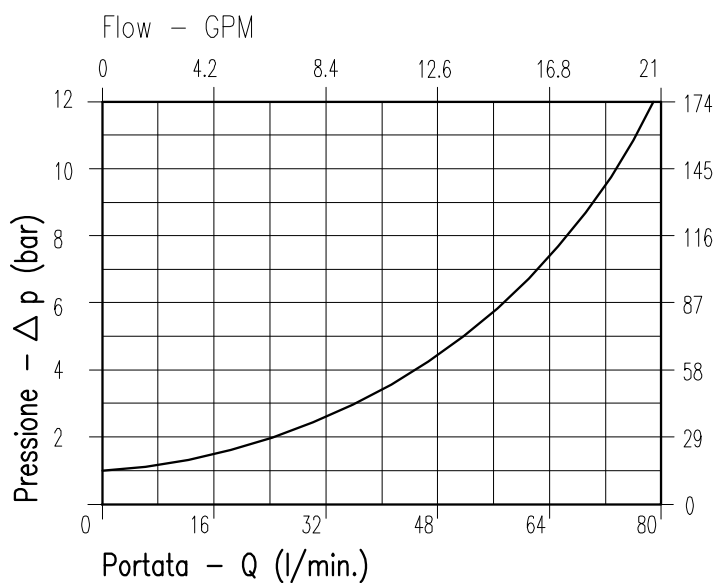
Room temperature

Oil temperature

Recommended filtration

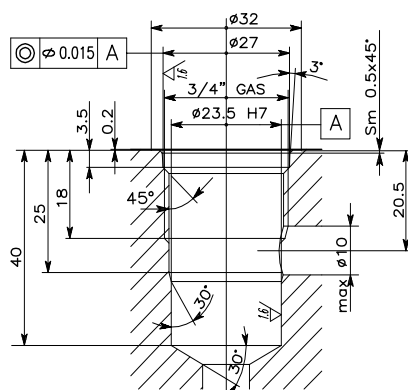
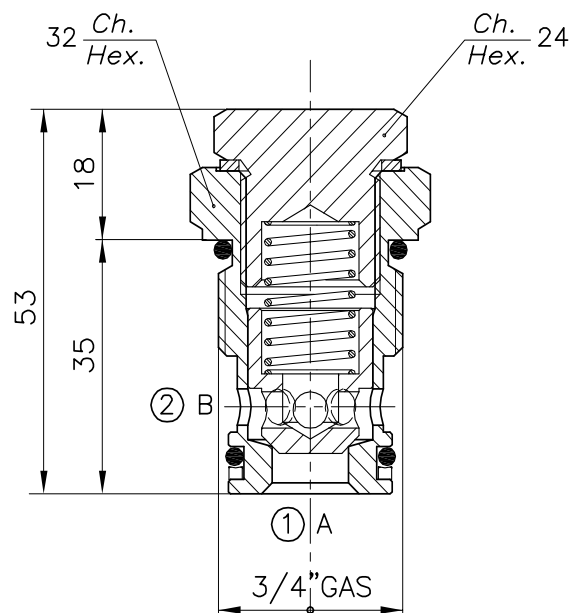
Tightening torque

Weight



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

CAVITA' CAVITY **CE.008.N**



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

CODICE DI ORDINAZIONE HOW TO ORDER

003 035 0 J 0

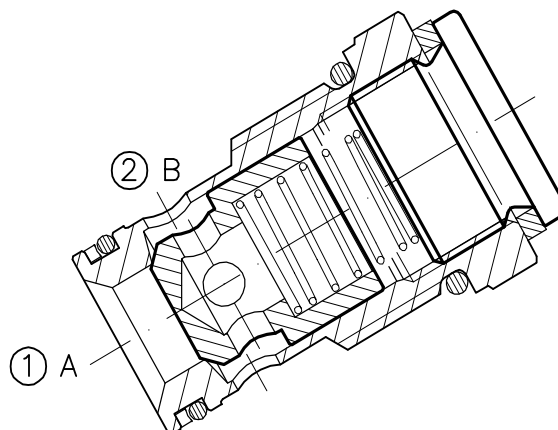
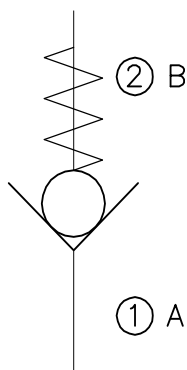
Inizio apertura
Cracking pressure

J	1 bar
---	-------

Molla (colore nero)
Spring (black)

W	6÷8 bar
---	---------

Molla (colore giallo)
Spring (yellow)



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Coppia di serraggio

Peso

DN 16

1/150 l/min - 0.26/39.6 GPM

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

50 micron

148÷158 Nm

0.292 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

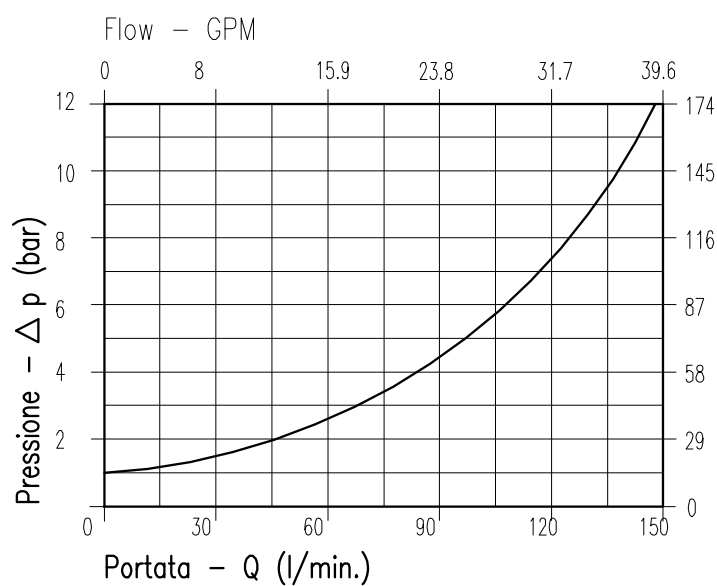
Room temperature

Oil temperature

Recommended filtration

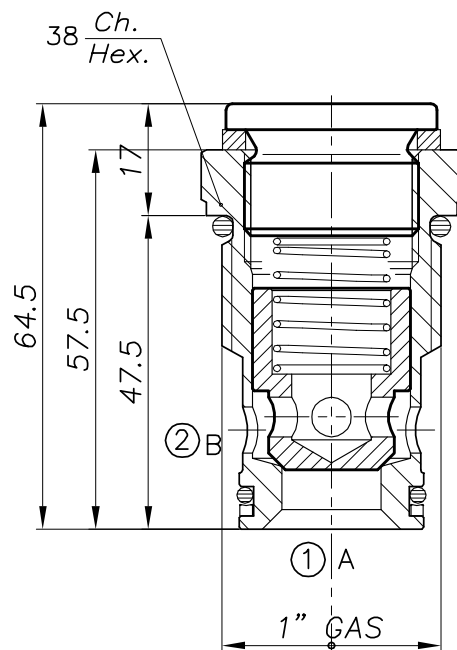
Tightening torque

Weight

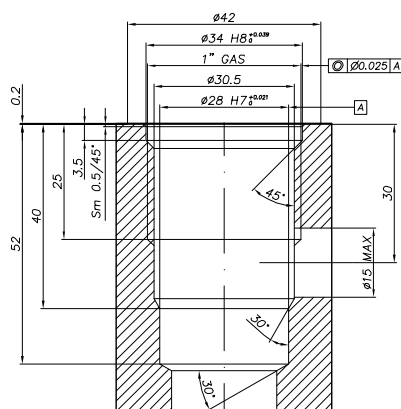


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



CAVITA' CAVITY CE.065.N



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

CODICE DI ORDINAZIONE HOW TO ORDER

003 155 0 J 0

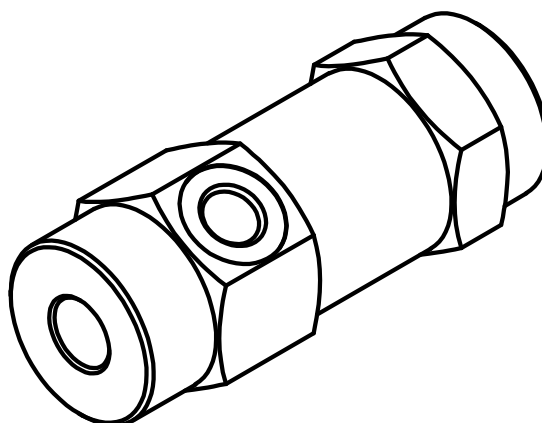
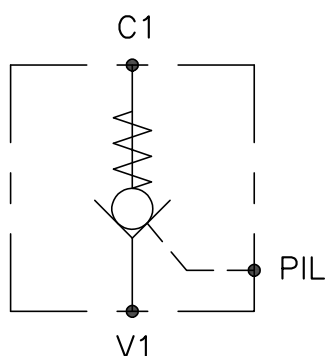
Inizio apertura
Cracking pressure

J | 1 bar

Molle (colore nero)
Spring (black)

W	6÷8 bar
---	---------

Molle (colore giallo)
Spring (yellow)



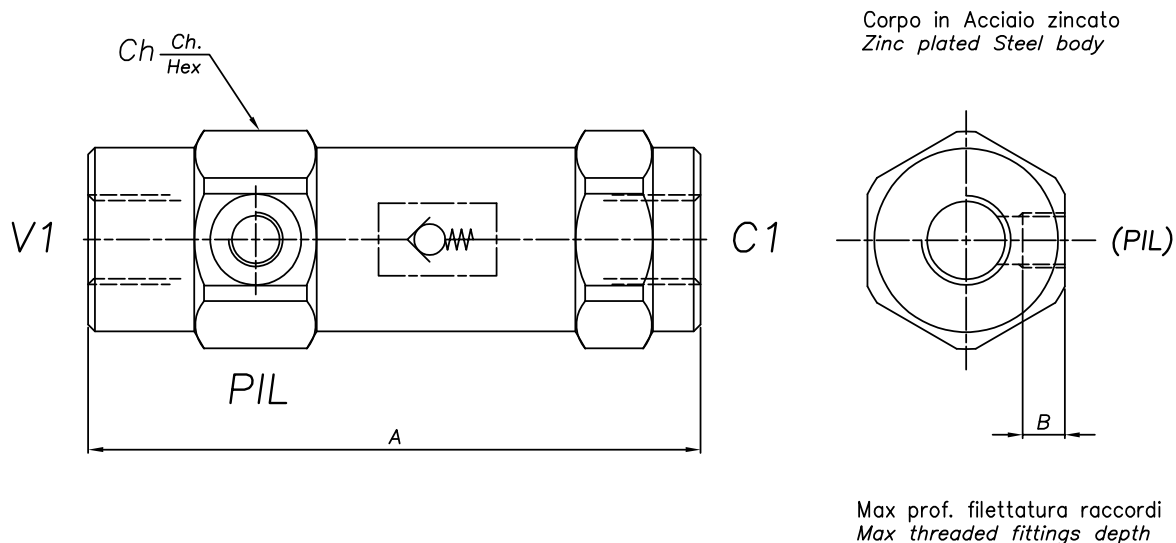
CARATTERISTICHE

Luce nominale	1/4" - 3/8" - 1/2" - 3/4"
Portata min/max	Vedi tabella/See table
Pressione max. di picco	Vedi tabella/See table
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30
Rapporto di pilotaggio	Vedi tabella/See table
Peso	Vedi tabella/See table

PERFORMANCE

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

VALVOLA DI BLOCCO PILOTATA SEMPLICE EFFETTO IN LINEA
IN-LINE SINGLE ACTING PILOT-OPERATED CHECK VALVE



DIMENSIONI
DIMENSIONS

Cod. ord.	Descrizione description	A	Ch	B	PL	V1 - C1	Portata Max max Flow	Pressione Max max pressure	Peso weight	Rap di pilotaggio Pilot ratio
		mm	mm	mm	GAS	GAS	l/min	bar	kg	
461	VNR-SE-PIL-14	103	36	12	1/4"GAS	1/4"GAS	20	350	0,7	8,5:1
462	VNR-SE-PIL-38	109	40	12	1/4"GAS	3/8"GAS	30	300	0,9	6:1
463	VNR-SE-PIL-12	122	42	12	1/4"GAS	1/2"GAS	50	300	1,1	5,5
464	VNR-SE-PIL-34	131	55	14	1/4"GAS	3/4"GAS	80	250	2	4

CODICE DI ORDINAZIONE
HOW TO ORDER

003 461 0 0 0

Numero valvola / Valve number

461

462

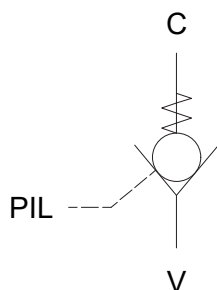
463

464

Pilotaggio "PIL" a tenuta
Sealed "PIL" pilot
 Pistone di pilotaggio con OR
Pilot piston with OR

Pressione apertura standard 1 bar
Standard cracking pressure 1 bar

VNR-C-3V-PO-M18

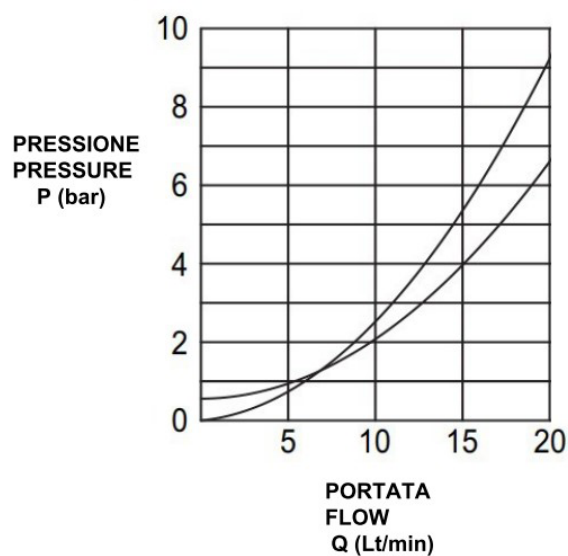


CARATTERISTICHE

Luce nominale	DN 4
Portata min/max	1/20 l/min - 0.26/5.3 GPM
Pressione max. di lavoro	300 bar - 4350 PSI
Pressione max. di picco	350 bar - 5075 PSI
Rapporto di pilotaggio standard	3.2 : 1
Temp. ambiente consigliata	-30°C + 50°C
Temp. olio consigliata	-30°C + 80°C
Filtraggio consigliato	9 NAS1638
Coppia di serraggio	40 Nm
Peso	0.076 Kg.

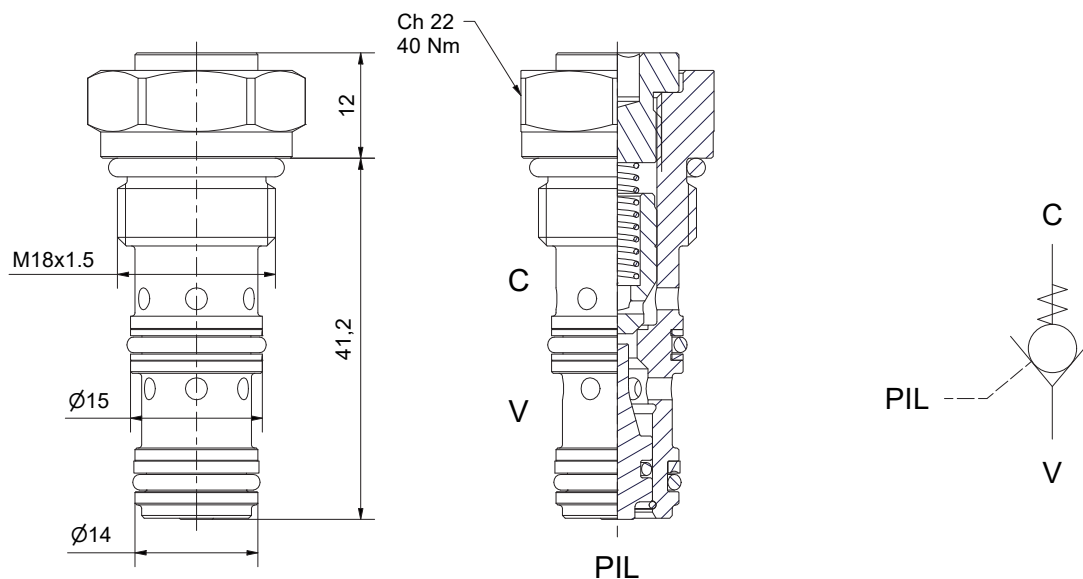
PERFORMANCE

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



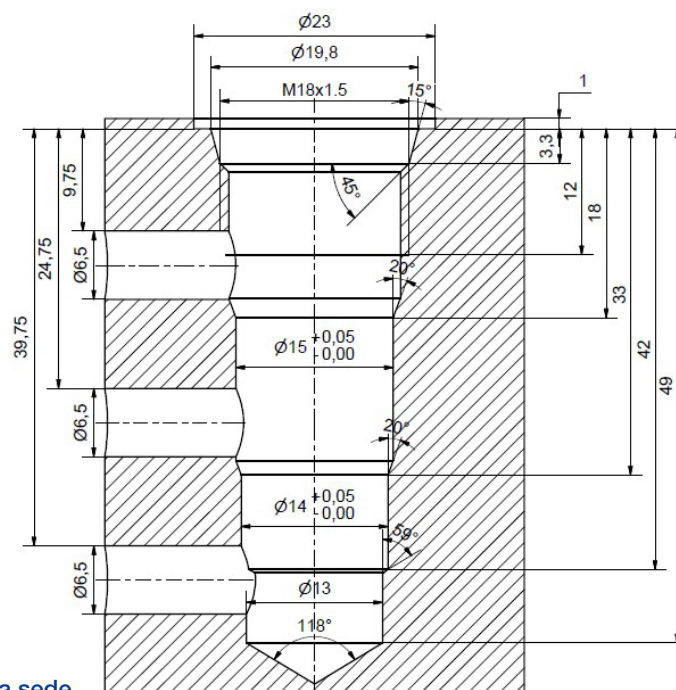
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA CARTRIDGE PILOT CHECK VALVE



CAVITÀ CAVITY

CE-206-N (M18x1.5 - 3W)

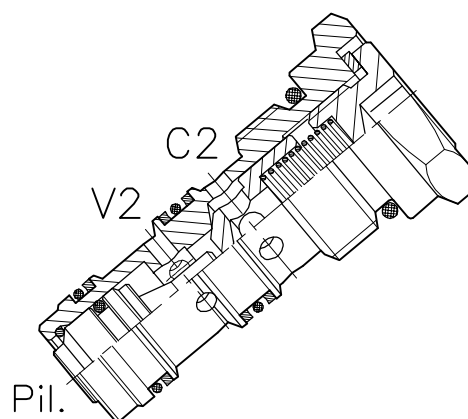
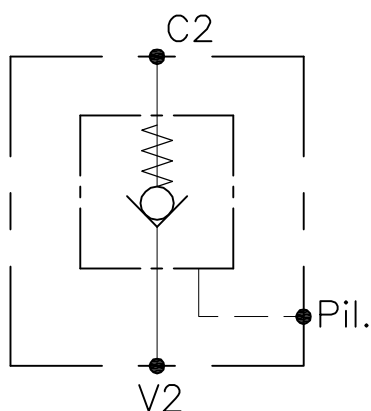


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

003	534	A	D	0
Numero valvola Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure		
534	A	D		
	O-RING sul pist. di pilotaggio Pilot piston O-RING	3 - 4 bar		
	Senza O-RING sul pist. di pilotaggio No pilot piston O-RING			

VNR-C-SO-SE-50-SP-...



