

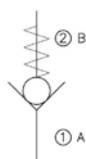


VALVOLE
DI BLOCCO

CHECK
VALVES

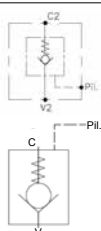
REV.06/2023





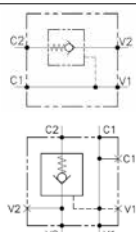
VALVOLE A CARTUCCIA CARTRIDGE VALVES

p. 174-193



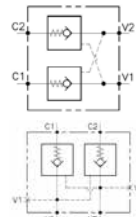
VALVOLE A CARTUCCIA PILOTATE CARTRIDGE PILOT VALVES

p. 194-205



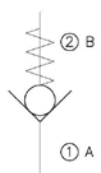
VALVOLE CON COLLETTORE A SEMPLICE EFFETTO VALVES WITH SINGLE ACTING BODY

p. 206-213



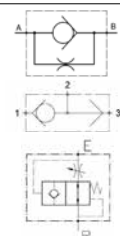
VALVOLE CON COLLETTORE A DOPPIO EFFETTO VALVES WITH DOUBLE ACTING BODY

p. 214-235



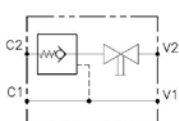
VALVOLE DI BLOCCO AD INSERTO INSERT-TYPE CHECK VALVES

p. 236-241



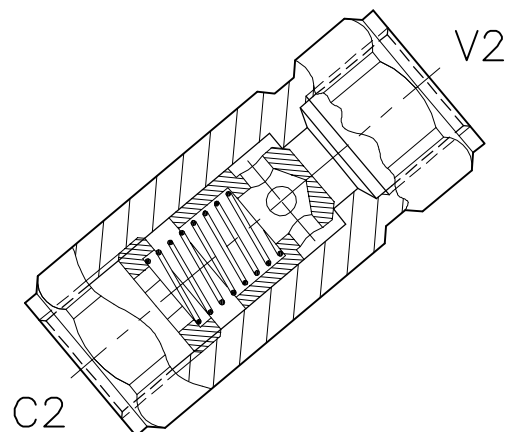
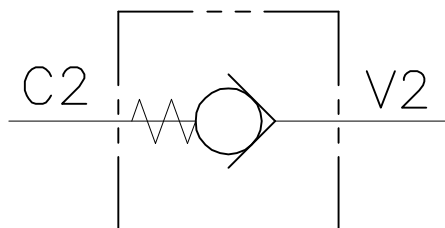
VALVOLE CON FUNZIONE SPECIALE SPECIAL FUNCTION VALVES

p. 242-249



VALVOLE CON RUBINETTO DI SICUREZZA VALVES WITH MANUAL SHUT-OFF

p. 250-251



CARATTERISTICHE

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

Vedi pag. successiva / See next page

Vedi pag. successiva / See next page

250 / 350

-30°C + 50°C

-30°C + 80°C

30+60

Vedi pag. successiva / See next page

PERFORMANCE

Rated size

Max flow-rate

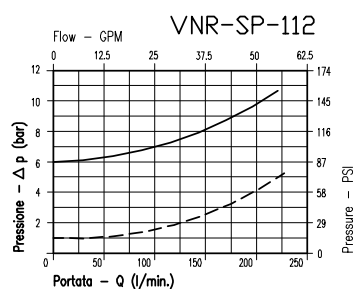
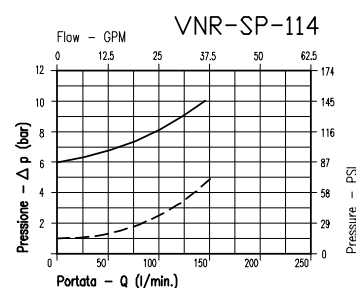
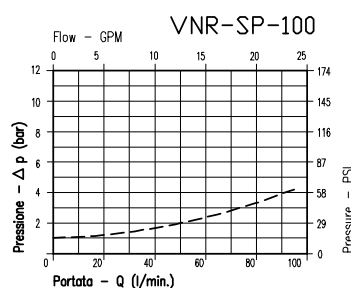
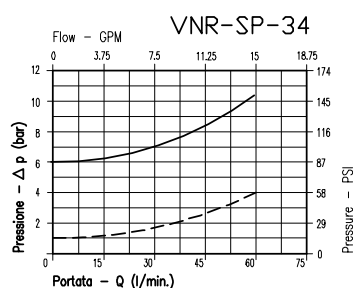
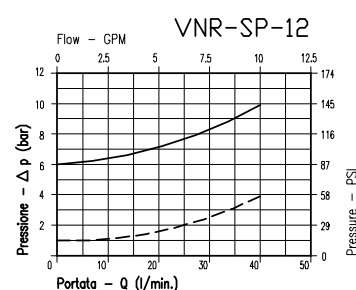
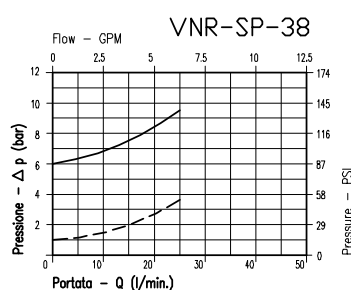
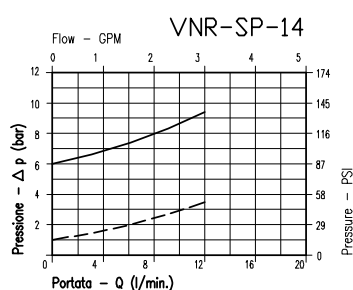
Max working pressure

Room temperature

Oil temperature

Recommended filtration

Weight

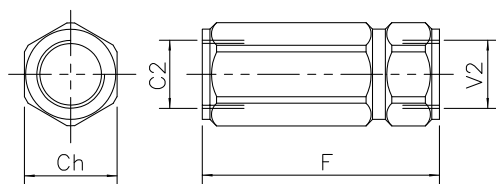


— VNR/SP-... 6÷8 Bar
- - - - VNR/SP-... 1 Bar

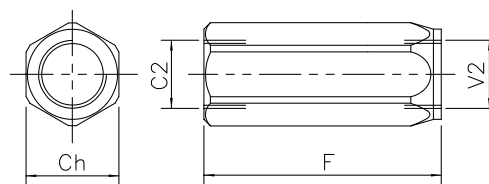
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

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

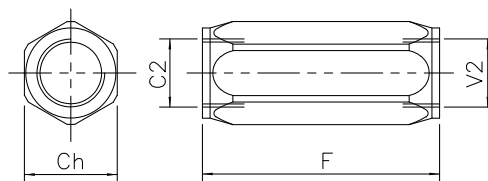
(1/4" - 3/8" - 3/4" - 1")



(1/2" - 1 1/4")



(1 1/2")



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	61	3/8"	8	40	0,16
018	27	75	1/2"	11	60	0,31
019	36	92	3/4"	16	60	0,50
020	41	110	1"	20	120	0,75
001	55	135	1 1/4"	25	160	1,75
002	60	135	1 1/2"	30	250	1,90

CODICE DI ORDINAZIONE HOW TO ORDER

003 016 0 J 0

Numero valvola / Valve number

016

017

018

019

020

001

002

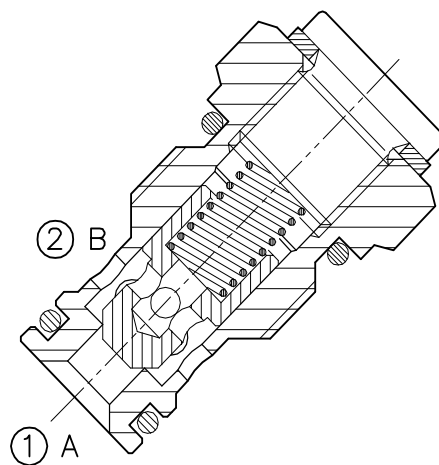
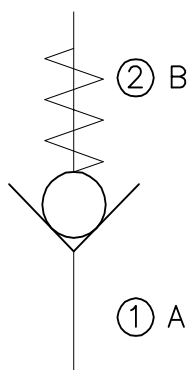
Inizio apertura
Cracking pressure

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 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

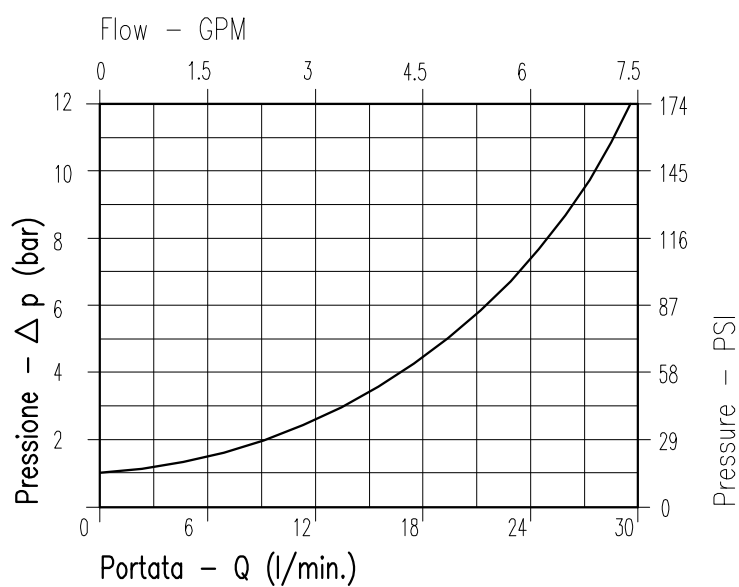
Room temperature

Oil temperature

Recommended filtration

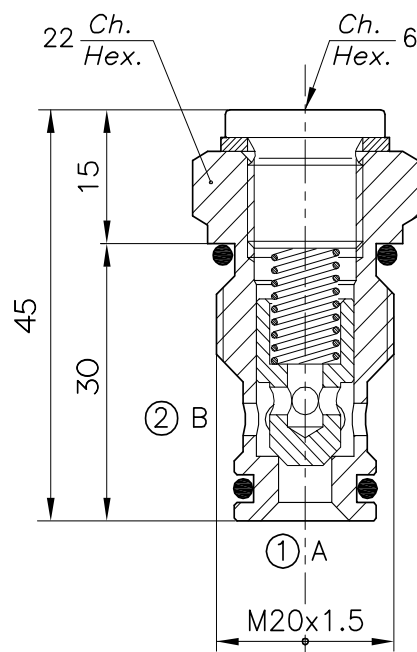
Tightening torque

Weight

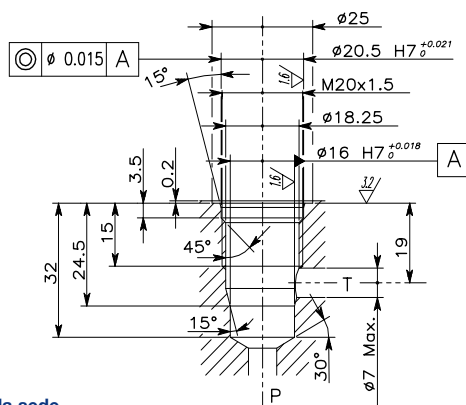


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



CAVITA'
CAVITY CE.013.L



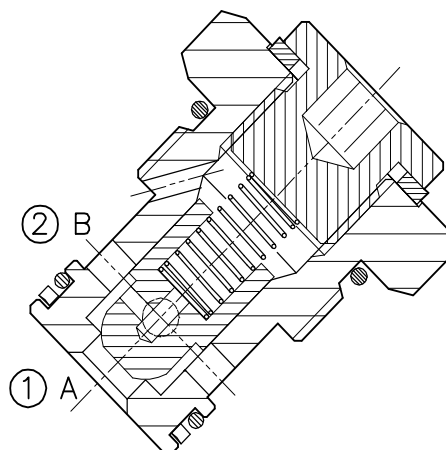
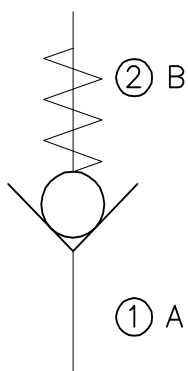
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

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-....

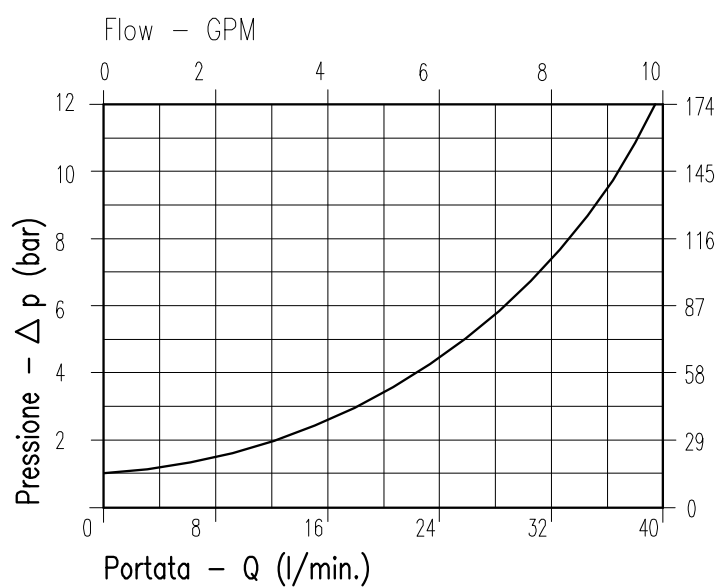


CARATTERISTICHE

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

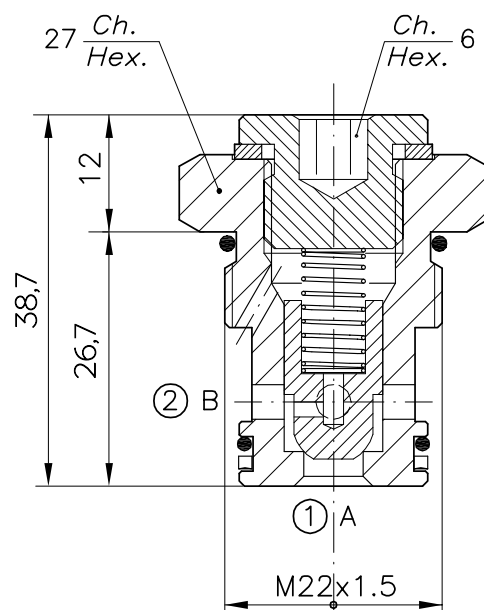
PERFORMANCE

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

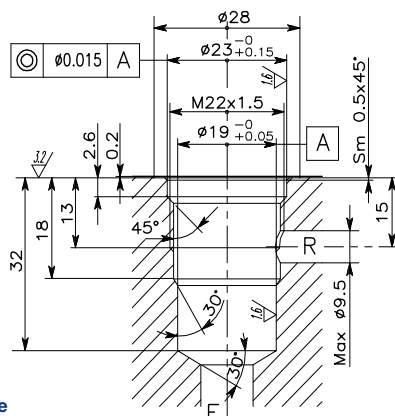


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



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

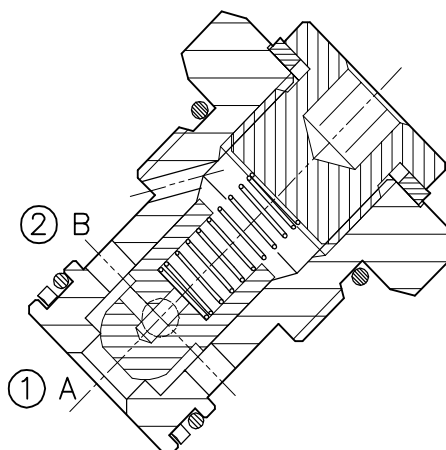
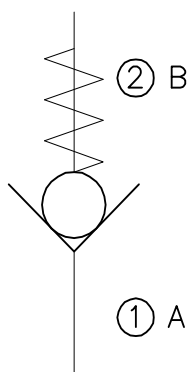


Si raccomanda l'esatta esecuzione della sede
 The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE
HOW TO ORDER

003 034 0 J 0

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

1/30 l/min - 0.26/7.9 GPM

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

50 micron

75÷87 Nm

0.100 Kg

PERFORMANCE

Rated size

Min/max flow-rate

Max working pressure

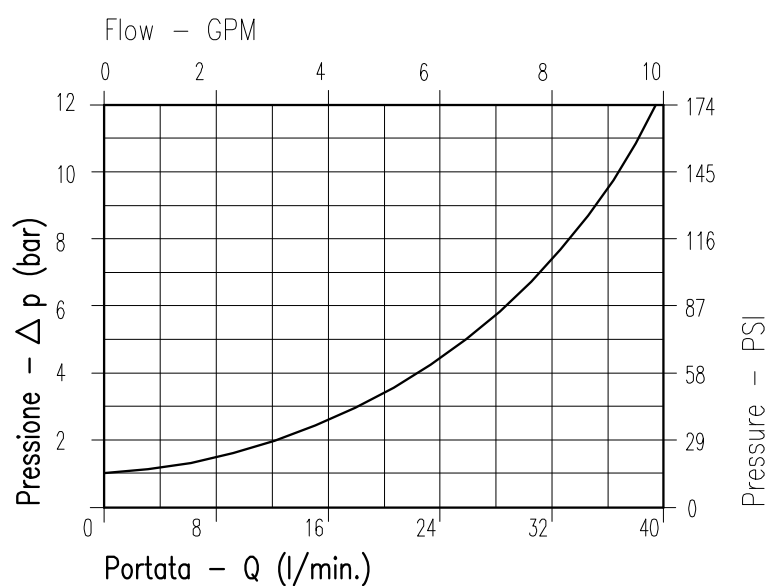
Room temperature

Oil temperature

Recommended filtration

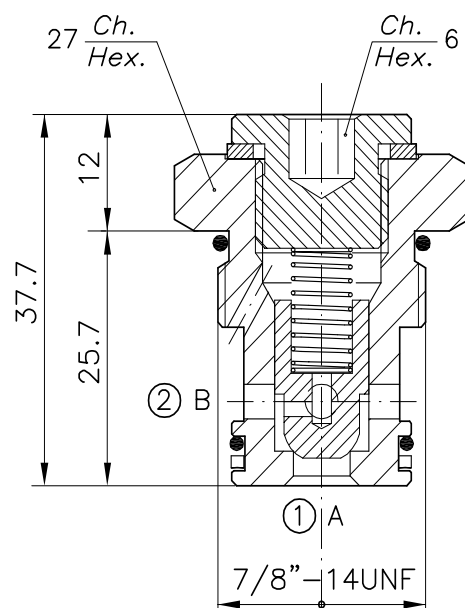
Tightening torque

Weight

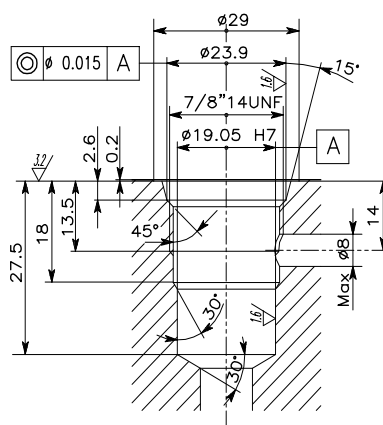


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



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



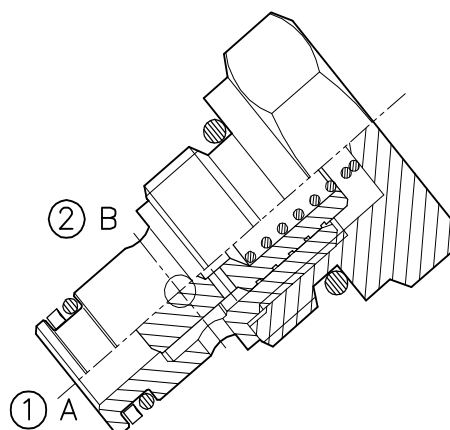
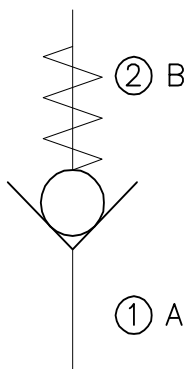
Si raccomanda l'esatta esecuzione della sede
 The valve seat should be perfectly tooled

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

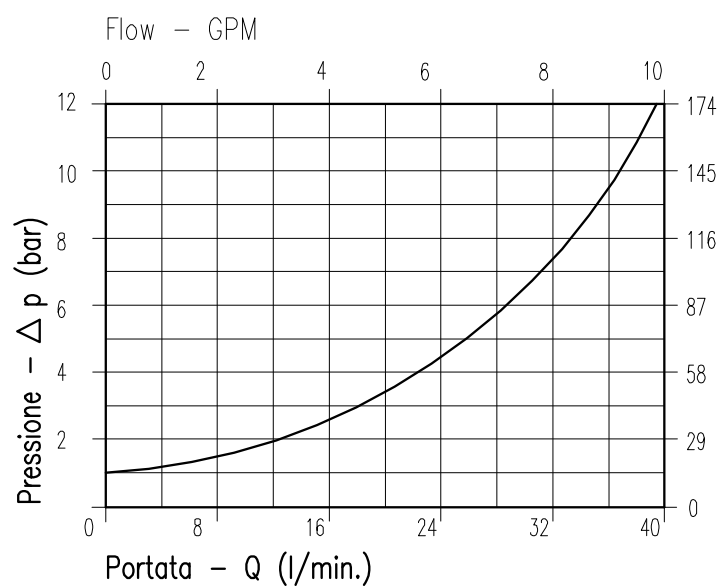
Room temperature

Oil temperature

Recommended filtration

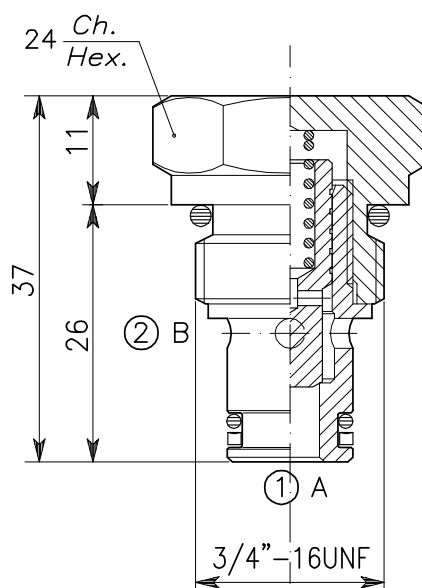
Tightening torque

Weight

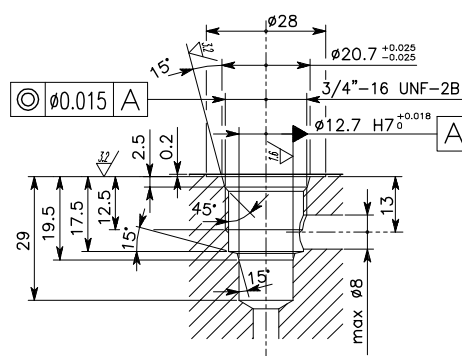


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



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



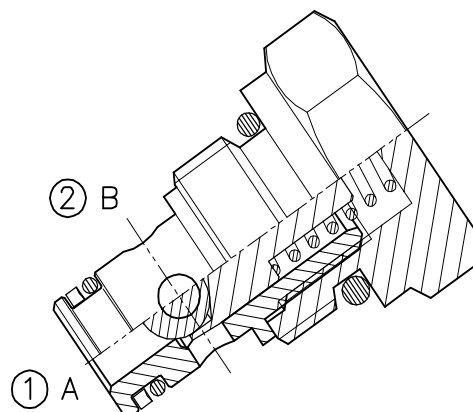
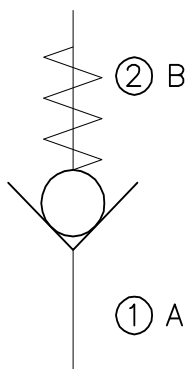
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

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-40-011N-34UNF-SF-...



