

Minicentrali Oleodinamiche

Hydraulic Compact Power Unit

V.11/2024



www.nexoil.it

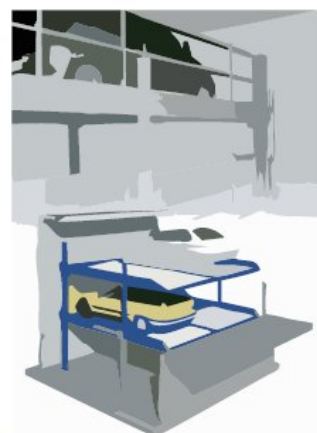
Minicentrali Oleodinamiche

Hydraulic Compact Power Unit

Cat. Code 3320959

Applicazioni tipiche

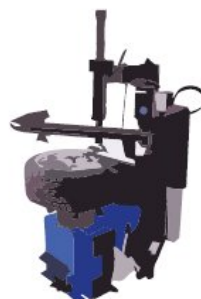
Typical applications



- Sollevatori auto - Car lifters
- Piattaforme di sollevamento - Lifting platforms
- Ribaltabili - Dump Trucks
- Livellatori di carico - Tail lifts
- Rampe di carico - Dock levelers
- Portoni sezionali industriali - Sectional industrial doors



- Smontagomme - Tyre changer
- Presse - Presses
- Spaccalegna - Log splitters
- Segatrici a nastro - Bandsaw machines
- Macchine utensili - CNC Machines
- Gru idrauliche - Hydraulic Cranes
- Piegatrici - Bending machines
- Sistemi di parcheggio - Parking systems



- Torri faro - Lighting towers
- Passerelle idrauliche - Hydraulic gangways

- Macchine per il vetro - Glass making machines

- Macchine per la lavorazione della pietra - Stone processing machines

- Avvolgitori e svolgitori - Uncoilers and recoilers



Limiti di Funzionamento

Typical applications

Temperatura

Temperature

80°C (con serbatoio in lamiera)

80°C (with steel tanks)

70°C (con serbatoio in PE)

70°C (with PE tanks)

Viscosità

Viscosity

minima 12 mm²/s

Min. 12 mm²/s

massima 80 mm²/s

max 80 mm²/s

Viscosità massima all'avviamento 500 mm²/s

Max viscosity at start up 500 mm²/s

Pressione

Pressure

Pressione massima in funzione della pompa e della valvola di massima montate

Maximum pressure depending on pump and relief valve used

Installazione e precauzioni d'uso

Installation and precautions

- 1) La centrale può essere fissata alle carpenterie tramite i fori M10 presenti sul corpo centrale, con i fori passanti da 11mm presenti sul piedino di supporto disponibile come accessorio, oppure tramite quelli presenti alla base dei serbatoi in lamiera.

The unit can be fixed to frameworks by two M10 threaded holes on the central manifold, by two 11mm holes on the foot support available as optional or by the holes eventually available on the feet of the steel tanks.

- 2) Preferibilmente le unità non devono essere a contatto con parti che possono trasmettere vibrazioni.

If possible the power pack should not be in contact with parts which can transmit vibrations.

- 3) Le centraline sono progettate per essere accoppiate a motori IEC in lega d'alluminio fino alla taglia 112. Se la centralina è fissata in posizione orizzontale sulla carpenteria di un altro apparato, è preferibile assemblare i motori in C.A. a posizionamento avvenuto.

The power units are designed to be coupled with aluminum alloy AC IEC motors up to 112 frame. If the power pack is fixed horizontally on the framework of another apparatus and it has to be transported, we suggest to assemble AC motors when the positioning of the framework has been done.

- 4) Il collegamento idraulico deve essere effettuato tramite raccordi con filettatura cilindrica e guarnizione di tenuta in rame o tramite raccordi cilindrici con o-ring sotto testa. Sono da evitare raccordi con filettatura conica che possono danneggiare le filettature del corpo centrale e/o dei blocchi modulari.

Hydraulic piping should be made through cylindrical thread fittings and with copper seals or with cylindrical fittings with NBR o-rings under the head. It is to avoid the use of conical fittings which may damage the threads of the central manifold and of modular blocks.

- 5) Verificare il senso di rotazione del motore con impulsi di 1 secondo (max.): guardando il motore, l'albero deve ruotare in senso antiorario, oppure collegare un manometro e azionando in modo appropriato le eventuali valvole.

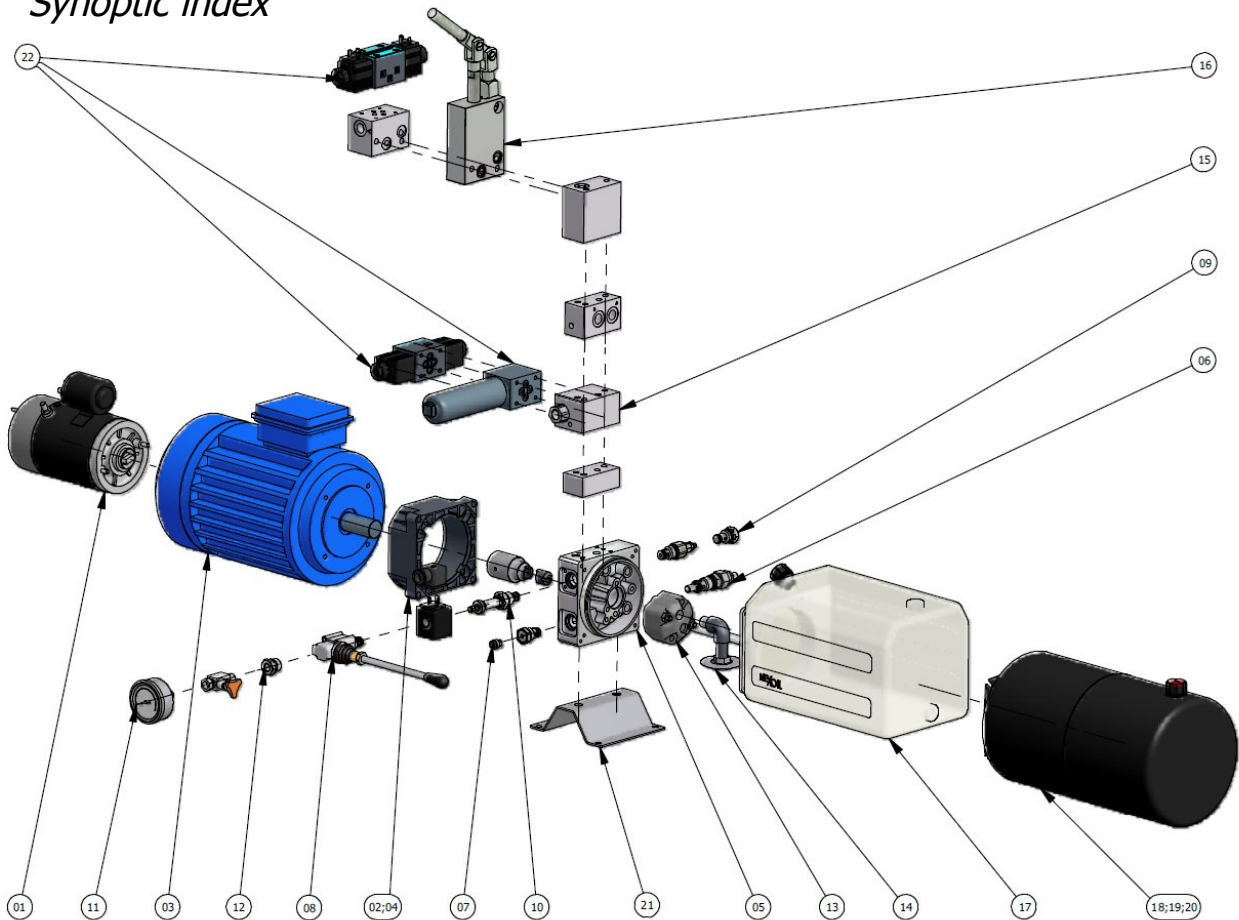
When starting up a power pack, verify the direction of rotation of the motors by 1 sec max pulses: Looking at the motor head the motor shaft must rotate counterclockwise (CCW). rOwtishee plug a manometer and switch properly the eventual valves.

- 6) Il serbatoio deve essere riempito con olio nuovo a base minerale ISO 6743/4 filtrando l'olio durante il riempimento.

The tank must always be filled with new mineral oil according to ISO 6743/4 standards filtered during the fill.

Indice sinottico

Synoptic index



Ref. Sezione

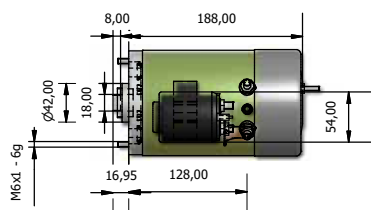
- 01 **Motori elettrici in corrente continua e accessori -**
- 02 **Accoppiamenti motori elettrici C.C.**
- 03 **Motori elettrici in corrente alternata**
- 04 **Parti per accoppiamento motori elettrici C.A.**
- 05 **Corpi centrali**
- 06 **Valvole di massima pressione**
- 07 **Valvole di ritegno**
- 08 **Valvole ad azionamento manuale, pneumatiche, altre**
- 09 **Valvole di controllo di flusso**
- 10 **Elettrovalvole a cartuccia**
- 11 **Manometri, pressostati e accessori**
- 12 **Tappi SAE per cavità corpo centrale e raccordi**
- 13 **Pompe ad ingranaggi**
- 14 **Filtri e componenti per aspirazione e scarico**
- 15 **Blocchi e valvole modulari cetop3**
- 16 **Pompe di emergenza manuali**
- 17 **Serbatoi in plastica**
- 18 **Serbatoi cilindrici in acciaio**
- 19 **Serbatoi rettangolari in acciaio con coperchio**
- 20 **Serbatoi rettangolari in acciaio con collare**
- 21 **Acessori**
- 22 **Valvole e accessori modulari Cetop3**

Section

- Direct current electric motors and accessories*
- DC electric motors couplings*
- Standard alternate current motors*
- AC Electric motors coupling accessories*
- Central manifolds*
- Relief valves*
- Check valves*
- Hand operated, pneumatic and other valves*
- Flow control valves*
- Solenoid cartridge valves*
- Pressure gauges / switches and accessories*
- SAE plugs for central manifold and fittings*
- Gear pumps*
- Filters, suction and return line components*
- Cetop3 modular valves and manifolds*
- Emergency hand operated pumps*
- Plastic tanks*
- Cylindrical steel tanks*
- Rectangular steel tanks with cover*
- Rectangular steel tanks with collar*
- Accessories*
- Cetop3 modular valves and accessories*