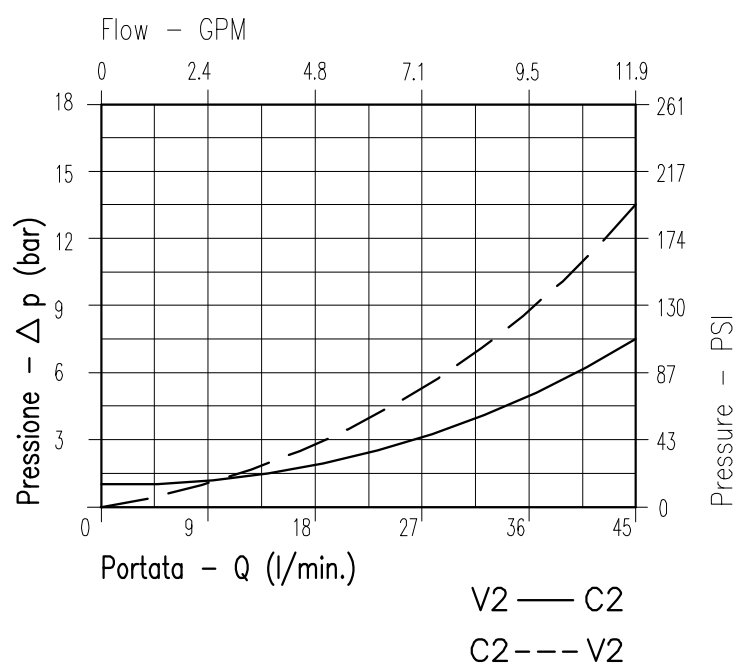
CARATTERISTICHE

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

DN 8
1/45 l/min - 0.26/11.9 GPM
350 bar - 5075 PSI
3 : 1
-30°C + 50°C
-30°C + 80°C
50 micron
50÷59 Nm
0.122 Kg

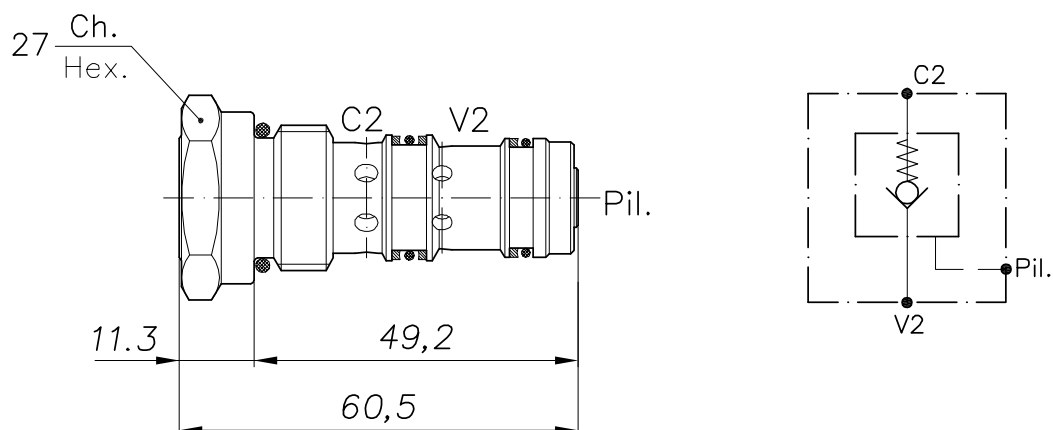
PERFORMANCE

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

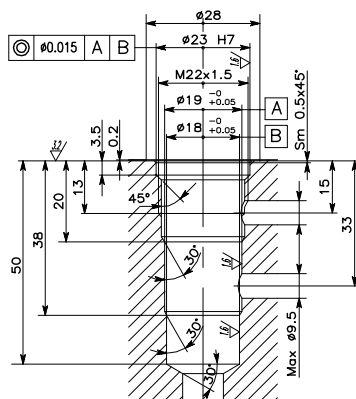


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA CARTRIDGE PILOT CHECK VALVE



CAVITA' CAVITY CE.017.N



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

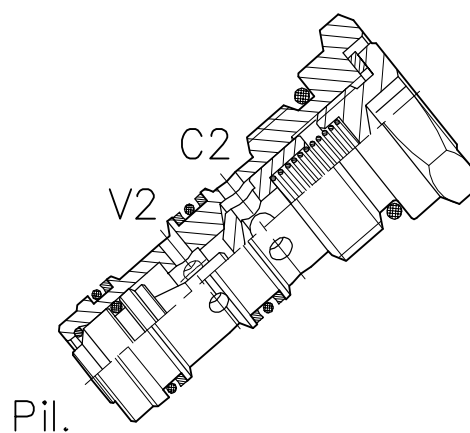
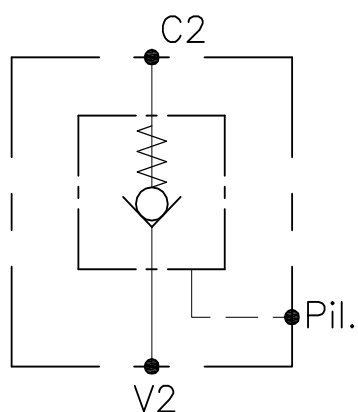
CODICE DI ORDINAZIONE HOW TO ORDER

003 265 0 J 0

Inizio apertura
Cracking pressure

J	1 bar Molla (colore nero) Spring (black)
Z	3÷4 bar Molla (colore verde) Spring (green)
W	6÷8 bar Molla (colore giallo) Spring (yellow)

VNR-C-SE-071N-78UNF-...



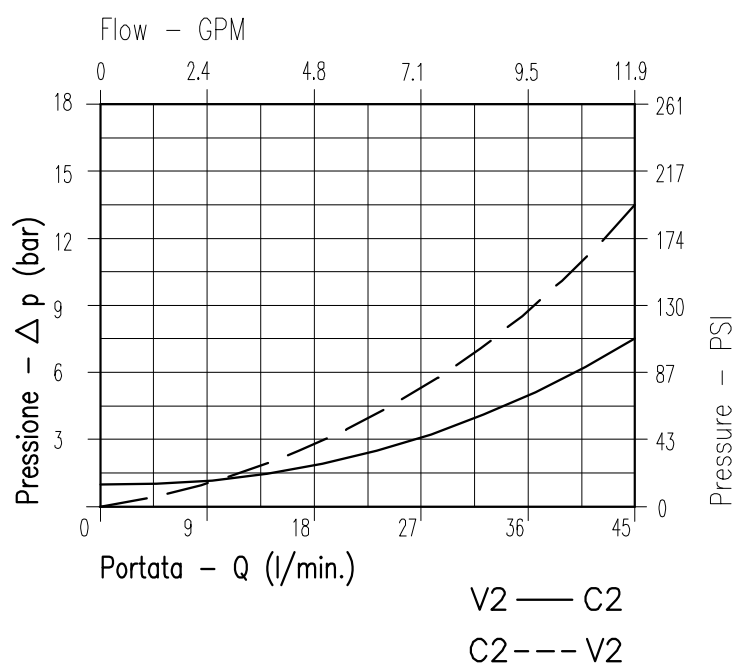
CARATTERISTICHE

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

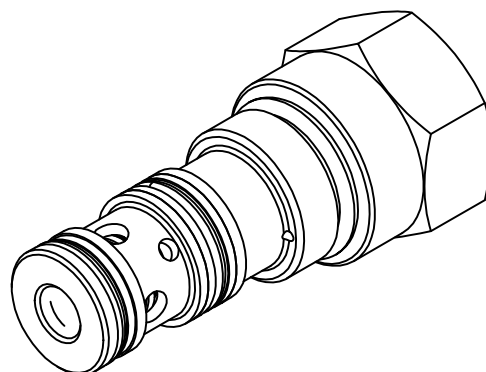
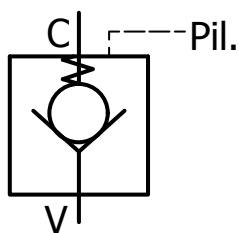
DN 8
1/45 l/min - 0.26/11.9 GPM
350 bar - 5075 PSI
3 : 1
-30°C + 50°C
-30°C + 80°C
50 micron
50±59 Nm
0.122 Kg

PERFORMANCE

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



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

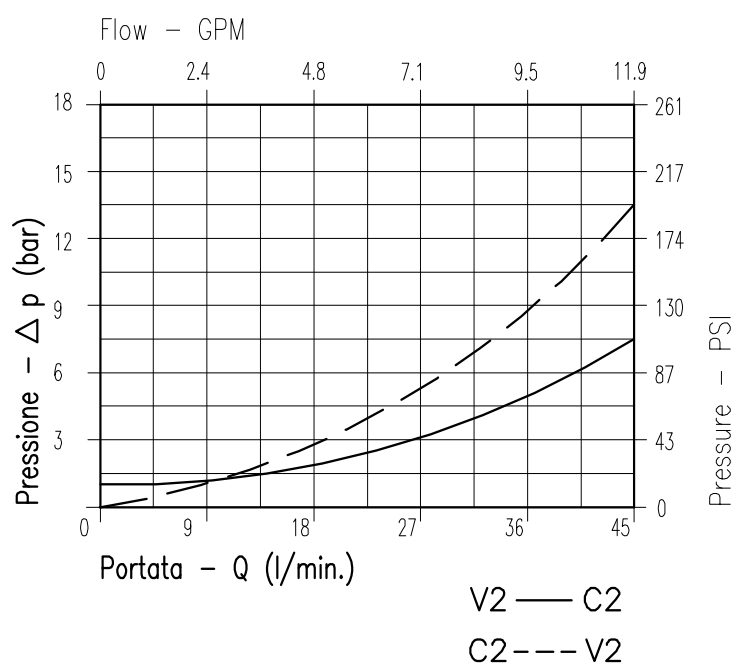


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	1/45 l/min - 0.26/11.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Rapporto di pilotaggio	3 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron
Coppia di serraggio	50÷59 Nm
Peso	0.122 Kg

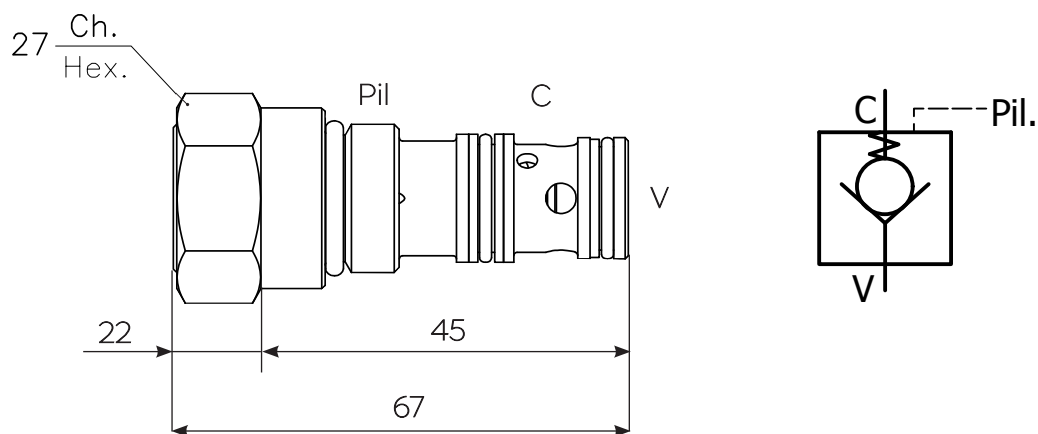
PERFORMANCE

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

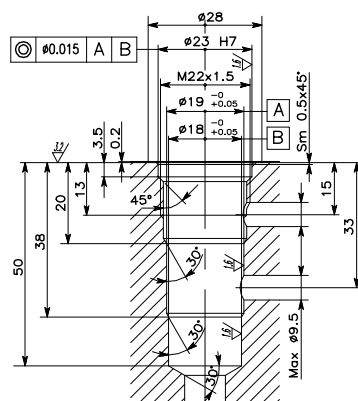


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA
CARTRIDGE PILOT CHECK VALVE



CAVITA' CAVITY CE.017.N



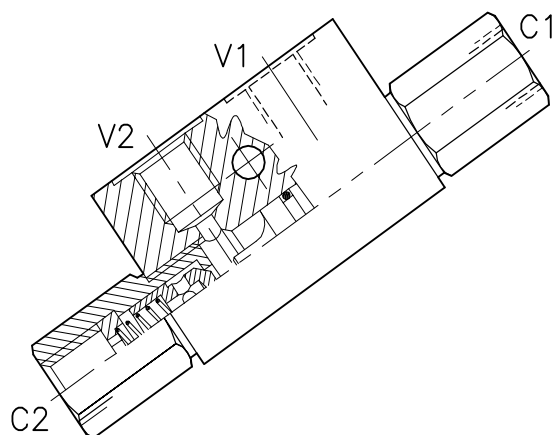
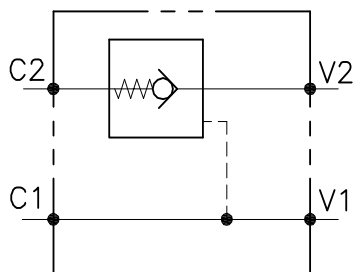
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

003 269 A J 0

Inizio apertura Cracking pressure	
J	1 bar Molla (colore nero) Spring (black)
W	6 bar Molla (colore giallo) Spring (yellow)

VNR-SO-SE-...-L-....



CARATTERISTICHE

Luce nominale min/max

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Vedi tabella/See table

Vedi tabella/See table

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

30÷50

PERFORMANCE

Min/max rated size

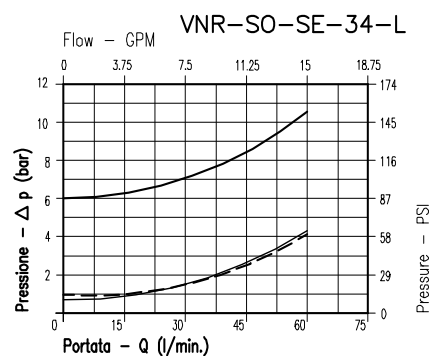
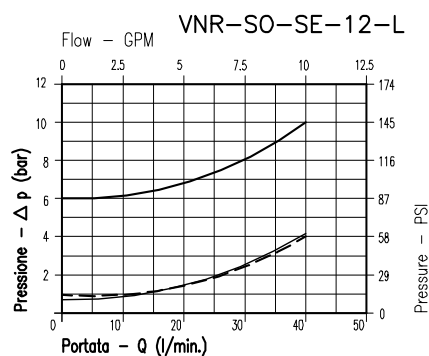
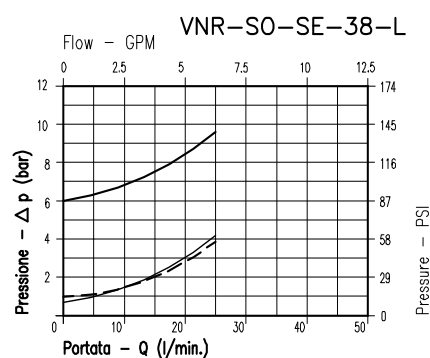
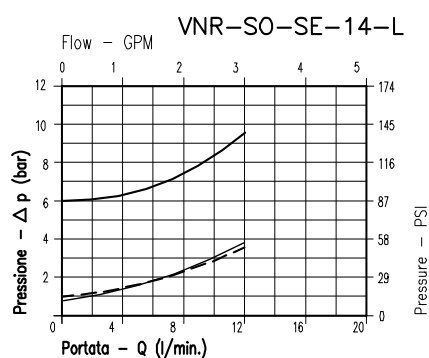
Min/max flow-rate

Max working pressure

Room temperature

Oil temperature

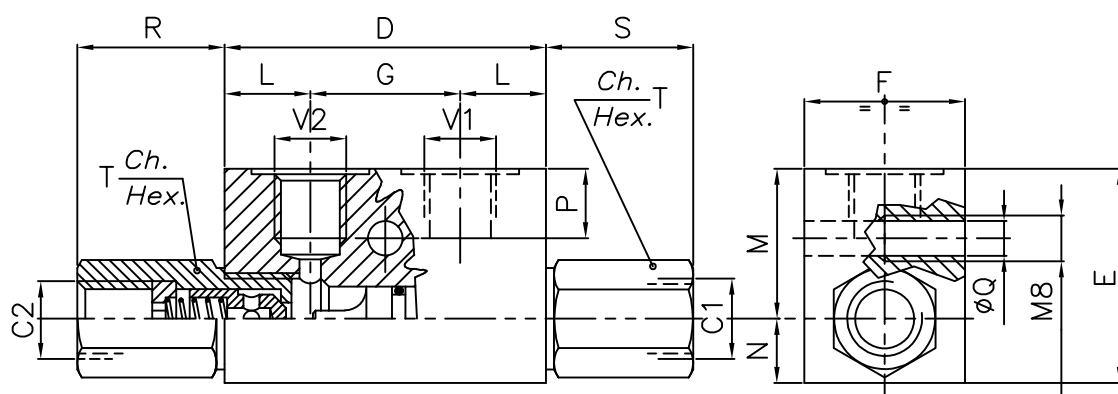
Recommended filtration



- 8Bar Flusso libero (free flow)
- 1Bar Flusso libero (free flow)
- Flusso pilotato (piloted flow)