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

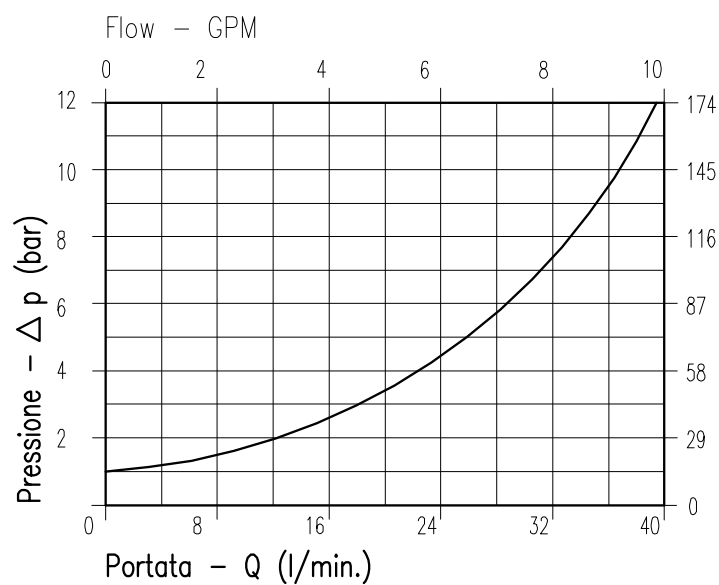
Room temperature

Oil temperature

Recommended filtration

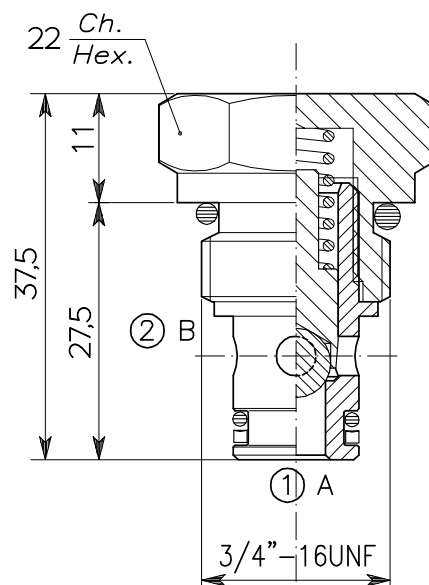
Tightening torque

Weight

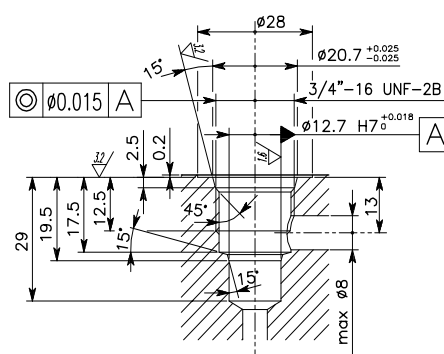


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



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



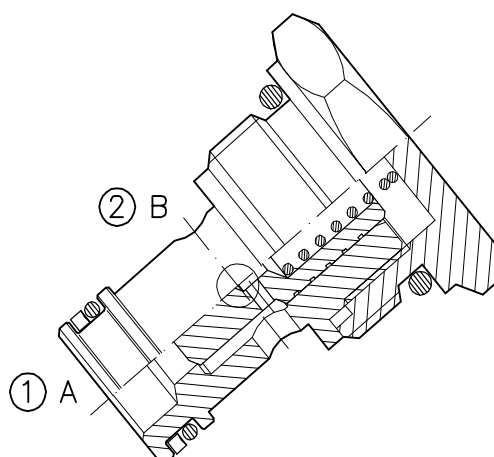
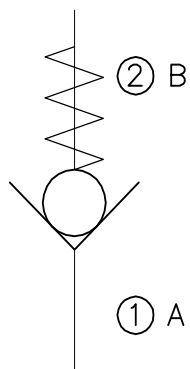
Si raccomanda l'esatta esecuzione della sede
 The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE
HOW TO ORDER

003 321 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-50-020N-78UNF-...



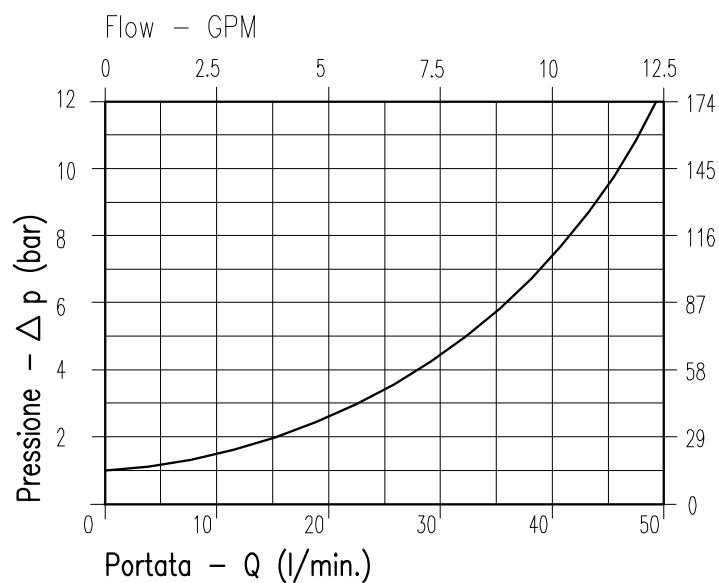
CARATTERISTICHE

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

DN 8
1/50 l/min - 0.26/13.2 GPM
350 bar - 5075 PSI
-30°C + 50°C
-30°C + 80°C
50 micron
75÷87 Nm
0.077 Kg

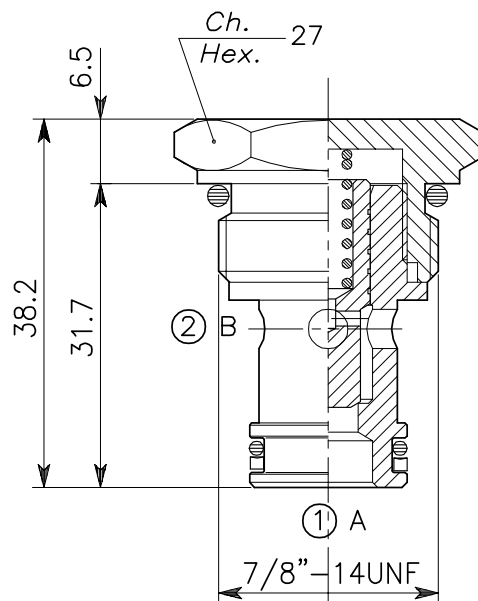
PERFORMANCE

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

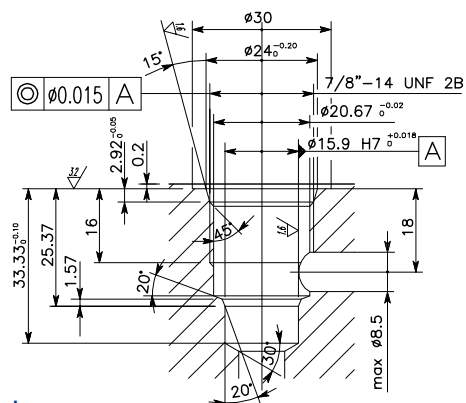


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA
CARTRIDGE CHECK VALVE



CAVITA' CAVITY **CE.020.N**



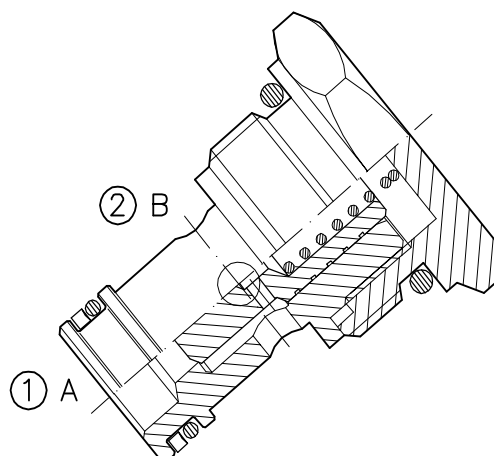
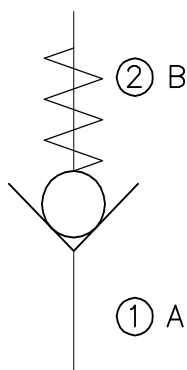
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

003 012 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

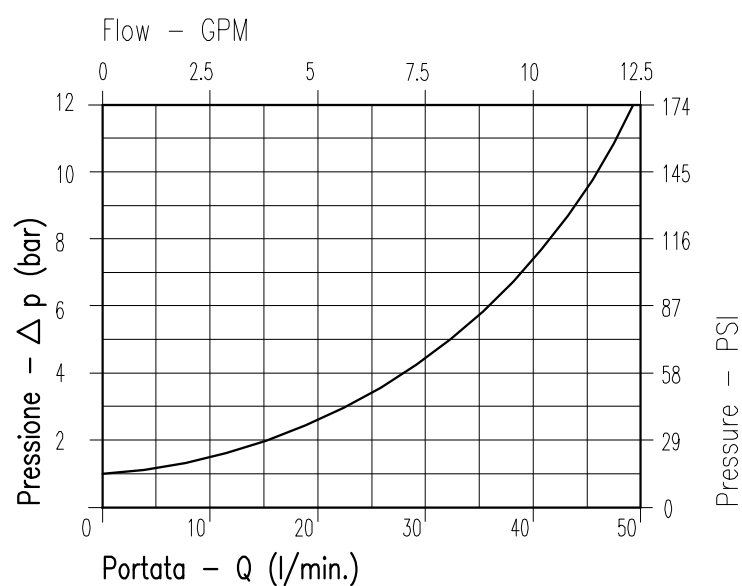
Room temperature

Oil temperature

Recommended filtration

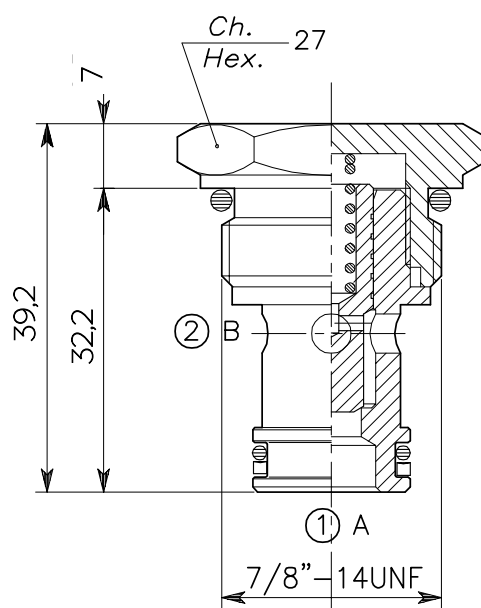
Tightening torque

Weight

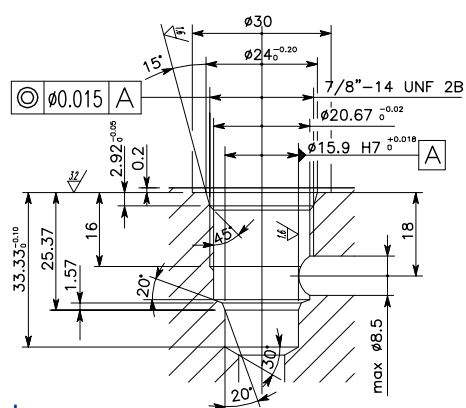


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



CAVITA'
CAVITY CE.020.N



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

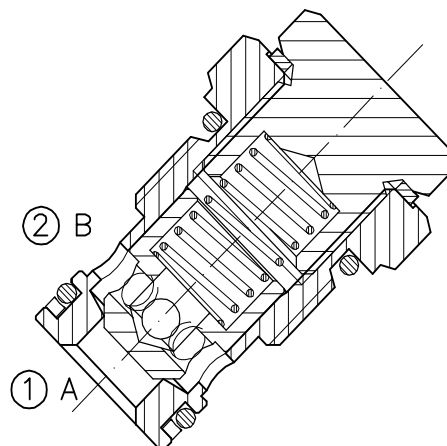
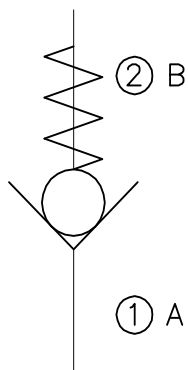
CODICE DI ORDINAZIONE HOW TO ORDER

003 373 0 J 0

Inizio apertura
Cracking pressure

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

W 5 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 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

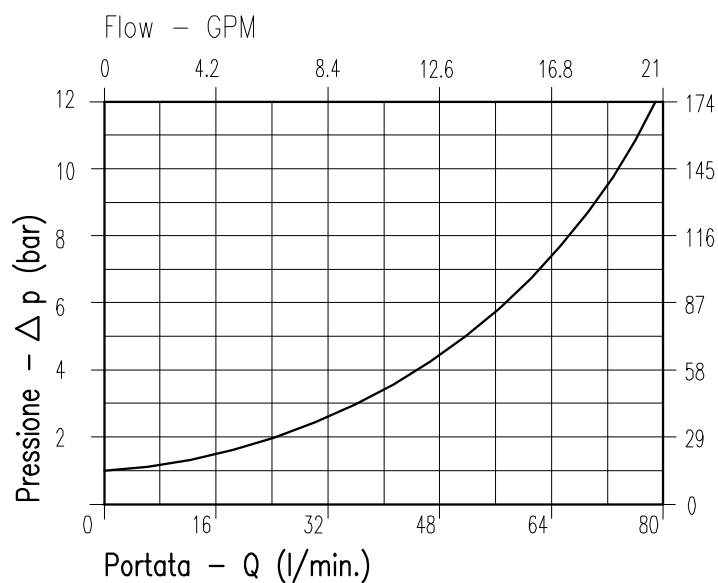
Room temperature

Oil temperature

Recommended filtration

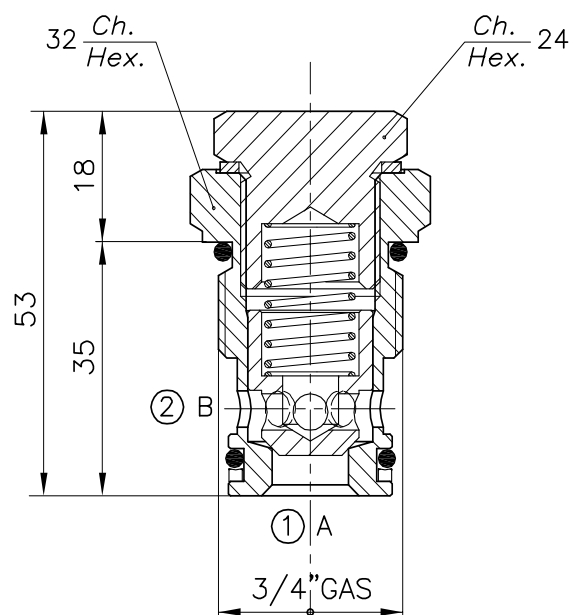
Tightening torque

Weight

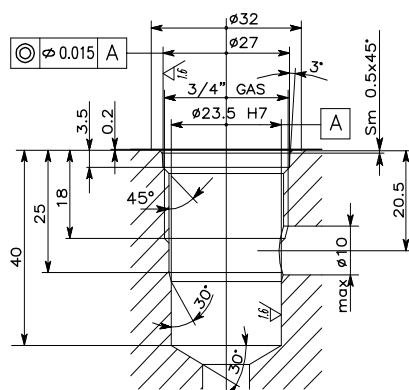


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO A CARTUCCIA CARTRIDGE CHECK VALVE



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

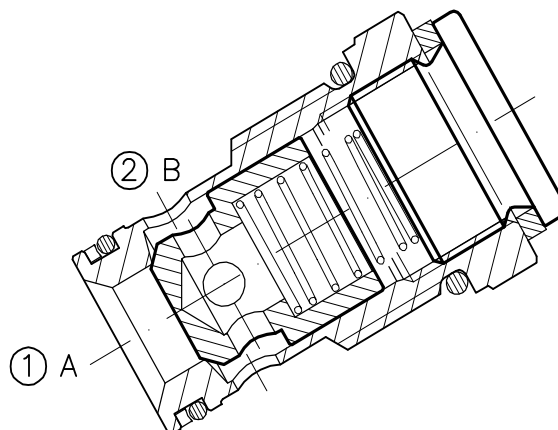
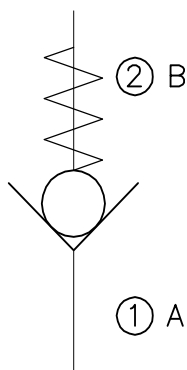


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

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)

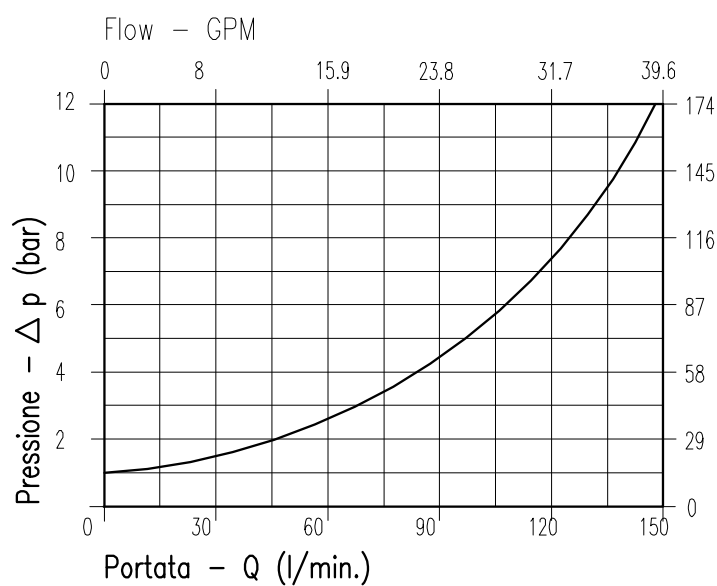


CARATTERISTICHE

Luce nominale	DN 16
Portata min/max	1/150 l/min - 0.26/39.6 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	148÷158 Nm
Peso	0.292 Kg

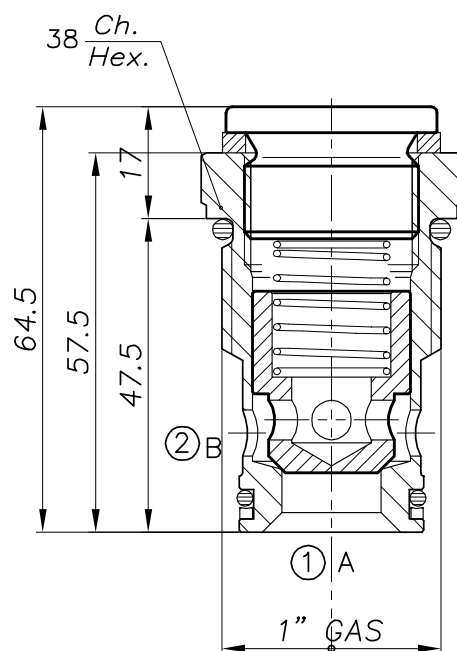
PERFORMANCE

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

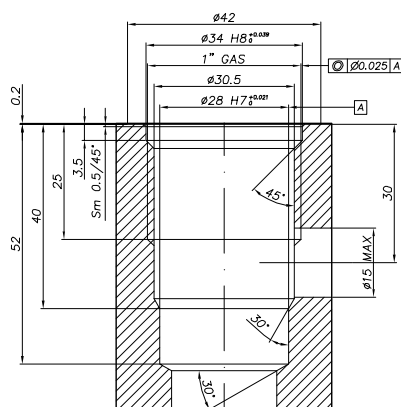


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

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

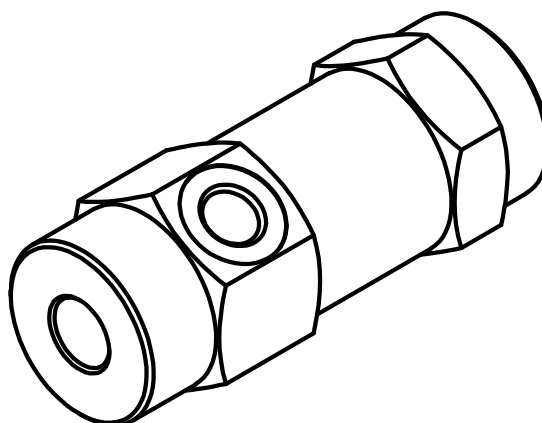
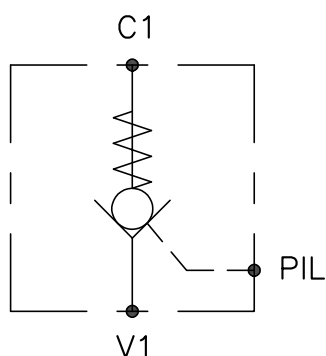
Inizio apertura
Cracking pressure

J | 1 bar

Molle (colore nero)
Spring (black)

W	6÷8 bar
---	---------

Molle (colore giallo)
Spring (yellow)



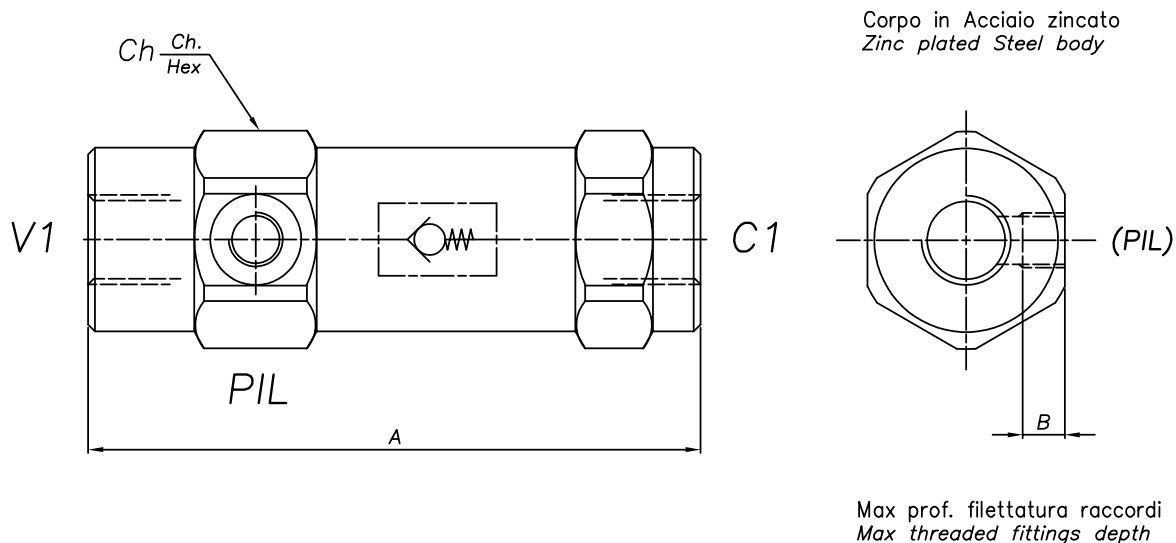
CARATTERISTICHE

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	15	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	45	300	1,1	4,5:1
464	VNR-SE-PIL-34	131	55	14	1/4"GAS	3/4"GAS	80	250	2	4,5:1

CODICE DI ORDINAZIONE
HOW TO ORDER

003 461 0 0 0

Numero valvola / Valve number

461

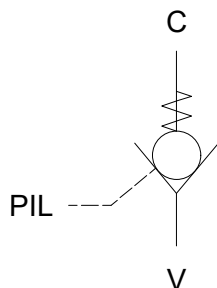
462

463

464

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

VNR-C-3V-PO-M18

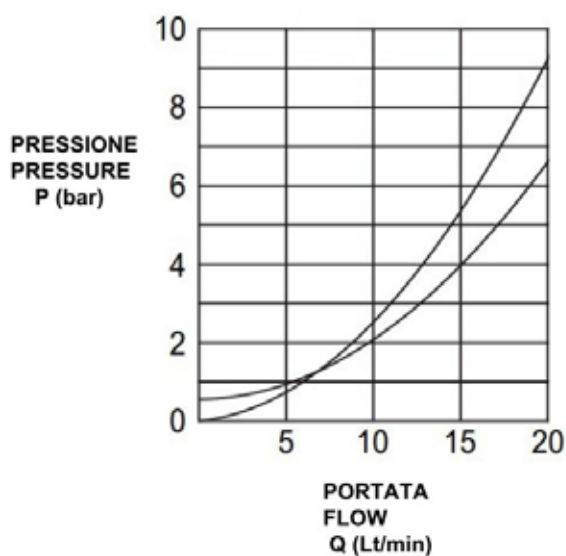


CARATTERISTICHE

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	3.15 : 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.