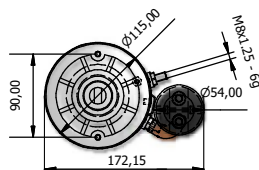
01 Motori elettrici in corrente continua e accessori

Direct current electric motors and accessories



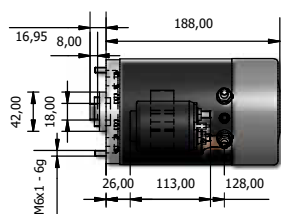
R9083604

Motore 12V C.C. D.114mm con protezione termica e teleruttore di avviamento (DX)
 12V D.114mm DC Motor with thermal protection and starting switch (CW)
 12V DC 1.600W 200A 2.650 rpm S2 2 min S3 5% ED 7,4 kg



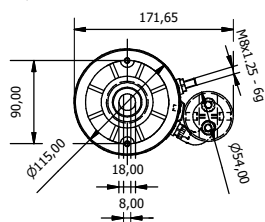
R9083613

Motore 24V C.C. D.114mm con protezione termica e teleruttore di avviamento (DX)
 24V D.115mm DC Motor with thermal protection and starting switch (CW)
 24V DC 2.200W 200A 2,600 rpm S2 2 min S3 5% ED 7,6 kg



R9083602 (AMJ-5197)

Motore 12V C.C. D.115mm con protezione termica e teleruttore di avviamento (DX)
 12V D.115mm DC Motor with thermal protection and starting switch (CW)
 12V DC 1,600W 230A 2.750 rpm S2 3 min S3 7,5% ED 7,2 kg

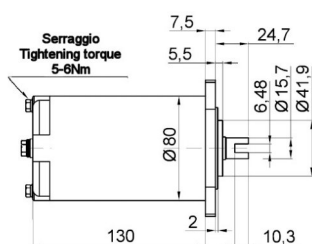


R9083631 (AMJ-5196)

Motore 24V C.C. D.115mm con protezione termica e teleruttore di avviamento (DX)
 24V D.115mm DC Motor with thermal protection and starting switch (CW)
 24V DC 2,200W 120A 2,600 rpm S2 1,2 min S3 4,5% ED 7,2 kg

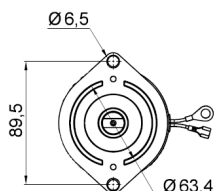
R9083601

Motore 12V C.C. D.80 mm con protezione termica (Bidirezionale)
 12V D.80 mm DC Motor with thermal protection (Bidirectional)
 12V DC 500W 70A 2,300 rpm S2 2,5 min S3 10% ED 3,0 kg



R9083607

Motore 12V C.C. D.80 mm con protezione termica (Bidirezionale)
 12V D.80 mm DC Motor with thermal protection (Bidirectional)
 12V DC 800W 90A 3,100 rpm S2 2,5 min S3 10% ED 3,0 kg



R9083606

Motore 24V C.C. D.80 mm con protezione termica (Bidirezionale)
 24V D.80 mm DC Motor with thermal protection (Bidirectional)
 24V DC 500W 35A 2,400 rpm S2 2,5 min S3 10% ED 3,0 kg

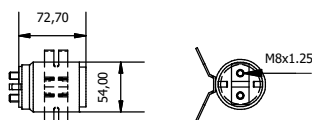
R9083638

Motore 24V C.C. D.80 mm con protezione termica (Bidirezionale)
 24V D.80 mm DC Motor with thermal protection (Bidirectional)
 24V DC 800W 35A 3,100 rpm S2 2,5 min S3 10% ED 3,0 kg

01 Motori elettrici in corrente continua e accessori

Direct current electric motors and accessories

R9295001 (ST12)



Interruttore di avviamento 12V 150A 12V 150A starting switch

Corrente nominale 150A
Nominal current 150A

Corrente di picco 350A
Short time current 350A

Tensione nominale 12V DC
Rated voltage 12V DC

Corrente massima in continuo $\leq 150A$
Maximum permanent current $\leq 150A$

Temperatura di lavoro -20 + 50°C
Working temperature -20 + 50°C

R9295003 (ST24)



Interruttore di avviamento 24V 150A 24V 150A starting switch

Corrente nominale 150A
Nominal current 150A

Corrente di picco 350A
Short time current 350A

Tensione nominale 24V DC
Rated voltage 24V DC

Corrente massima in continuo $\leq 150A$
Maximum permanent current $\leq 150A$

Temperatura di lavoro -20 + 50°C
Working temperature -20 + 50°C

R7115152 (KST-90)



Kit montaggio teleruttore motore C.C. D.80 mm Starting switch assembly kit D.80 DC Motor

R8278002 (TCU80) Treccia in rame isolata L=80 mm
Isolated copper braid L=80 mm

R9155003 (KC90) Fascetta avvitabile inox D=90 mm
Screw-on stainless steel band D=90 mm

R7115151 (KST-130)



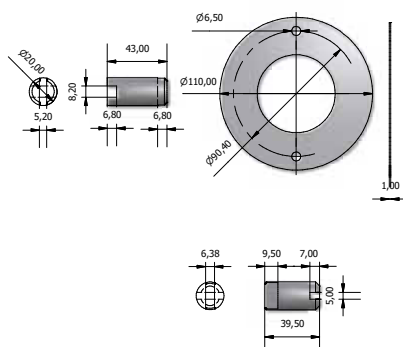
Kit montaggio teleruttore motore C.C. D.112-114 mm Starting switch assembly kit D.112-114 DC Motor

R9147001 (TCU120) Treccia in rame isolata L=120 mm
Isolated copper braid L=120 mm

R9155002 (KC130) Fascetta avvitabile inox D=130 mm
Screw-on stainless steel band D=130 mm

02 Accoppiamenti per motori in C.C.

DC electric motors couplings



R7115102 Kit accoppiamento motore C.C. D.114-115 (XF-114) Coupling kit DC motor D-114-115

R8283010 (X114) Giunto motore - pompa D.114-115
Motor - pump coupling for D.114-115 motors

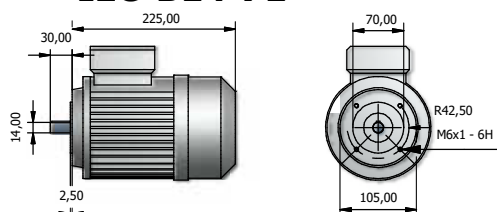
R8177051 (F09) Distanziale motore C.C. D.114-115
D.114-115 DC motor spacer

R8283009 (X80) Giunto motori C.C. magneti permanenti D.80
Permanent magnet DC motor coupling

03 Motori elettrici in corrente alternata (R9083***)

AC electric motors (R9083***)

IEC-B14-71



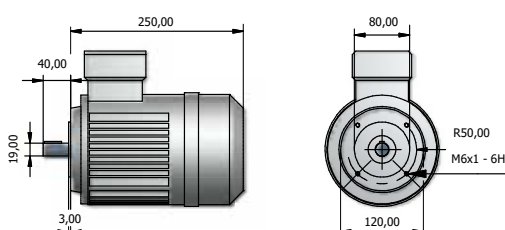
Trifase 2/ 4 poli Threephase 2/ 4 poles

B14 0,25 AC 3-4P 71 **(202)**
B14 0,37 AC 3-4P 71 **(203)**
B1430,37 AC 3-2P 71 **(200)**
B14 0,55 AC 3-2P 71 **(201)**

Monofase 2 / 4 poli Single phase 2 / 4 poles

B14 0,25 AC S-4P 71 **(003)**
B14 0,37 AC S-4P 71 **(004)**
B14 0,37 AC S-2P 71 **(001)**
B14 0,55 AC S-2P 71 **(002)**

IEC-B14-80



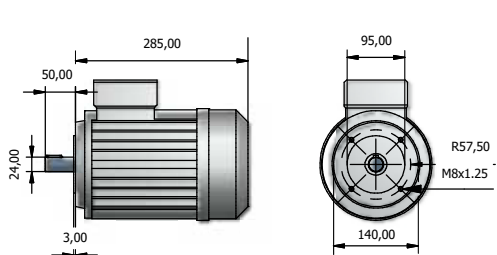
Trifase 2/ 4 poli Threephase 2/ 4 poles

B14 0,75 AC 3-4P 80 **(253)**
B14 0,55 AC 3-4P 80 **(252)**
B14 0,75 AC 3-2P 80 **(250)**
B14 1,1 AC 3-2P 80 **(251)**

Monofase 2 / 4 poli Single phase 2 / 4 poles

B14 0,55 AC S-4P 80 **(052)**
B14 0,75 AC S-4P 80 **(053)**
B14 0,75 AC S-2P 80 **(050)**
B14 1,1 AC S-2P 80 **(051)**

IEC-B14-90



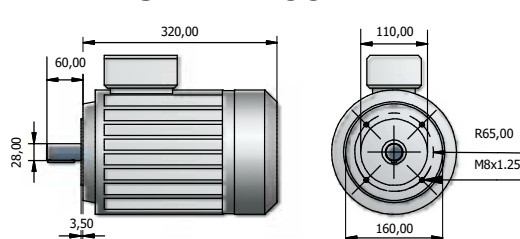
Trifase 2/ 4 poli Threephase 2/ 4 poles

B14 1,1 AC 3-4P 90 **(302)**
B14 1,5 AC 3-4P 90 **(303)**
B14 1,5 AC 3-2P 90 **(300)**
B14 2,2 AC 3-2P 90 **(301)**

Monofase 2 / 4 poli Single phase 2 / 4 poles

B14 1,1 AC S-4P 90 **(102)**
B14 1,5 AC S-4P 90 **(103)**
B14 1,5 AC S-2P 90 **(100)**
B14 2,2 AC S-2P 90 **(101)**

IEC-B14-100



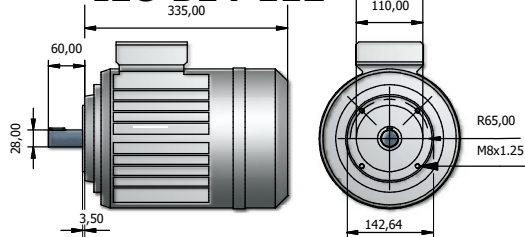
Trifase 2/ 4 poli Threephase 2/ 4 poles

B14 2,2 AC 3-4P 100 **(351)**
B14 3,0 AC 3-4P 100 **(352)**
B14 4,0 AC 3-4P 100 **(353)**
B14 3,0 AC 3-2P 100 **(350)**

Monofase 2 / 4 poli Single phase 2 / 4 poles

B14 2,2 AC S-4P 100 **(151)**
B14 3,0 AC S-4P 100 **(152)**
B14 3,0 AC S-2P 100 **(150)**

IEC-B14-112



Trifase 2/ 4 poli Threephase 2/ 4 poles

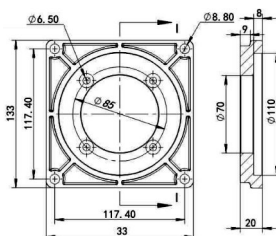
B14 4,0 AC 3-2P 112 **(400)**
B14 4,0 AC 3-4P 112 **(401)**