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

VALVOLA DI BLOCCO A SEMPLICE EFFETTO PILOTATA SINGLE PILOT CHECK VALVE, POPPET TYPE



SOLO PER VERSIONI 1/4" E 3/8" GAS / ONLY FOR 1/4" 3/8" GAS VERSION

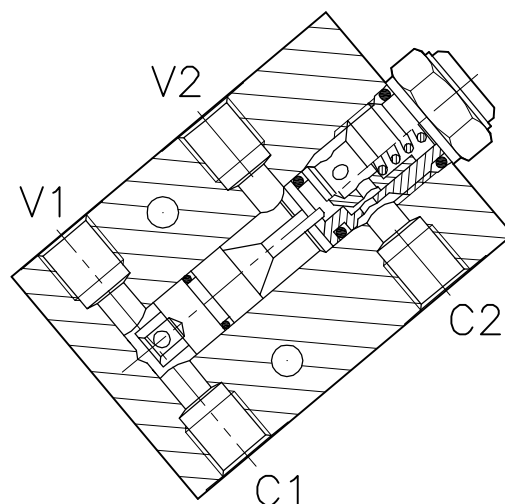
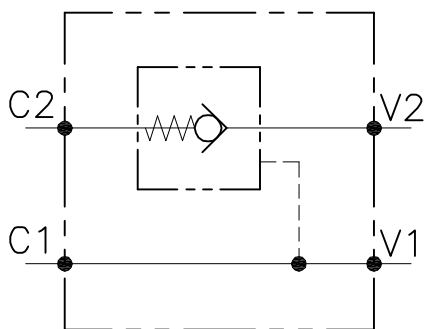
DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	D	E	F	G	L	M	N	P	Q	R	S	T	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nomi- nale Rated size DN	Rapporto di pilotaggio Pilot ratio	Portata max max flow-rate l/min-GPM
026	64	40	30	36	14	27	13	8	6,5	27	27	22	1/4"	6	6:1	20-5.2
027													3/8"	6	6:1	30-7.9
028	80	50	35	38	21	34	16	15	6,5	32	26	27	1/2"	11	4:1	40-10.6
029	100	60	40	50	25	39	21	15	8,5	41	41	38/32	3/4"	16	3.5:1	60-15.8

CODICE DI ORDINAZIONE HOW TO ORDER

N03	027	0	W	0	.	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore body material			
026	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel			
027	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)				
003	029	0	W	0	.	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore body material			
028	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel			
029	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)				

VNR-C-SO-SE-...-...



CARATTERISTICHE

Luce nominale min/max

Vedi tabella/See table

Portata min/max

Vedi tabella/See table

Pressione di lavoro max.

350 bar - 5075 PSI

Rapporto di pilotaggio

Vedi tabella/See table

Temperatura ambiente

-30°C + 50°C

Temperatura olio

-30°C + 80°C

Filtraggio consigliato

50 micron

Peso

0.459 Kg. 1/4" GAS

Peso

0.750 Kg. 3/8" GAS

Peso

0.724 Kg. 1/2" GAS

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

Pilot ratio

Room temperature

Oil temperature

Recommended filtration

Weight

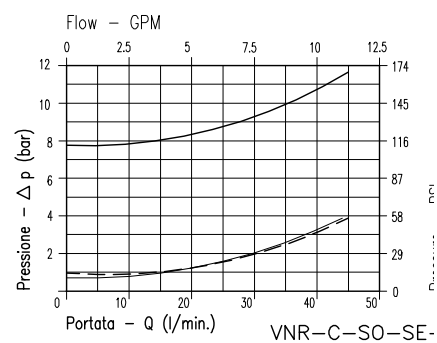
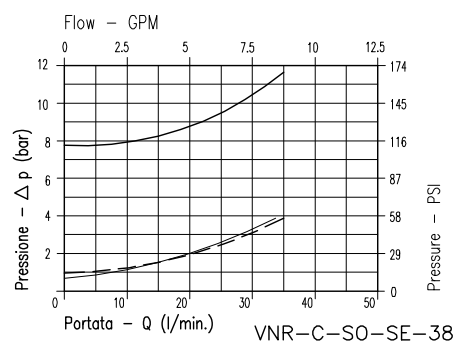
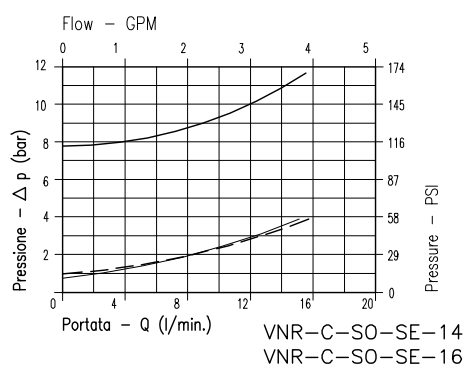
Weight

Weight

8Bar Flusso libero
(free flow)

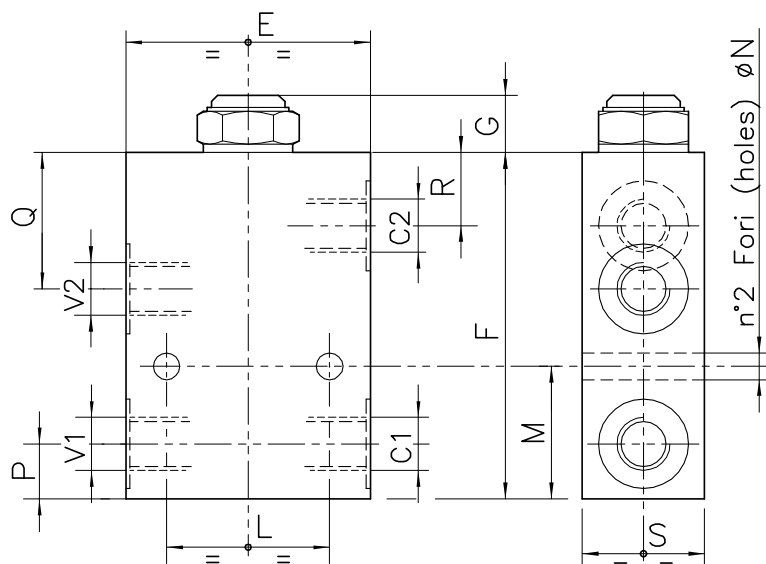
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

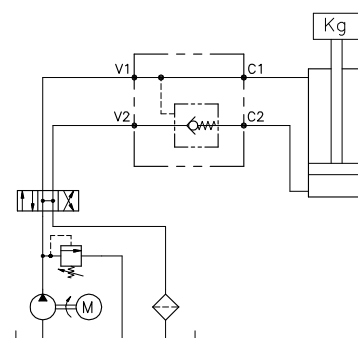


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA, A SEMPLICE EFFETTO CON COLLETTORE IN LINEA
SINGLE PILOT, CHECK VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO
TYPICAL CIRCUIT EXAMPLE



DIMENSIONI
DIMENSIONS

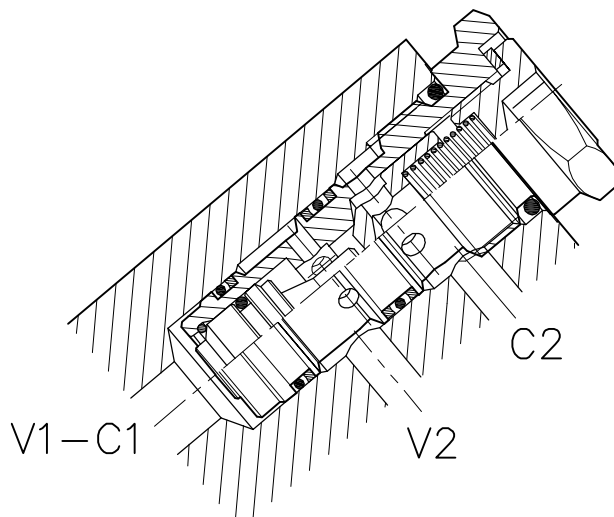
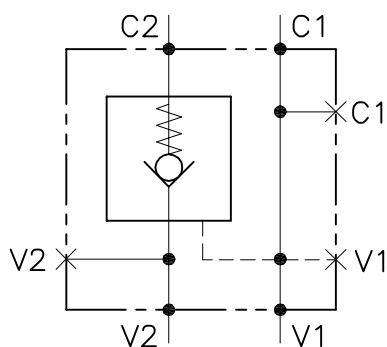
NUMERO VALVOLA VALVE NUMBER	E	F	G	L	M	N	P	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSP)	Luce nominale Rated size DN	Portata max Max flow-rate l/min - GPM	Rapporto di pilotaggio Pilot ratio
036	60	85	15	40	32.5	6.5	13.5	33.5	18	30	1/4"	4	20-5.2	5.4:1
038	70	95	18	40	40	8.5	19	38	20.5	35	3/8"	6	40-10.6	4:1
039	70	95	18	40	40	8.5	19	38	20.5	35	1/2"	8	60-15.9	4:1

CODICE DI ORDINAZIONE
HOW TO ORDER

003 036 0 J 0

Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Collettore in alluminio Aluminum manifold
036	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	
038	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)	
039			

VNR-C-SO-SE-50-SP-FCB-...-...



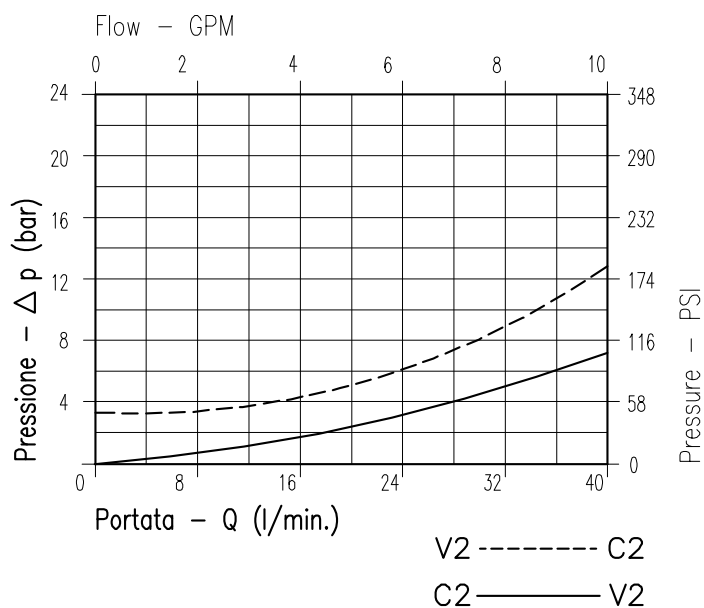
CARATTERISTICHE

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

DN 6
1/40 l/min. - 0.26/10.6 GPM
350 bar - 5075 PSI
3 : 1
-30°C + 50°C
-30°C + 80°C
50 micron
0.865 Kg 3/8" GAS
1.179 Kg 1/2" GAS

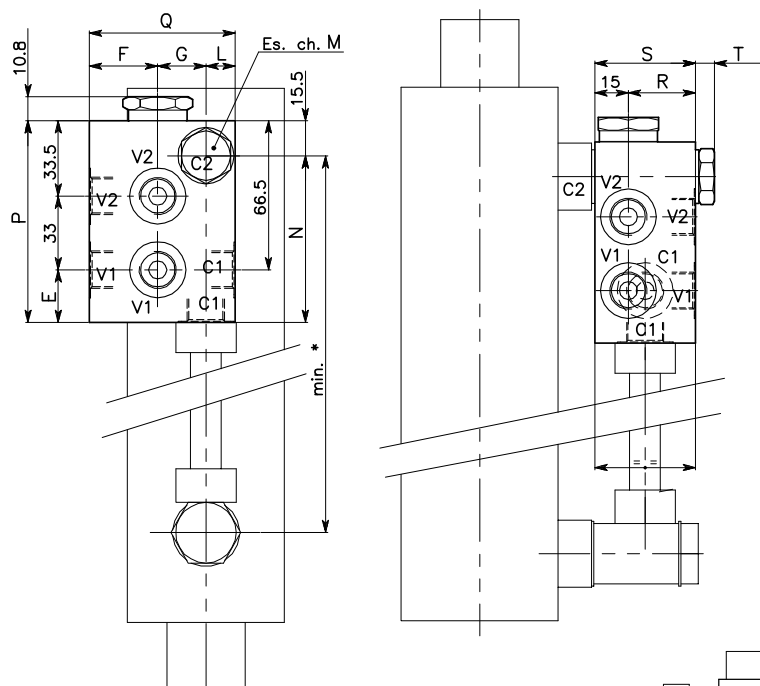
PERFORMANCE

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

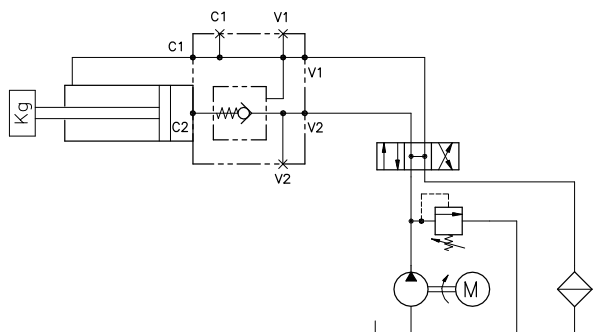


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



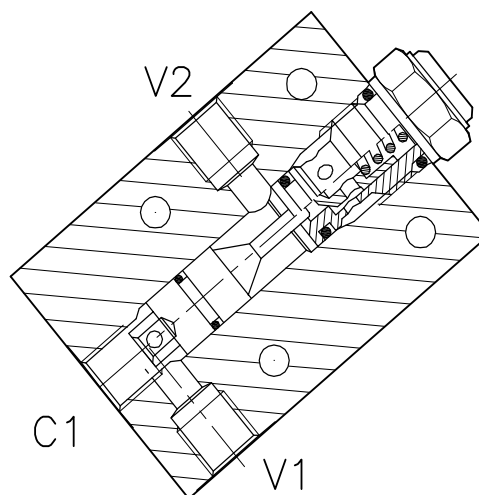
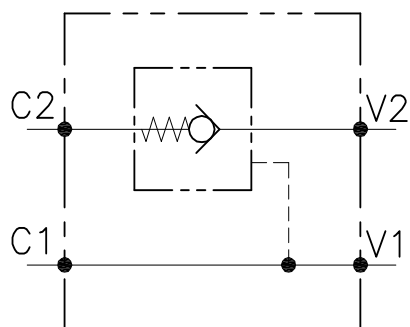
DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	E	F	G	L	M	N	P	Q	R	S	T	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)
233	23.5	30.5	21.5	13	22	74.5	90	65	30	45	9	3/8"
251	28.5	33	26	16	27	79.5	95	75	35	50	10	1/2"

CODICE DI ORDINAZIONE HOW TO ORDER

003	233	0	J	0
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Collettore in alluminio Aluminum manifold	
233	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)		
251	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)		

VNR-C-SO-SE-...-FC1-...



CARATTERISTICHE

Luce nominale min/max

Vedi tabella/See table

Portata min/max

Vedi tabella/See table

Pressione di lavoro max.