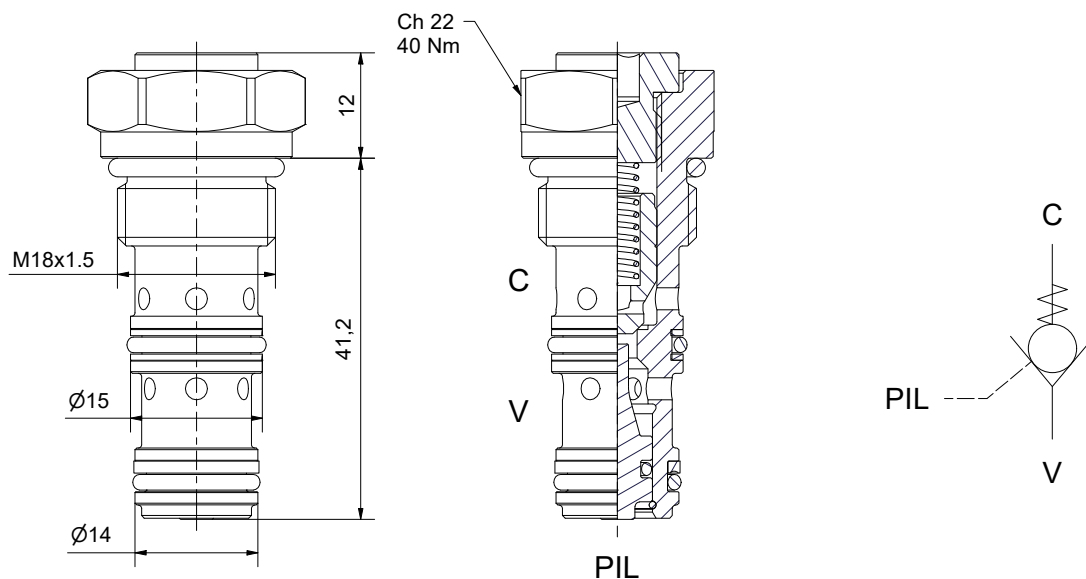
PERFORMANCE

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



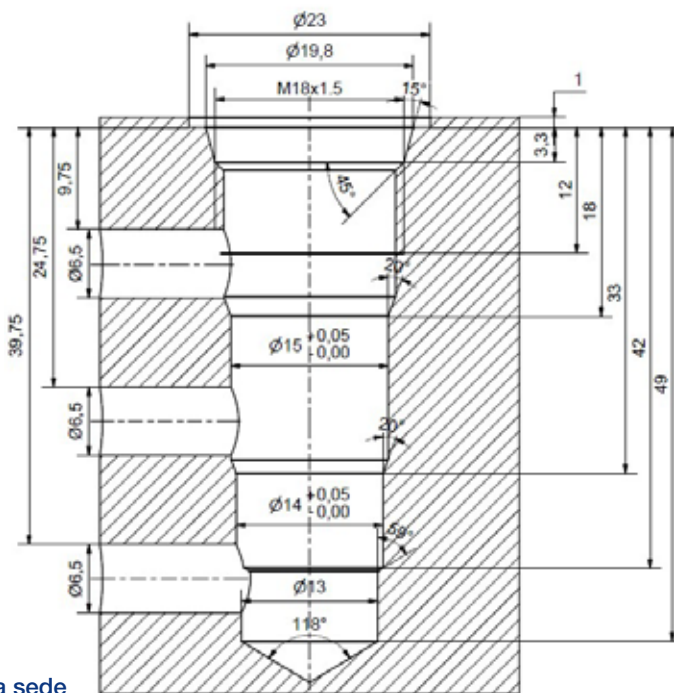
Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA CARTRIDGE PILOT CHECK VALVE



CAVITÀ CAVITY

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

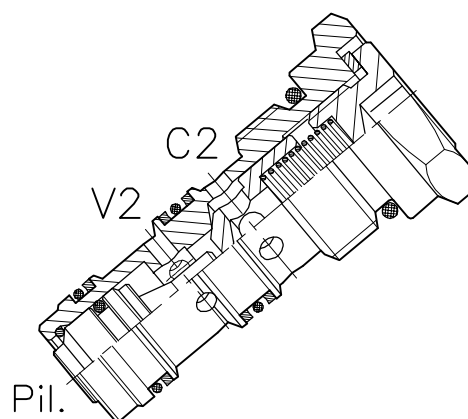
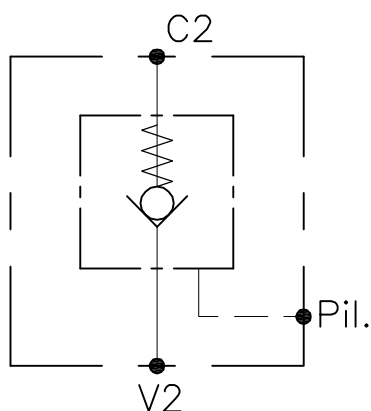


Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

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 O-RING sul pist. di pilotaggio Pilot piston O-RING	D 3 - 4 bar		
	0 Senza O-RING sul pist. di pilotaggio No pilot piston O-RING			

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



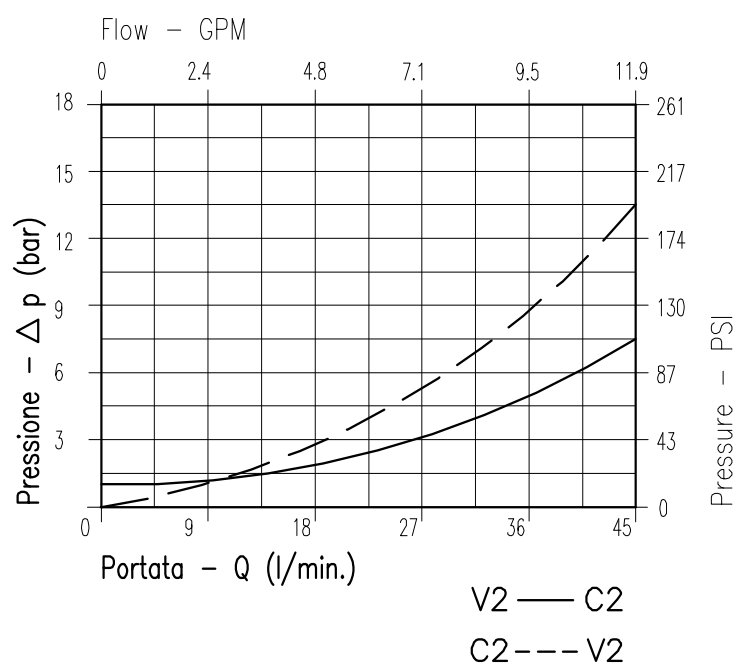
CARATTERISTICHE

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

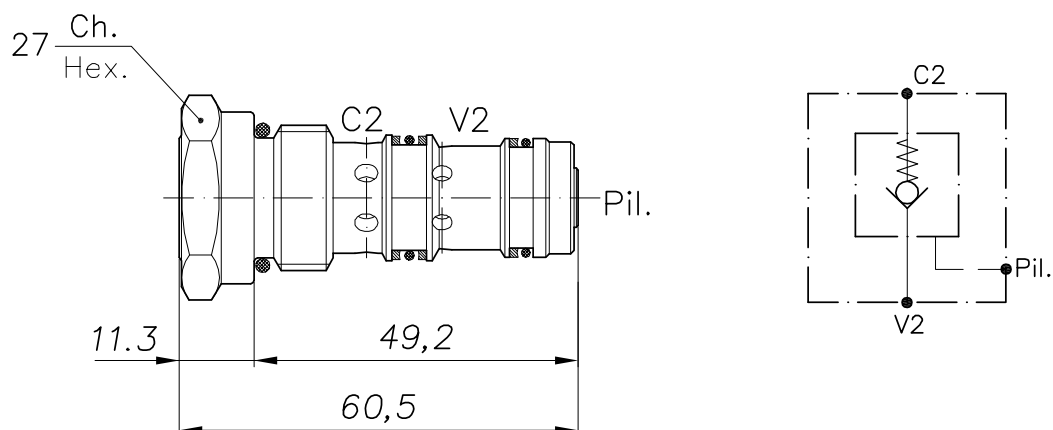
PERFORMANCE

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

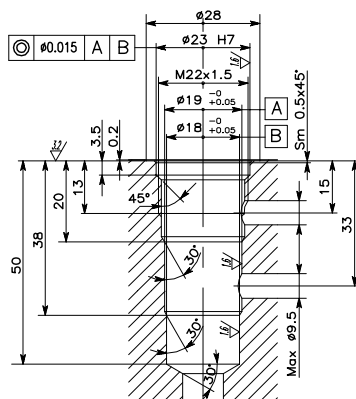


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA
CARTRIDGE PILOT CHECK VALVE



CAVITA' CAVITY CE.017.N



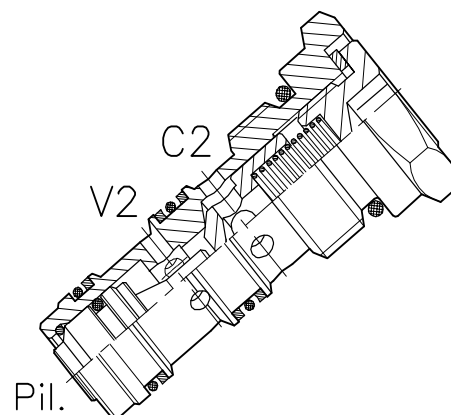
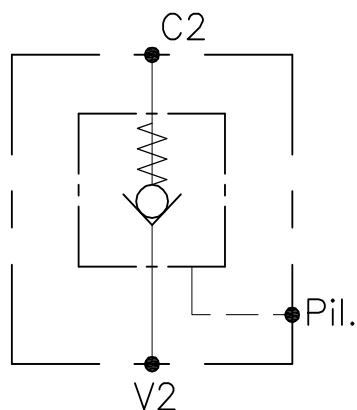
Si raccomanda l'esatta esecuzione della sede
 The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE
HOW TO ORDER

003 265 0 J 0

Inizio apertura Cracking pressure	
J	1 bar Molla (colore nero) Spring (black)
W	6÷8 bar Molla (colore giallo) Spring (yellow)
U	8÷10 bar Molla (colore rosso) Spring (red)

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

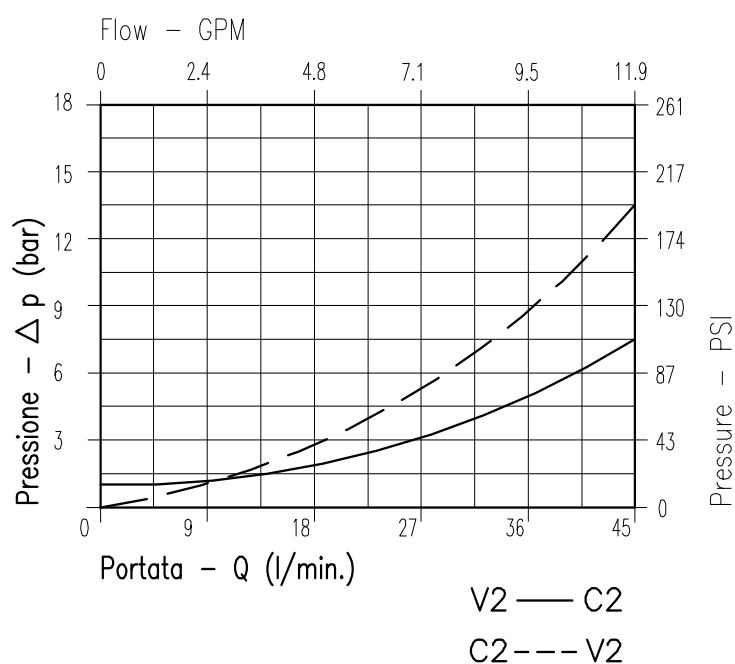


CARATTERISTICHE

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

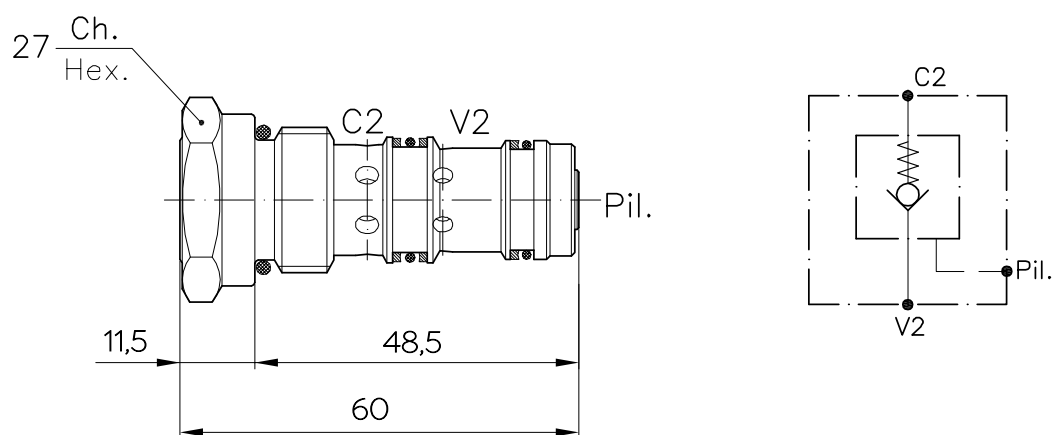
PERFORMANCE

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

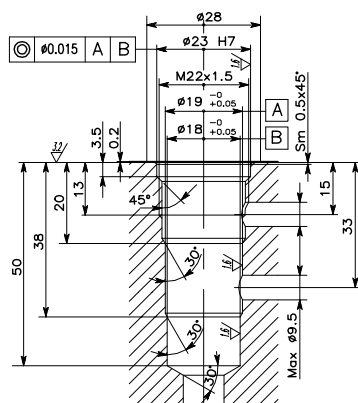


Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A CARTUCCIA
CARTRIDGE PILOT CHECK VALVE



CAVITA' CAVITY **CE.017.N**



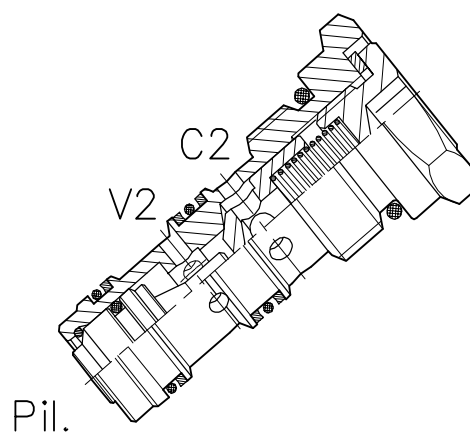
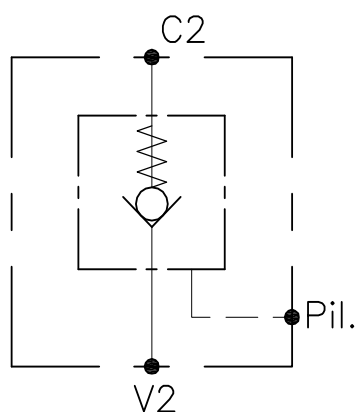
Si raccomanda l'esatta esecuzione della sede
 The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE
HOW TO ORDER

003 362 A W 0

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

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



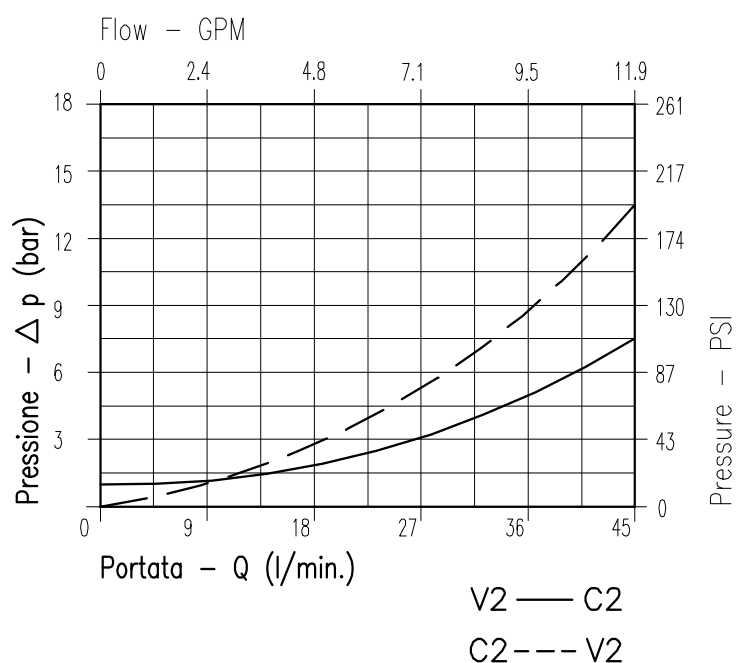
CARATTERISTICHE

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

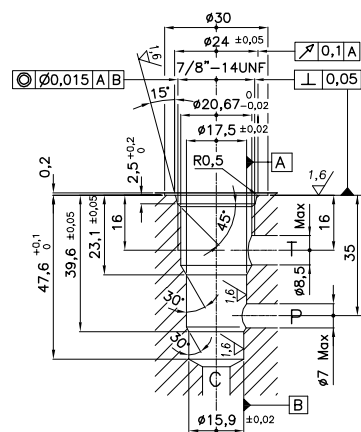
PERFORMANCE

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



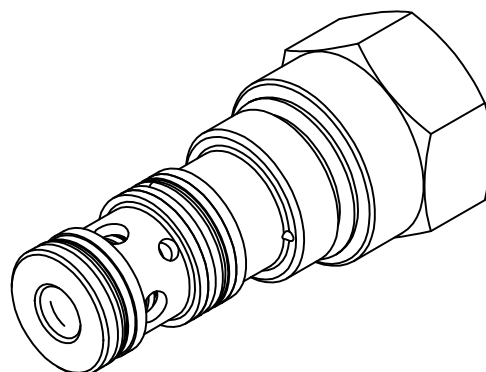
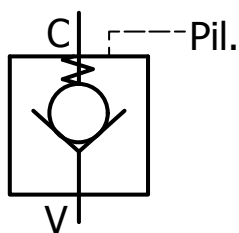
Viscosità olio 46 cSt a 50°C - Oil viscosity 46 cSt at 50°C

CAVITA' CAVITY **CE.071.N**



CODICE DI ORDINAZIONE HOW TO ORDER

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

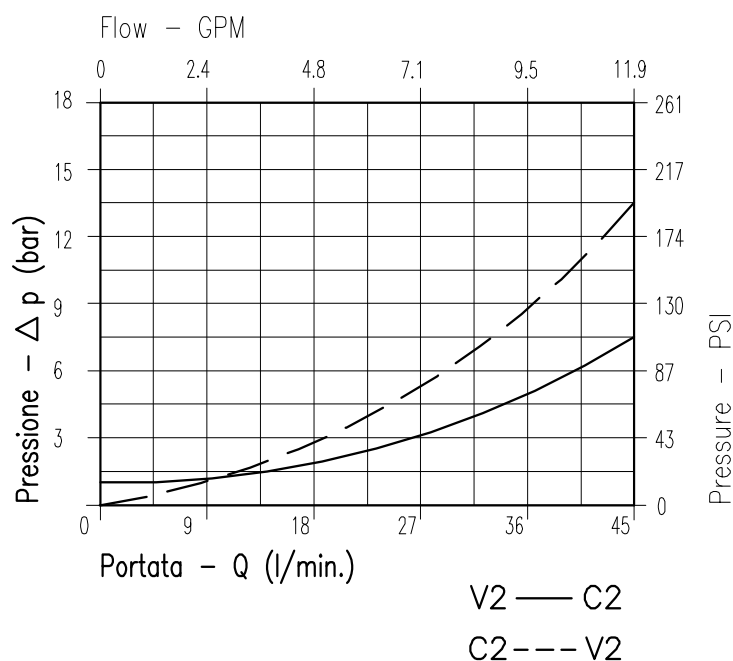


CARATTERISTICHE

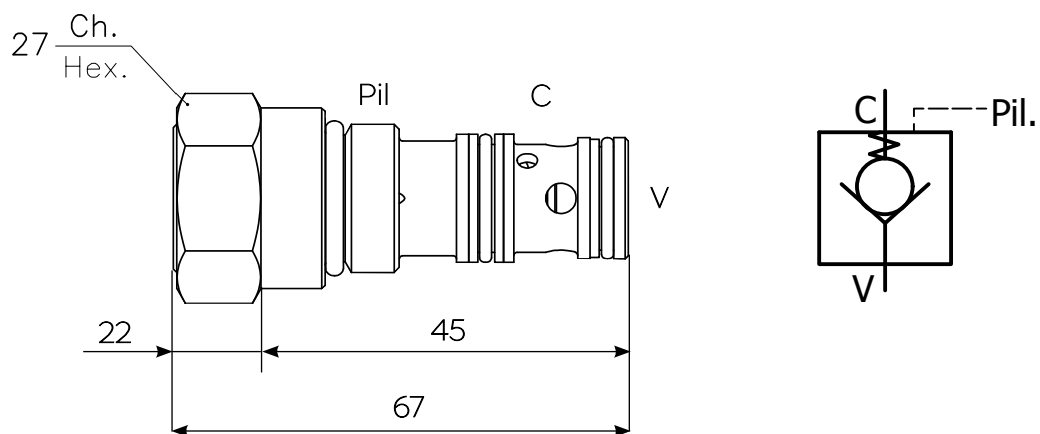
Luce nominale	DN 8
Portata min/max	1/45 l/min - 0.26/11.9 GPM
Pressione di lavoro max.	350 bar - 5075 PSI
Rapporto di pilotaggio	3 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron
Coppia di serraggio	50÷59 Nm
Peso	0.122 Kg

PERFORMANCE

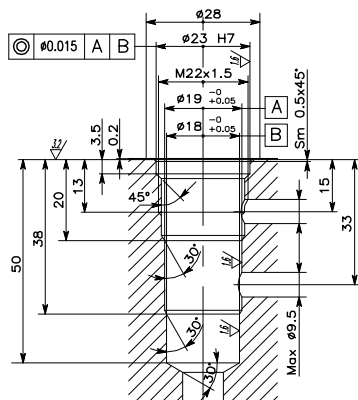
Rated size
Min/max flow-rate
Max working pressure
Pilot ratio
Room temperature
Oil temperature
Recommended filtration
Tightening torque
Weight



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



CAVITA' CAVITY CE.017.N



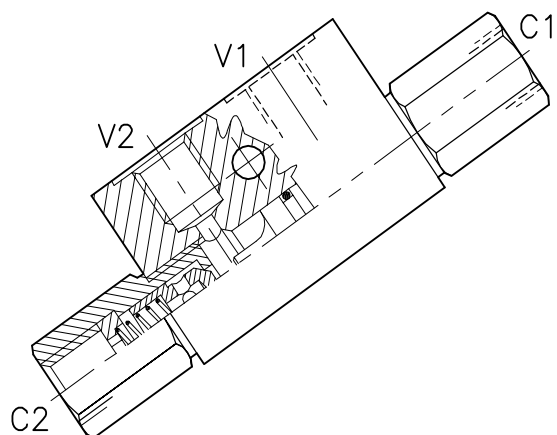
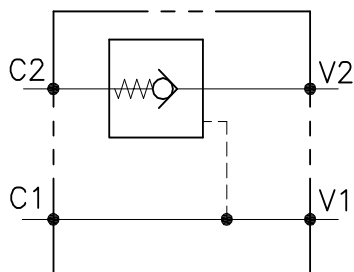
Si raccomanda l'esatta esecuzione della sede
The valve seat should be perfectly tooled

CODICE DI ORDINAZIONE HOW TO ORDER

003 269 A J 0

	Inizio apertura Cracking pressure
J	1 bar
	Molla (colore nero) Spring (black)

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



CARATTERISTICHE

Luce nominale min/max

Portata min/max

Pressione di lavoro max.