B14 - * - AC * - * P - *****

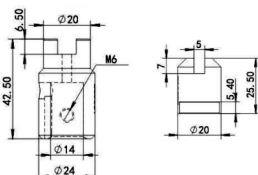
kW
S = monofase
3 = Trifase
S = singlephase
3 = threephase
N° di poli
N° of poles
Taglia IEC
IEC size

04 Accoppiamenti per Motori elettrici C.A.

AC electric motors coupling accessories



R7115124
(XB14-71-TA)



Assemblaggio lato corpo: 4 x viti DIN 6921 M8 x 25
Assemblaggio lato motore: 4 x viti DIN 912 M6 x 16
Giunto motore: 1 x vite DIN 913 M6 x 8

Kit accoppiamento motori AC IEC 71 Coupling kit AC motor IEC 71

R9177001
(FA71-TA)

Flangia motore IEC 71
Motor flange IEC 71

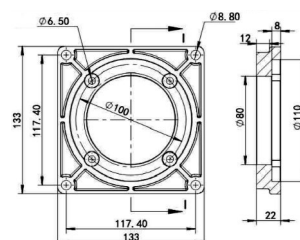
R9283011
(X01-TA)

Giunto lato motore IEC 71
Motor side coupling IEC 71

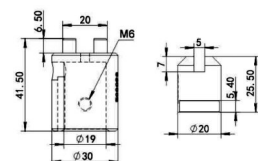
R9283015
(X00-TA)

Giunto lato pompa motori AC IEC
Pump side AC IEC Motors

Manifold side assembly: 4 x screws DIN 6921 M8 x 25
Motor side assembly: 4 x screws DIN 912 M6 x 16
Motor coupling: 1 x screw DIN 913 M6 x 8



R7115125
(XB14-80-TA)



Assemblaggio lato corpo: 4 x viti DIN 6921 M8 x 25
Assemblaggio lato motore: 4 x viti DIN 912 M6 x 16
Giunto motore: 1 x vite DIN 913 M6 x 8

Kit accoppiamento motori AC IEC 80 Coupling kit AC motor IEC 80

R9177002
(FA80-TA)

Flangia motore IEC 80
Motor flange IEC 80

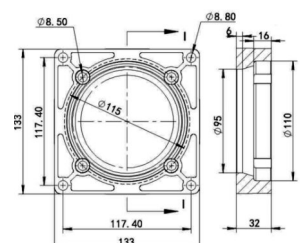
R9283012
(X02-TA)

Giunto lato motore IEC 80
Motor side coupling IEC 80

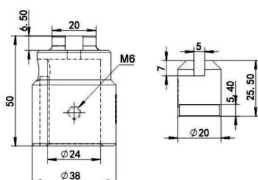
R9283015
(X00-TA)

Giunto lato pompa motori AC IEC
Pump side AC IEC Motors

Manifold side assembly: 4 x screws DIN 6921 M8 x 25
Motor side assembly: 4 x screws DIN 912 M6 x 16
Motor coupling: 1 x screw DIN 913 M6 x 8



R7115126
(XB14-90-TA)



Assemblaggio lato corpo: 4 x viti DIN 6921 M8 x 30
Assemblaggio lato motore: 4 x viti DIN 912 M8 x 16
Giunto motore: 1 x vite DIN 913 M6 x 8

Kit accoppiamento motori AC IEC 90 Coupling kit AC motor IEC 90

R9177003
(FA90-TA)

Flangia motore IEC 90
Motor flange IEC 90

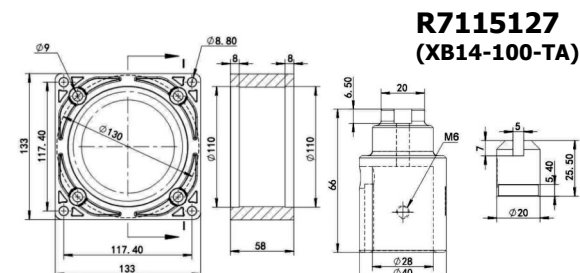
R9283013
(X03-TA)

Giunto lato motore IEC 90
Motor side coupling IEC 90

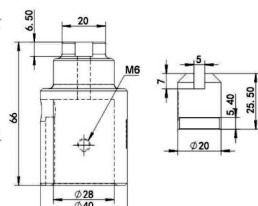
R9283015
(X00-TA)

Giunto lato pompa motori AC IEC
Pump side AC IEC Motors

Manifold side assembly: 4 x screws DIN 6921 M8 x 30
Motor side assembly: 4 x screws DIN 912 M8 x 16
Motor coupling: 1 x screw DIN 913 M6 x 8



R7115127
(XB14-100-TA)



Assemblaggio lato corpo: 4 x viti DIN 6921 M8 x 30
Assemblaggio lato motore: 4 x viti DIN 912 M8 x 55
Giunto motore: 1 x vite DIN 913 M6 x 8

Kit accoppiamento motori AC IEC 100/112 Coupling kit AC motor IEC 100/112

R9177004
(FA100-TA)

Flangia motore IEC 100/112
Motor flange IEC 100/112

R9283014
(X04-TA)

Giunto lato motore IEC 100/112
Motor side coupling IEC 100/112

R9283015
(X00-TA)

Giunto lato pompa motori AC IEC
Pump side AC IEC Motors

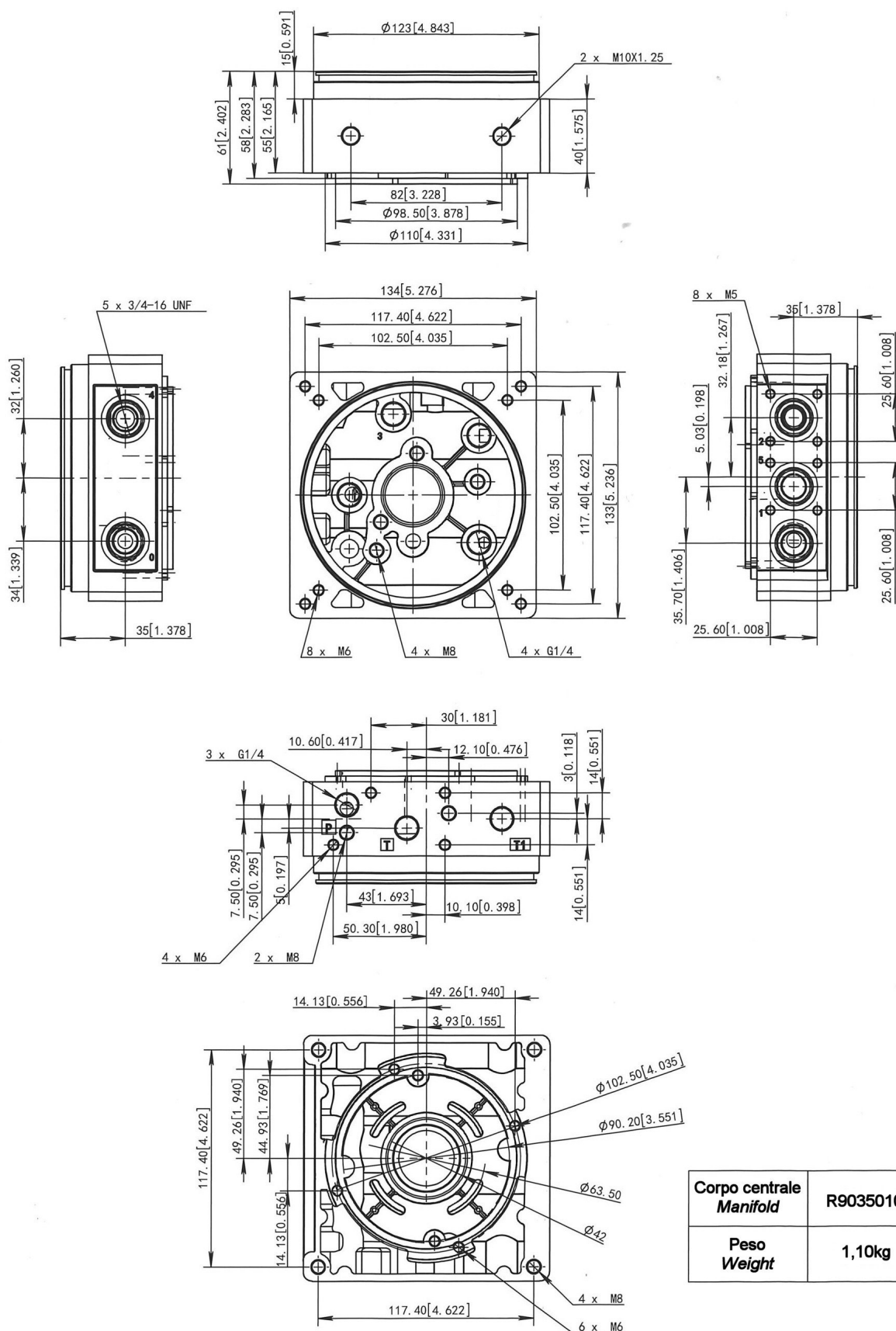
Manifold side assembly: 4 x screws DIN 6921 M8 x 55
Motor side assembly: 4 x screws DIN 912 M8 x 55
Motor coupling: 1 x screw DIN 913 M6 x 8