350 bar - 5075 PSI

Rapporto di pilotaggio

4 : 1

Temperatura ambiente

-30°C + 50°C

Temperatura olio

-30°C + 80°C

Filtraggio consigliato

50 micron

Peso

0.750 Kg. 3/8" GAS

Peso

0.724 Kg. 1/2" GAS

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

Pilot ratio

Room temperature

Oil temperature

Recommended filtration

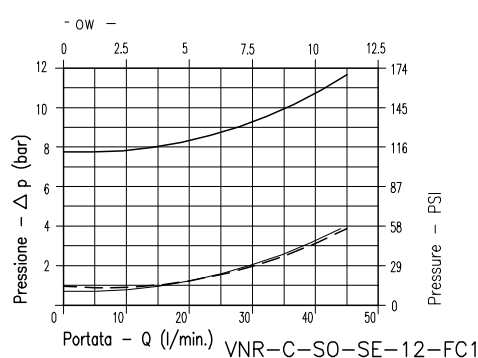
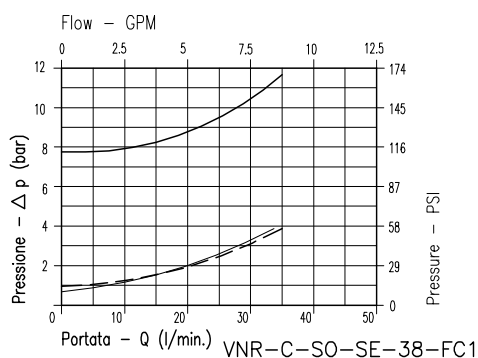
Weight

Weight

8Bar Flusso libero
(free flow)

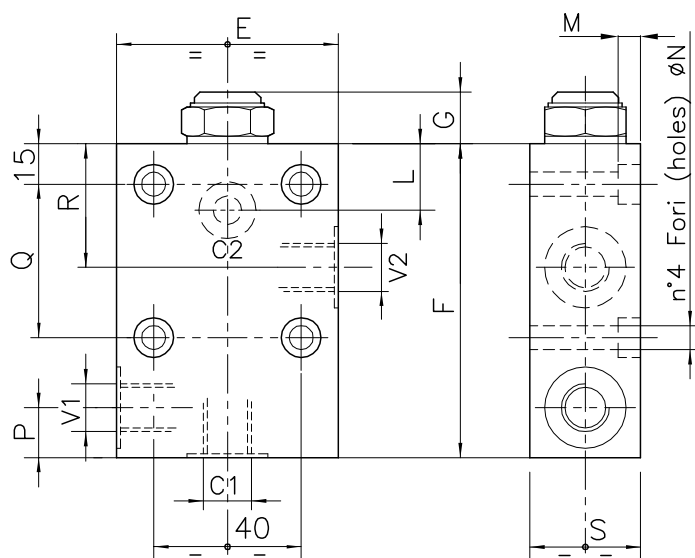
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

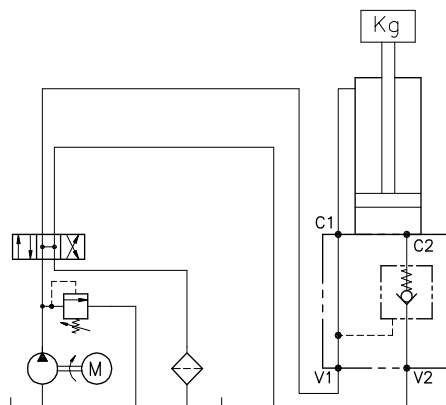


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA A SEMPLICE EFFETTO CON COLLETTORE FLANGIATO CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	E	F	G	L	M	N	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
042	70	95	18	20,5	3	8,5	19	40	38	35	3/8"	8	40-10.6
043	70	95	18	20,5	3	8,5	19	40	38	35	1/2"	8	60-15.9

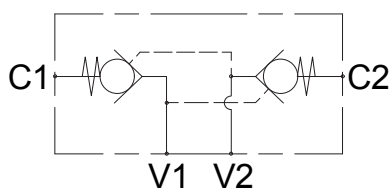
CODICE DI ORDINAZIONE HOW TO ORDER

003	042	0	J	0
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Collettore in alluminio Aluminum manifold	
042	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)		
043	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)		

VNR-...E-IN-14

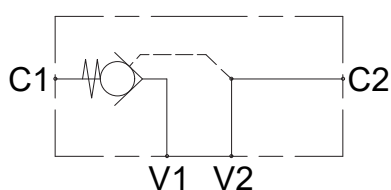
DOPPIO EFFETTO DOUBLE ACTING

.A00.A



SEMPLICE EFFETTO SINGLE ACTING

.B00.A



CARATTERISTICHE

Luce nominale

Portata min/max

Pressione max. di lavoro

Rapporto di pilotaggio standard

Temp. ambiente consigliata

Temp. olio consigliata

Filtraggio consigliato

Peso

DN 4

1/20 l/min - 0.26/5.3 GPM

350 bar - 5075 PSI

5 : 1

-30°C + 50°C

-30°C + 80°C

9 NAS1638

0.426 Kg.

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

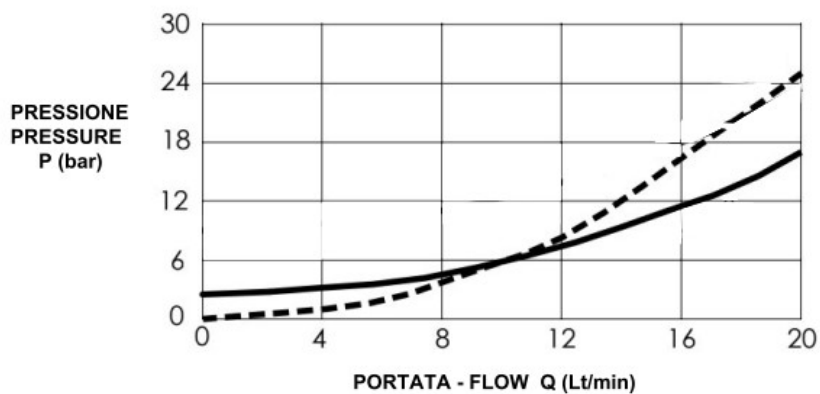
Standard pilot ratio

Recommended room temperature

Recommended oil temperature

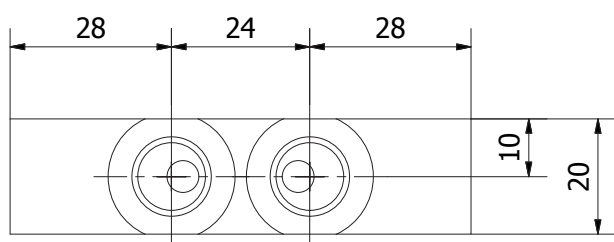
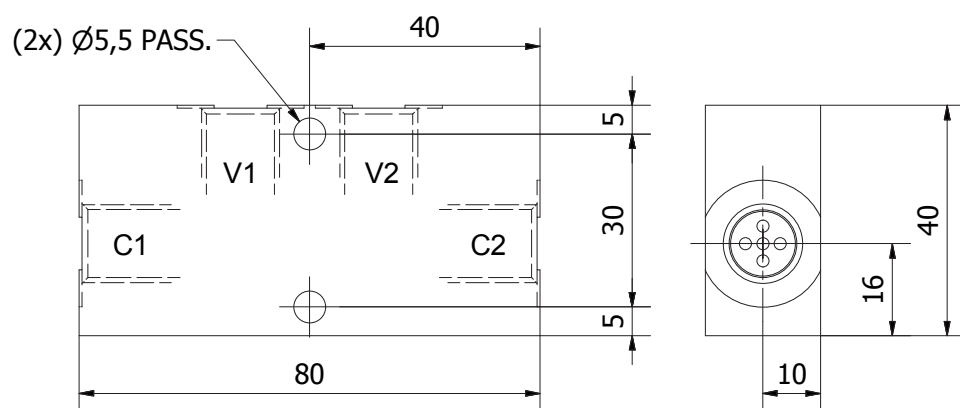
Recommended filtration

Weight

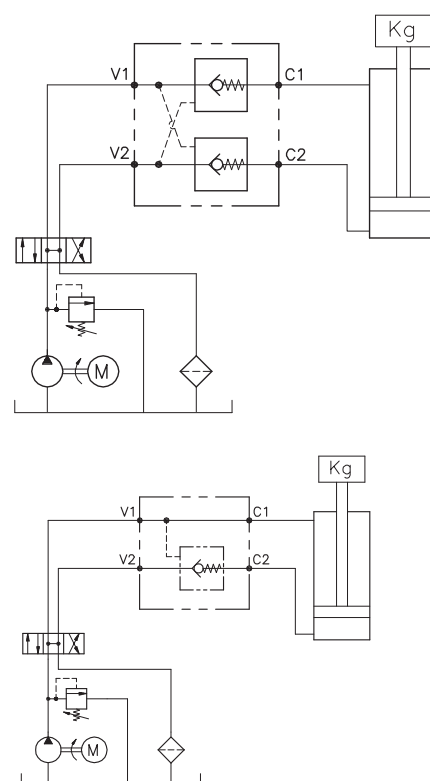


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA **PILOT CHECK VALVE**



ESEMPIO TIPICO DI CIRCUITO **TYPICAL CIRCUIT EXAMPLE**



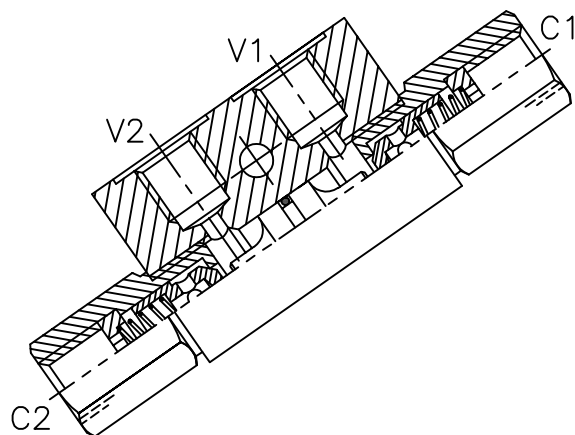
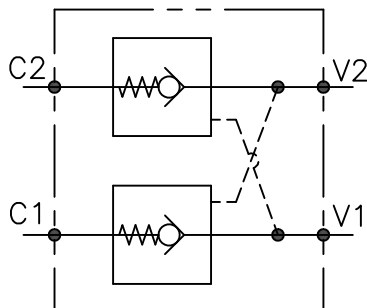
DIMENSIONI **DIMENSIONS**

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
530	1/4"	4	20 - 5,3

CODICE DI ORDINAZIONE **HOW TO ORDER**

003	530	A	0	0	.	A
Numero valvola Valve number	Tipo di valvola Valve type	Inizio apertura Cracking pressure	Materiale collettore Body material			
530	A Doppio effetto Double acting	0 3÷4 bar	Acciaio zincato Zinc plated steel			
	B Semplice effetto Single acting					

A-VNR-C-SO-DE-...-L-...



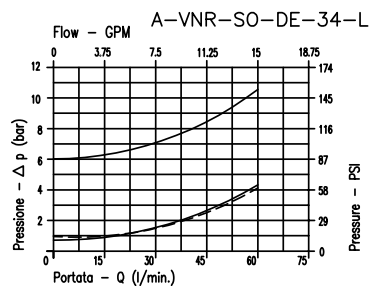
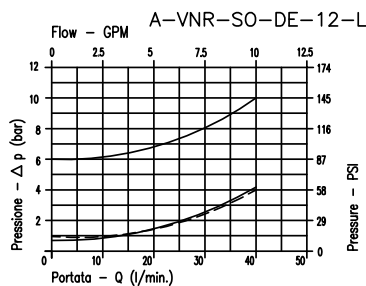
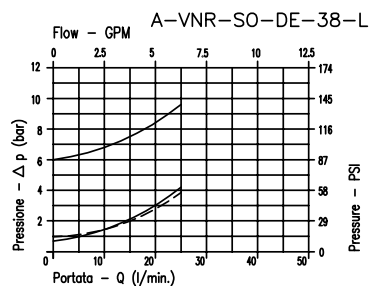
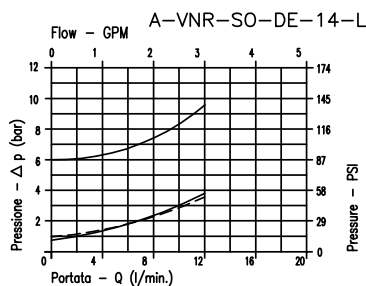
CARATTERISTICHE

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

Vedi tabella/See table
Vedi tabella/See table
350 bar 5075 PSI
Vedi tabella/See table
Vedi tabella/See table
-30°C + 50°C
-30°C + 80°C
30 + 50
Vedi tabella/See table

PERFORMANCE

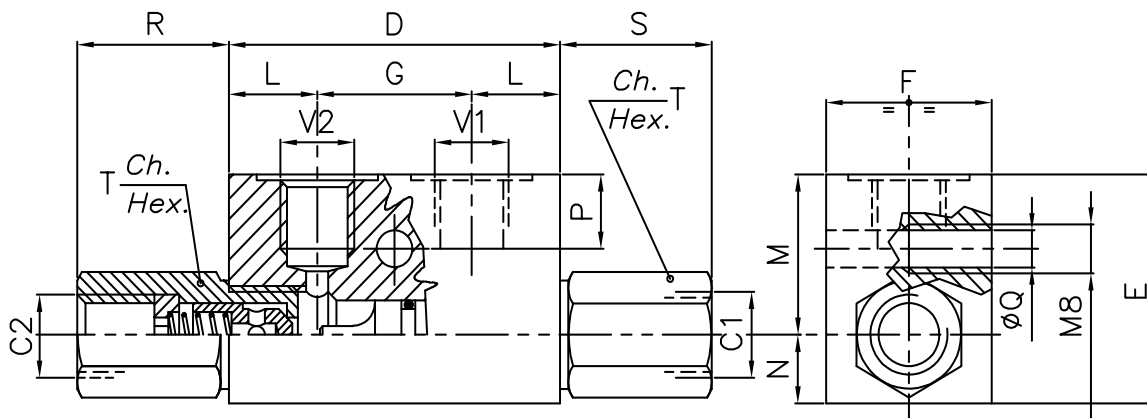
Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight



—— 8Bar Flusso libero (Free flow)
- - - 1Bar Flusso libero (Free flow)
—— Flusso pilotato (Piloted open)

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

VALVOLA DI BLOCCO A DOPPIO EFFETTO PILOTATA DOUBLE PILOT CHECK VALVE



SOLO PER VERSIONI 1/4" E 3/8" GAS / ONLY FOR 1/4" 3/8" GAS VERSION

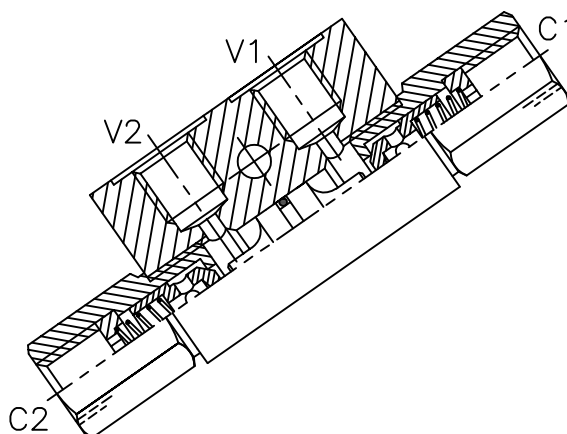
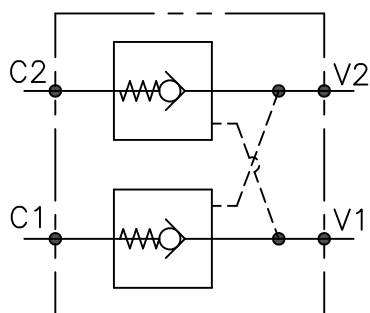
DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	D	E	F	G	L	M	N	P	Q	R	S	T	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Rapporto di pilotaggio Pilot ratio	Portata max max flow-rate l/min-GPM	Peso Weight Kg
030	64	40	30	36	14	27	13	8	6,5	27	27	22	1/4"	6	6:1	20-5.3	0.7
031	64	40	30	36	14	27	13	8	6,5	27	27	22	3/8"	8	6:1	40-10.6	0.9
032	80	50	35	38	21	34	16	15	6,5	32	26	27	1/2"	11	4:1	60-15.9	1.1
033	100	60	40	50	25	39	21	15	8,5	41	33	38	3/4"	15	3.5:1	80-21.3	2.0

CODICE DI ORDINAZIONE HOW TO ORDER

N03	031	0	W	0	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material		
030	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel		
031	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)			
003	033	0	W	0	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material		
032	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel		
033	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)			

VNR-SO-DE-...-L-...



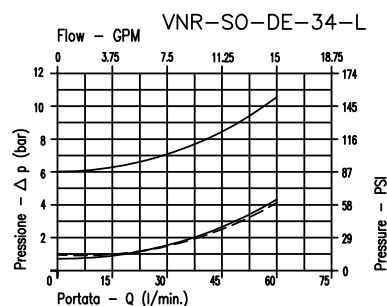
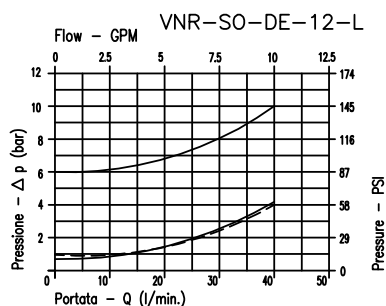
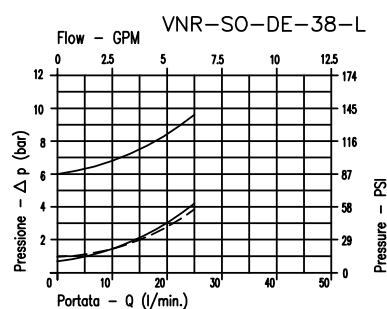
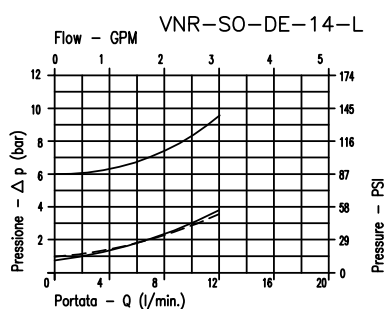
CARATTERISTICHE

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

Vedi tabella/See table
Vedi tabella/See table
350 bar 5075 PSI
Vedi tabella/See table
Vedi tabella/See table
-30°C + 50°C
-30°C + 80°C
30 + 50
Vedi tabella/See table

PERFORMANCE

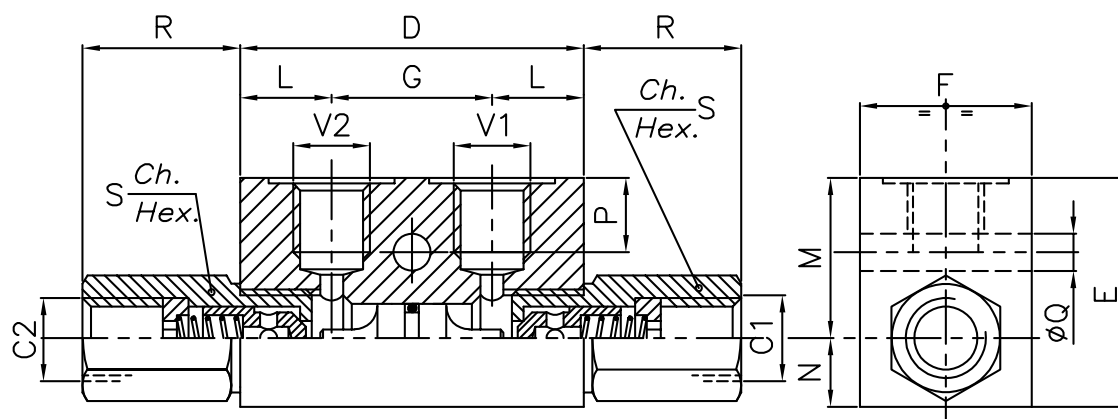
Rated size
Min/max flow-rate
Max peak pressure
Max setting pressure
Standard pilot ratio
Room temperature
Oil temperature
Recommended filtration
Weight



—— 8Bar Flusso libero (Free flow)
- - - 1Bar Flusso libero (Free flow)
—— Flusso pilotato (Piloted open)

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

VALVOLA DI BLOCCO A DOPPIO EFFETTO PILOTATA ALUMINIUM DOUBLE PILOT CHECK VALVE



DIMENSIONI DIMENSIONS

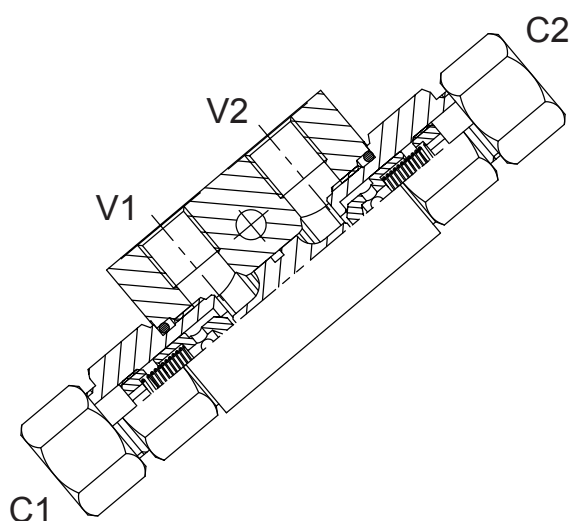
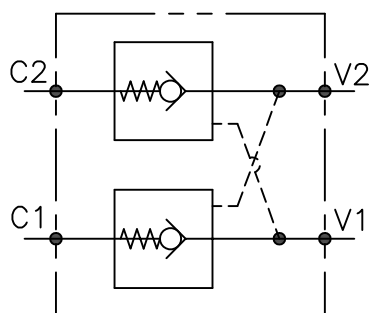
NUMERO VALVOLA VALVE NUMBER	D	E	F	G	L	M	N	P	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size DN	Rapporto di pilotaggio Pilot ratio	Portata max max flow-rate l/min-GPM	Peso Weight Kg
030	60	40	30	28	16	28	12	13	6.5	27,5	19	1/4"	6	4:1	20-5.3	0.4
031	70	50	35	38	16	35	15	15	6.5	29	24	3/8"	8	4:1	40-10.6	0.5
032	80	50	35	38	21	34	16	15	6.5	32	27	1/2"	11	4:1	60-15.9	0.6
033	100	60	40	50	25	39	21	15	8.5	41	38	3/4"	16	3.5:1	80-21.3	1.3

COLLETTORE IN ALLUMINIO ALUMINIUM BODY

CODICE DI ORDINAZIONE HOW TO ORDER

003	033	0	W	0
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure		
030	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)		
031	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)		
032				
033				

A-VNR-SO-DE-...-D-L-...