Temperatura ambiente

Temperatura olio

Filtraggio consigliato

Vedi pag. 2

Vedi pag. 2

350 bar - 5075 PSI

-30°C + 50°C

-30°C + 80°C

30÷50

PERFORMANCE

Min/max rated size

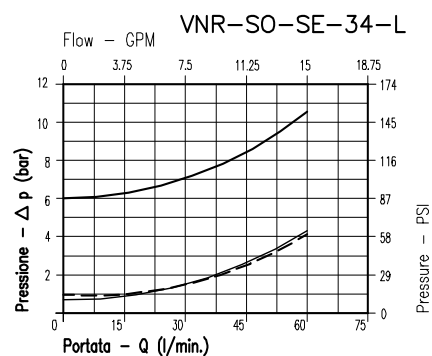
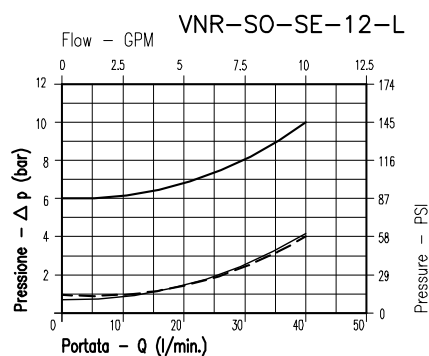
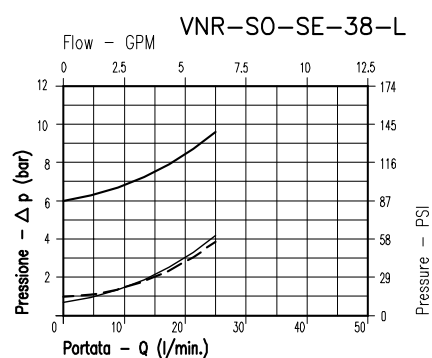
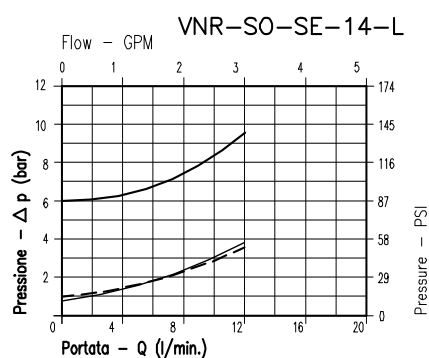
Min/max flow-rate

Max working pressure

Room temperature

Oil temperature

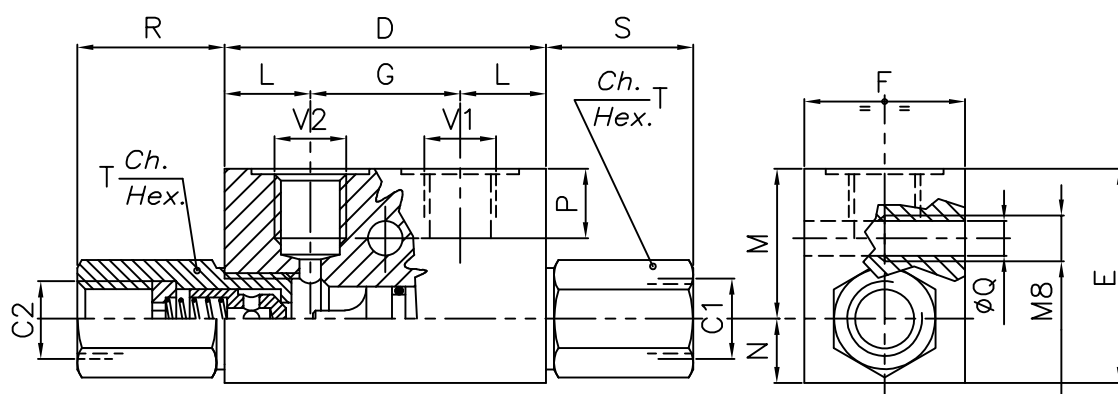
Recommended filtration



- 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

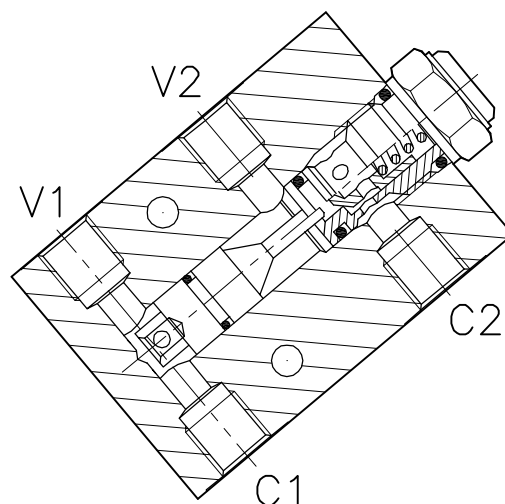
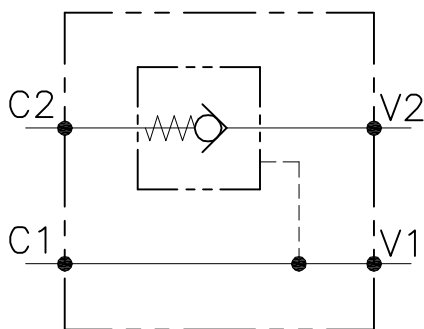
DIMENSIONI DIMENSIONS

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	12-3.2
027													3/8"	6	6:1	23-6
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 Pag. 6

Portata min/max

Vedi Pag. 6

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

0.459 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

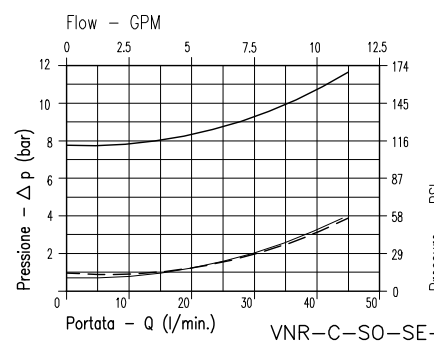
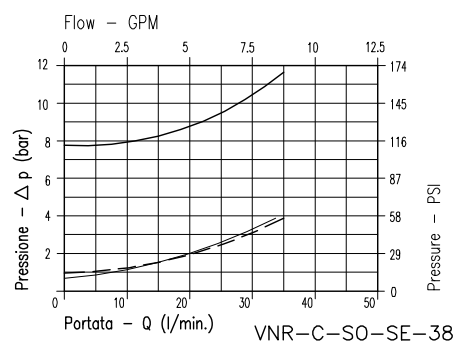
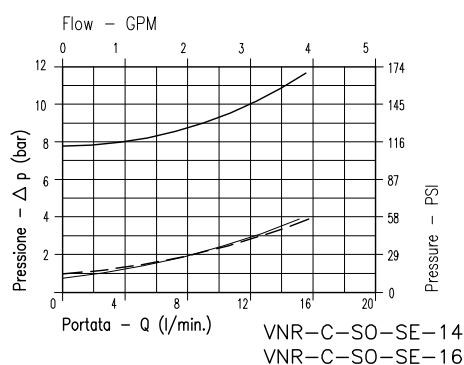
Weight

Weight

8Bar Flusso libero
(free flow)

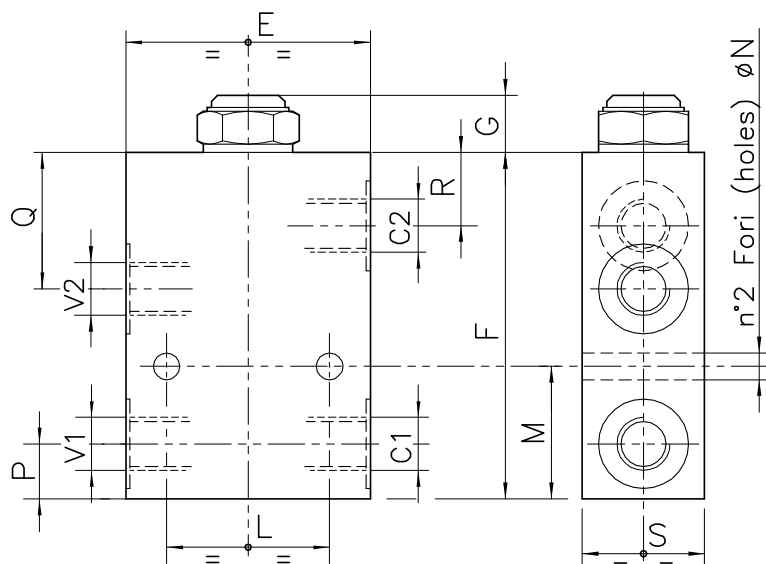
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

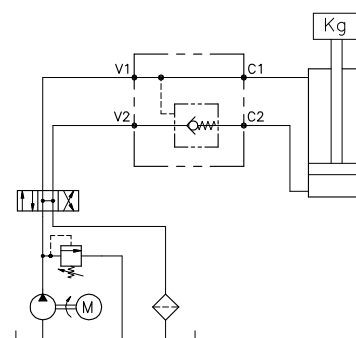


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

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



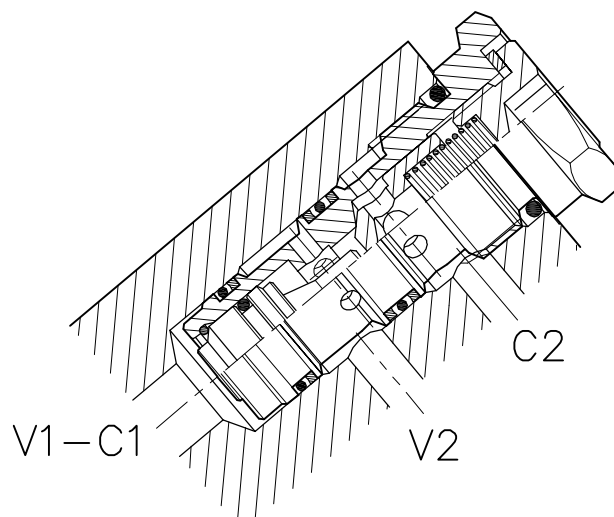
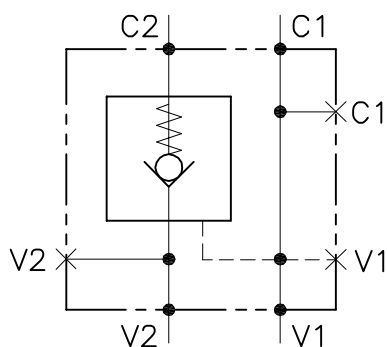
DIMENSIONI
DIMENSIONS

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
036	60	85	15	40	32.5	6.5	13.5	33.5	18	30	1/4"	4	15-4
038	70	95	18	40	40	8.5	19	38	20.5	35	3/8"	6	35-9.2
039	70	95	18	40	40	8.5	19	38	20.5	35	1/2"	8	45-12

CODICE DI ORDINAZIONE
HOW TO ORDER

003	036	0	J	0	.	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore body material			
036	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio Zincato Zinc Plated Steel			
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-...-...



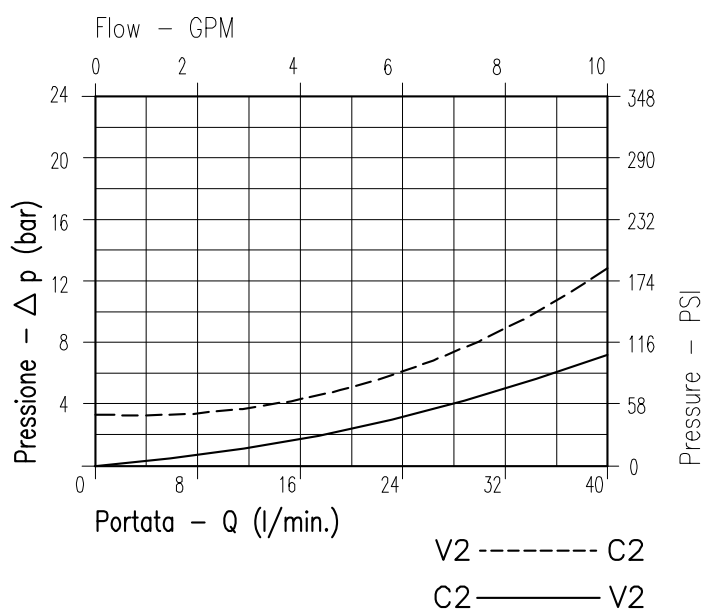
CARATTERISTICHE

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

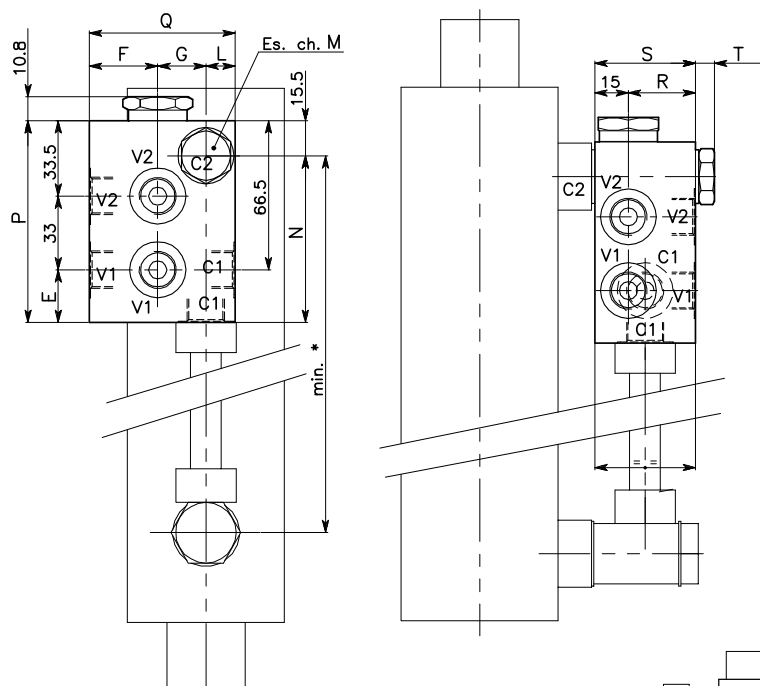
PERFORMANCE

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

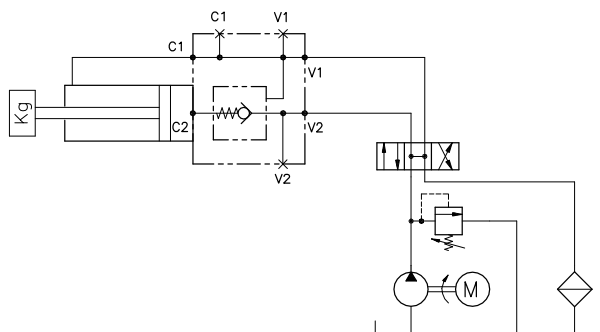


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

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



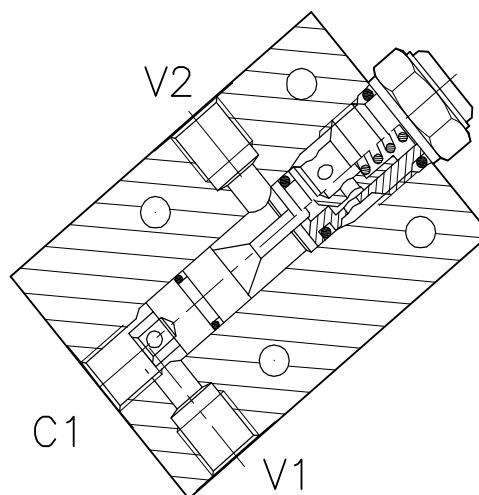
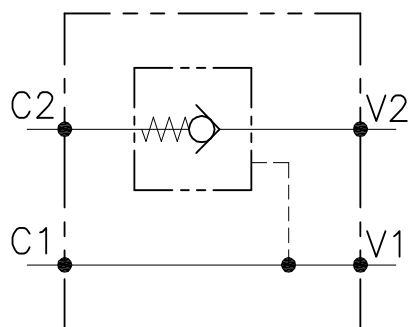
DIMENSIONI DIMENSIONS

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	.	A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material			
233	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel			
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 Pag. 10
Portata min/max	Vedi Pag. 10
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	0.459 Kg. 1/4" GAS
Peso	0.750 Kg. 3/8" GAS
Peso	0.724 Kg. 1/2" GAS

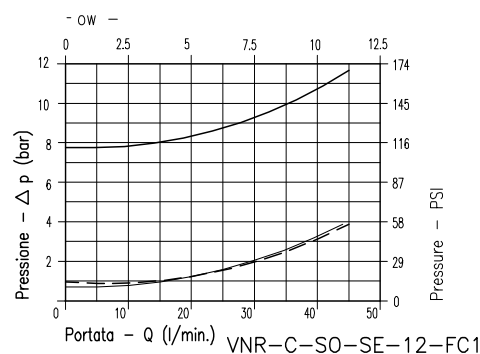
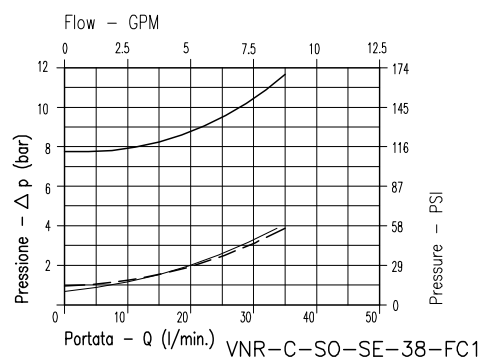
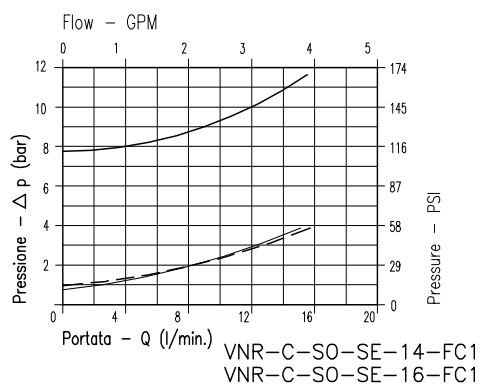
PERFORMANCE

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)

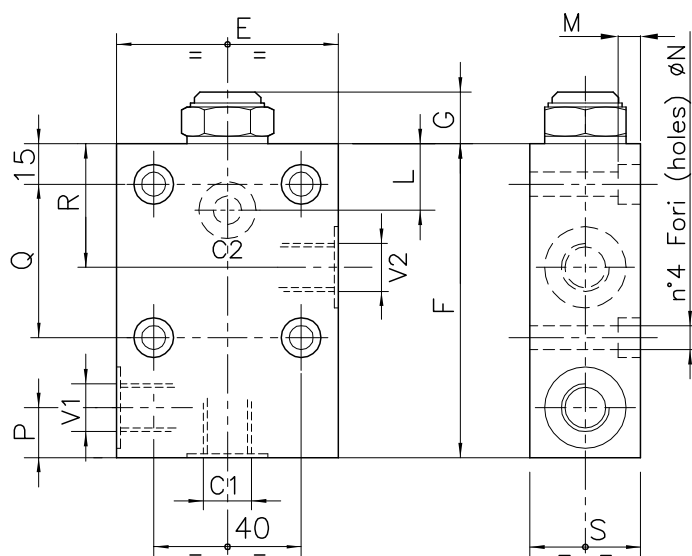
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

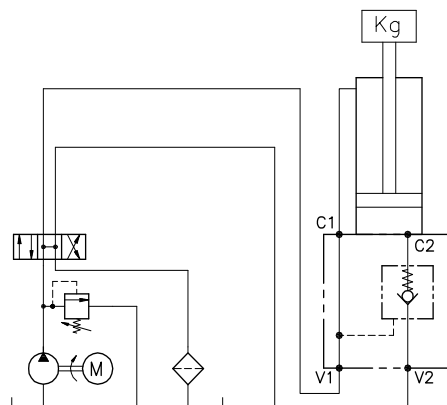


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA A 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
040	60	85	15	19	6	6,5	13,5	37,5	33,5	30	1/4"	4	15-4
042	70	95	18	20,5	3	8,5	19	40	38	35	3/8"	8	35-9.2
043	70	95	18	20,5	3	8,5	19	40	38	35	1/2"	8	45-12

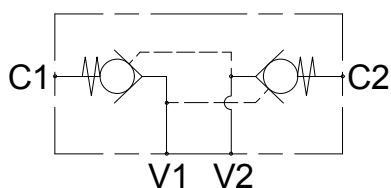
CODICE DI ORDINAZIONE HOW TO ORDER

003	040	0	J	0	.A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material		
040	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel		
042	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)			
043					

VNR-...E-IN-14

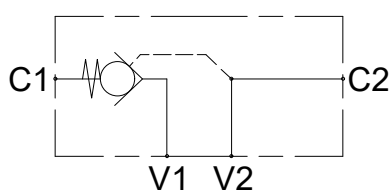
DOPPIO EFFETTO DOUBLE ACTING

.A00



SEMPLICE EFFETTO SINGLE ACTING

.B00



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

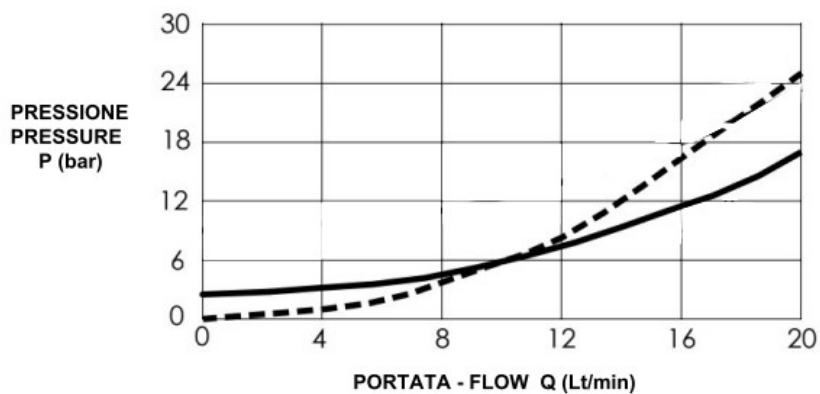
Standard pilot ratio

Recommended room temperature

Recommended oil temperature

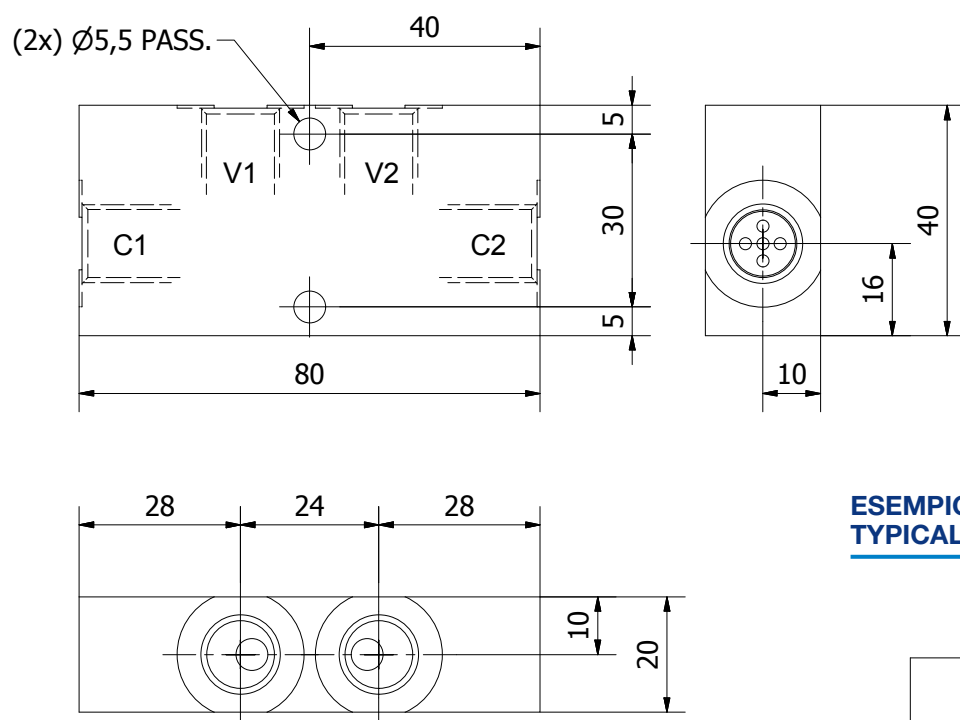
Recommended filtration

Weight

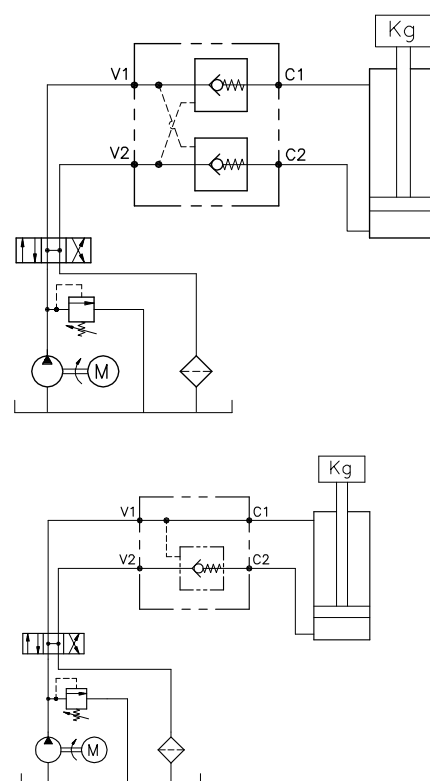


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

VALVOLA DI BLOCCO PILOTATA **PILOT CHECK VALVE**



ESEMPIO TIPICO DI CIRCUITO **TYPICAL CIRCUIT EXAMPLE**



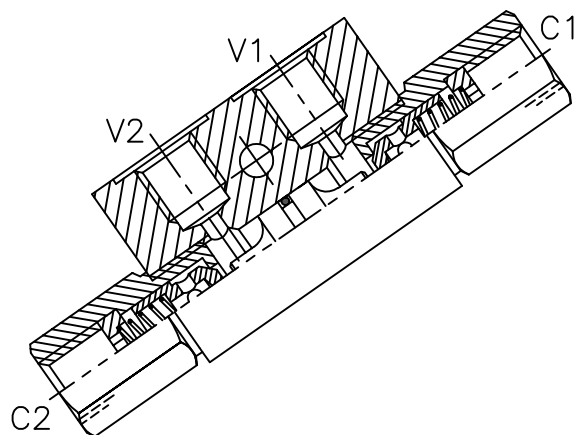
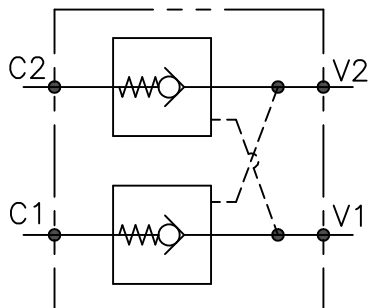
DIMENSIONI **DIMENSIONS**