05 Corpo centrale

Central manifold

Dimensioni Generali

General dimensions



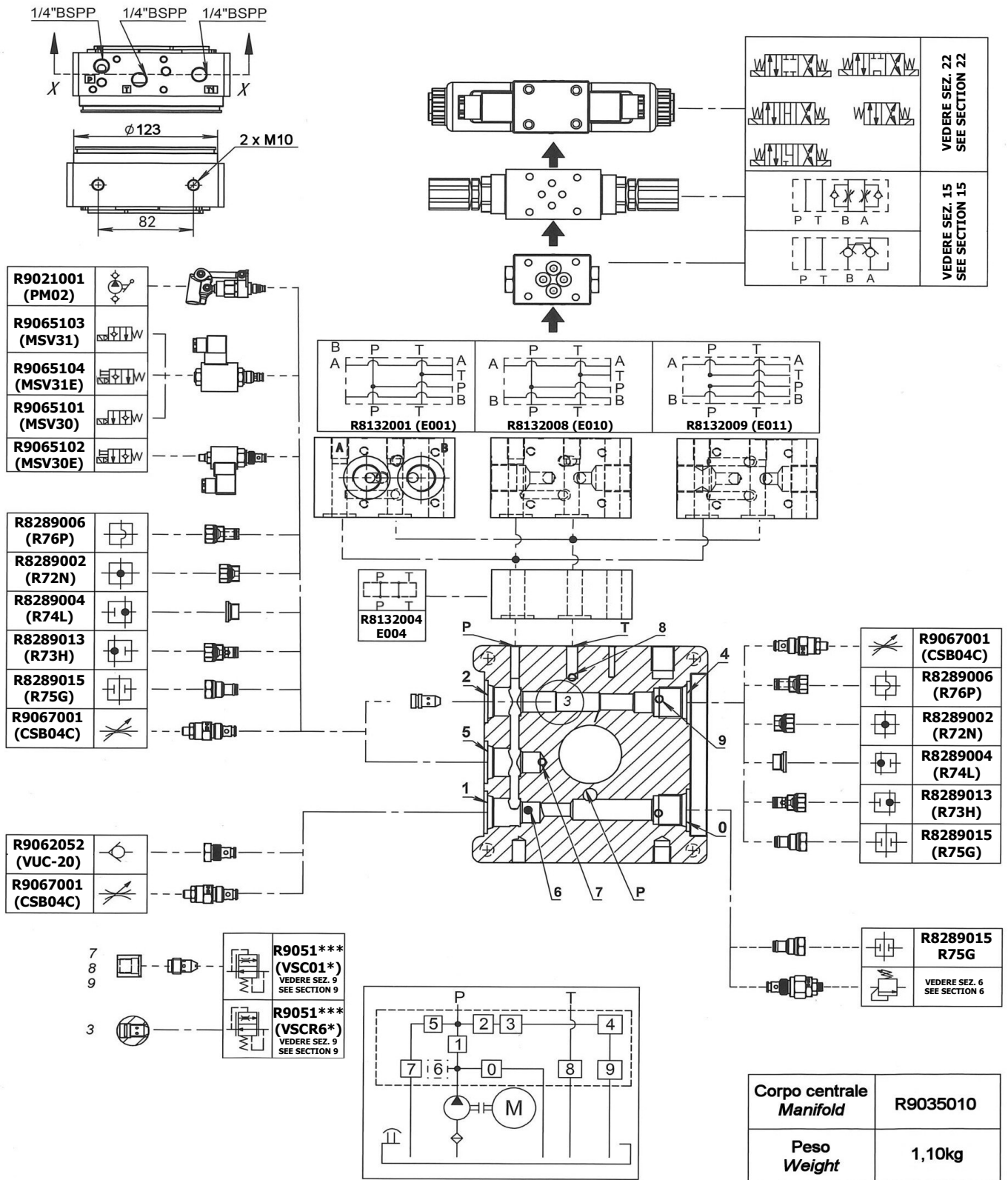
Corpo centrale Manifold	R9035010
Peso Weight	1,10kg

05 Corpo centrale

Central manifold

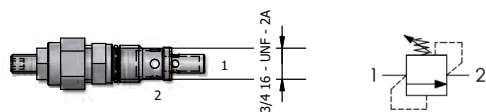
Cavità e Componenti

Cavities and Components



06 Valvole di massima pressione

Relief Valve (security valves)



Valvole di massima pressione ad azione diretta SAE 8 Direct acting pressure relief valves SAE 8

Portata massima 20 l/min
Max flow 20 l/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm

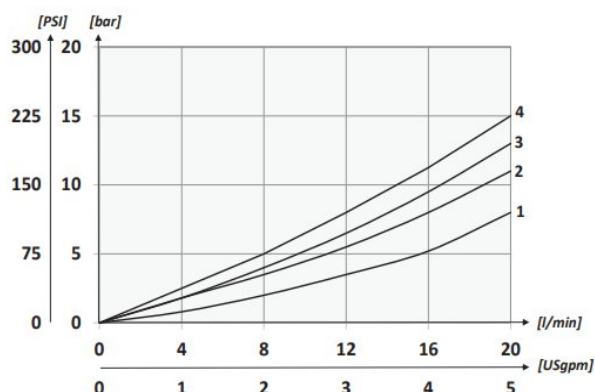
VMD10C Serie - Series

R9050020 Campo di taratura 10 - 40 bar
(VMD10C1) Set pressure range 10 - 40 bar **1**

R9050009 Campo di taratura 20 - 110 bar
(VMD10C2) Set pressure range 20 - 110 bar **2**

R9050010 Campo di taratura 30 - 210 bar
(VMD10C3) Set pressure range 30 - 210 bar **3**

R9050021 Campo di taratura 40 - 350 bar
(VMD10C4) Set pressure range 40 - 350 bar **4**



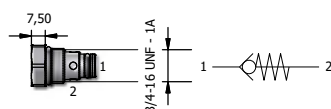
TRV2 Serie - Series

R9050062 Campo di taratura 20 - 100 bar
Set pressure range 20 - 100 bar

R9050063 Campo di taratura 50 - 250 bar
Set pressure range 50 - 250 bar

07 Valvole di ritegno

Check valves



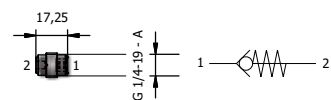
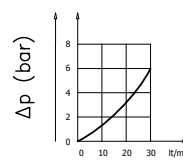
Portata massima 25 lt/min
Max flow 25 lt/min

R9062052 **(VUC-20)**

Pressione massima 350 bar
Max pressure 350 bar

Valvola unidirezionale a sfera SAE08 2A Ball type check valve SAE08 2A

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



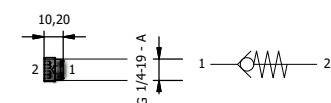
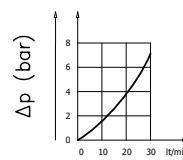
Portata massima 20 lt/min
Max flow 20 lt/min

R9062051 **(VUI01-05)**

Pressione massima 350 bar
Max pressure 350 bar

Valvola unidirezionale integrata a sfera Disk type integrated check valve

(Il montaggio richiede chiave dedicata)
(Mounting requires special tool)



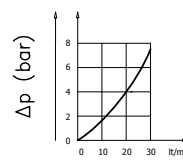
Portata massima 20 lt/min
Max flow 20 lt/min

R9062101 **(VUP-140)**

Pressione massima 500 bar
Max pressure 500 bar

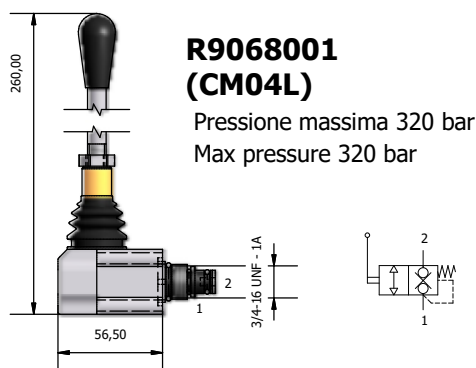
Valvola unidirezionale integrata a disco Disk type in-body check valve

(Il montaggio richiede chiave dedicata)
(Mounting requires special tool)



08 Valvole a comando manuale, pneumatico e altre

Hand operated, pneumatic and other valves



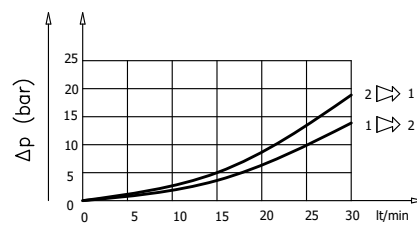
R9068001 (CM04L)

Pressione massima 320 bar
Max pressure 320 bar

Valvole direzionale a due vie a cartuccia SAE08 2A con comando a leva
Lever operated 2 way SAE08 directional valve

Portata massima 25 lt/min
Max flow 25 lt/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



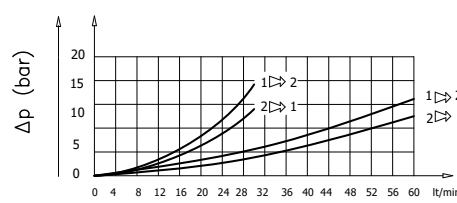
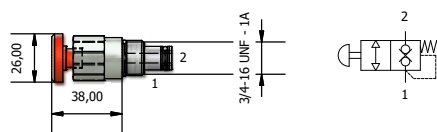
R9062301 (CPE04P)

Pressione massima 320 bar
Max pressure 320 bar

Valvole direzionale a due vie a cartuccia SAE08 2A con comando a pulsante
Button operated 2 way SAE08 directional valve

Portata massima 30 lt/min
Max flow 30 lt/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



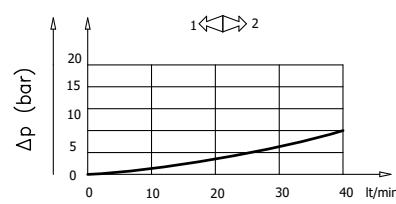
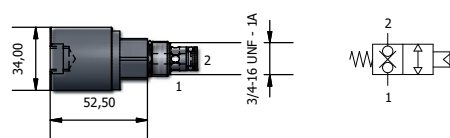
R9061001 (VPN6)

Pressione massima 350 bar
Max pressure 350 bar

Valvole direzionale a due vie a cartuccia SAE08 2A con comando a pulsante
Button operated 2 way SAE08 directional valve

Portata massima 40 lt/min
Max flow 40 lt/min

Pressione di pilotaggio 4 - 15 bar
Piloting pressure 4 - 15 bar



R9065106 (CDE-20)

Pressione massima 210 bar
Max pressure 210 bar

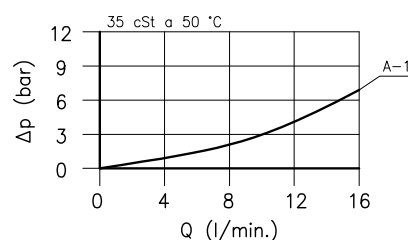
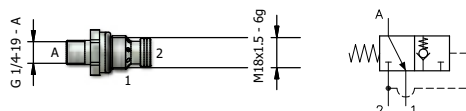
Valvola di scarico automatico a 3 vie con uscita in linea M18 x 1.5
3 way in-line outlet automatic unloading valve M18 x 1.5

Portata nominale 12 lt/min
Nominal flow 12 lt/min

Cavità metrica M18 x 1.5
Metric cavity M18 x 1.5

Pressione di commutazione 14 bar
(molla 5 bar a richiesta)

Commutation pressure 14 bar
(5 bar spring on request)