CARATTERISTICHE

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

Vedi tabella/See table

Vedi tabella/See table

350 bar 5075 PSI

6: 1

-30°C + 50°C

-30°C + 80°C

30 + 50

Vedi tabella/See table

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

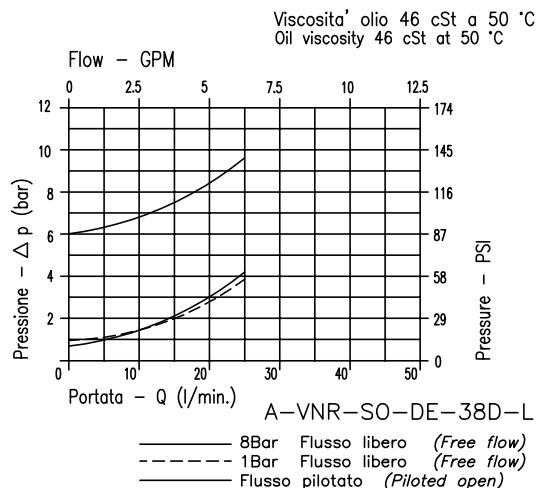
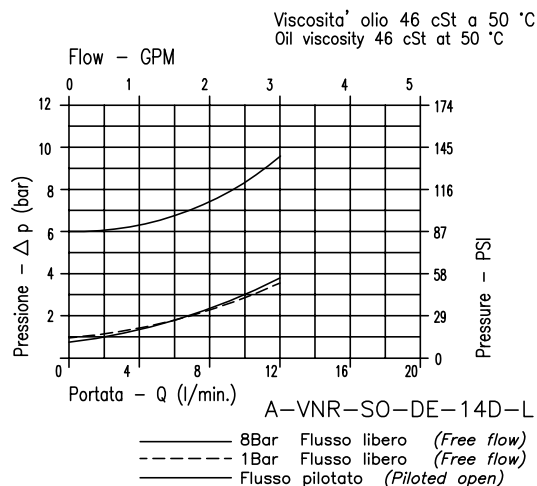
Standard pilot ratio

Room temperature

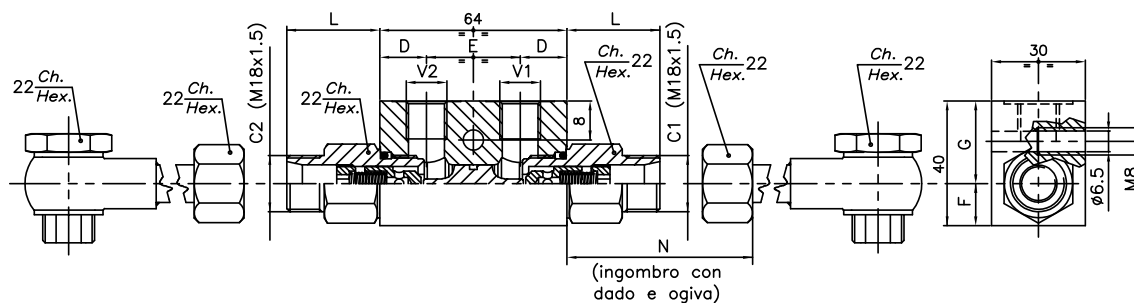
Oil temperature

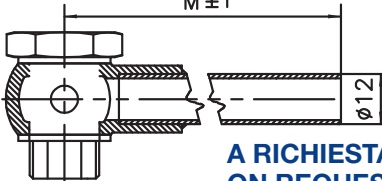
Recommended filtration

Weight



VALVOLA DI BLOCCO A DOPPIO EFFETTO PILOTATA ALUMINIUM DOUBLE PILOT CHECK VALVE



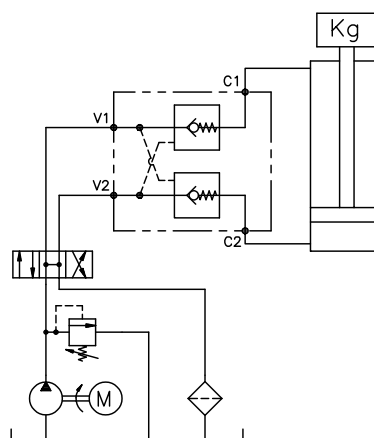


**A RICHIESTA
ON REQUEST**

CODICE KIT RUBO: Bullone, Rondelle, Occhio, Tubo.
PIPE KIT CODE: Bolt, Washers, Fitting, Pipe

KT-012-40 (M=40 mm)
KT-012-200 (M=200 mm)
KT-012-400 (M=400 mm)

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

N° VALVOLA VALVE NUMBER	SIGLA VALVOLA VALVE CODE	D	E	F	G	L	N	Attacchi Port size V1-V2 GAS (BSPP)	Luce nominale Rated size DN	Portata max max flow-rate l/min-GPM	Peso Weight Kg
252	A-VNR-SO-DE-14D-L-...	14	36	13	27	23	34	1/4"	6	20-5.3	0.7
368	A-VNR-SO-DE-38D-L-...							3/8"	8	40-10.6	0.7

CODICE DI ORDINAZIONE HOW TO ORDER

N03 252 0

003 368 0

W 0

W 0

.A

.A

D

**Pistone di pilotaggio
Pilot piston**

A O-RING sul pist. di pilotaggio
Pilot piston O-RING

O Senza O-RING sul pist. di pilotaggio
No pilot piston O-RING

**Inizio apertura
Cracking pressure**

J 1 bar

Z 3 - 4 bar

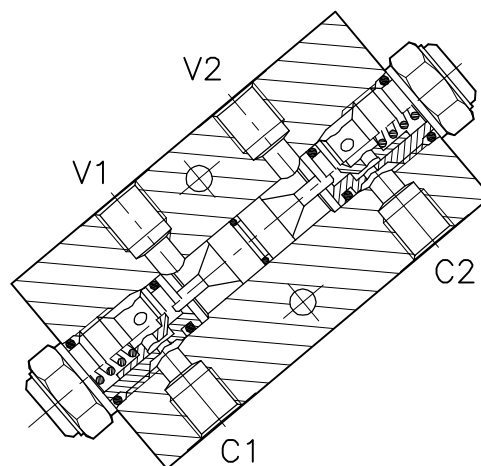
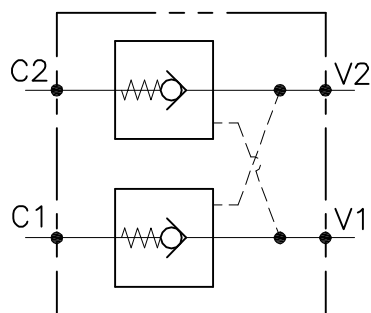
W 6 - 8 bar

**Materiale collettore
Body material**

Acciaio zincato
Zinc plated steel

Con dado e ogiva
With nut and cutting rings

Omettere per solo DIN
(senza dado e ogiva)
Omit for DIN only
(without nut and ring)



CARATTERISTICHE

Luce nominale min/max

Portata min/max

Pressione di lavoro max.

Rapporto di pilotaggio

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

Peso

Vedi tabella/See table

Vedi tabella/See table

350 bar - 5075 PSI

4 : 1

-30°C + 50°C

-30°C + 80°C

50 micron

0.981 Kg. 3/8" GAS

0.957 Kg. 1/2" GAS

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

Pilot ratio

Room temperature

Oil temperature

Recommended filtration

Weight

Weight

8Bar Flusso libero

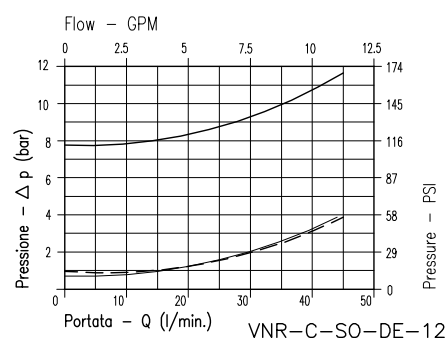
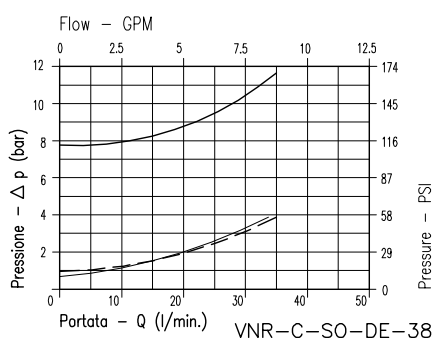
(free flow)

1Bar Flusso libero

(free flow)

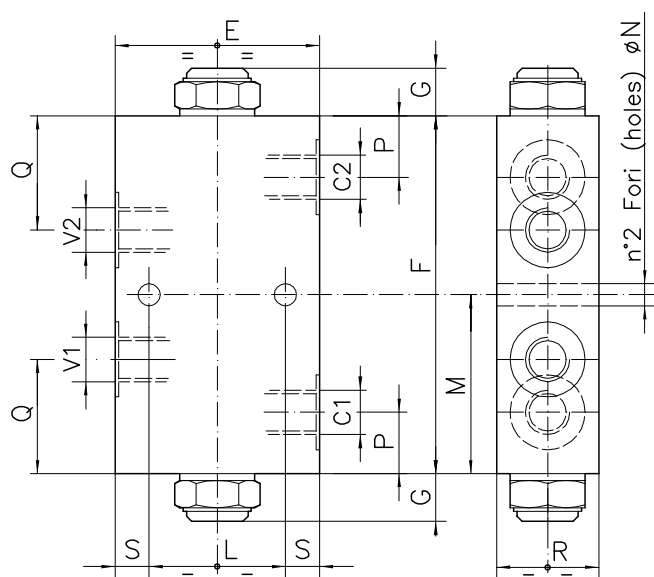
Flusso pilotato

(piloted flow)

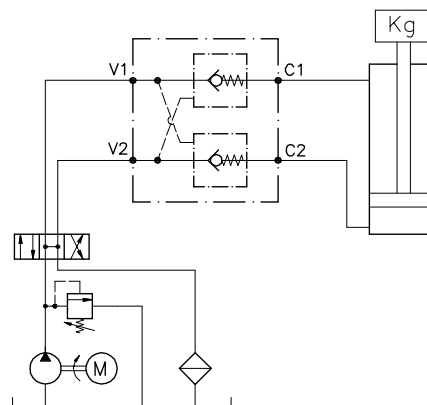


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA, A DOPPIO EFFETTO CON COLLETTORE IN LINEA DOUBLE PILOT CHECK VALVE WITH IN LINE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	E	F	G	L	M	N	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
049	70	110	18	40	55	8.5	20.5	38	35	15	3/8"	6	40-10.6
050	70	110	18	40	55	8.5	20.5	38	35	15	1/2"	8	60-15.9

CODICE DI ORDINAZIONE HOW TO ORDER

003 049 0 J 0

Numero valvola / Valve number

049

050

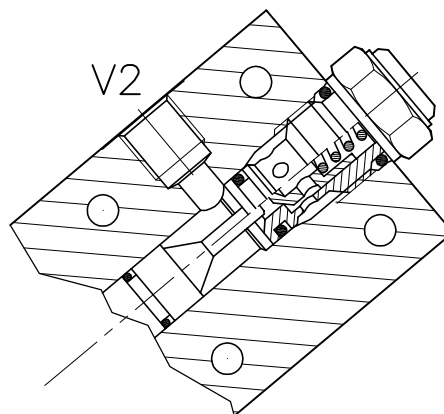
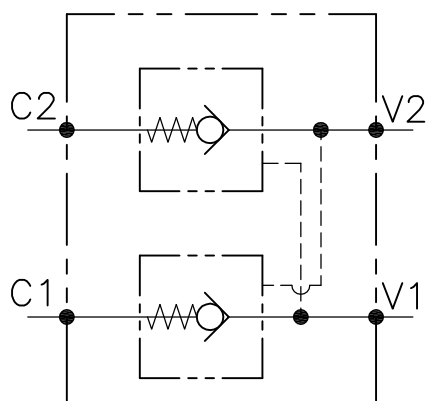
Pistone di pilotaggio
Pilot piston

- A O-RING sul pist. di pilotaggio
Pilot piston O-RING
- O Senza O-RING sul pist. di pilo-
taggio No pilot piston O-RING

Inizio apertura
Cracking pressure

- J 1 bar
Molla (colore nero)
Spring (black)
- W 6÷8 bar
Molla (colore giallo)
Spring (yellow)

VNR-C-SO-DE-...-FC2-...



CARATTERISTICHE

Luce nominale min/max

Portata min/max

Pressione di lavoro max.

Rapporto di pilotaggio

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Peso

Peso

Vedi tabella/See table

Vedi tabella/See table

350 bar - 5075 PSI

Vedi tabella/See table

-30°C + 50°C

-30°C + 80°C

50 micron

0.740 Kg. 3/8" GAS

0.724 Kg. 1/2" GAS

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

Pilot ratio

Room temperature

Oil temperature

Recommended filtration

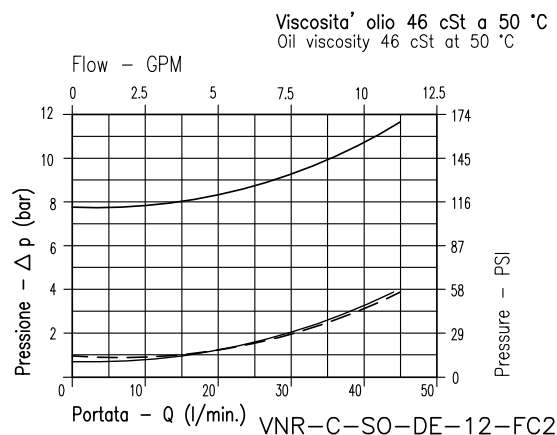
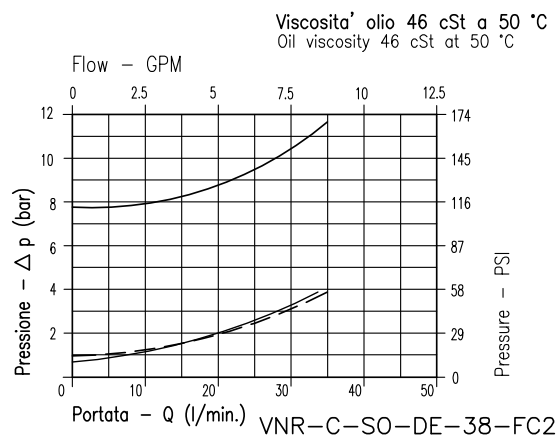
Weight

Weight

8Bar Flusso libero
(free flow)

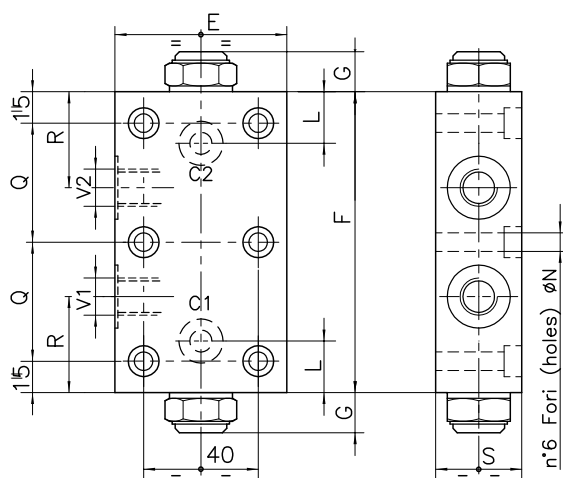
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

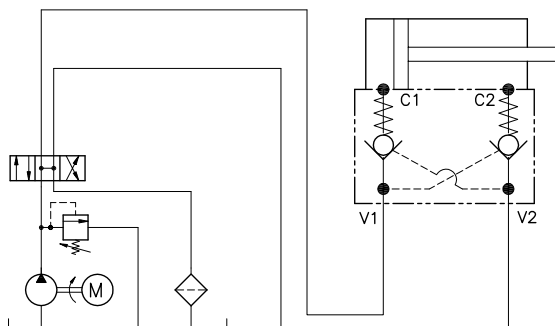


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO DOUBLE CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	E	F	G	L	M	N	Q	R	S	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Rapporto di pilotaggio Pilot Ratio	Portata max Max flow-rate l/min - GPM	Luce nominale Rated size DN
294	60	90	12	14	0	6.5	35	29	34.5	3/8"	5.4:1	40-10.6	6
349	69	110	17	22.5	0	8.5	40	38	34.5	1/2"	4:1	60-15.9	10