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 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

Coppia di serraggio

Peso

Pagina seguente/next page

Pagina seguente/next page

350 bar 5075 PSI

Pagina seguente/next page

Pagina seguente/next page

-30°C + 50°C

-30°C + 80°C

30 + 50

Pagina seguente/next page

0.7-0.9-0.1-2 kg

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

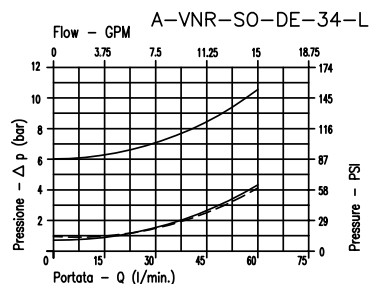
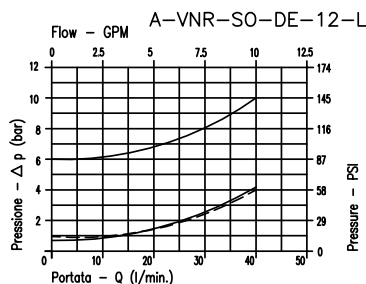
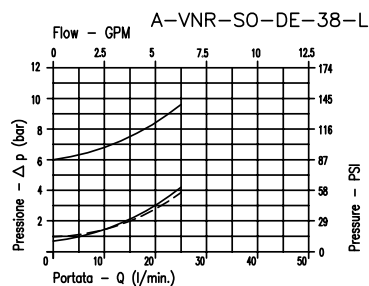
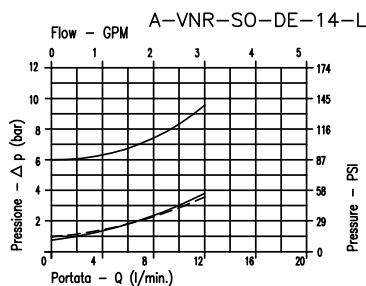
Room temperature

Oil temperature

Recommended filtration

Tightening torque

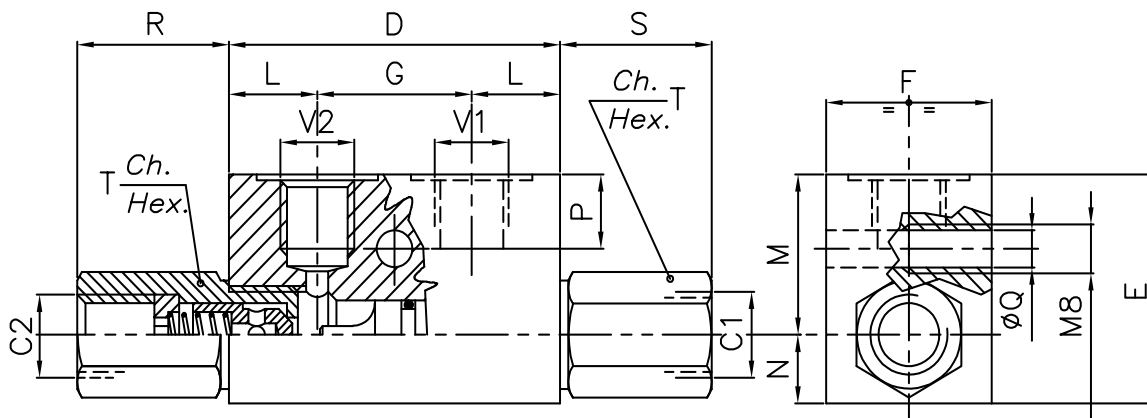
Weight



—— 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

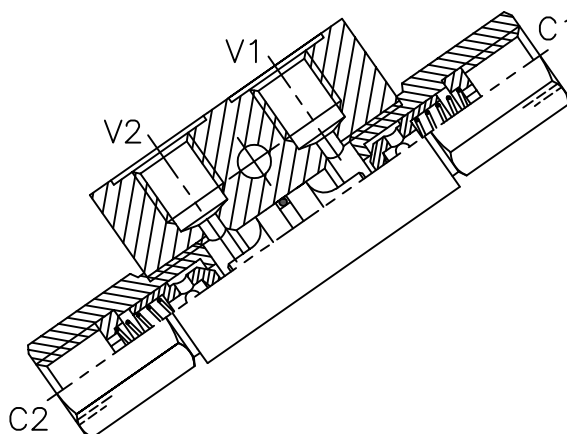
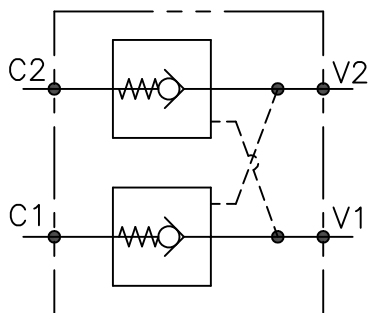
DIMENSIONI DIMENSIONS

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
030	64	40	30	36	14	27	13	8	6,5	27	27	22	1/4"	6	6:1	12-3.2
031	64	40	30	36	14	27	13	8	6,5	27	27	22	3/8"	8	6:1	23-6
032	80	50	35	38	21	34	16	15	6,5	32	26	27	1/2"	11	4:1	40-10.6
033	100	60	40	50	25	39	21	15	8,5	41	33	38	3/4"	15	3.5:1	60-15.8

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

Coppia di serraggio

Peso

Pagina seguente/next page

Pagina seguente/next page

350 bar 5075 PSI

Pagina seguente/next page

Pagina seguente/next page

-30°C + 50°C

-30°C + 80°C

30 + 50

Pagina seguente/next page

0.7-0.9-0.1-2 kg

PERFORMANCE

Rated size

Min/max flow-rate

Max peak pressure

Max setting pressure

Standard pilot ratio

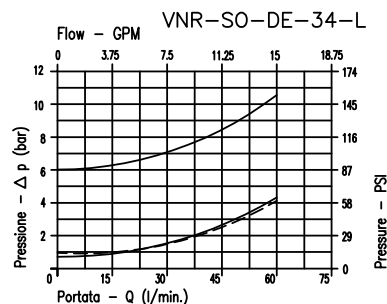
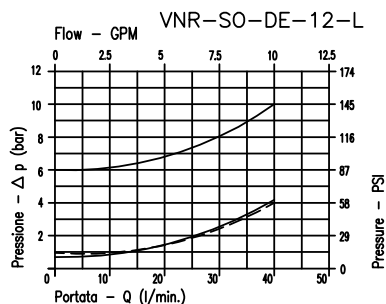
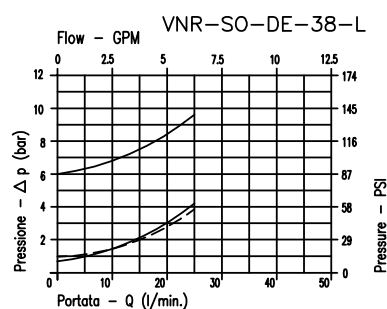
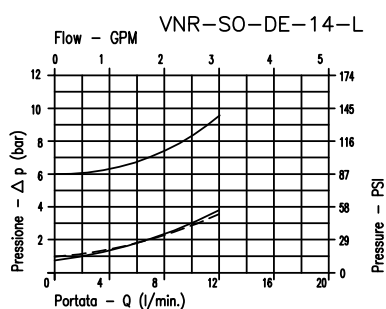
Room temperature

Oil temperature

Recommended filtration

Tightening torque

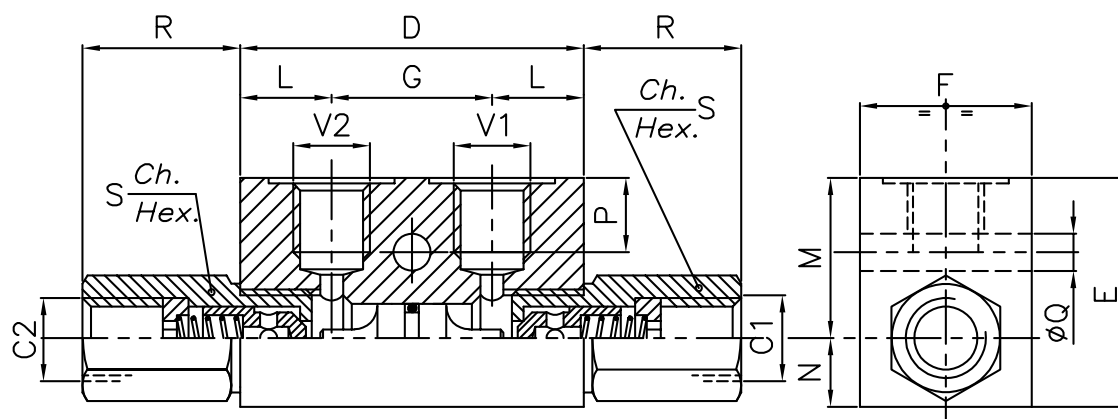
Weight



—— 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



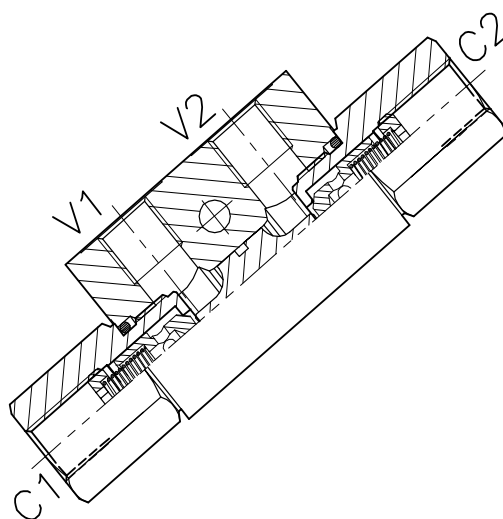
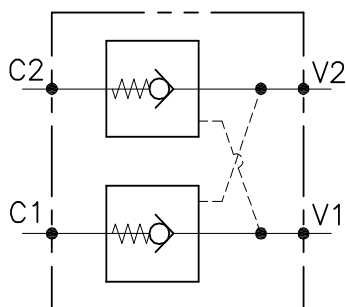
DIMENSIONI DIMENSIONS

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
030	60	40	30	28	16	28	12	13	6.5	27,5	19	1/4"	6	4:1	10-3.2
031	70	50	35	38	16	35	15	15	6.5	29	24	3/8"	8	4:1	23-6
032	80	50	35	38	21	34	16	15	6.5	32	27	1/2"	11	4:1	40-10.6
033	100	60	40	50	25	39	21	15	8.5	41	38	3/4"	16	3.5:1	60-15.8

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				



CARATTERISTICHE

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

Pagina seguente/next page

Pagina seguente/next page

350 bar - 5075 PSI

4 : 1

-30°C + 50°C

-30°C + 80°C

30÷50 micron

0.645 Kg. 1/4" GAS

0.657 Kg. 3/8" GAS

PERFORMANCE

Min/max rated size

Min/max flow-rate

Max working pressure

Pilot ratio

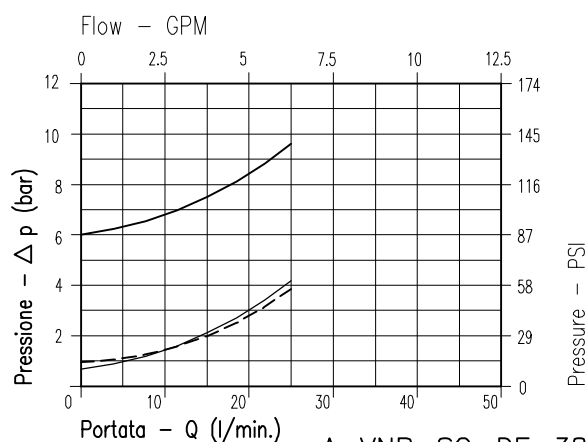
Room temperature

Oil temperature

Recommended filtration

Weight

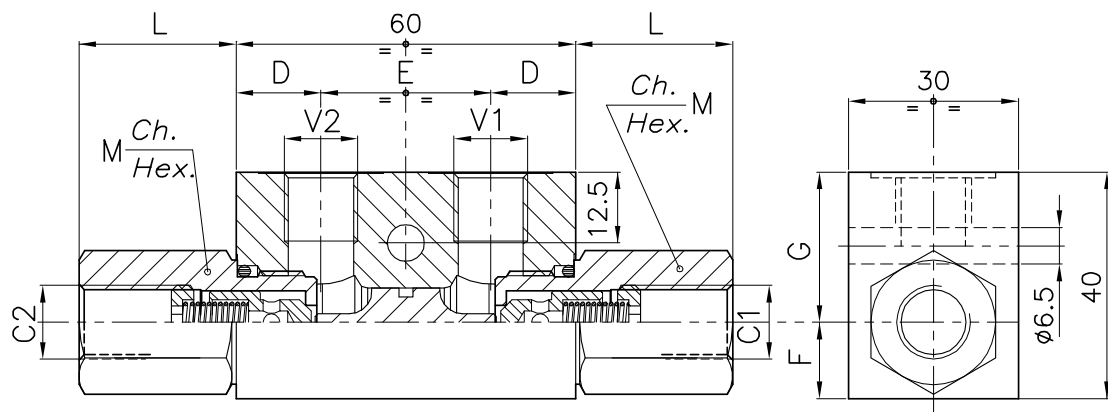
Weight



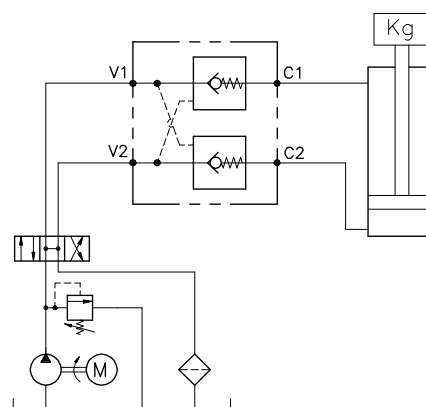
A-VNR-SO-DE-38-L

Viscosità 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



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



DIMENSIONI DIMENSIONS

NUMERO VALVOLA VALVE NUMBER	D	E	F	G	L	M	Attacchi Port size V2-C2 V1-C1 GAS (BSPP)	Luce nominale Rated size	Portata max Max flow-rate
360	17	27	14.5	25.5	31.5	24	3/8"	DN	I/min - GPM

CODICE DI ORDINAZIONE HOW TO ORDER

003 360 0 W 0 . A

Numero valvola / Valve number

360

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

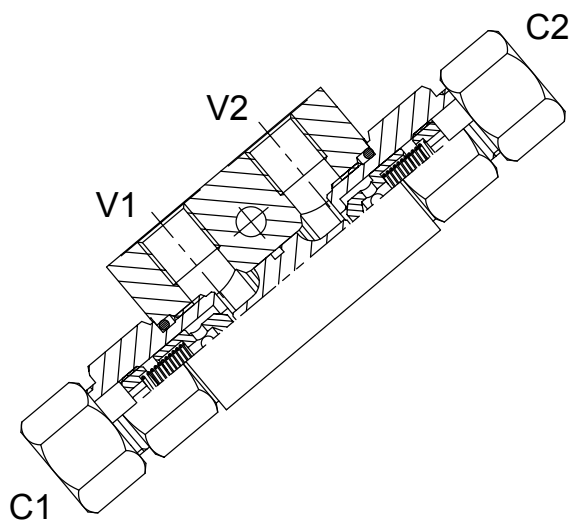
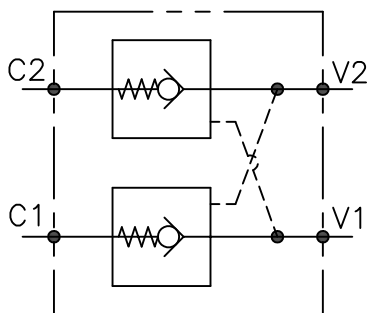
Inizio apertura
Cracking pressure

- 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

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



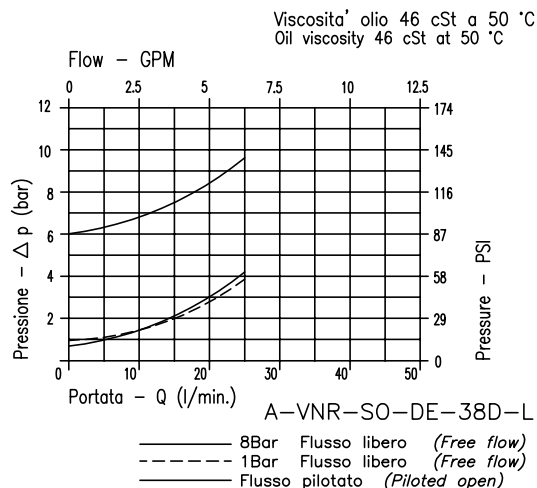
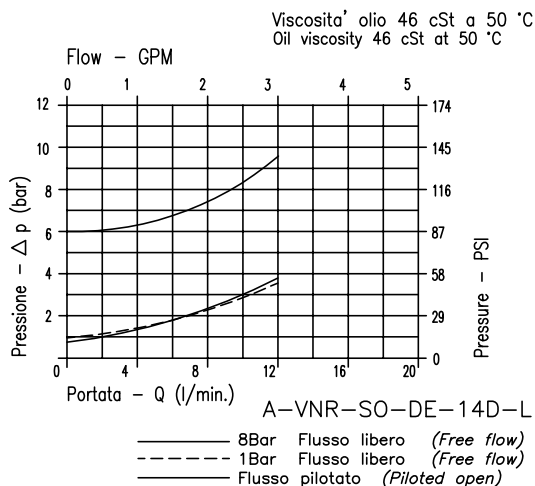
CARATTERISTICHE

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

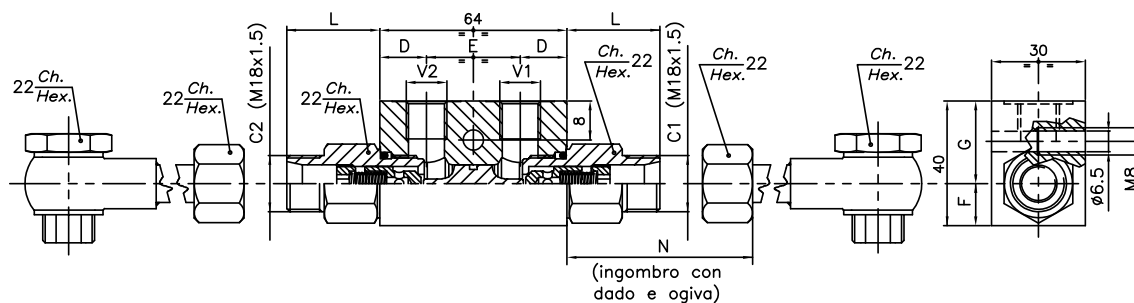
Pagina seguente/next page
Pagina seguente/next page
350 bar 5075 PSI
Pagina seguente/next page
Pagina seguente/next page
-30°C + 50°C
-30°C + 80°C
30 + 50
Pagina seguente/next page
0.7-0.9-0.1-2 kg

PERFORMANCE

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



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

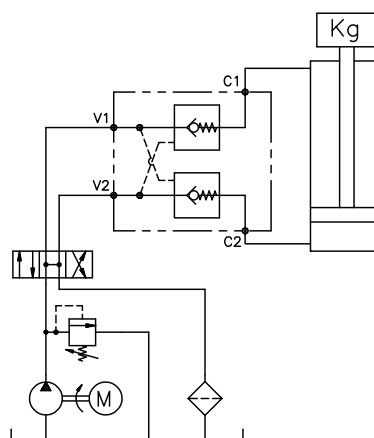


**A RICHIESTA
ON REQUEST**

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

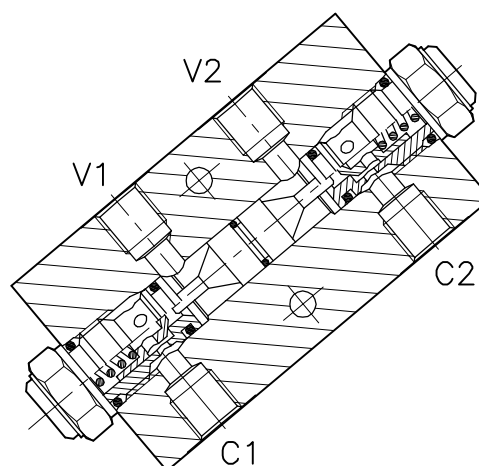
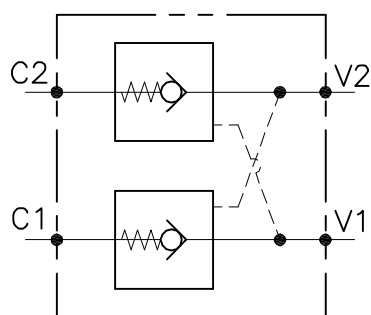
N° VALVOLA VALVE NUMBER	SIGLA VALVOLA VALVE CODE	D	E	F	G	L	N	Attacchi Port size V1-V2 GAS (BSPP)	Luce nominale Rated size DN	Portata max max flow-rate l/min-GPM
252	A-VNR-SO-DE-14D-L-...	14	36	13	27	23	34	1/4"	6	16-4.2
368	A-VNR-SO-DE-38D-L-...							3/8"	8	35-9.2

CODICE DI ORDINAZIONE HOW TO ORDER

N03	252	0	W	0	.A	D	Con dado e ogiva With nut and cutting rings
003	368	0	W	0	.A		Omettere per solo DIN (senza dado e ogiva) Omit for DIN only (without nut and ring)

Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material
A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar	Acciaio zincato Zinc plated steel
O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	Z 3 - 4 bar	
	W 6 - 8 bar	

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



CARATTERISTICHE

Luce nominale min/max	Vedi Pag. 18
Portata min/max	Vedi Pag. 18
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	0.610 Kg. 1/4" GAS
Peso	0.981 Kg. 3/8" GAS
Peso	0.957 Kg. 1/2" GAS

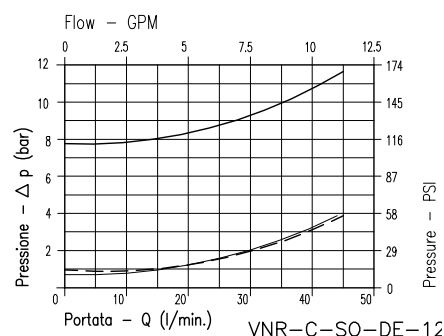
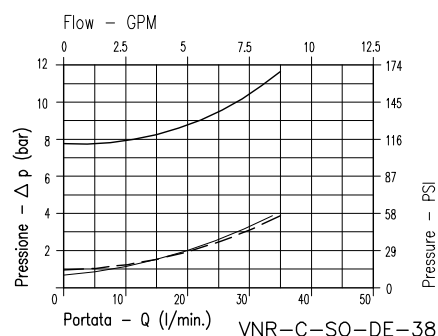
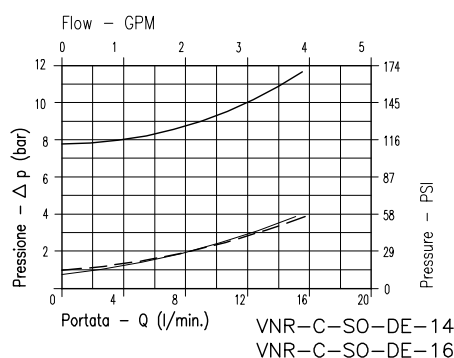
PERFORMANCE

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

8Bar Flusso libero
(free flow)