09 Valvole di controllo di flusso

Flow control valves

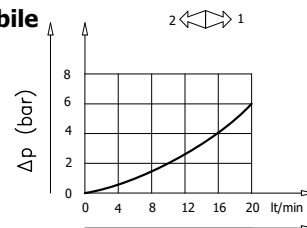
R9067001 (CSB04C)



Regolatore di flusso non compensato a taratura variabile Adjustable not compensated flow regulator

Pressione massima 300 bar Portata massima 30 lt/min
Max pressure 300 bar Max flow 30 lt/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



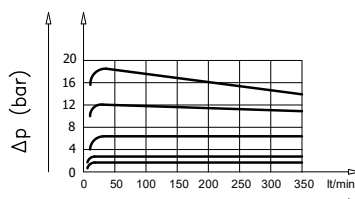
R9067*** (CSC04C)



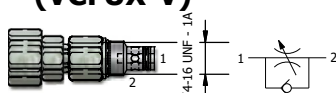
Regolatore di flusso compensato a taratura variabile Compensated adjustable flow regulator

Pressione massima 350 bar Portata massima 18 lt/min
Max pressure 350 bar Max flow 18 lt/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



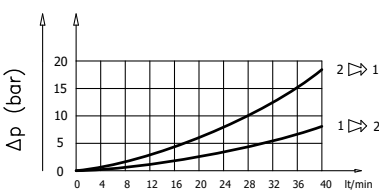
R9067009 (VCFUX-V)



Regolatore di flusso unidirezionale a taratura variabile Unidirectional adjustable flow regulator

Pressione massima 350 bar Portata massima 40 lt/min
Max pressure 350 bar Max flow 40 lt/min

Coppia di serraggio 25 - 30 Nm
Tightening torque 25 - 30 Nm



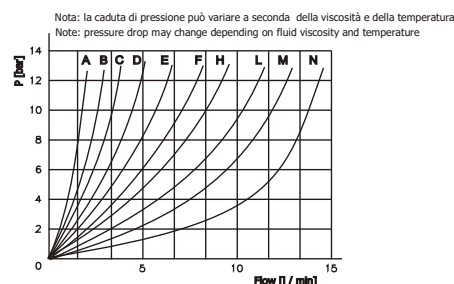
R9051*** (VSC01*)



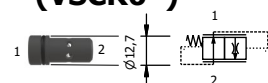
Pressione massima 250 bar
Max pressure 250 bar
Portata massima 12 lt/min
Max flow 12 lt/min
Coppia di serraggio 6 Nm
Tightening torque 6 Nm

Regolatore di flusso integrato compensato a taratura fissa In-body compensated flow regulator fixed setting

***-*	***-*
001-A 1,0 lt/min	007-H 8,0 lt/min
002-B 2,0 lt/min	008-L 9,0 lt/min
003-C 3,0 lt/min	009-M 10 lt/min
004-D 4,0 lt/min	026-N 11 lt/min
005-E 5,0 lt/min	027-O 12 lt/min
006-F 6,0 lt/min	032-X Da forare/ To be drilled
025-G 7,0 lt/min	



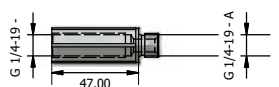
R9051*** (VSCR6*)



Pressione massima 250 bar
Max pressure 250 bar
Portata massima 12 lt/min
Max flow 12 lt/min

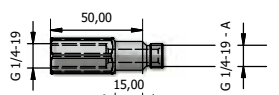
Regolatore di flusso integrato compensato a taratura fissa In-body compensated flow regulator fixed setting

***-*	***-*
010-1 1,0 lt/min	017-8 8,0 lt/min
011-2 2,0 lt/min	018-9 9,0 lt/min
012-3 3,0 lt/min	019-10 10 lt/min
013-4 4,0 lt/min	020-11 11 lt/min
014-5 5,0 lt/min	021-12 12 lt/min
015-6 6,0 lt/min	210-0 Da forare/ To be drilled
016-7 7,0 lt/min	



R8244051 (C-MF-VSC01)

Corpo MF G 1/4" per montaggio in linea VSC01*
MF body for VSC01* in-line mount



R8244052 (C-MF-VSC01-S)

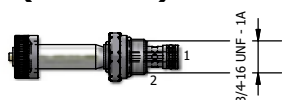
Corpo speciale MF G 1/4" per montaggio in linea VSC01*
Special MF G 1/4" body for in-line mounting VSC01*

Corpo in linea tornito per montaggio sulle bocche di scarico del corpo centrale
In line turned body for in-tank mount on return ports below central manifold

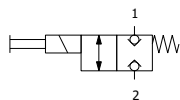
10 Elettrovalvole a cartuccia e accessori

Solenoid cartridge valves and accessories

R9065051 (MDV30E)



Elettrovalvola N.C. 2 vie a doppia tenuta SAE08 con emergenza SAE08 2 way double locking N.C. solenoid valve with emergency

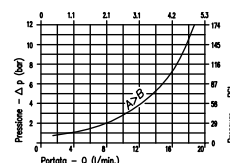


Pressione massima 210 bar
Max pressure 210 bar

Portata massima 15 lt/min
Max flow 15 lt/min

Filtraggio 25 micron
Filtering 25 micron

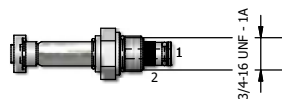
Coppia di serraggio 47 Nm
Tightening torque 47 Nm



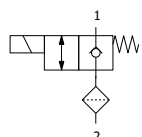
* Utilizzabile solo con bobine in C.C. o RAC con connettore raddrizzatore

* To be used only with DC coils or RAC type coils and rectified connectors

R9065101 (MSV30)



Elettrovalvola a tenuta N.C. 2 vie SAE08 SAE08 2 way poppet style N.C. solenoid valve

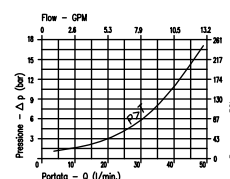


Pressione massima 300 bar
Max pressure 300 bar

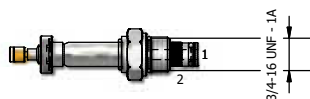
Portata massima 20 lt/min
Max flow 20 lt/min

Filtraggio 25 micron
Filtering 25 micron

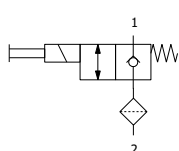
Coppia di serraggio 47 Nm
Tightening torque 47 Nm



R9065102 (MSV30E)



Elettrovalvola a tenuta N.C. 2 vie a SAE08 con emergenza SAE08 2 way poppet style N.C. solenoid valve with emergency

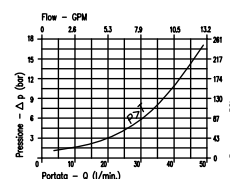


Pressione massima 300 bar
Max pressure 300 bar

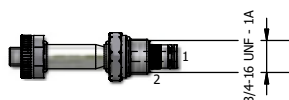
Portata massima 20 lt/min
Max flow 20 lt/min

Filtraggio 25 micron
Filtering 25 micron

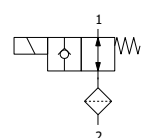
Coppia di serraggio 47 Nm
Tightening torque 47 Nm



R9065103 (MSV31)



Elettrovalvola a tenuta N.A. 2 vie a SAE08 * SAE08 2 way poppet style N.O. solenoid valve *

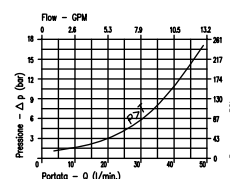


Pressione massima 210 bar**
Max pressure 210 bar**

Portata massima 20 lt/min
Max flow 20 lt/min

Filtraggio 25 micron
Filtering 25 micron

Coppia di serraggio 47 Nm
Tightening torque 47 Nm



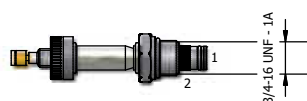
* Utilizzabile solo con bobine in C.C. o RAC con connettore raddrizzatore

* To be used only with DC coils or RAC type coils and rectified connectors

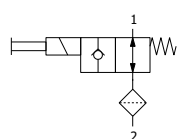
** 300 bar con bobine speciali da 32VA

** 300 bar with special 32VA coils

R9065104 (MSV31E)



Elettrovalvola a tenuta N.A. 2 vie a SAE08 con emergenza * SAE08 2 way poppet style N.O. solenoid valve with emergency *

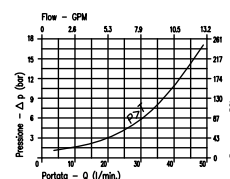


Pressione massima 210 bar**
Max pressure 210 bar**

Portata massima 20 lt/min
Max flow 20 lt/min

Filtraggio 25 micron
Filtering 25 micron

Coppia di serraggio 47 Nm
Tightening torque 47 Nm



* Utilizzabile solo con bobine in C.C. o RAC con connettore raddrizzatore

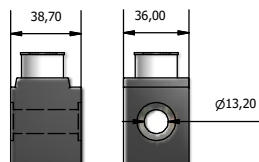
* To be used only with DC coils or RAC type coils and rectified connectors

** 300 bar con bobine speciali da 32VA

** 300 bar with special 32VA coils

10 Elettrovalvole a cartuccia e accessori

Solenoid cartridge valves and accessories



R9134002 (COIL-12DC-D)

Fattore di servizio ED100%
Duty ED100%

Temp.max di lavoro 125°C
Max working temp. 125°C

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Bobina 12V DC 12V DC Coil

Classe di isolamento H
Insulation class H

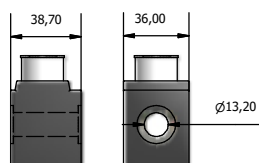
Max +/-10% tensione nominale
Max +/-10% nominal voltage

Tensione di alimentazione 12V C.C.

Supply voltage 12V DC

Tensione di alimentazione 12V C.C.
Supply voltage 12V DC

Temperatura ambiente -20 / + 50
Temperature -20 / + 50



R9134052 (COIL-24DC-D)

Fattore di servizio ED100%
Duty ED100%

Temp.max di lavoro 125°C
Max working temp. 125°C

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Bobina 24V DC 24V DC Coil

Classe di isolamento H
Insulation class H

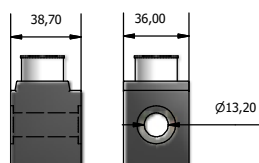
Max +/-10% tensione nominale
Max +/-10% nominal voltage

Tensione di alimentazione 12V C.C.