CODICE DI ORDINAZIONE HOW TO ORDER

003 349 0 J 0

Numero valvola / Valve number

294

349

Pistone di pilotaggio
Pilot piston

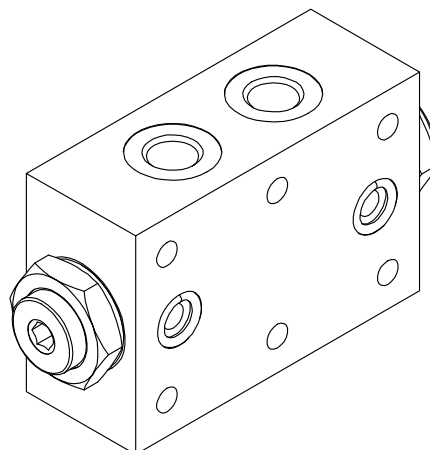
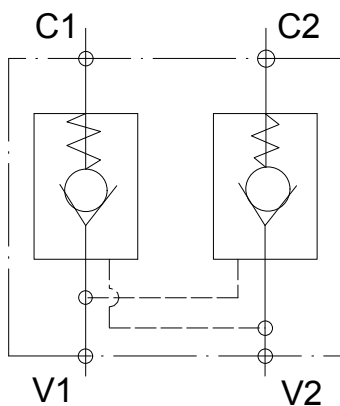
- A O-RING sul pist. di pilotaggio
Pilot piston O-RING
- O Senza O-RING sul pist. di pilotaggio
No pilot piston O-RING

Inizio apertura
Cracking pressure

- J 1 bar
Molla (colore nero)
Spring (black)
- W 6÷8 bar
Molla (colore giallo)
Spring (yellow)

Collettore in alluminio
Aluminum manifold

A-VNR-CS-DE-14-FC2-FP-W



CARATTERISTICHE

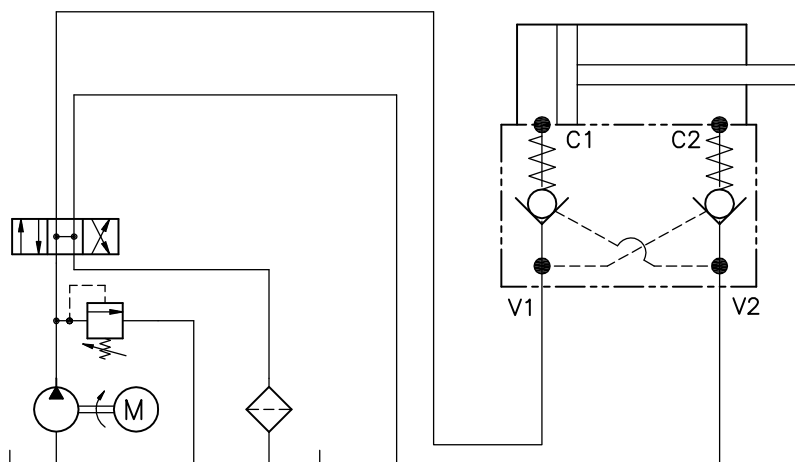
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio
Collettore in acciaio zincato

30 litri/min
350 bar
7.1:1

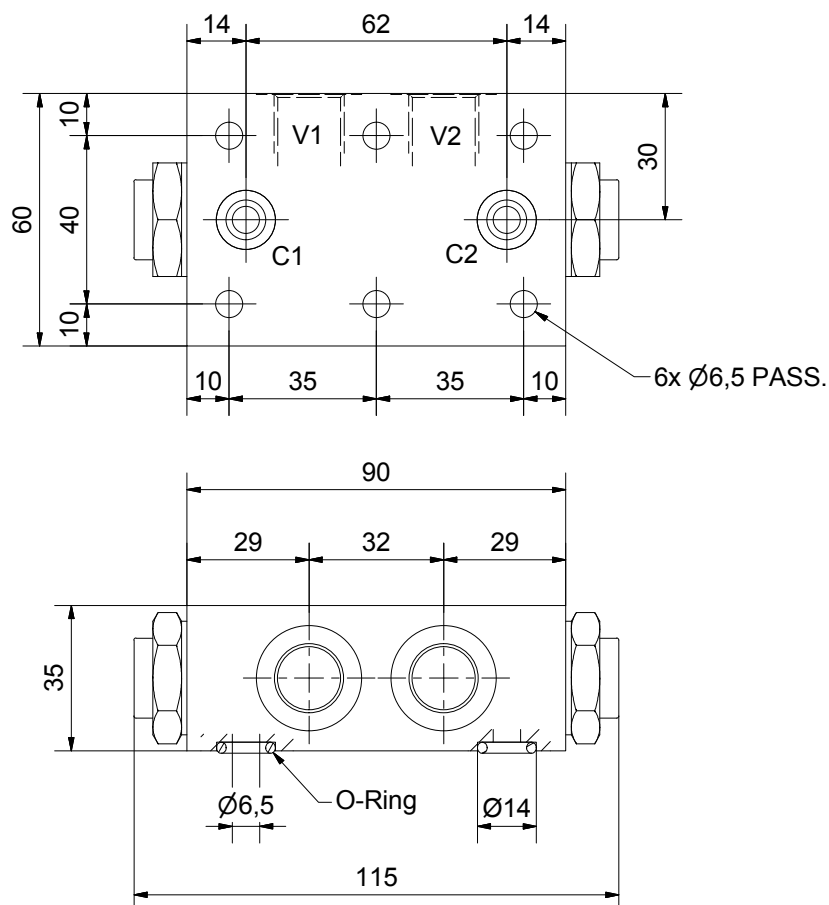
PERFORMANCE

Min/max flow-rate
Max peak pressure
Pilot ratio
Galvanized steel body

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



VALVOLA DI BLOCCO PILOTATA A CARTUCCIA, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO
DOUBLE CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



DIMENSIONI
DIMENSIONS

ATTACCHI PORTS	V1-V2	C	Rapporto pilot. Pilot ratio	Peso valvola valve weight kg
GAS/bspp	1/4"	6.5	7.1:1	1.395

CODICE DI ORDINAZIONE
HOW TO ORDER

003 514 0 W 0 . A

Pistone di pilotaggio
Pilot piston

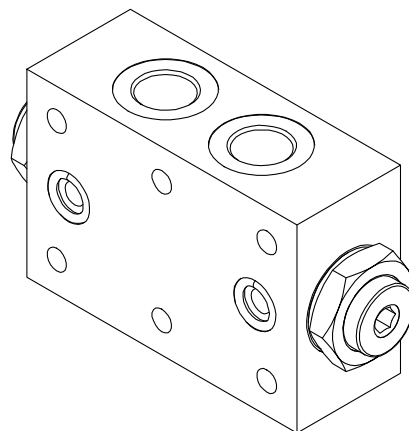
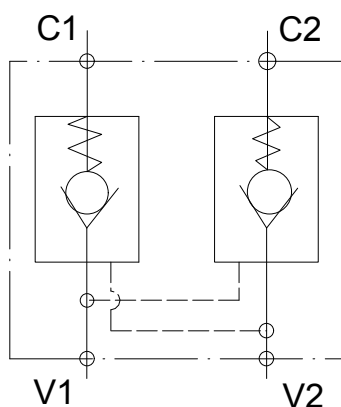
- A O-RING sul pist. di pilotaggio
Pilot piston O-RING
- O Senza O-RING sul pist. di pilotaggio
No pilot piston O-RING

Inizio apertura
Cracking pressure

- J 1 bar
Molla (colore nero)
Spring (black)
- W 6÷8 bar
Molla (colore giallo)
Spring (yellow)

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel



CARATTERISTICHE

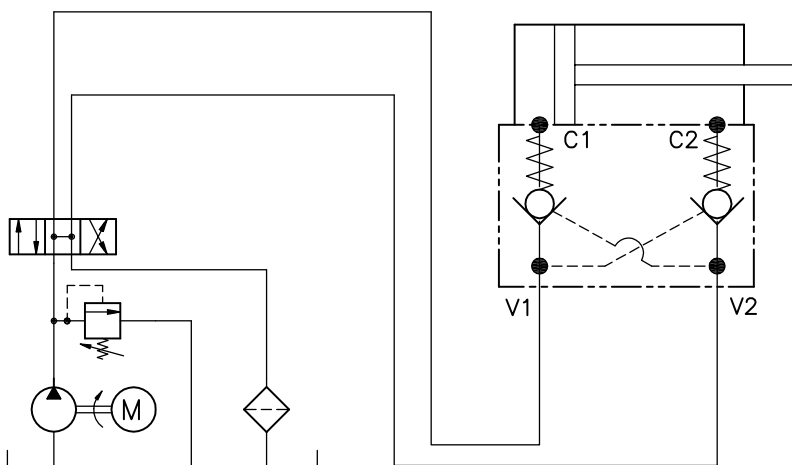
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio

40 l/min
350 bar
7:1

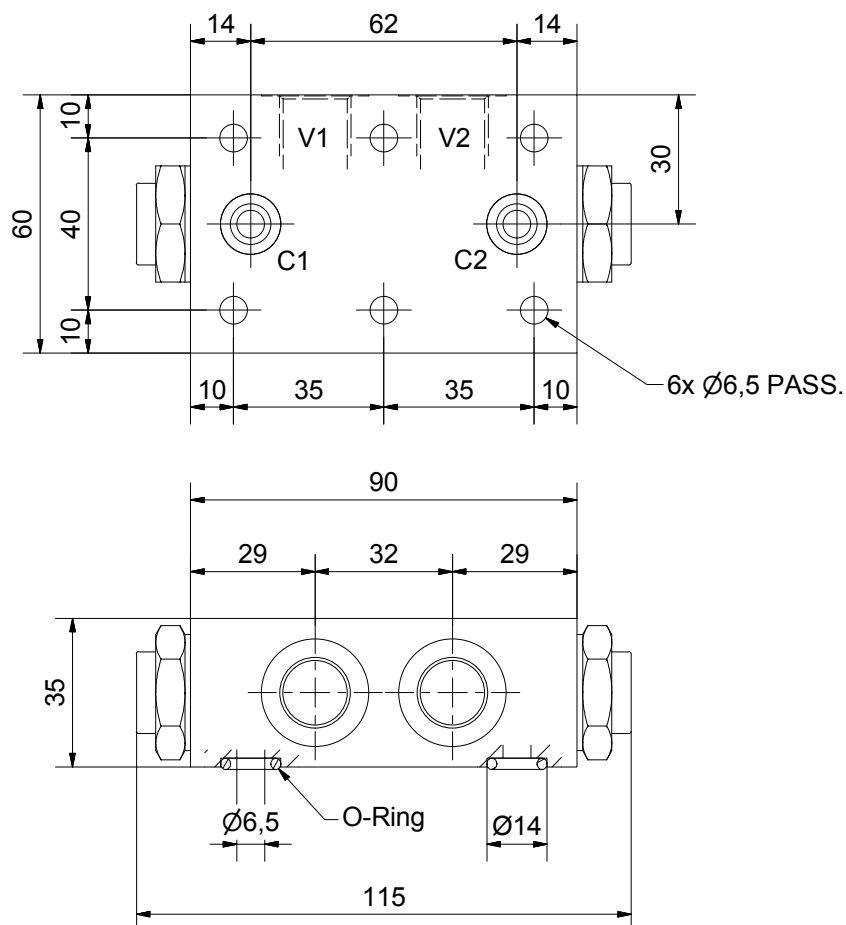
PERFORMANCE

Min/max flow-rate
Max peak pressure
Pilot ratio

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



VALVOLA DI BLOCCO PILOTATA A CARTUCCIA, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO
DOUBLE CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



DIMENSIONI
DIMENSIONS

ATTACCHI PORTS	V1-V2	C	Rapporto pilot. Pilot ratio	Peso valvola valve weight kg
GAS/bspp	3/8"	6.5	7:1	1.374

CODICE DI ORDINAZIONE
HOW TO ORDER

003 513 0 W 0 . A

Pistone di pilotaggio
Pilot piston

A	O-RING sul pist. di pilotaggio Pilot piston O-RING
O	Senza O-RING sul pist. di pilotaggio No pilot piston O-RING

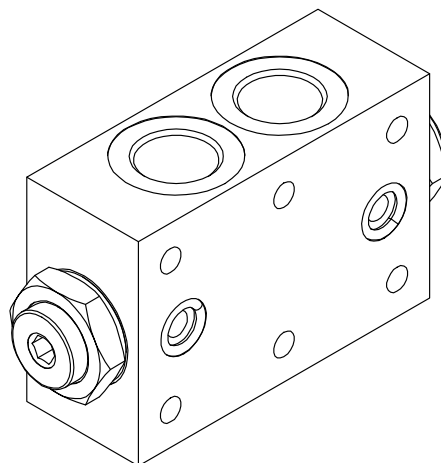
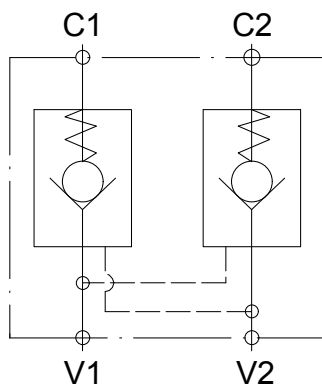
Inizio apertura
Cracking pressure

J	1 bar
W	6÷8 bar

Materiale collettore
Body material

Acciaio zincato
 Zinc plated steel

A-VNR-DE-12-FC2-FP-W



CARATTERISTICHE

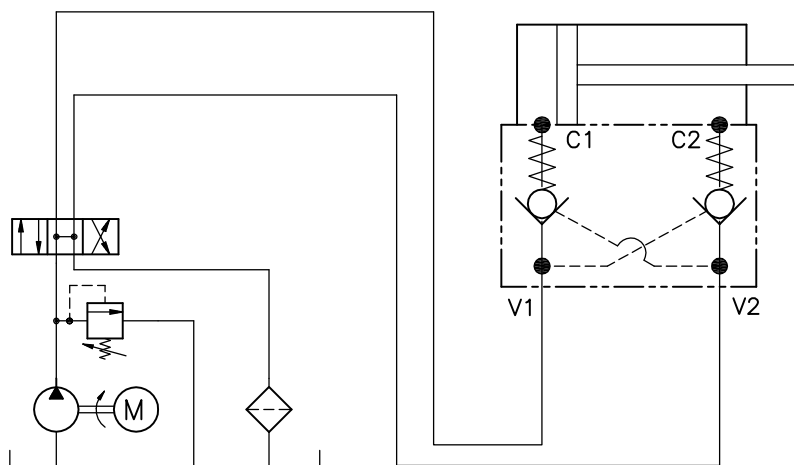
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio

40 l/min
350 bar
7.1

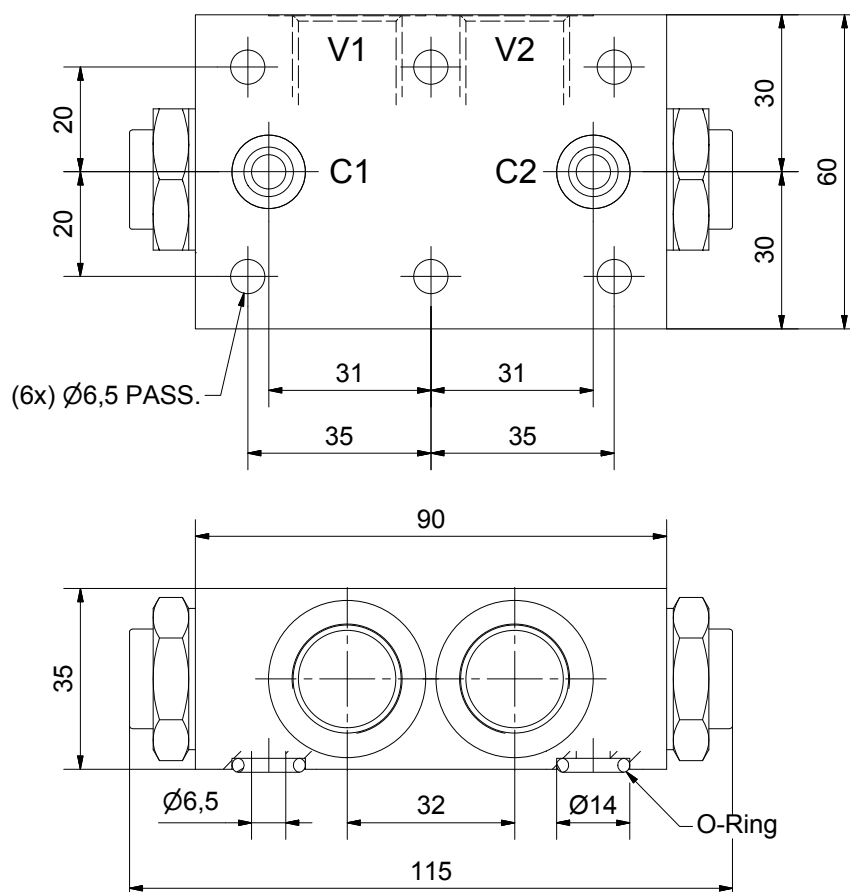
PERFORMANCE

Min/max flow-rate
Max peak pressure
Pilot ratio

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



VALVOLA DI BLOCCO PILOTATA A CARTUCCIA, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO
DOUBLE CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



DIMENSIONI
DIMENSIONS

ATTACCHI PORTS	V1-V2	C	Peso valvola valve weight kg
GAS/bspp	1/2"	6.5	1,329

CODICE DI ORDINAZIONE
HOW TO ORDER

003 515 0 W 0 . A

Pistone di pilotaggio
Pilot piston

- A O-RING sul pist. di pilotaggio
Pilot piston O-RING
- O Senza O-RING sul pist. di pilotaggio
No pilot piston O-RING

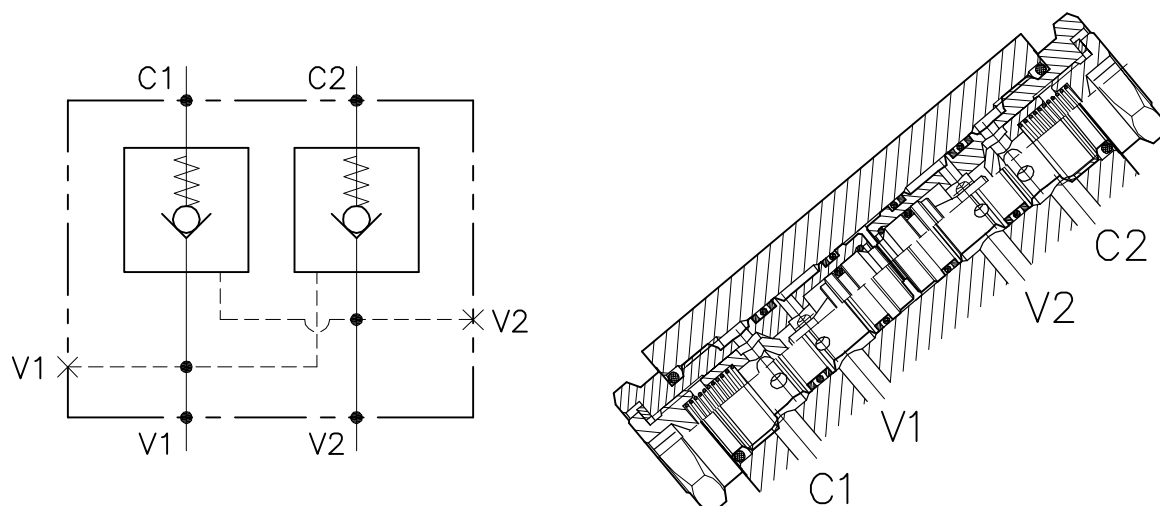
Inizio apertura
Cracking pressure

- J 1 bar
Molla (colore nero)
Spring (black)
- W 6÷8 bar
Molla (colore giallo)
Spring (yellow)

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel

VNR-C-SO-DE-50-SP-FCB-....-....