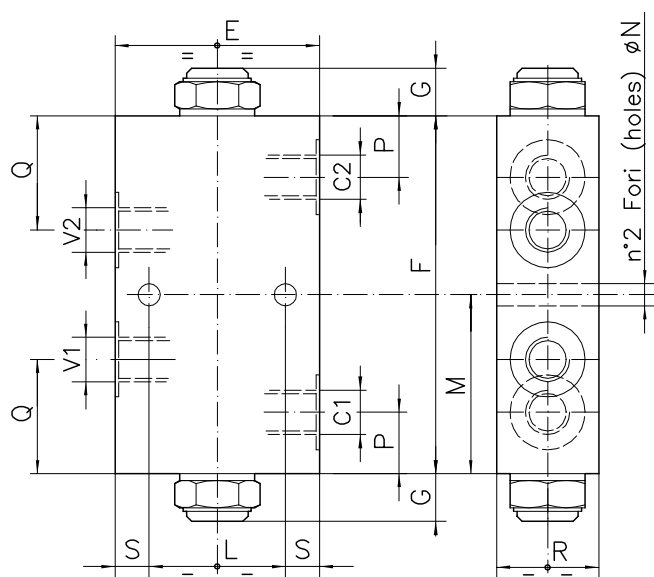
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

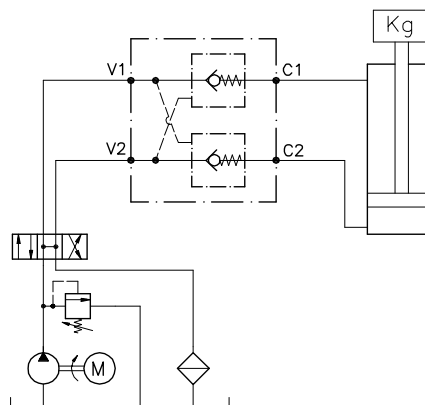


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

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



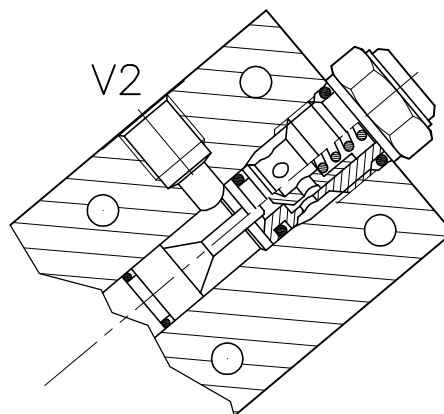
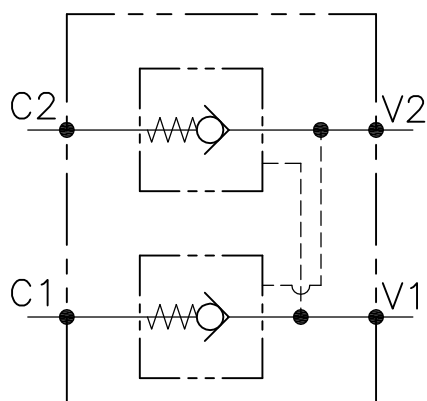
DIMENSIONI DIMENSIONS

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
047	60	105	15	40	52.5	6.5	18	33.5	30	10	1/4"	4	15-4
049	70	110	18	40	55	8.5	20.5	38	35	15	3/8"	6	35-9.2
050	70	110	18	40	55	8.5	20.5	38	35	15	1/2"	8	45-12

CODICE DI ORDINAZIONE HOW TO ORDER

003	047	0	J	0	. A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material		
047	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel		
049	O Senza O-RING sul pist. di pilo- taggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)			
050					

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



CARATTERISTICHE

Luce nominale min/max	DN 6/10
Portata min/max	Vedi pag. seguente/next page
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	0.450 Kg. 1/4" GAS
Peso	0.740 Kg. 3/8" GAS
Peso	0.724 Kg. 1/2" GAS

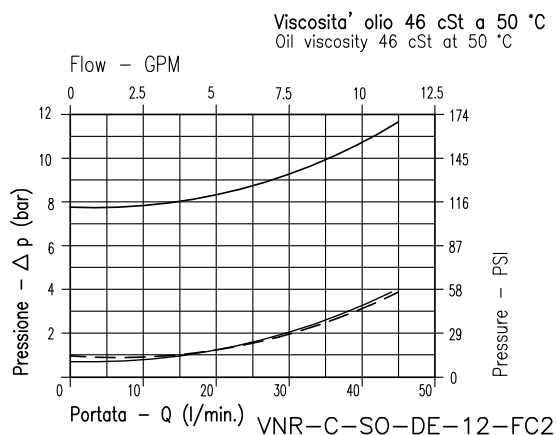
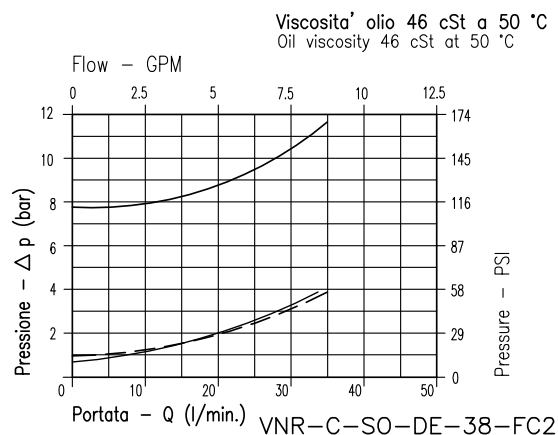
PERFORMANCE

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)

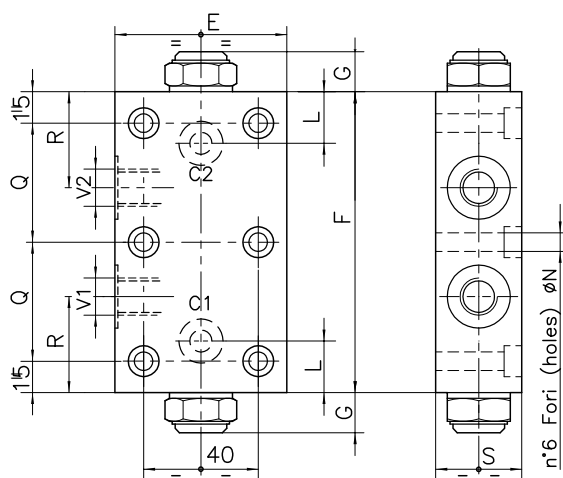
1Bar Flusso libero
(free flow)

Flusso pilotato
(piloted flow)

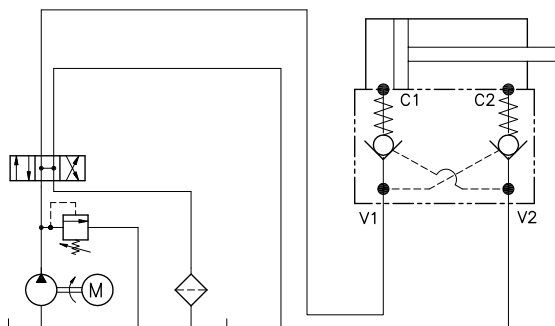


Viscosità olio 46 cSt a 50°C / Oil viscosity 46 cSt at 50°C

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



ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



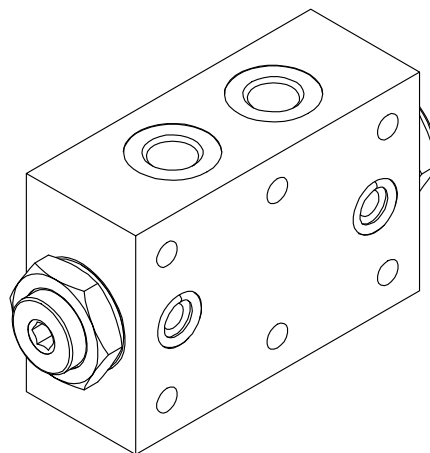
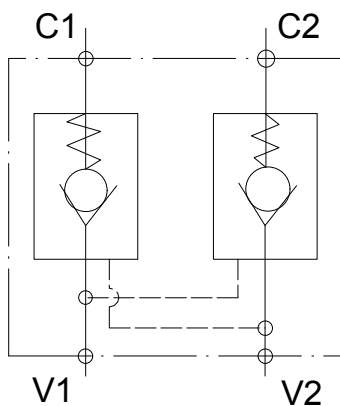
DIMENSIONI DIMENSIONS

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
294	60	90	12	14	0	6.5	35	29	34.5	3/8"	5.4:1	30-7.9
349	69	110	17	22.5	0	8.5	40	38	34.5	1/2"	4:1	45-12

CODICE DI ORDINAZIONE HOW TO ORDER

003	349	0	J	0	. A
Numero valvola / Valve number	Pistone di pilotaggio Pilot piston	Inizio apertura Cracking pressure	Materiale collettore Body material		
294	A O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel		
349	O Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6-8 bar Molla (colore giallo) Spring (yellow)			

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



CARATTERISTICHE

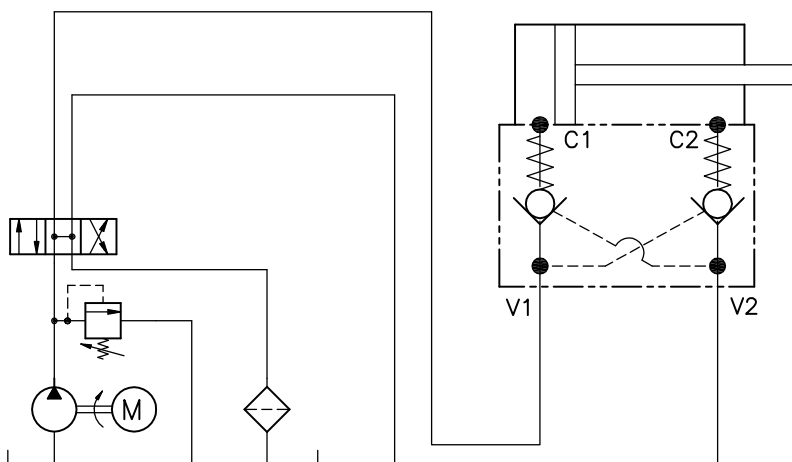
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio
Collettore in acciaio zincato

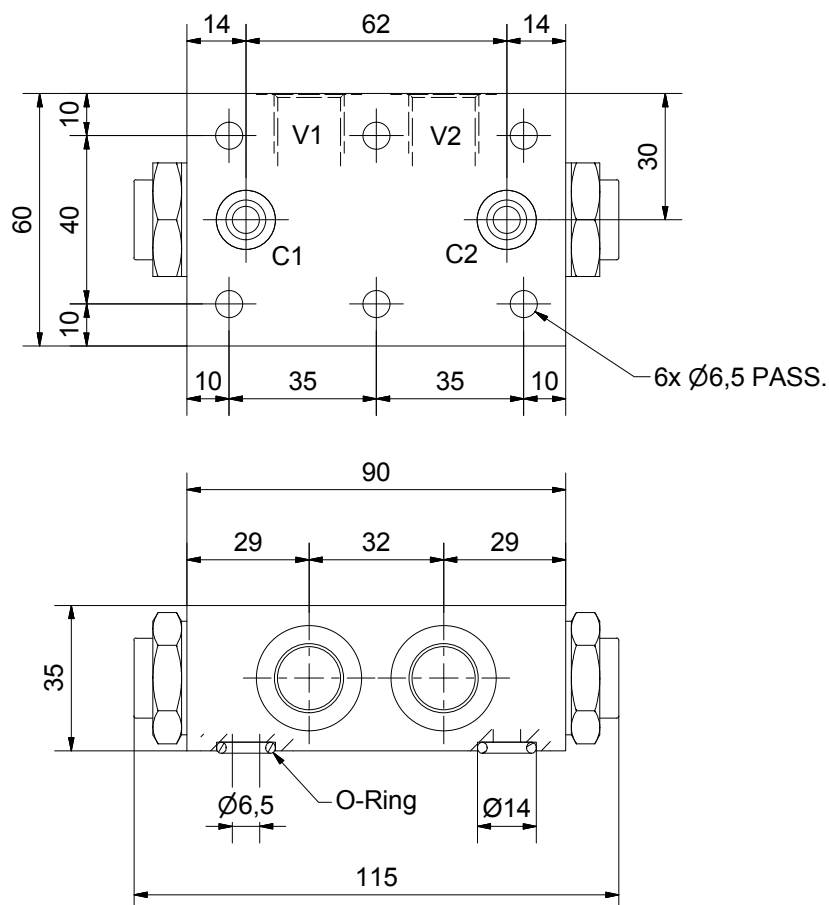
30 litri/min
350 bar
7.1:1

PERFORMANCE

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

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE





DIMENSIONI DIMENSIONS

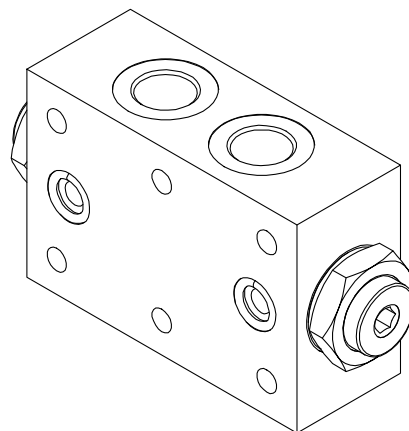
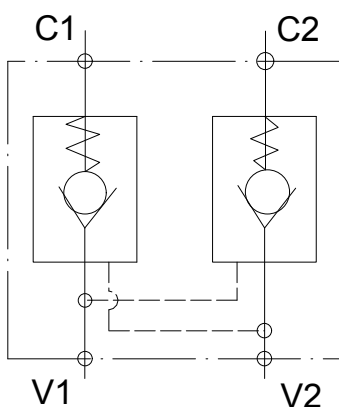
ATTACCHI PORTS	V1-V2	C	Rapporto pilot. Pilot ratio	Peso valvola valve weight kg
GAS/bspp	1/4"	6.5	7.1:1	1.395

CODICE DI ORDINAZIONE HOW TO ORDER

003 514 0 W 0 . A

Pistone di pilotaggio Pilot piston		Inizio apertura Cracking pressure	Materiale collettore Body material
A	O-RING sul pist. di pilotaggio Pilot piston O-RING	J 1 bar Molla (colore nero) Spring (black)	Acciaio zincato Zinc plated steel
O	Senza O-RING sul pist. di pilotaggio No pilot piston O-RING	W 6÷8 bar Molla (colore giallo) Spring (yellow)	

A-VNR-CS-DE-38-FC2-FP-W



CARATTERISTICHE

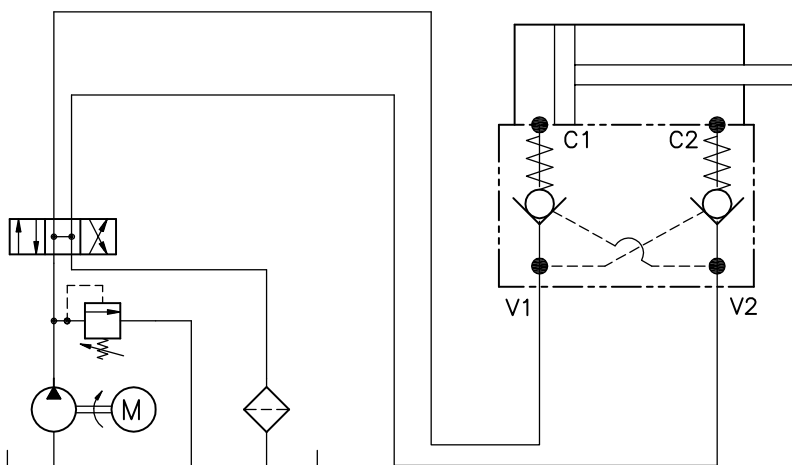
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio

30 litri/min
350 bar
7.1:1

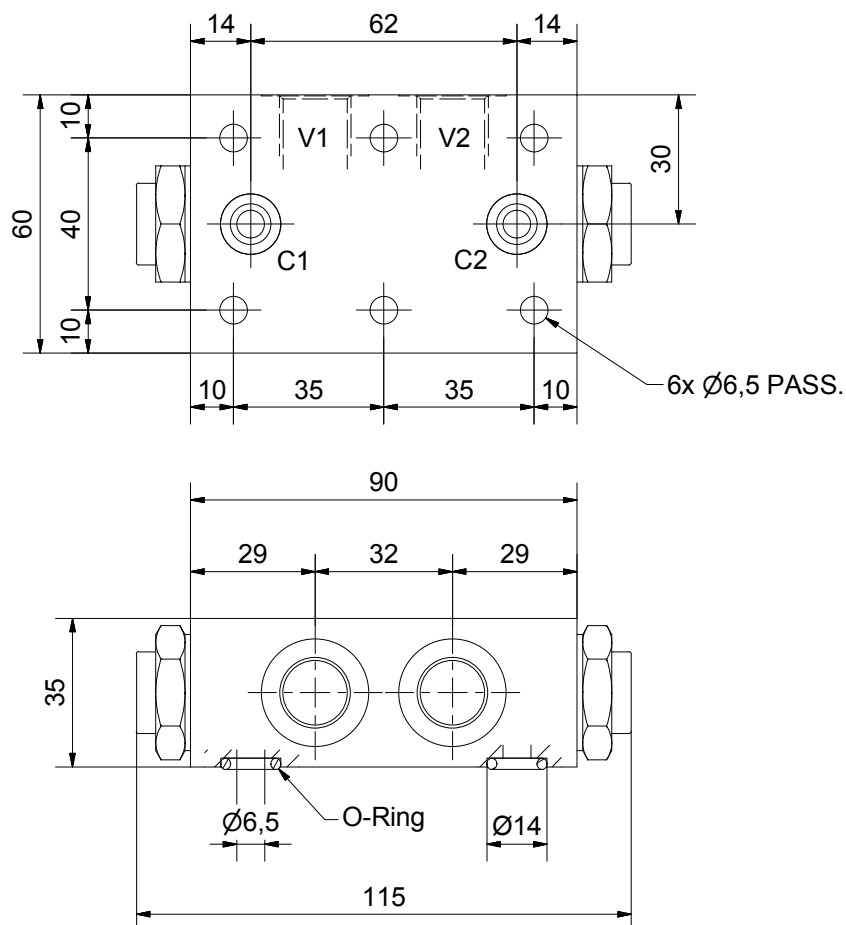
PERFORMANCE

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	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

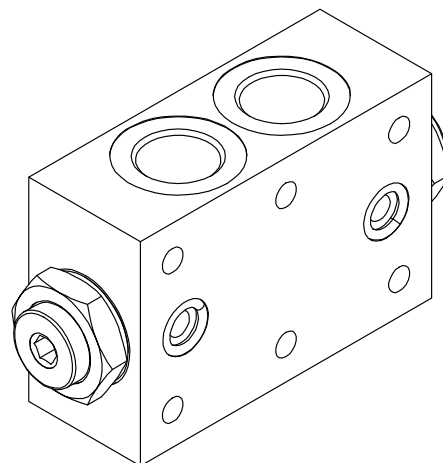
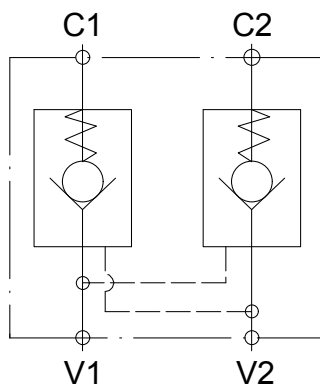
Inizio apertura
Cracking pressure

J	1 bar
W	6÷8 bar

Materiale collettore
Body material

Acciaio zincato
 Zinc plated steel

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



CARATTERISTICHE

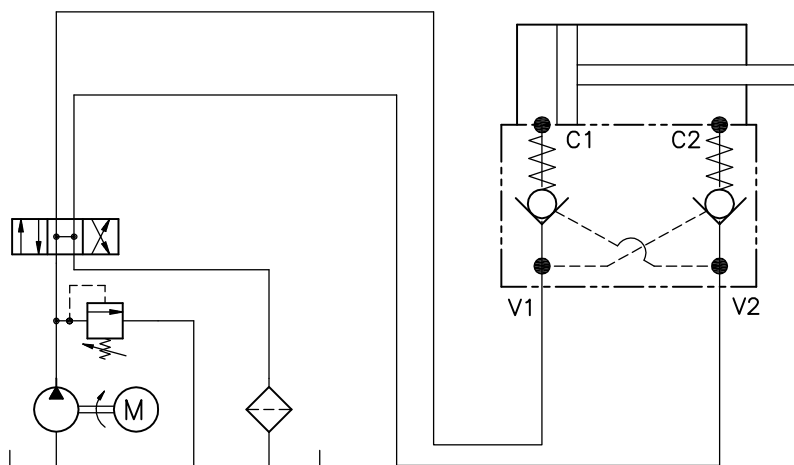
Portata min/max
Pressione max. di picco
Rapporto di pilotaggio

35 litri/min
350 bar
7.1

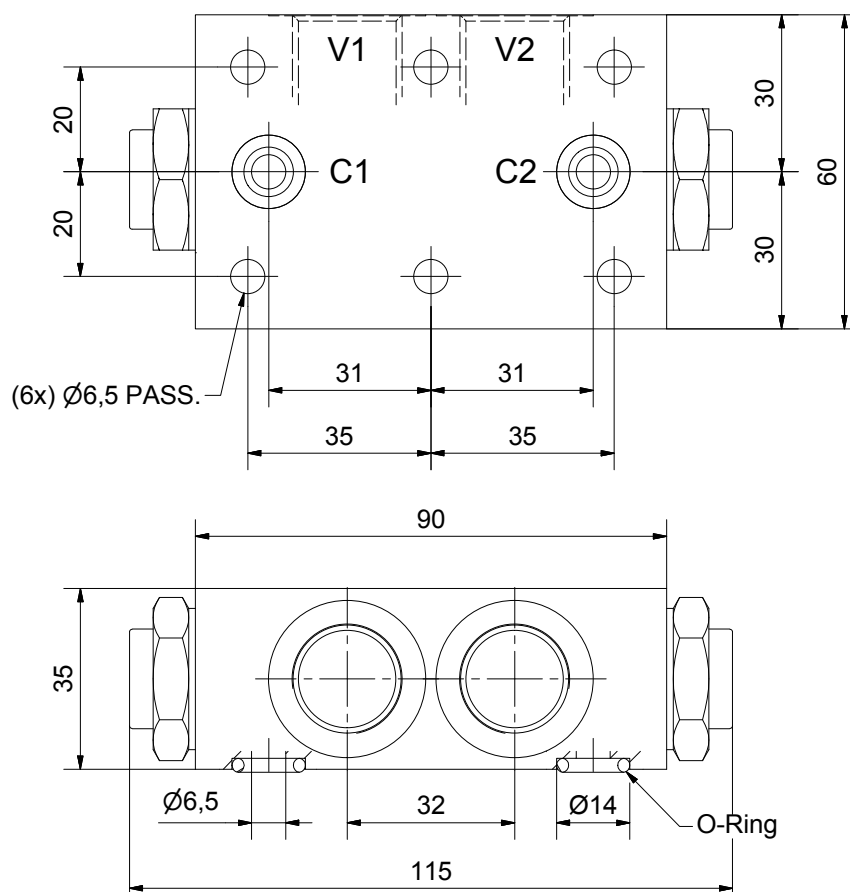
PERFORMANCE

Min/max flow-rate
Max peak pressure
Pilot ratio

ESEMPIO TIPICO DI CIRCUITO



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

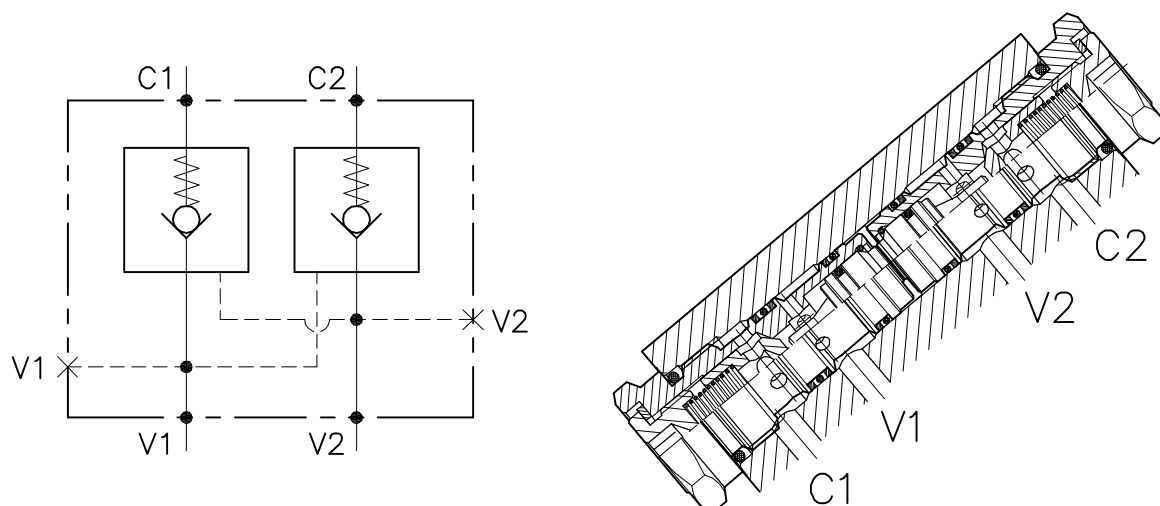
Inizio apertura
Cracking pressure

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-....-....