Supply voltage 12V DC

Potenza assorbita 22W
Power consumption 22W

Temperatura ambiente -20 / + 50
Temperature -20 / + 50



R9134100 (COIL-48DC-D)

Fattore di servizio ED100%
Duty ED100%

Temp.max di lavoro 125°C
Max working temp. 125°C

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Bobina 48V DC 48V DC Coil

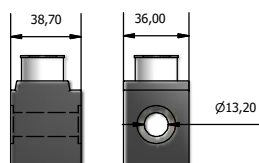
Classe di isolamento H
Insulation class H

Max +/-10% tensione nominale
Max +/-10% nominal voltage

Tensione di alimentazione 48V C.C.
Supply voltage 12V DC

Potenza assorbita 22W
Power consumption 22W

Temperatura ambiente -20 / + 50
Temperature -20 / + 50



R9134200 (COIL-110RAC-D)

Fattore di servizio ED100%
Duty ED100%

Temp.max di lavoro 125°C
Max working temp. 125°C

Utilizzare questa bobina esclusivamente con connettori raddrizzatori K10, K20, K15
Use this coil only with rectified connectors K10, K20, K15

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Bobina 110V RAC 110V RAC Coil

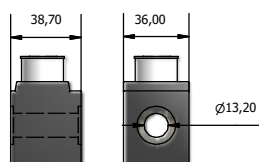
Classe di isolamento H
Insulation class H

Max +/-10% tensione nominale
Max +/-10% nominal voltage

Tensione di alimentazione 110V raddrizzata
Supply voltage 110V rectified

Potenza assorbita 22W
Power consumption 22W

Temperatura ambiente -20 / + 50
Temperature -20 / + 50



R9134270 (COIL-220RAC-D)

Fattore di servizio ED100%
Duty ED100%

Temp.max di lavoro 125°C
Max working temp. 125°C

Utilizzare questa bobina esclusivamente con connettori raddrizzatori K11, K21, K16
Use this coil only with rectified connectors K11, K21, K16

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Bobina 220V RAC 220V RAC Coil

Classe di isolamento H
Insulation class H

Max +/-10% tensione nominale
Max +/-10% nominal voltage

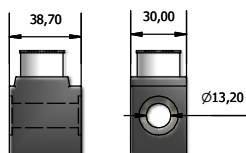
Tensione di alimentazione 220V raddrizzata
Supply voltage 220V rectified

Potenza assorbita 22W
Power consumption 22W

Temperatura ambiente -20 / + 50
Temperature -20 / + 50

10 Elettrovalvole a cartuccia e accessori

Solenoid cartridge valves and accessories



R9134256

(COIL-220/50-ED100%-H)

Fattore di servizio ED100%

Duty ED100%

Temp.max di lavoro 125°C

Max working temp. 125°C

Classe di isolamento H

Insulation class H

Max +/-10% tensione nominale

Max +/-10% nominal voltage

Tensione di alimentazione 220V AC 50Hz

Supply voltage 220V AC 50Hz

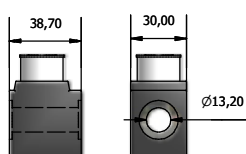
Potenza assorbita 20VA

Power consumption 20VA

Temperatura ambiente -20 / + 50

Temperature -20 / + 50

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals



R9134257

(COIL-115/50-ED100%-H)

Fattore di servizio ED100%

Duty ED100%

Temp.max di lavoro 125°C

Max working temp. 125°C

Classe di isolamento H

Insulation class H

Max +/-10% tensione nominale

Max +/-10% nominal voltage

Tensione di alimentazione 115V AC 50Hz

Supply voltage 115V AC 50Hz

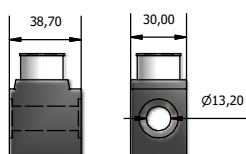
Potenza assorbita 20VA

Power consumption 20VA

Temperatura ambiente -20 / + 50

Temperature -20 / + 50

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals



R9134258

(COIL-24/50-ED100%-H)

Fattore di servizio ED100%

Duty ED100%

Temp.max di lavoro 125°C

Max working temp. 125°C

Classe di isolamento H

Insulation class H

Max +/-10% tensione nominale

Max +/-10% nominal voltage

Tensione di alimentazione 24V AC 50Hz

Supply voltage 24V AC 50Hz

Potenza assorbita 20VA

Power consumption 20VA

Temperatura ambiente -20 / + 50

Temperature -20 / + 50

Grado di protezione IP54 secondo IEC144, IP56 con l'impiego di connettore DIN con le opportune guarnizioni
Protection degree IP54 according to IEC144, IP56 using a DIN connector with appropriate seals

Connettori Elettrici DIN 43650-A Nero pg11

Electric Connectors DIN 43650-A Black pg11



Connettore Nero STANDARD 3 poli
STANDARD Black Connector 3 pins

Connettore con LED

Connector with LED

Connettore con LED e VDR

Connector with LED and VDR



Connettore con RADDRIZZATORE e VDR

Connector with RECTIFIER and VDR

Connettore con RADDRIZZATORE, VDR e LED

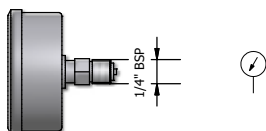
Connector with RECTIFIER, VDR and LED

	12V	24V	48V	110V	230V
R9242001 (K0)	R9242001 (K0)	R9242001 (K0)	R9242001 (K0)	R9242001 (K0)	R9242001 (K0)
R9242050 (K2)	R9242051 (K3)	R9242052 (K4)	R9242053 (K5)	R9242054 (K6)	
R9242100 (K7)	R9242101 (K8)	R9242102 (K9)	R9242103 (K10)	R9242104 (K11)	
R9242200 (K17)	R9242201 (K18)	R9242202 (K19)	R9242202 (K20)	R9242204 (K21)	
R9242150 (K12)	R9242151 (K13)	R9242152 (K14)	R9242153 (K15)	R9242154 (K16)	

11 Manometri, pressostati e accessori

Pressure gauges, pressure switches and accessories

R930000* (MGP63/***)

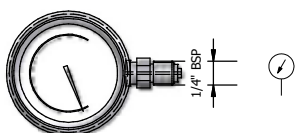


Serie manometri INOX D.63mm a bagno di glicerina con attacco posteriore DIN16288 G1/4"

D.63mm stainless steel glycerin pressure gauge series with backside DIN16288 G1/4" connection

R9300009	(MGP63/006)	Scala 6 bar / 6 bar scale
R9300008	(MGP63/016)	Scala 16 bar / 16 bar scale
R9300001	(MGP63/025)	Scala 25 bar / 25 bar scale
R9300002	(MGP63/060)	Scala 60 bar / 60 bar scale
R9300003	(MGP63/100)	Scala 100 bar / 100 bar scale
R9300004	(MGP63/160)	Scala 160 bar / 160 bar scale
R9300005	(MGP63/250)	Scala 250 bar / 250 bar scale
R9300006	(MGP63/400)	Scala 400 bar / 400 bar scale

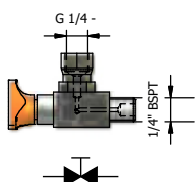
R930010* (MGR63/***)



Serie manometri INOX D.63mm a bagno di glicerina con attacco radiale DIN16288 G1/4"

D.63mm stainless steel glycerin pressure gauge series with radial DIN16288 G1/4" connection

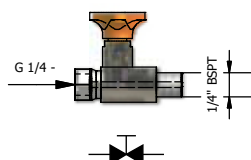
R9300100	(MGR63/006)	Scala 6 bar / 6 bar scale
R9300101	(MGP63/010)	Scala 10 bar / 10 bar scale
R9300102	(MGR63/016)	Scala 16 bar / 16 bar scale
R9300103	(MGR63/060)	Scala 60 bar / 60 bar scale
R9300104	(MGR63/100)	Scala 100 bar / 100 bar scale
R9300105	(MGR63/160)	Scala 160 bar / 160 bar scale
R9300106	(MGR63/250)	Scala 250 bar / 250 bar scale
R9300107	(MGR63/400)	Scala 400 bar / 400 bar scale
R9300108	(MGR63/600)	Scala 600 bar / 600 bar scale



R9222001 (E014)

Valvola di esclusione manometro con connessione G1/4" conico volantino e attacco manometro a 90° DIN16288 1/4"

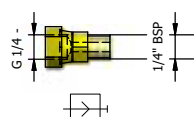
Pressure gauge isolator with G1/4" conical connection knob and 90° gauge connection according to DIN16288 1/4"



R9222002 (E015)

Valvola di esclusione manometro con connessione G1/4" conico volantino e attacco manometro in linea DIN16288 1/4"

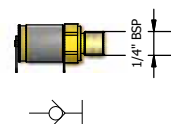
Pressure gauge isolator with G1/4" conical connection knob and in-line gauge connection according to DIN16288 1/4"



R9222003 (E017)

Attacco manometro con connessione G1/4" conica e attacco manometro DIN16288 1/4"

Pressure gauge fitting with G1/4" conical connection according to DIN16288 1/4"



R9222004 (MPN140)

Presa di pressione con attacco G1/4" cilindrico e o-ring

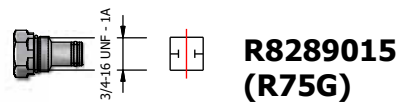
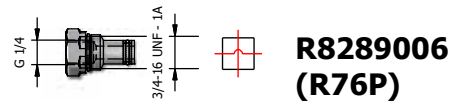
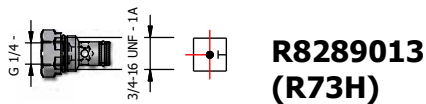
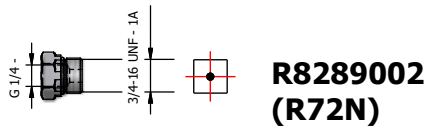
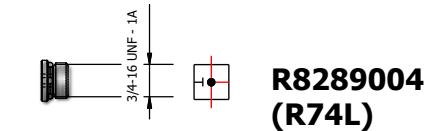
Non-spill pressure port G1/4" connection with o-ring

12 Tappi SAE per corpo centrale e raccordi BSP

SAE plugs for central manifold and BSP fittings

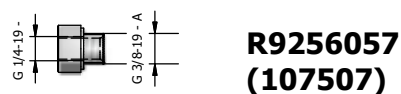
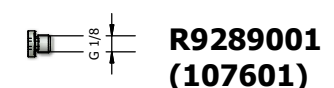
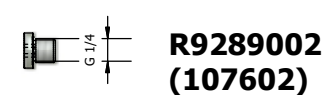
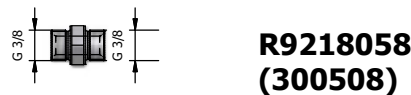
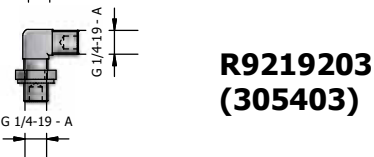
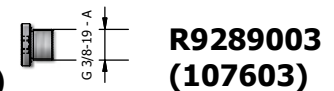
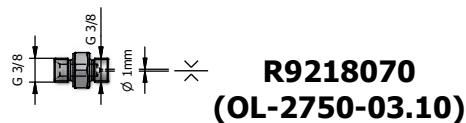
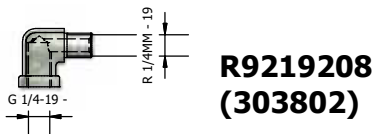
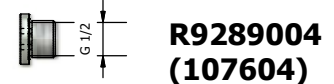
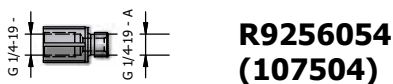
Tappi funzione Metrici e SAE