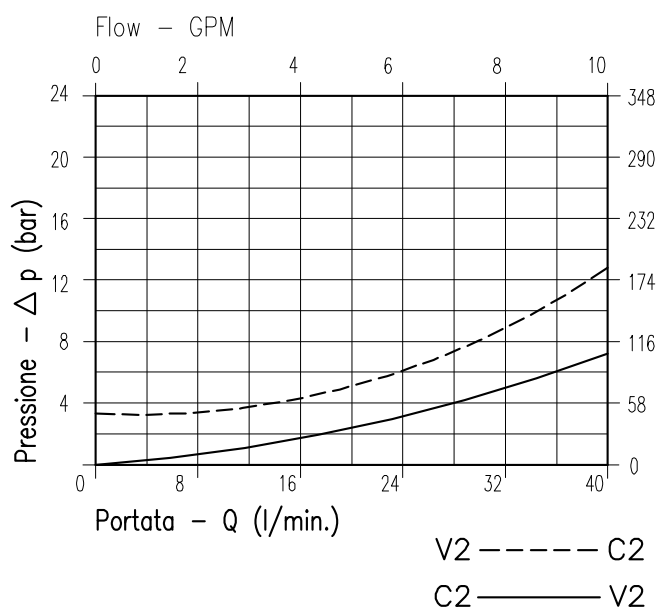


CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/45 l/min. - 0.26/11.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Rapporto di pilotaggio	3 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron
Peso	1.093 Kg 3/8" GAS
Peso	1.400 Kg 1/2" GAS

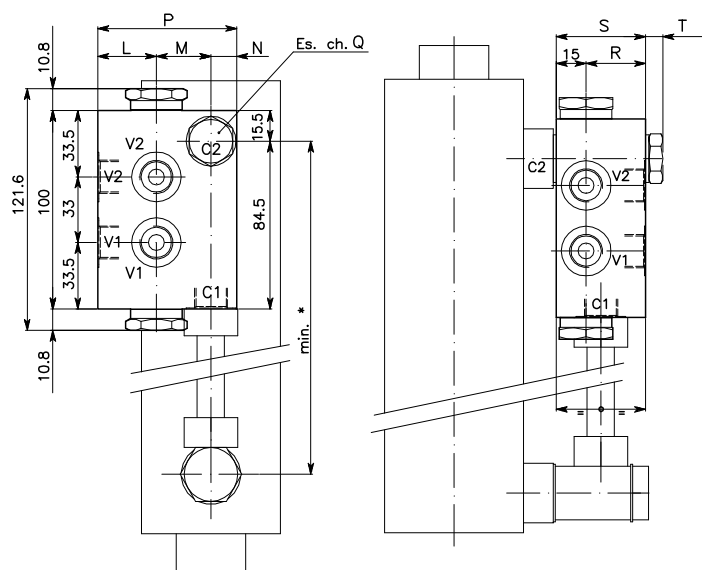
PERFORMANCE

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

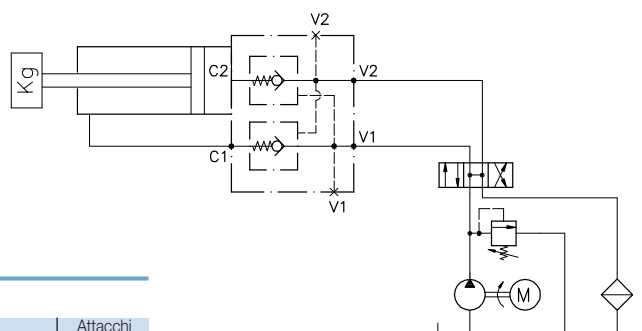


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA, A DOPPIO EFFETTO CON COLLETTORE FLANGIATO DOUBLE CARTRIDGE PILOT CHECK VALVE WITH FLANGEABLE BODY



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



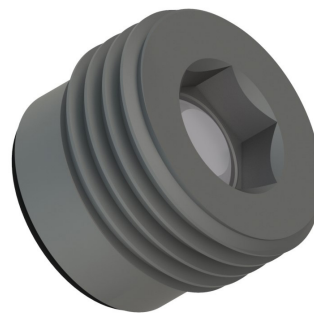
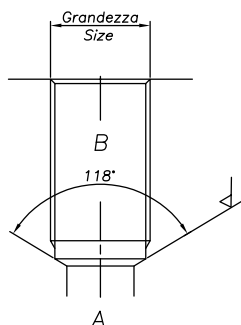
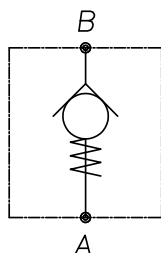
DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	L	M	N	P	Q	R	S	T	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)
232	29.5	27.5	13	70	22	30	45	9	3/8"
250	34	30	16	80	27	35	50	10	1/2"

CODICE DI ORDINAZIONE HOW TO ORDER

003	232	0	J	0
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Collettore in alluminio Aluminum manifold	
232	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)		
250	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)		

VRSR - ...



CARATTERISTICHE

Grandezza
Portata min/max
Pressione max. di picco
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso
Trafilamento interno
Pressione apertura

Vedi tabella - See table

Vedi tabella - See table

350 bar

-30°C + 50°C

-30°C + 80°C

30

Vedi tabella - See table

0.10 - 0.15 cc/min

0,5 bar

PERFORMANCE

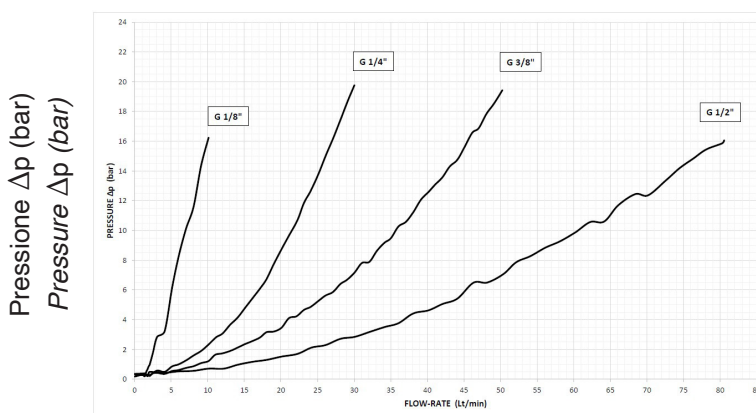
Size
Min/max flow-rate
Max peak pressure
Room temperature
Oil temperature
Recommended filtration
Weight
Internal leakage
Cracking pressure

Sono valvole unidirezionali ad inserto filettato particolarmente indicate per l'impegno nei circuiti integrati per le modeste dimensioni a la facoltà di montaggio.

Il montaggio avviene in cavità filettate con spallamento a 118° per assicurare la perfetta tenuta.

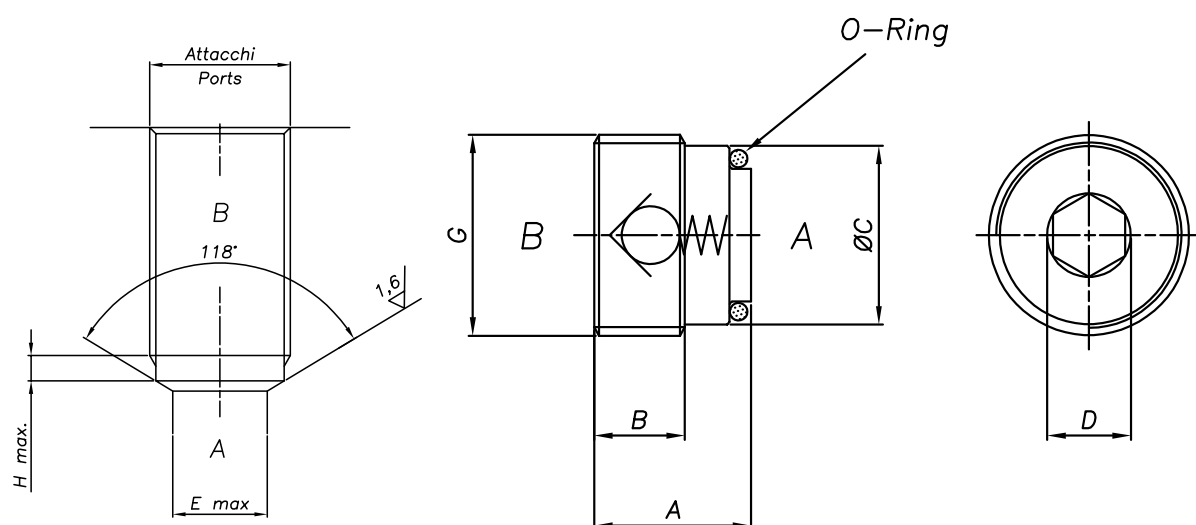
These Unidirectional valves are particularly suitable to be used in integrated circuits due to very small dimension and ease of installation. Mounting is made inside threaded cavities with shoulder at 118° to ensure perfect sealing.

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



Portata (l/min)
Flow (l/min)

VALVOLE DI RITEGNO AD INSERTO INSERT - TYPE CHECK VALVES



DIMENSIONI DIMENSIONS

N° VALVOLA VALVE NUMBER	ATTACCHI PORTS	A	B	C	D	H	E	Portata Max max flow	Coppia serraggio Tightening torque	Peso weight kg
	G	mm	mm	mm	mm	mm	mm	l/min	Nm	kg
355	1/4"GAS	10.2	5.5	11.5	6	3	7	20	15	0.007
356	3/8"GAS	11.7	7.5	14.9	8	3	9	50	30	0.015
357	1/2"GAS	13.5	7.9	18.7	10	3	12	80	40	0.023

CODICE DI ORDINAZIONE HOW TO ORDER

003 355 0 0 0

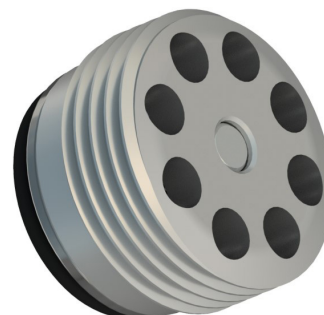
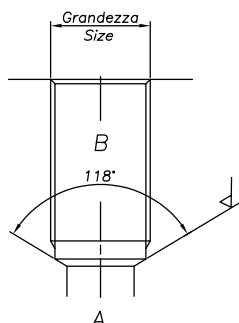
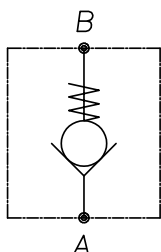
Numero valvola / Valve number

355

356

357

VRSP -



CARATTERISTICHE

Grandezza
Portata min/max
Pressione max. di picco
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso
Trafilamento interno
Pressione apertura

Vedi tabella - See table

Vedi tabella - See table

350 bar

-30°C + 50°C

-30°C + 80°C

30

Vedi tabella - See table

0.10 - 0.15 cc/min

0,5 bar

PERFORMANCE

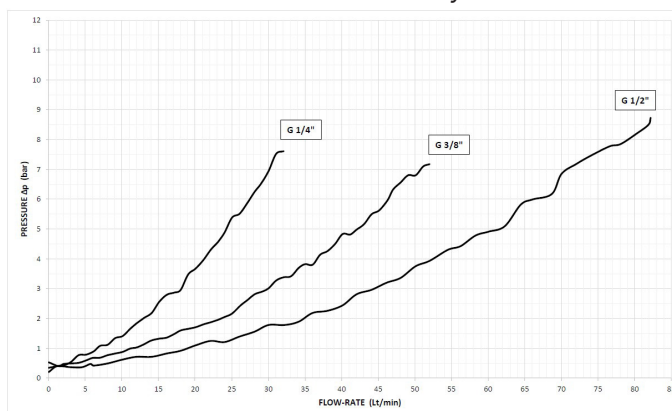
Size
Min/max flow-rate
Max peak pressure
Room temperature
Oil temperature
Recommended filtration
Weight
Internal leakage
Cracking pressure

Sono valvole unidirezionali ad inserto filettato particolarmente indicate per l'impegno nei circuiti integrati per le modeste dimensioni a la facoltà di montaggio.

Il montaggio avviene in cavità filettate con spallamento a 118° per assicurare la perfetta tenuta.

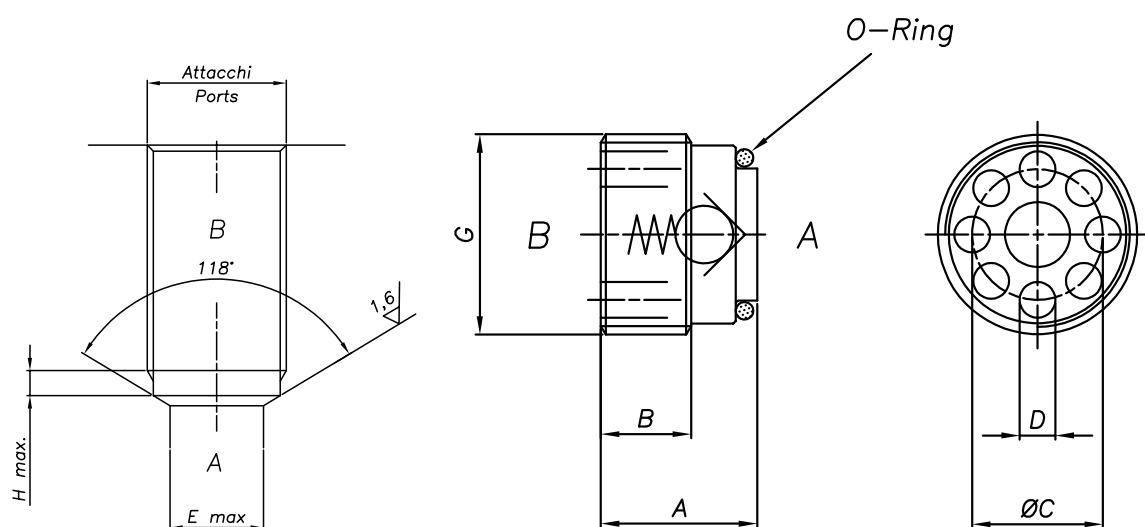
These Unidirectional valves are particularly suitable to be used in integrated circuits due to very small dimension and ease of installation. Mounting is made inside threaded cavities with shoulder at 118° to ensure perfect sealing.