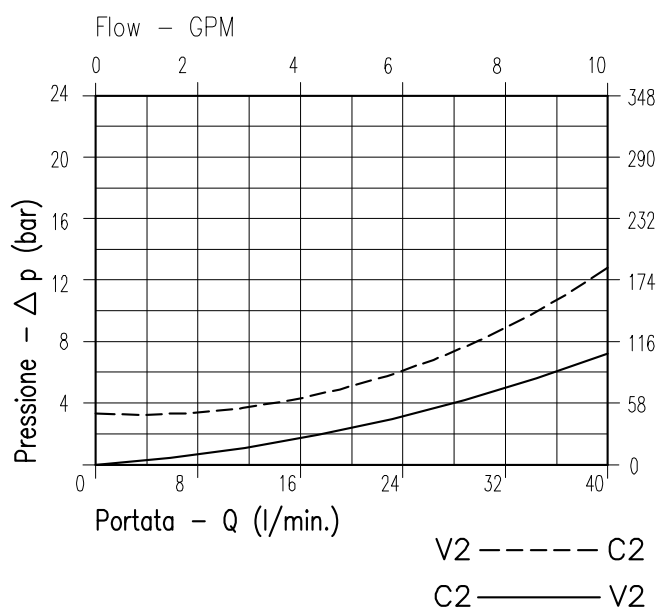


CARATTERISTICHE

Luce nominale	DN 6
Portata min/max	1/40 l/min. - 0.26/10.6 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

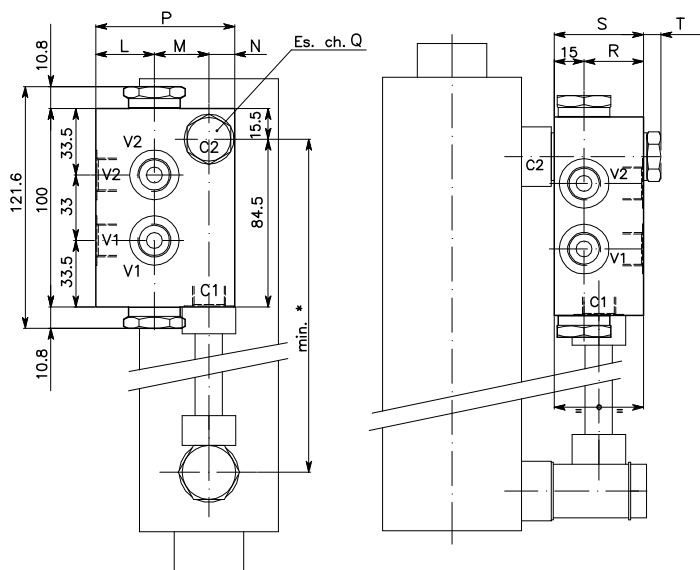
PERFORMANCE

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

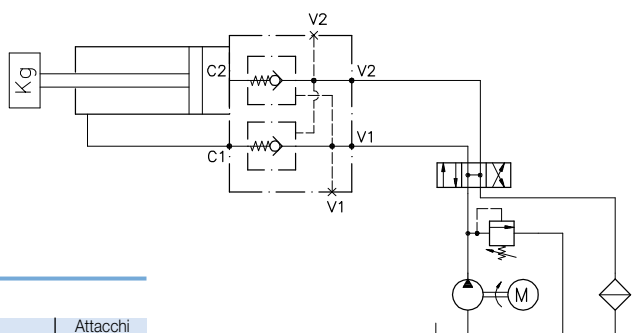


Viscosità olio 46 cSt a 50°C
Oil viscosity 46 cSt at 50°C

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

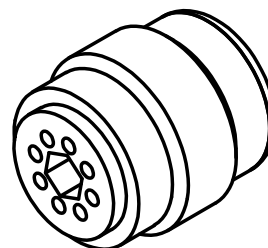
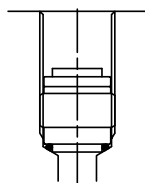
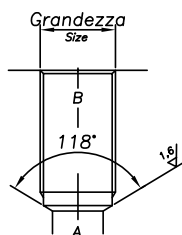
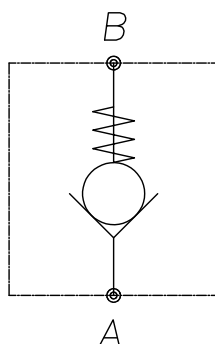


DIMENSIONI DIMENSIONS

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



CARATTERISTICHE

Grandezza	1/4"- 3/8"- 1/2"- 3/4"
Portata min/max	Vedi tabella - See table
Pressione max. di picco	350 bar
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30
Peso	Vedi tabella - See table
Trafilamento interno	0.15 - 0.25 cc/min

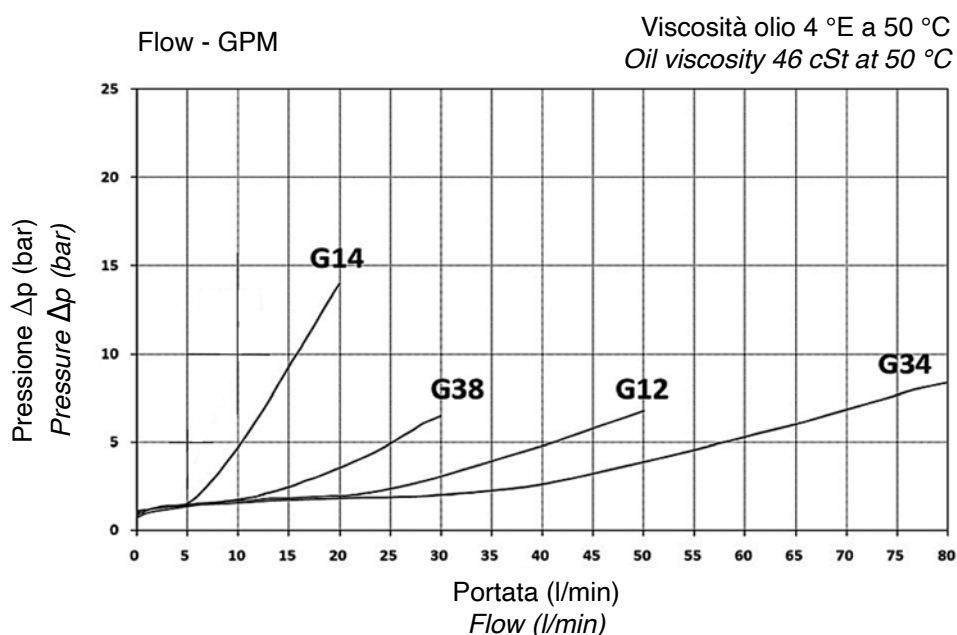
PERFORMANCE

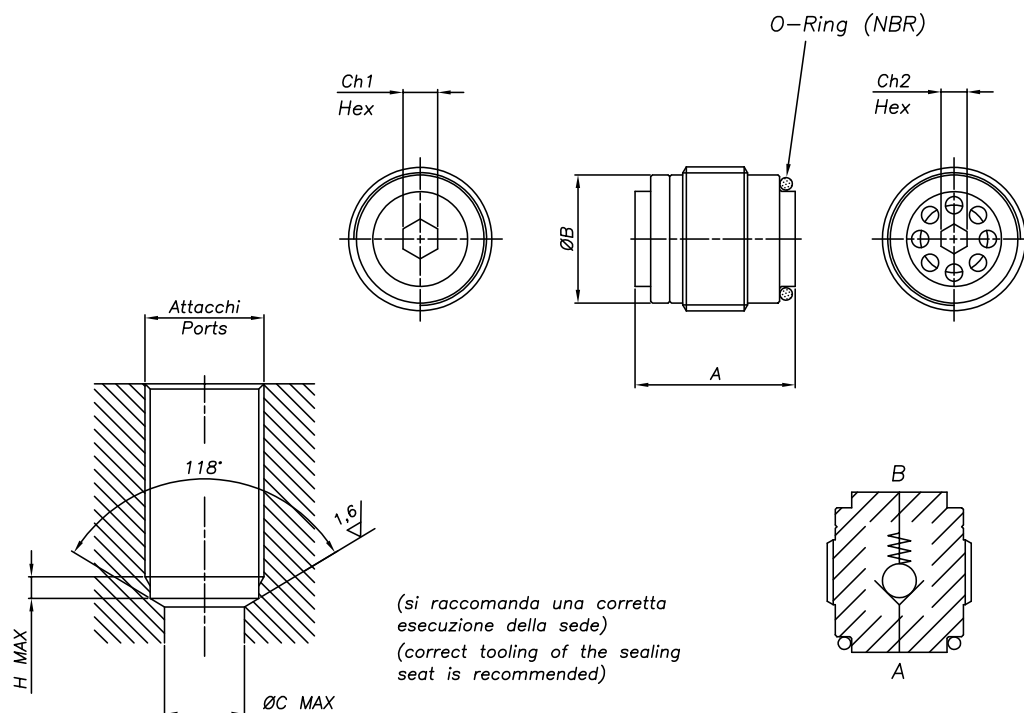
Size
Min/max flow-rate
Max peak pressure
Room temperature
Oil temperature
Recommended filtration
Weight
Internal leakage

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

il montaggio avviene in cavità filettate con spallamento a 118° per assicurare la perfetta tenuta. L'installazione a rovescio è possibile, ma non preferibile.

Screw-in, direct acting, in-line chek valves. These unidirectional valves are particularly suitable to be used in integrated circuits due to small dimensions and ease of installation. Mounting is made inside threaded cavities with shoulder at 118° to ensure perfect sealing. Reversed installation is possible, but not recommended.





DIMENSIONI DIMENSIONS

N° VALVOLA VALVE NUMBER	ATTACCHI PORTS	A	B	C	H	Ch1	Ch2	Portata Max max flow	Coppia ser- raggio Tightening torque	Peso weight kg
	GAS	mm	mm	mm	mm	mm	mm	l/min	Nm	kg
183	1/4"GAS	17	11,3	7	3	3	2.5	20	4	0.013
186	3/8"GAS	18,5	14.8	9	3	4	3	30	6	0.021
279	1/2"GAS	22.5	18.5	12	4	6	5	50	10	0.041
296	3/4"GAS	28	24	17	5	8	8	80	20	0.082

CODICE DI ORDINAZIONE HOW TO ORDER

003 296 0 0 0

Numero valvola / Valve number

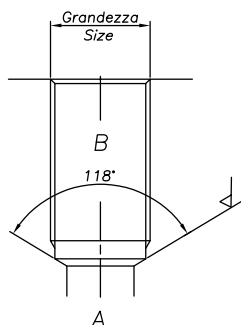
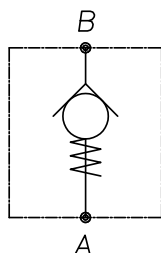
183

186

279

296

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

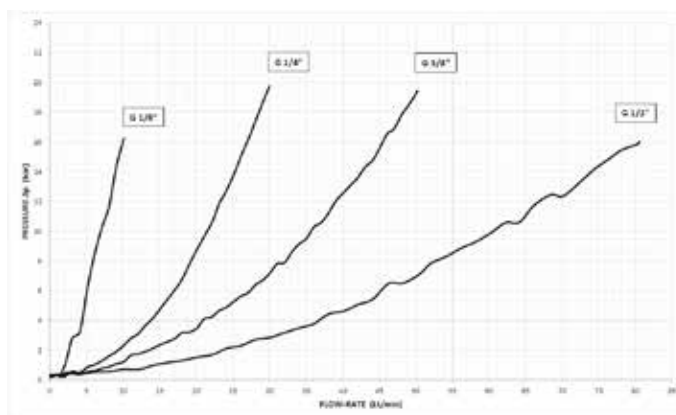
Sono valvole unidirezionali ad inserto filettato particolarmente indicate per l'impegno nei circuiti integrati per le modeste dimensioni a la facoltà di montaggio.

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

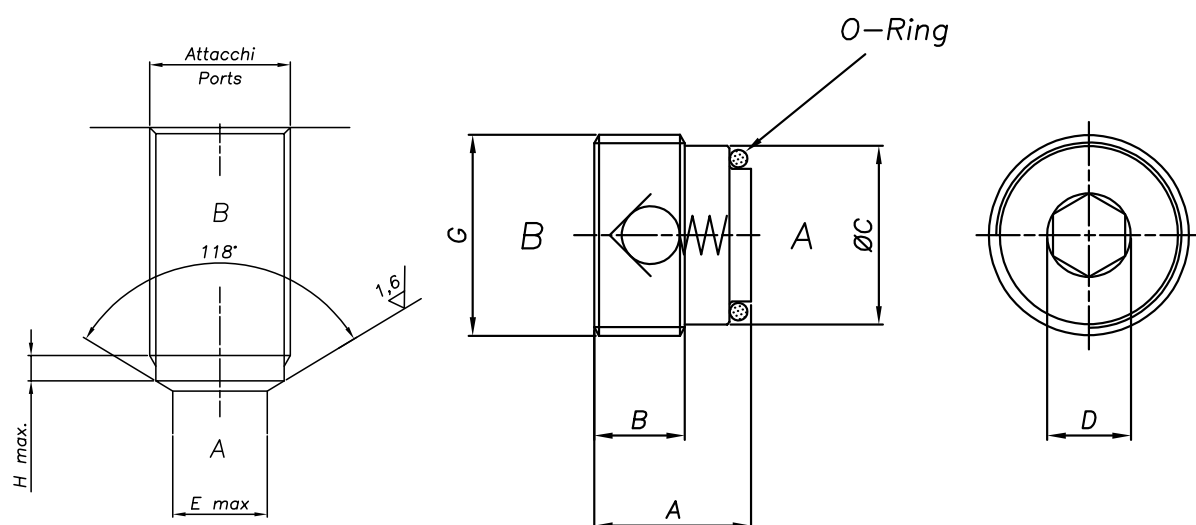
These Unidirectional valves are particularly suitable to be used in integrated circuits due to very small dimension and ease of installation. Mounting is made inside threaded cavities with shoulder at 118° to ensure perfect sealing.

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

Pressione Δp (bar)
Pressure Δp (bar)



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



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
508	1/8"GAS	8	3.9	8.5	4	3	5	10	10	0.003
355	1/4"GAS	10.2	5.5	11.5	6	3	7	30	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

003 508 0 0 0

Numero valvola / Valve number

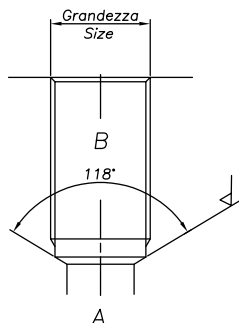
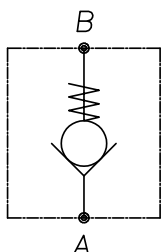
508

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

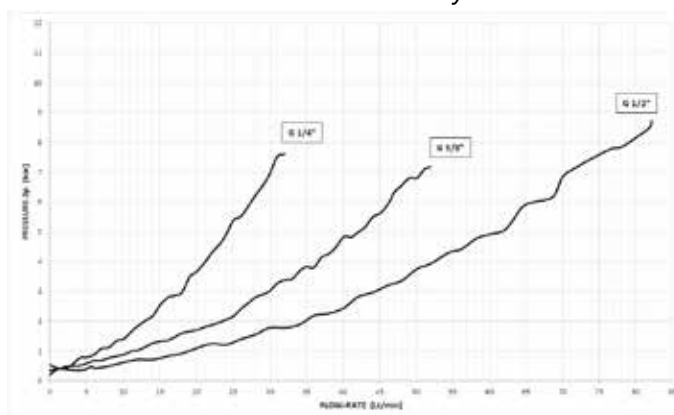
Cracking pressure

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.

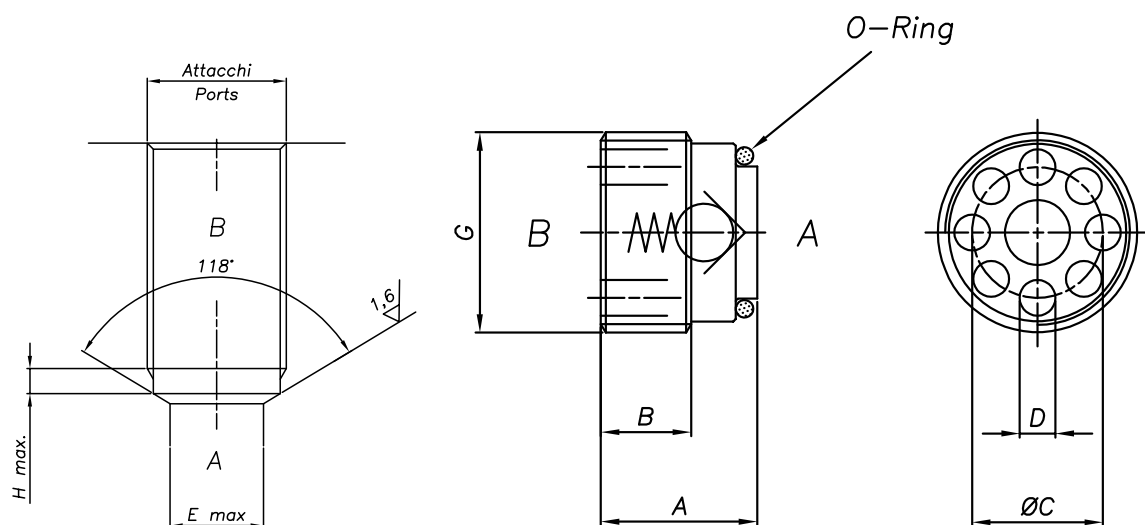
These Unidirectional valves are particularly suitable to be used in integrated circuits due to very small dimension and ease of installation. Mounting is made inside threaded cavities with shoulder at 118° to ensure perfect sealing.

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	30	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

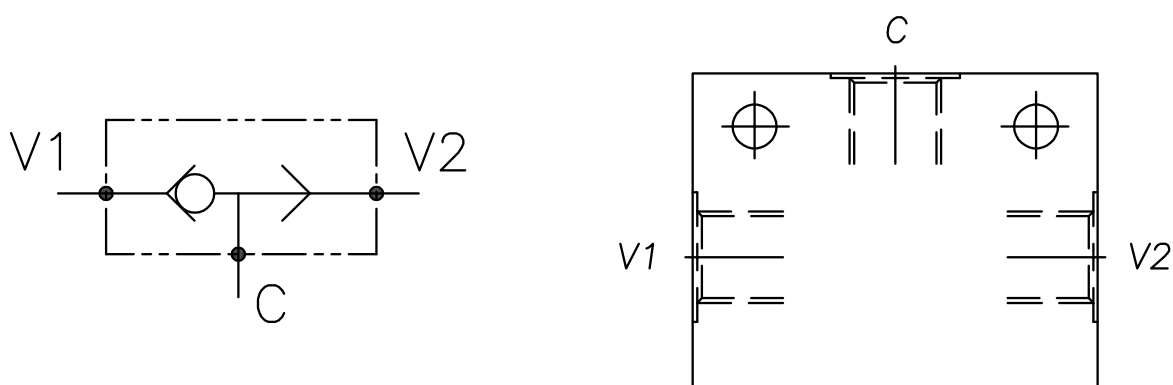
003 295 0 0 0

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

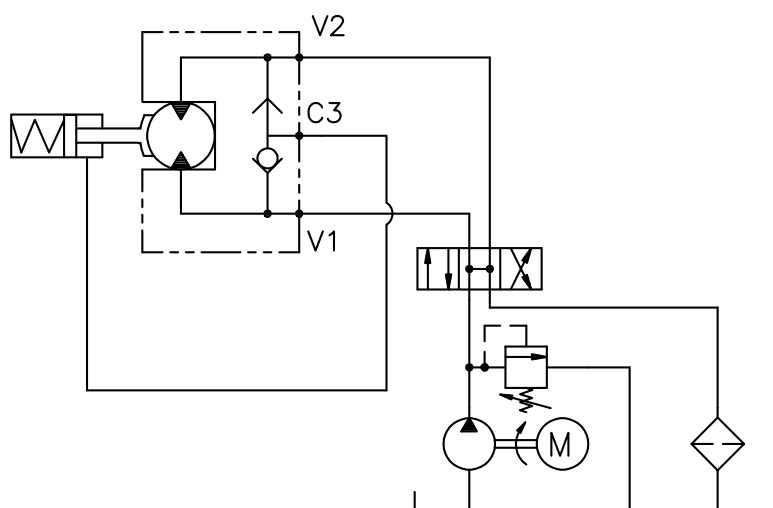
30 + 50

Vedi tabella - See table

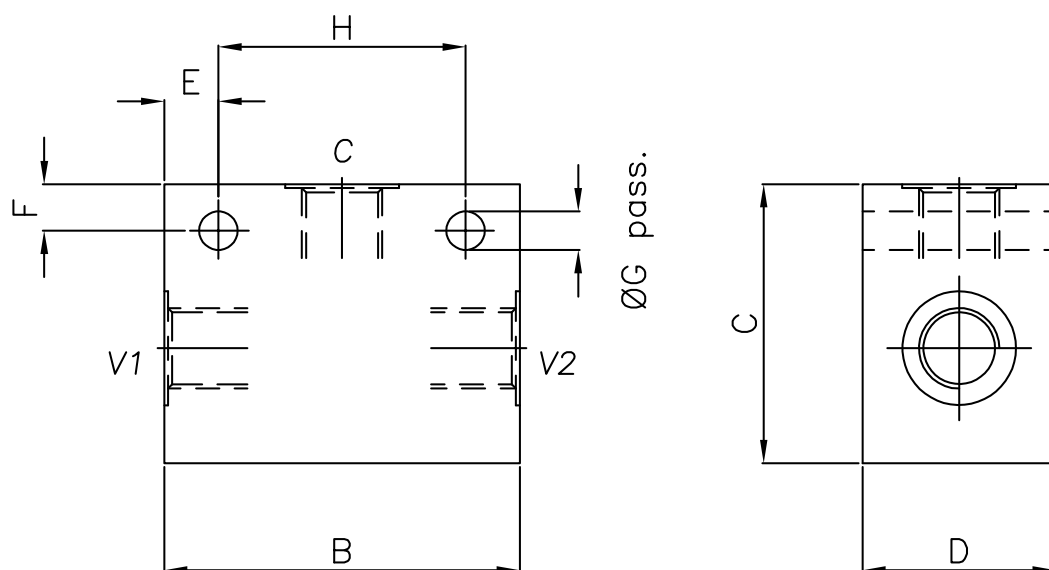
PERFORMANCE

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

ESEMPIO TIPICO DI CIRCUITO TYPICAL CIRCUIT EXAMPLE



VALVOLA SELETRICE 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

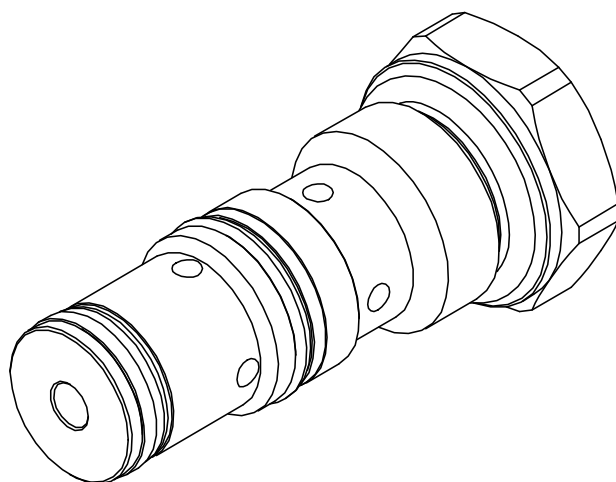
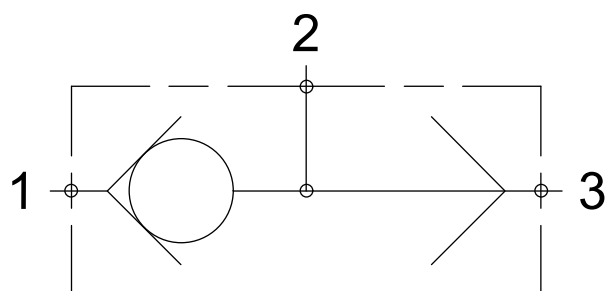
230