Metric and SAE function plugs



Raccordi BSP

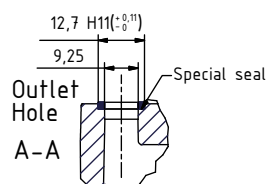
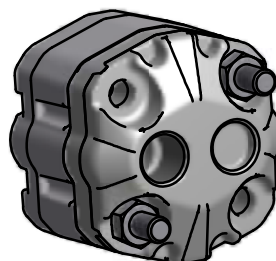
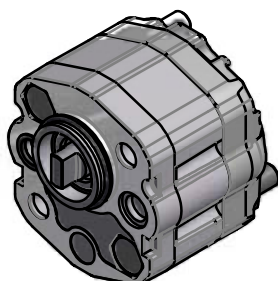
BSP fittings



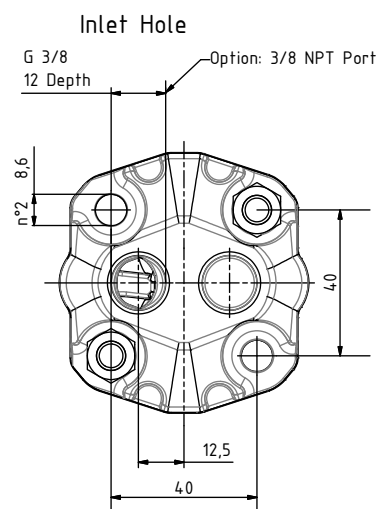
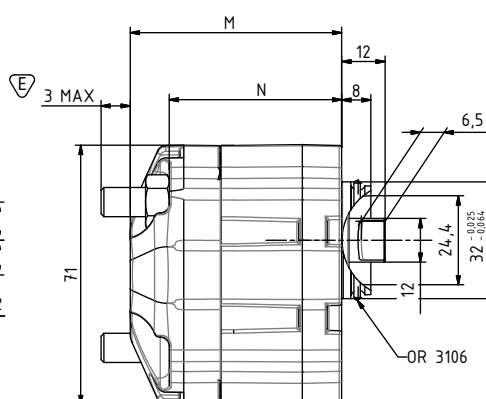
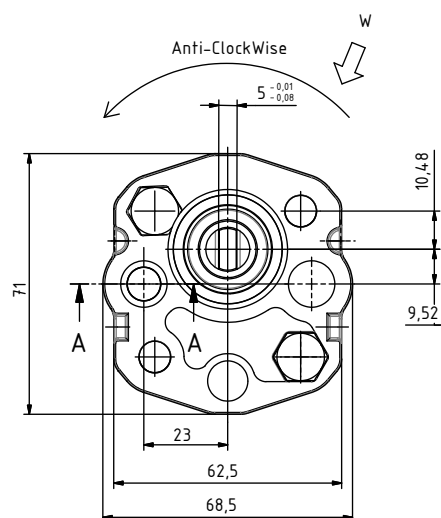
13 Pompe ad ingranaggi

Gear pumps

Versione Standard



La pompa rappresentata ha rotazione sinistra
The pump represented has anti-clockwise rotation



PER IL FISSAGGIO DELLA POMPA UTILIZZARE VITI M8 - 8.8
Coppia di serraggio 23,0 ÷ 25.0 Nm

TO FIX THE PUMP USE BOLTS M8 - 8.8
23,0 ÷ 25.0 Nm screw tightening torque M8

13 Pompe ad ingranaggi

Gear pumps

Codice di ordinazione Ordering code	Cilindrata Displacement (cc/rev)	Portata a Flow at 1500 rpm (l/min)	M mm	N mm	P1 (bar)	P2 (bar)	P3 (bar)	Velocità max Max speed (rpm)
R9026030 (G108-OEM)	0,8	1,2	47,0	36,3	210	230	250	6000
R9026036 (G111-OEM)	1,1	1,6	47,5	36,8	210	230	250	6000
R9026040 (G113-OEM)	1,3	2,0	48,5	37,8	210	230	250	6000
R9026032 (G116-OEM)	1,6	2,4	49,5	38,8	210	230	250	6000
R9026031 (G120-OEM)	2,1	3,2	51,0	40,3	210	230	250	6000
R9026037 (G126-OEM)	2,6	4,0	53,0	42,3	210	230	250	6000
R9026035 (G132-OEM)	3,2	4,8	54,5	43,8	190	210	230	5000
R9026029 (G137-OEM)	3,7	5,6	56,5	45,8	190	210	230	4500
R9026033 (G142-OEM)	4,2	6,4	58,0	47,3	190	190	210	4000
R9026038 (G148-OEM)	4,8	7,2	60,0	49,3	170	190	210	3500
R9026034 (G158-OEM)	5,8	8,7	63,5	52,8	170	190	210	3000
R9026039 (G180-OEM)	8,0	11,9	100,0	88,0	170	190	210	2100

P1 Max pressione di lavoro in continuo
P2 Max pressione di lavoro intermittente 30 sec
P3 Max pressione di picco 3 sec

P1 Max continuous pressure
P2 Max intermittent max pressure 30 sec
P3 Max peak pressure 3 sec

Si raccomanda l'uso di fluidi specifici per circuiti idraulici a base d'olio minerale, con buone caratteristiche antiusura e antischiuma, con proprietà di rapida disareazione, antiossidanti, anticorrosione.

Use specific mineral oil based hydraulic fluids having good anti-wear, anti-foaming (rapid de-aeration), antioxidant, anti-corrosion and lubricating properties.

La temperatura del fluido durante il funzionamento della pompa deve essere compreso tra -15°C ÷ +80°C

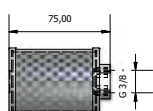
Pump operating temperature should range between: -15°C ÷ +80°C

14 Filtri e componenti per aspirazione e scarico

Filters, suction and return line components

Filtri in aspirazione

Suction filters

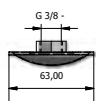


R9176005 (C3414)

Superficie filtrante 260cm²
Filtering surface 260cm²

Elemento filtrante 120μ St. St. Mesh
Filtering element 120μ St. St. Mesh

Portata 22lt/min
Flow 22lt/min

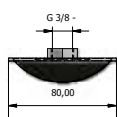


R9176004 (C3415)

Superficie filtrante 30cm²
Filtering surface 30cm²

Elemento filtrante 90μ Repts FeZN
Filtering element 90μ Repts FeZN

Portata 10lt/min
Flow 10lt/min

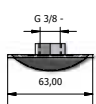


R9176002 (C3412)

Superficie filtrante 200cm²
Filtering surface 200cm²

Elemento filtrante 90μ Repts FeZN
Filtering element 90μ Repts FeZN

Portata 25lt/min
Flow 25lt/min



R9176003 (C3413)

Superficie filtrante 45cm²
Filtering surface 45cm²

Elemento filtrante 90μ Repts FeZN
Filtering element 90μ Repts FeZN

Portata 12lt/min
Flow 12lt/min

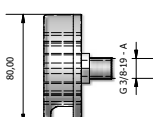


R9176007 (C3419)

Superficie filtrante 34cm²
Filtering surface 34cm²

Elemento filtrante 200μ Repts FeZN
Filtering element 200μ Repts FeZN

Portata 8lt/min
Flow 8lt/min



R9176001 (C3411)

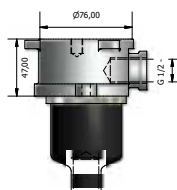
Superficie filtrante 100cm²
Filtering surface 100cm²

Elemento filtrante 90μ Repts FeZN
Filtering element 90μ Repts FeZN

Portata 14lt/min
Flow 14lt/min

Filtri sul ritorno

Return line filters

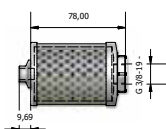


R9176006 (C3418)

Superficie filtrante XXcm²
Filtering surface XXcm²

Elemento filtrante 10μ Repts FeZN
Filtering element 10μ Repts FeZN

Portata XXlt/min
Flow XXlt/min



R9176050 (C3417)

Superficie filtrante 30cm²
Filtering surface 30cm²

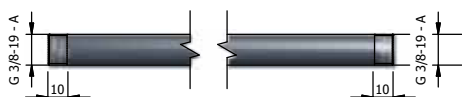
Elemento filtrante 90μ Repts FeZN
Filtering element 90μ Repts FeZN

Portata 10lt/min
Flow 10lt/min

14 Filtri e componenti per aspirazione e scarico

Filters, suction and return line components

Descrizione



R9304***
(EPD60R 3/8 mm)

Serie tubi di aspirazione G3/8" in EPD
Series of EPD G3/8" suction hoses

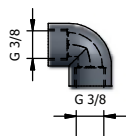
Lunghezze disponibili

Available lengths

(Disponibili solo in box da 100 pezzi)
(Available only in box of 100 pieces)

***	001	002	003	004	005	006	007	008	009	010
mm	25	40	60	80	100	130	160	180	200	235

***	011	012	013	014	015
mm	250	300	350	500	400



R9223001
(E602)

Raccordo a G3/8" in PVC 90° per kit aspirazione orizzontale
90° PVC fitting for horizontal suction kit

(Disponibili solo in box da 100 pezzi)
(Available only in box of 100 pieces)



R9305***
(PVC 1/4 mm)

Serie tubi di scarico G1/4" in PVC
Series of PVC G1/4" return hoses

Lunghezze disponibili

Available lengths

(Disponibili solo in box da 100 pezzi)
(Available only in box of 100 pieces)

***	001	002	003	004	005	006	007	008	009	010
mm	115	125	210	235	295	300	320	370	450	90



R9305***
(PVC 1/4 mm)

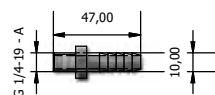
Serie tubi di scarico doppio filetto G1/4" in PVC
Series of PVC G1/4" double thread return hoses

Lunghezze disponibili

Available lengths

(Disponibili solo in box da 100 pezzi)
(Available only in box of 100 pieces)