Pressione Δp (bar)
Pressure Δp (bar)



Portata (l/min)
Flow (l/min)

VALVOLE DI RITEGNO AD INSERTO INSERT - TYPE CHECK VALVES



DIMENSIONI DIMENSIONS

N° VALVOLA VALVE NUMBER	ATTACCHI PORTS	A	B	C	D	H	E	Portata Max max flow	Coppia serraggio Tightening torque	Peso weight kg
	G	mm	mm	mm	mm	mm	mm	l/min	Nm	kg
295	1/4"GAS	8.5	4.4	8.4	2.2	3	7	20	15	0.005
286	3/8"GAS	11.3	6	11.1	3	3	9	50	30	0.011
287	1/2"GAS	12.7	6.5	13.5	3.8	3	12	80	30	0.019

CODICE DI ORDINAZIONE HOW TO ORDER

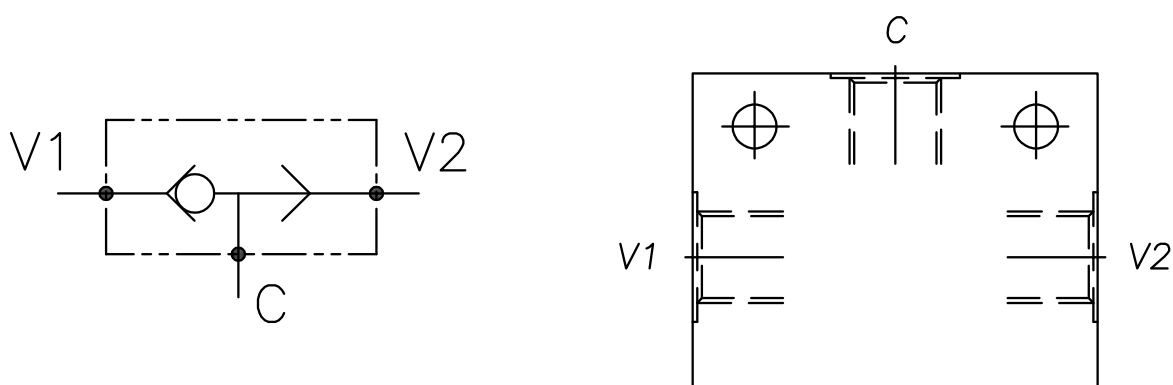
003 295 0 0 0

Numero valvola / Valve number

295

286

287



CARATTERISTICHE

Portata min/max
Pressione max. di picco
Temperatura ambiente
Temperatura olio
Filtraggio consigliato
Peso

Vedi tabella - See table

350 bar 5075 PSI

-30°C + 50°C

-30°C + 80°C

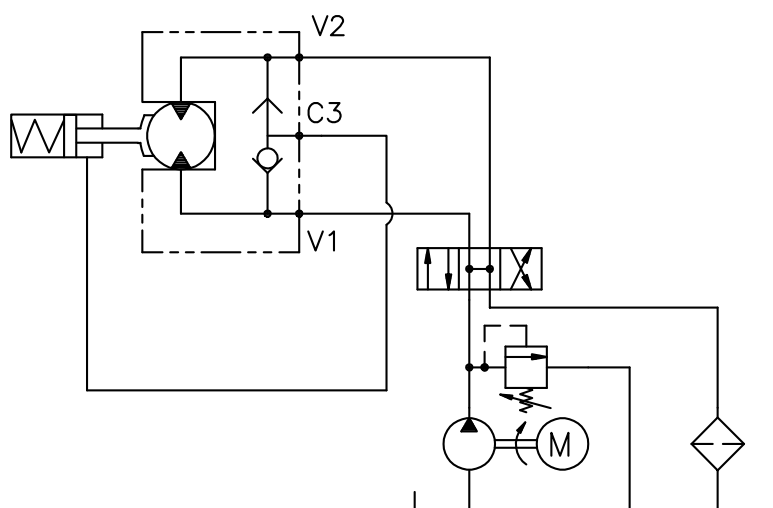
30 + 50

Vedi tabella - See table

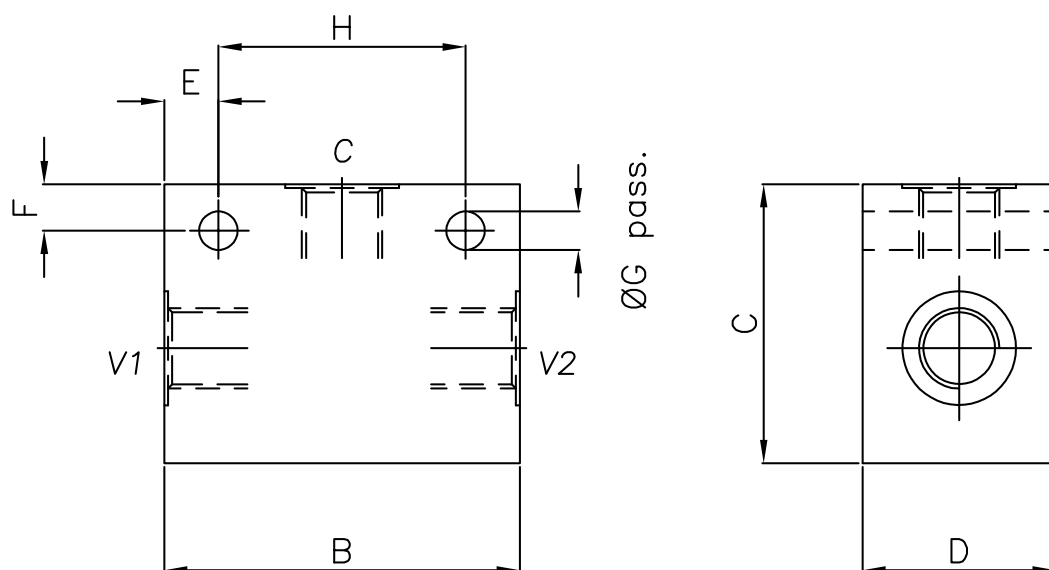
PERFORMANCE

Min/max flow-rate
Max peak pressure
Room temperature
Oil temperature
Recommended filtration
Weight

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



VALVOLA SELETTRICE SHUTTLE VALVE



DIMENSIONI DIMENSIONS

N° VALVOLA VALVE NUMBER	DESCRIZIONE DESCRIPTION	B	C	D	E	F	G	H	Attacchi Port size V1-V2-C GAS	Portata Max max flow	Peso weight kg
055	VFF-14	52	35	25	9	8	6.5	34	1/4"	20-5.3	0.30
230	VFF-38	60	40	25	8	8	6.5	44	3/8"	40-10.5	0.35
231	VFF-12	70	50	30	10	10	8.5	50	1/2"	60-15.8	0.67

CODICE DI ORDINAZIONE HOW TO ORDER

003 231 0 0 0 . A

Numero valvola / Valve number

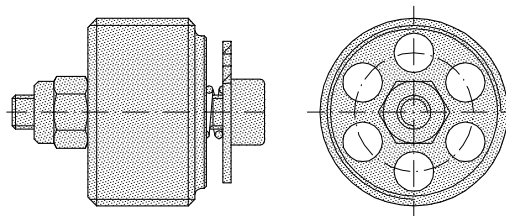
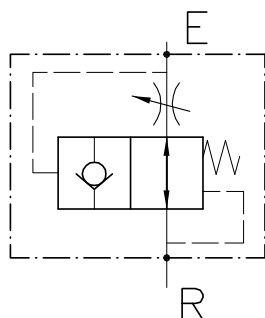
055

230

231

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel



CARATTERISTICHE

Grandezza	Vedi tabella/See table
Portata max	Vedi tabella/See table
Pressione max.	350 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30-50 micron
Peso	Vedi tabella/See table

PERFORMANCE

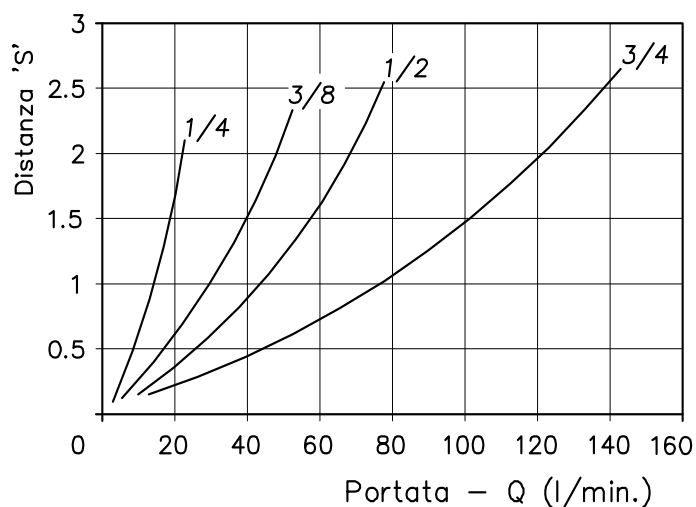
Size
Max flow
Max pressure
Room temperature
Oil temperature
Recommended filtration
Weight

Questa valvole sono in grado di bloccare il libero deflusso dell'olio da un attuatore destinato a sorreggere carichi elevati se, a causa della rottura di una tubazione di alimentazione, viene a mancare la contropressione idraulica. Vengono avvitate direttamente sull'utilizzo oppure su un manicotto da montare in linea vicinissimo all'attuatore. Si raccomanda l'uso di una valvola regolatrice di flusso a valle di queste valvole, la distanza "S" deve corrispondere ad una portata di almeno 50% superiore al flusso regolato. La valvola può essere fornita:

- con apertura "S" standard o a richiesta
- con eventuale foro su piattello di tenuta per discesa lenta a valvola chiusa (foto a richiesta)

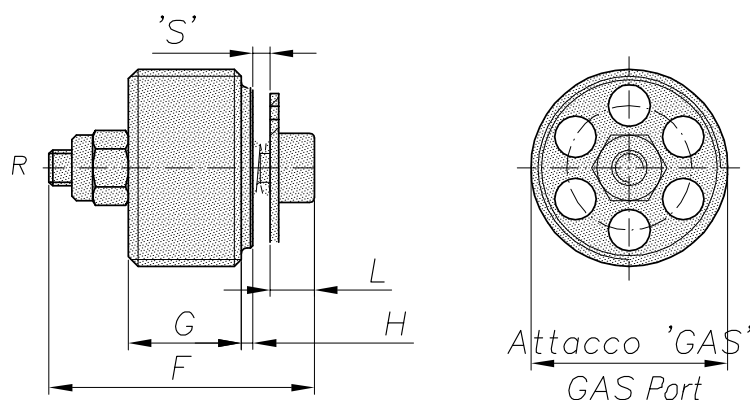
The valves block the oil discharged by an actuator holding heavy loads in case the load lowering speed exceeds the medium acceptable speed, for example in case of hose failure. The valves should be screwed either directly on the actuator or on the in-line manifold, mounted as close as possible to the actuator. It is recommended to fit a flow regulator downstream the hose burst valve and the "S" distance should be at least 50% higher than the regulated flow. The valve can feature:

- an "S" length (standard value or optional value)
- a hole on the sealing plate for the slow lowering with valve closed (picture available upon request)



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

VALVOLA DI BLOCCO DI SICUREZZA PER TUBAZIONI
HOSE BURST PROTECTION, INSERT-TYPE



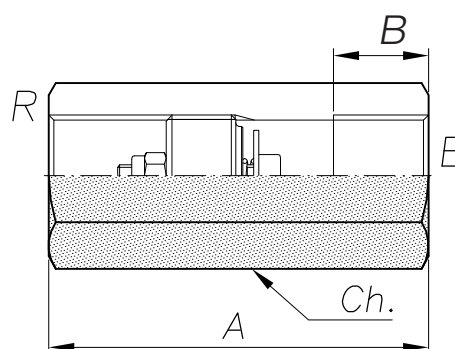
CODICE DI ORDINAZIONE
ORDERING CODE

CODICE ORDINAZIONE ORDERING CODE	F	G	H	L	Attacchi port size GAS	Luce nominale rated size DN	Portata Max max flow l/min	Peso weight kg	Coppia serraggio Tightening Torque Nm
003.059.000	19	6	2	4.5	1/4"	6	25-5.5	0.01	4
003.060.000	23	9	2	5	3/8"	8	45-9.9	0.015	5
003.061.000	29	11	2	6	1/2"	11	70-15.4	0.025	8
003.062.000	34	16	2	6	3/4"	16	140-30.8	0.01	10

COLONNETTE CON VALVOLE "VP"
SLEEVES WITH "VP" VALVES

FEMMINA-FEMMINA
FEMALE-FEMALE

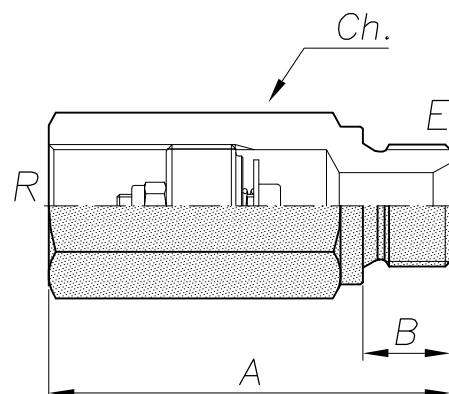
CODICE ORDINAZIONE ORDERING CODE	A	B	Ch	Attacchi port size GAS (BSPP)	Peso weight kg
003.067.000	59	15	19	1/4"	0.07
003.068.000	64	17	22	3/8"	0.095
003.069.000	73	18	27	1/2"	0.145
003.070.000	76	20	32	3/4"	0.22



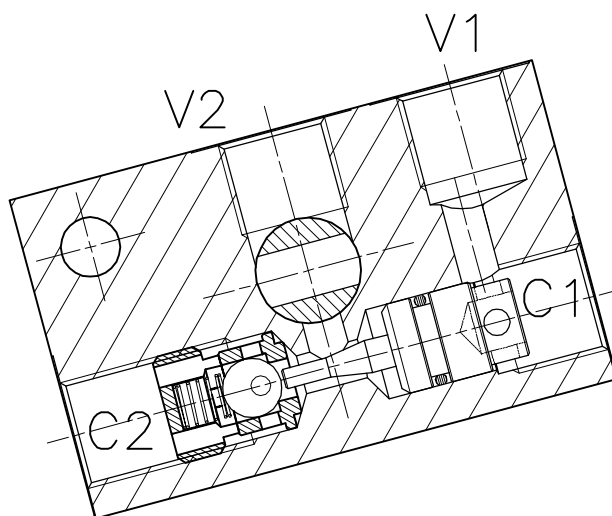
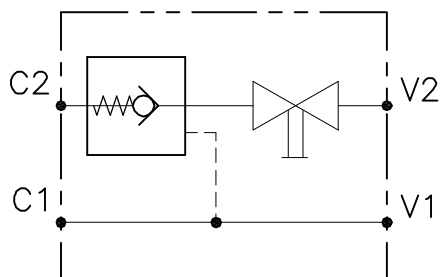
COLONNETTE CON VALVOLE "VP"
SLEEVES WITH "VP" VALVES

MASCHIO-FEMMINA
MALE-FEMALE

CODICE ORDINAZIONE ORDERING CODE	A	B	Ch	Attacchi port size GAS (BSPP)	Peso weight kg
003.063.000	50	12	19	1/4"	0.07
003.064.000	60	13	22	3/8"	0.095
003.065.000	62	14	27	1/2"	0.145
003.066.000	75	16	32	3/4"	0.22



VRC-SE-OIL-...-D-S



CARATTERISTICHE

Luce nominale
Portata max
Pressione di lavoro max.
Rapporto di pilotaggio
Temperatura ambiente
Temperatura olio
Filtraggio consigliato

DN 8

Vedi tabella/See table

350 bar - 5075 PSI

Vedi tabella/See table

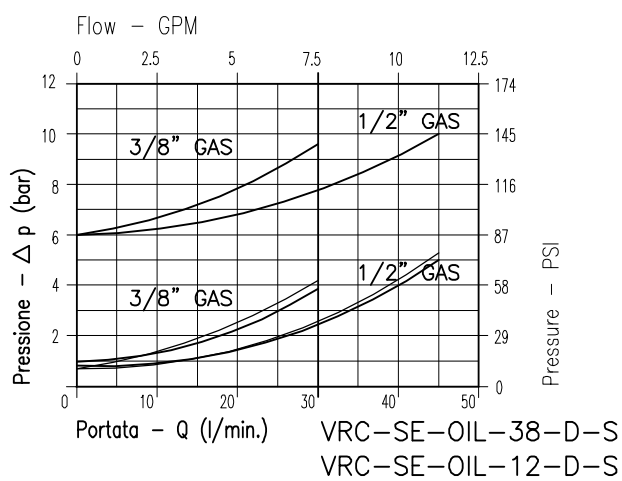
-30°C + 50°C

-30°C + 80°C

50 micron

PERFORMANCE

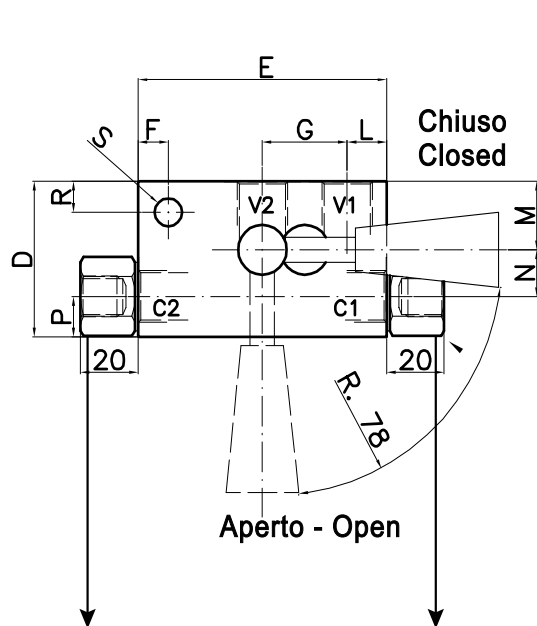
Rated size
Max flow-rate
Max working pressure
Pilot ratio
Room temperature
Oil temperature
Recommended filtration



- 8Bar Flusso libero (free flow)
- 1Bar Flusso libero (free flow)
- Flusso pilotato (piloted flow)

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

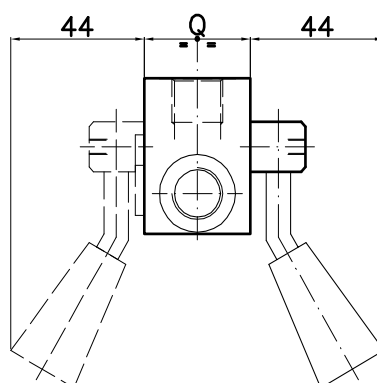
VALVOLA DI BLOCCO PILOTATA CON RUBINETTO DI SICUREZZA PILOT OPERATED CHECK VALVE WITH MANUAL SHUT-OFF



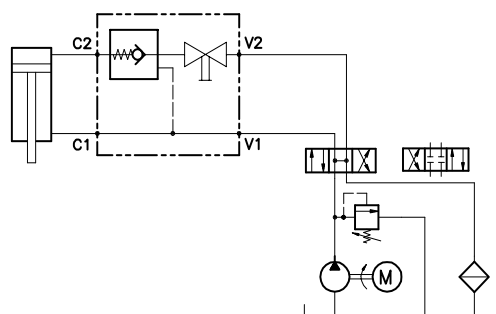
Raccordi solo per versione 341
Fittings only for 341 model

Versione SINISTRA
LEFT version
(Y)

Versione DESTRA
RIGHT version
(X)



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	D	E	F	G	L	M	N	P	Q	R	S	PORTATA FLOW-RATE L/min	ATTACCHI PORT SIZE V-C	RAPPORTO DI PILOTAGGIO PILOT RATIO
297	50	82	10	28	13	30	20	13	35	10	9	30	3/8"-3/8"	5.4:1
348	65	90	10	35	15	30	20	15	35	10	9	45	1/2"-1/2"	3.2:1

CODICE DI ORDINAZIONE HOW TO ORDER

003 297 0 X 0 . A

Numero valvola / Valve number

297

348

Tipo
Type

X DESTRA
RIGHT

Y SINISTRA
LEFT

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel

297

348

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