231

Materiale collettore
Body material

Acciaio zincato
Zinc plated steel

VFF-C-M18



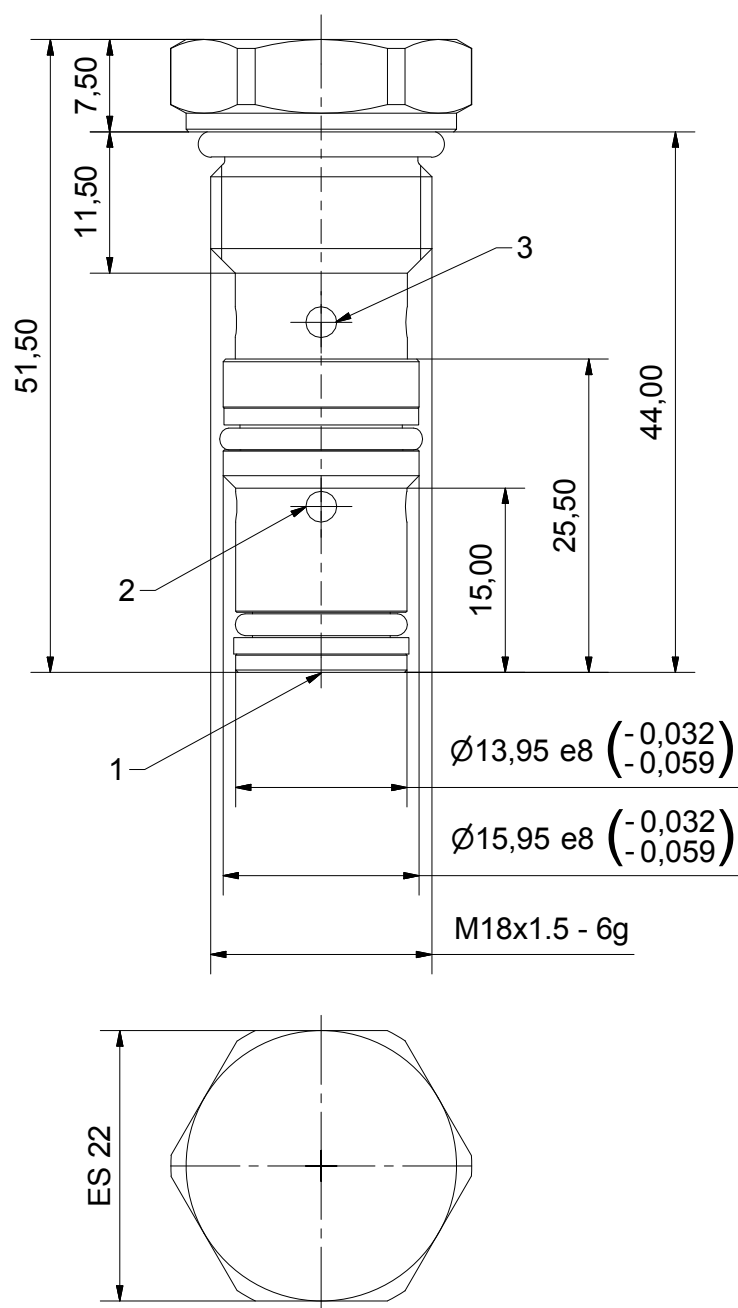
CARATTERISTICHE

Portata min/max
Pressione max. di picco
Portata nominale
Materiali

15 l/min
350 bar 5075 PSI
10 l/min
Acciao steel

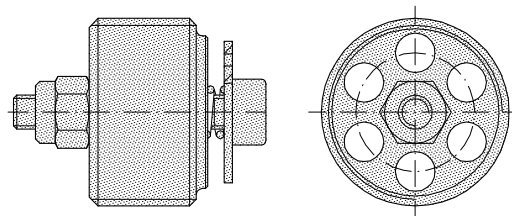
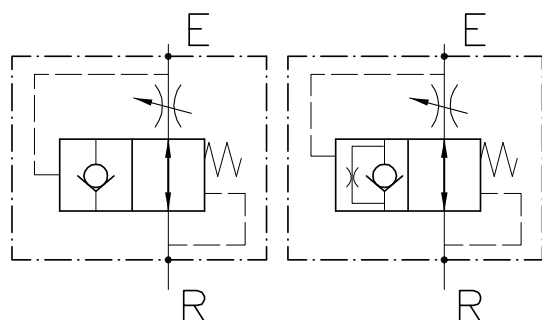
PERFORMANCE

Min/max flow-rate
Max peak pressure
Room temperature
materials



CODICE DI ORDINAZIONE
HOW TO ORDER

003 376 0 0 0



CARATTERISTICHE

Grandezza	1/4" 3/8" 1/2" 3/4" 1"
Portata max	Vedi pag 26/see pag 26
Pressione max.	350 bar (1" size 350 bar)
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	30-50 micron
Peso	vedi pag 26/see pag 26

PERFORMANCE

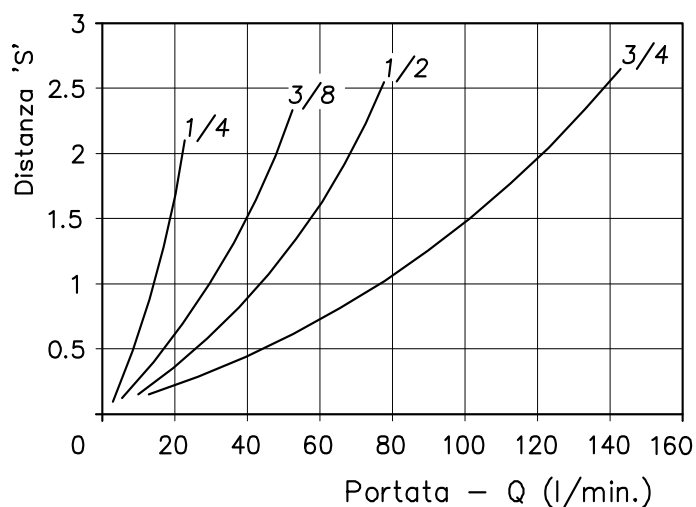
Size
Max flow
Max pressure
Room temperature
Oil temperature
Recommended filtration
Weight

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)

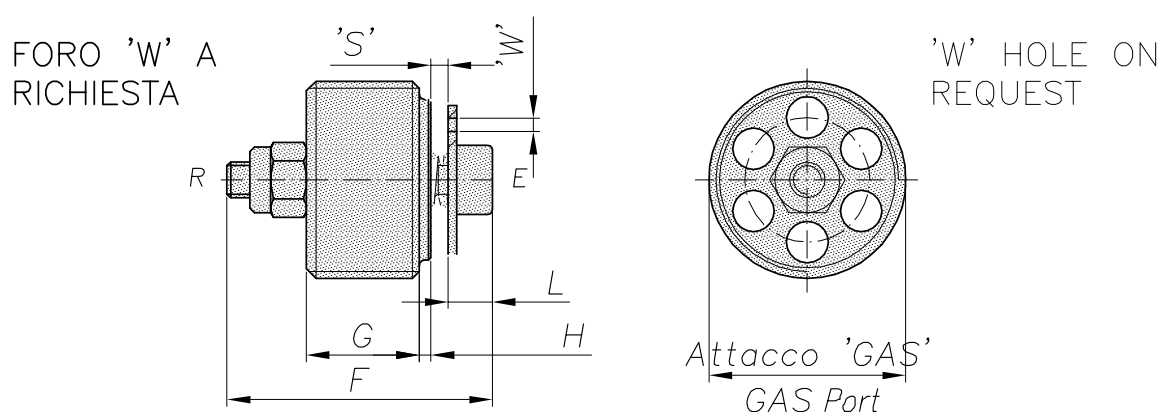
The valves block the oil discharged by an actuator holding heavy loads in case the load lowering speed exceeds the medium acceptable speed, for example in case of hose failure. The valves should be screwed either directly on the actuator or on the in-line manifold, mounted as close as possible to the 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



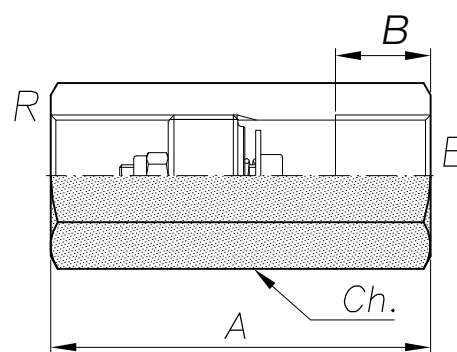
CODICE DI ORDINAZIONE
ORDERING CODE

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
003.076.000	40	18	2	9	1"	19	180-39.6	0.098	15

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

FEMMINA-FEMMINA
FEMALE-FEMALE

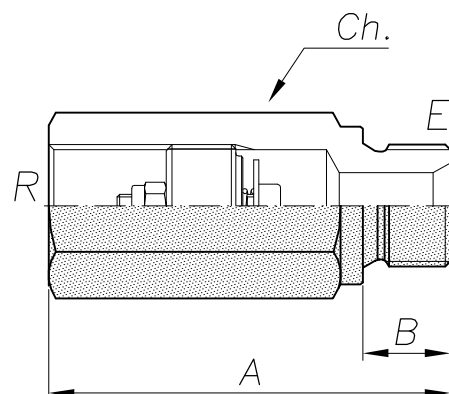
CODICE ORDINAZIONE ORDERING CODE	A	B	Ch	Attacchi port size GAS (BSPP)	Peso weight kg
003.067.000	59	12	19	1/4"	0.07
003.068.000	64	12	22	3/8"	0.095
003.069.000	73	14	27	1/2"	0.145
003.070.000	76	16	32	3/4"	0.22
003.077.000	86	20	41	1"	0.435



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

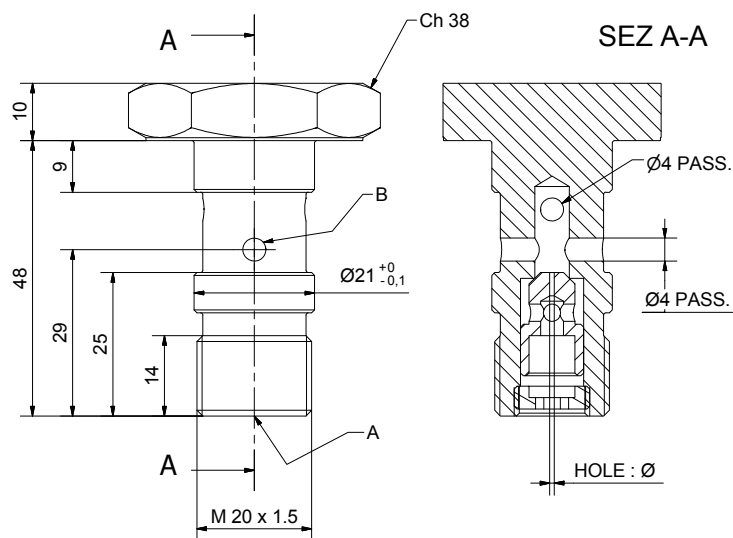
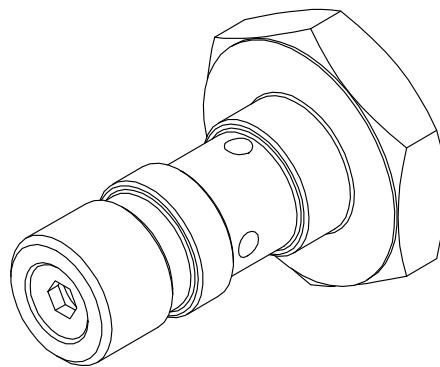
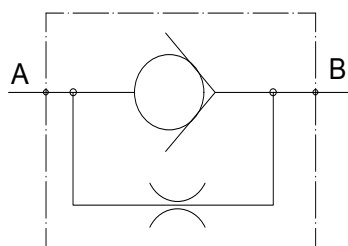
MASCHIO-FEMMINA
MALE-FEMALE

CODICE ORDINAZIONE ORDERING CODE	A	B	Ch	Attacchi port size GAS (BSPP)	Peso weight kg
003.063.000	50	11	19	1/4"	0.07
003.064.000	60	12	22	3/8"	0.095
003.065.000	65	16	27	1/2"	0.145
003.066.000	78	17	32	3/4"	0.22
003.078.000	92	17	41	1"	0.436



VNR-BL-ST-2015

VALVOLA DI BLOCCO PASSAGGIO CALIBRATO - CHECK VALVE WITH CALIBRATED FLOW



CARATTERISTICHE

Portata min/max

10 l/mm

Pressione max. di picco

350 bar

Materiale

Acciaio zincato/zinc plated steel

Coppia di serraggio

30 - 50

PERFORMANCE

Min/max flow-rate

Max peak pressure

Material

Tightening torque

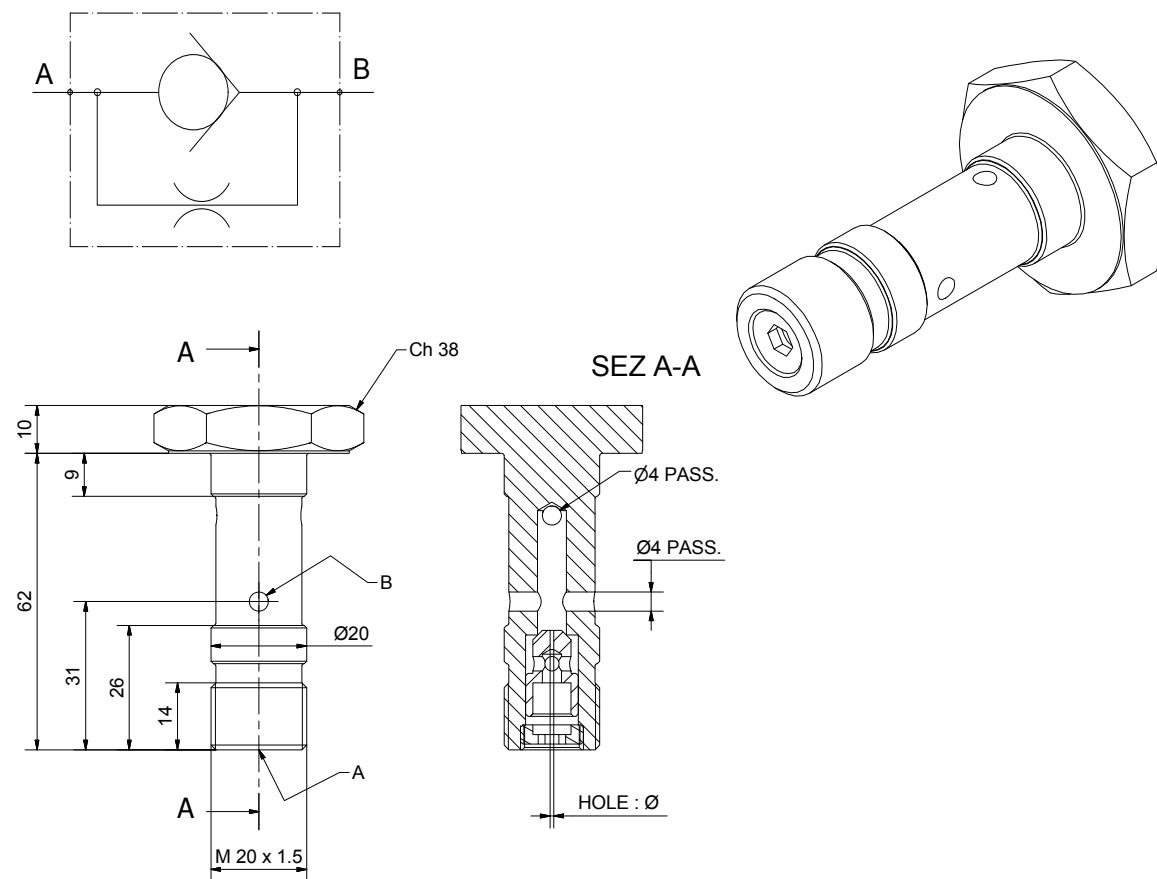
CODICE DI ORDINAZIONE HOW TO ORDER

003 353 0 0 0 0 B

Numero valvola / Valve number	Orifice diameter
003 353 000 0B	HOLE Ø 0.8
003 353 000 0C	HOLE Ø 1
003 353 000 0D	HOLE Ø 1.25
003 353 000 0E	HOLE Ø 1.5
003 353 000 0F	HOLE Ø 1.75
003 353 000 0G	HOLE Ø 2
003 353 000 0H	HOLE Ø 2.5
003 353 000 0I	HOLE Ø 2.7

VNR-BL-ST-2015-62 mm

VALVOLA DI BLOCCO PASSAGGIO CALIBRATO - CHECK VALVE WITH CALIBRATED FLOW



CARATTERISTICHE

Portata min/max

10 l/mm

Pressione max. di picco

350 bar

Materiale

Acciaio zincato/zinc plated steel

Coppia di serraggio

30 - 50

PERFORMANCE

Min/max flow-rate

Max peak pressure

Material

Tightening torque

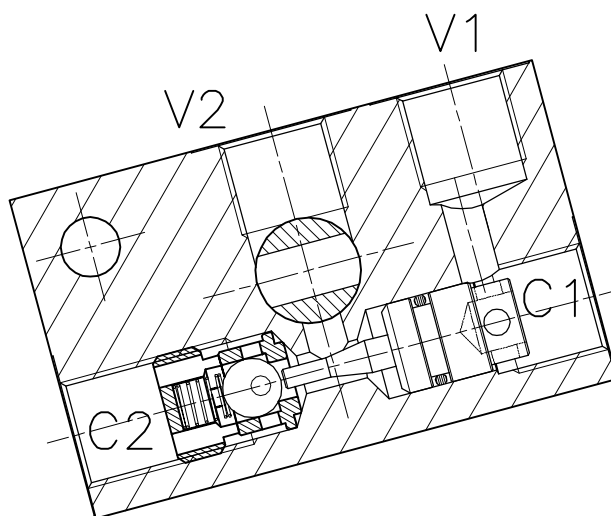
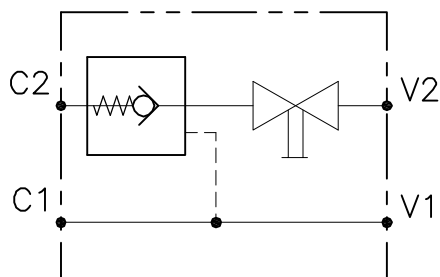
CODICE DI ORDINAZIONE

HOW TO ORDER

003 393 0 0 0 0 B

Numero valvola / Valve number	Orifice diameter
003 393 000 0B	HOLE Ø 0.8
003 393 000 0C	HOLE Ø 1
003 393 000 0D	HOLE Ø 1.25
003 393 000 0E	HOLE Ø 1.5
003 393 000 0F	HOLE Ø 1.75
003 393 000 0G	HOLE Ø 2
003 393 000 0H	HOLE Ø 2.5
003 393 000 0I	HOLE Ø 2.7

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

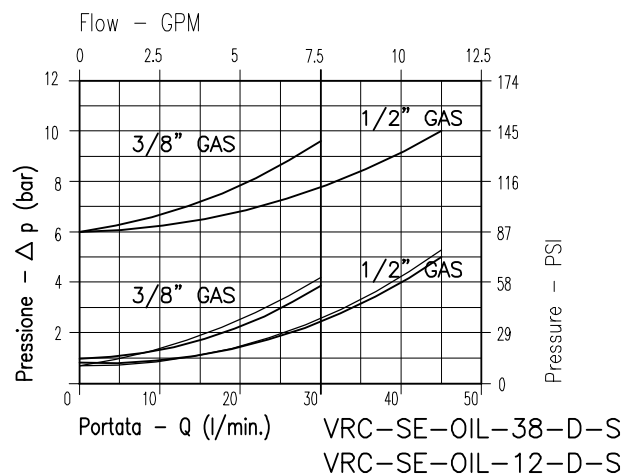
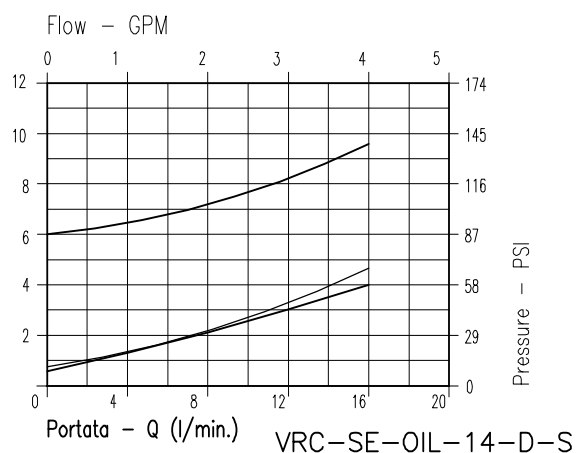


CARATTERISTICHE

Luce nominale	DN 8
Portata min/max	vedi diagramma / see performance graph
Pressione di lavoro max.	350 bar - 5075 PSI
Rapporto di pilotaggio	5.3 : 1
Temperatura ambiente	-30°C + 50°C
Temperatura olio	-30°C + 80°C
Filtraggio consigliato	50 micron

PERFORMANCE

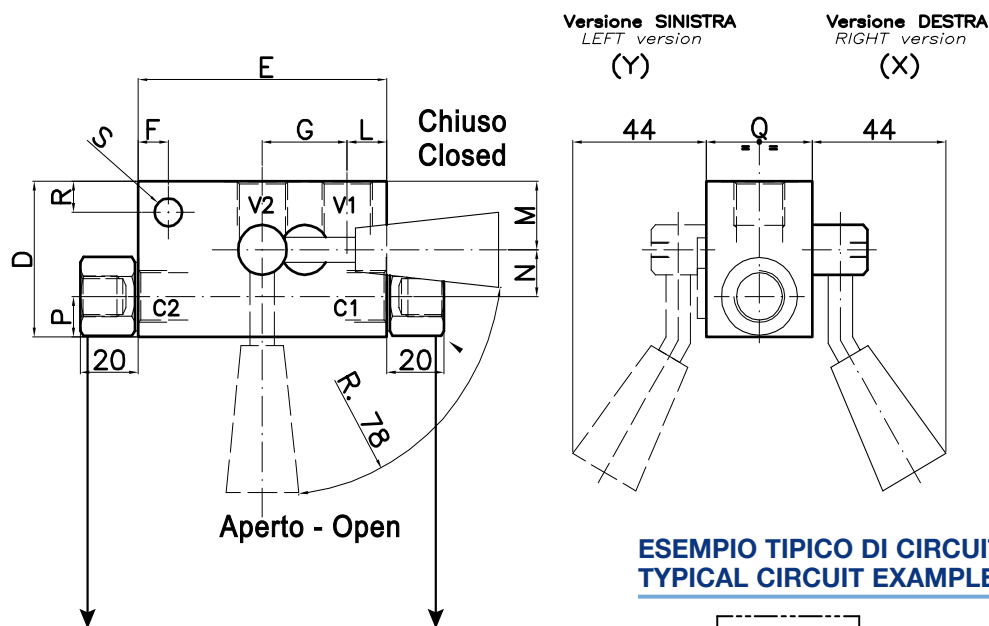
Rated size
Min/max flow-rate
Max working pressure
Pilot ratio
Room temperature
Oil temperature
Recommended filtration



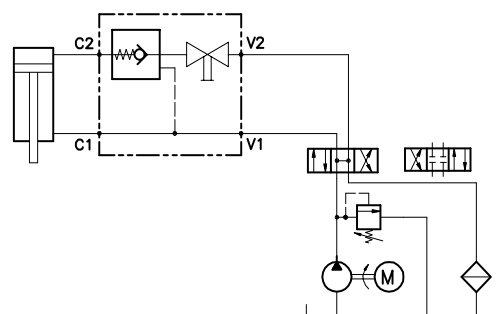
- 8Bar Flusso libero (free flow)
- 1Bar Flusso libero (free flow)
- Flusso pilotato (piloted flow)

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



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
341	50	82	10	28	13	22	15	13	35	10	9	16	3/8"-1/4"
297	50	82	10	28	13	30	20	13	35	10	9	35	3/8"-3/8"
348	65	90	10	35	15	30	20	15	35	10	9	45	1/2"-1/2"

CODICE DI ORDINAZIONE HOW TO ORDER

003	341	0	X	0	A
	Numero valvola / Valve number		Tipo Type		Materiale collettore Body material
	341		X DESTRA RIGHT		Acciaio zincato Zinc plated steel
	297		Y SINISTRA LEFT		
	348				