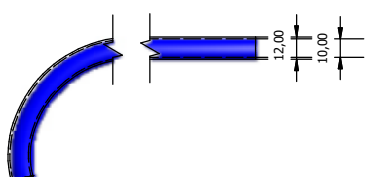
***	012	013	014	015	016	017	018	019	020	021
mm	90	115	125	210	235	195	300	320	370	450



R9223003
(PGD12X10)

Portagomma G1/4" T.10 mm per montaggio tubo in rilsan 12x10
Barbed fitting G1/4" T.10 mm for return rilsan hose 12x10

(Disponibili solo in box da 100 pezzi)
(Available only in box of 100 pieces)



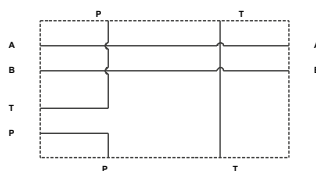
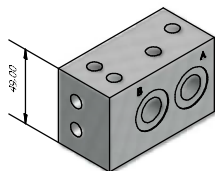
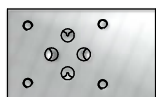
R9289104
(TR12X10)

Tubo rilsan per linee di scarico antischiuma nel serbatoio
Rilsan hose for in-tank anti foam return lines

(Disponibili solo in matasse da 25 metri)
(Available only in coils of 25 meters)

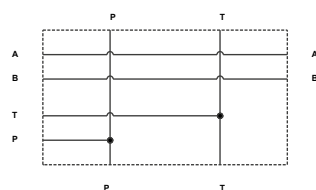
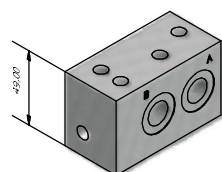
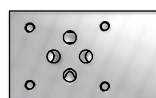
15 Blocchi valvole SAE, Cetop3 e blocchi accessori

SAE ad Cetop3 valve blocks and accessory blocks



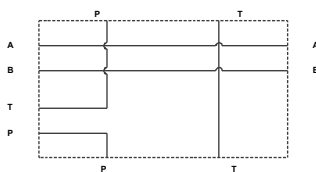
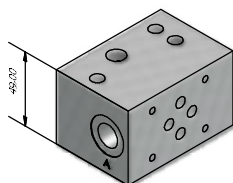
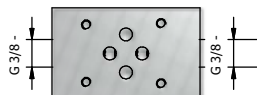
R8132003 (E003)

Blocco in serie CETOP 3 - uscite 3/8" BSPP posteriori
CETOP 3 series block- 3/8" BSPP rear ports



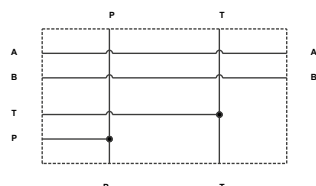
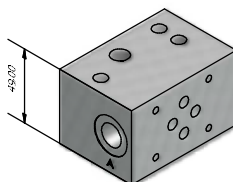
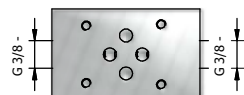
R8132001 (E001)

Blocco parallelo CETOP 3 - uscite 3/8" BSPP posteriori
CETOP 3 parallel block-3/8" BSPP rear ports



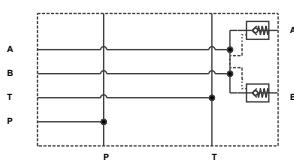
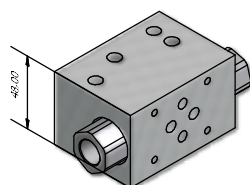
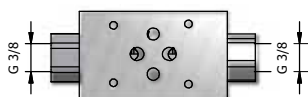
R8132009 (E011)

Blocco in serie CETOP 3 - uscite 3/8" BSPP laterali
CETOP 3 series block- 3/8" BSPP lateral ports



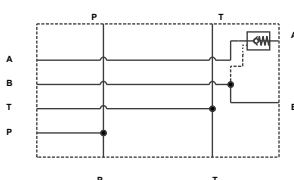
R8132008 (E010)

Blocco parallelo CETOP 3 - uscite 3/8" BSPP laterali
CETOP 3 parallel block-3/8" BSPP lateral ports



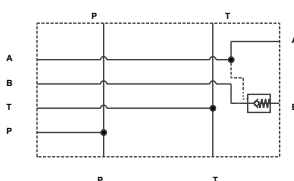
R8132113 (E101)

Piastra CETOP 3 con valvola di ritegno pilotata su A e B
CETOP 3 manifold with piloted check valve on A and B



R8132114 (E102)

Piastra CETOP 3 con valvola di ritegno pilotata su A
CETOP 3 manifold with piloted check valve on A



R8132115 (E103)

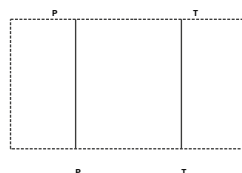
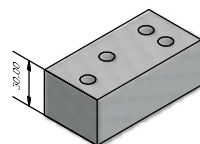
Piastra CETOP 3 con valvola di ritegno pilotata su B
CETOP 3 manifold with piloted check valve on B

15 Blocchi valvole SAE, Cetop3 e blocchi accessori

SAE ad Cetop3 valve blocks and accessory blocks

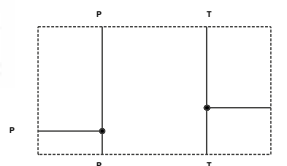
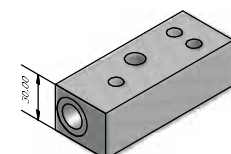
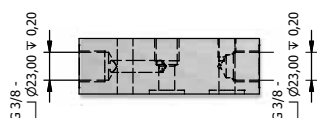
R8132004 (E004)

Distanziale spessore 30 mm
30 mm height spacer subplate



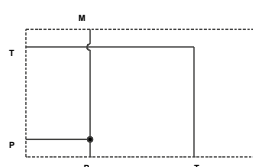
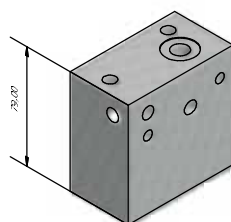
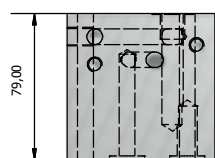
R8132007 (E007)

Blocco modulare distanziale con uscite
addizionali "P" e "T" 3/8" BSPP laterali
Modular spacer block with "P" & "T"
additional lateral 3/8" BSPP outlets



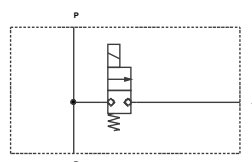
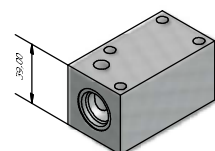
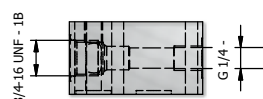
R8132005 (E005)

Blocco collettore per rotazione 90° con
connessione aggiuntiva «P» 1/4" BSP
90° rotation manifold with additional
1/4 BSP «P» port



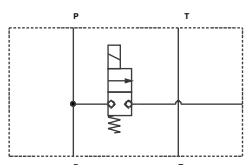
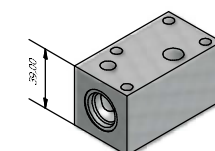
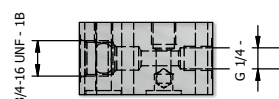
R8132010 (E030)

Piastra per valvole MSV e MDV
Block for MSV or MDV valve



R8132011 (E031)

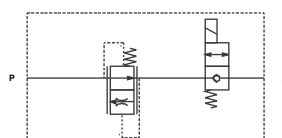
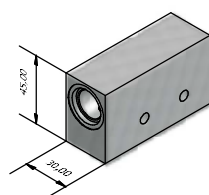
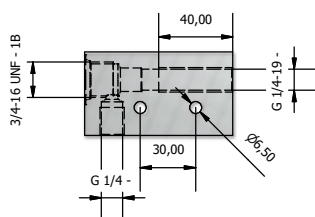
Piastra per valvole MSV e MDV con ritorno
(fornita senza valvole)
Block for MSV or MDV valve with return line
(supplied without valves)



R8132021 (VSC-3/4-16 1/4)

Corpo per cartucce in linea MSV +
VSC01 3/4"-16 UNF uscite 1/4" BSP
(fornita senza valvole)

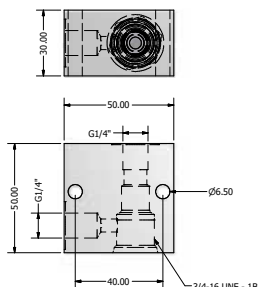
MSV + VSC01 3/4"-16 UNF outlets 1/4"
BSP in-line manifold (supplied without valves)



15 Blocchi valvole SAE, Cetop3 e blocchi accessori

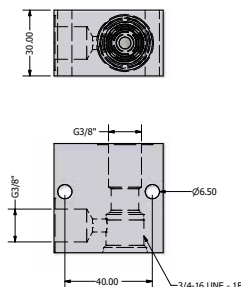
SAE ad Cetop3 valve blocks and accessory blocks

R8132012
(BFC-3/4-16 1/4)



Corpo per montaggio in linea
cartucce a 2 vie 3/4"-16 UNF
(SE08) (uscite 1/4" BSP)

In line assembly manifold for
2 way 3/4" - 16 UNF (SAE08)
cartridge valves (1/4" BSP
outlet ports)



R8132013
(BFC-3/4-16 3/8)

Corpo per montaggio in linea
cartucce a 2 vie 3/4"-16 UNF
(SE08) (uscite 3/8" BSP)

In line assembly manifold for
2 way 3/4" - 16 UNF (SAE08)
cartridge valves (3/8" BSP
outlet ports)

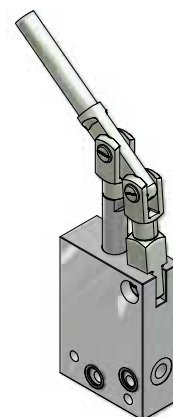
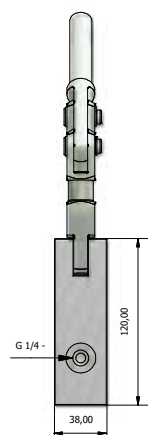
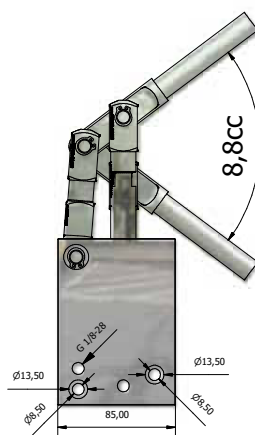
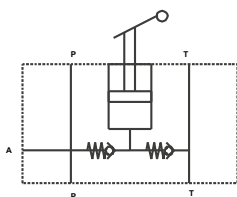
16 Pompe a mano di emergenza modulari e a cartuccia

Modular and cartridge manual emergency pumps

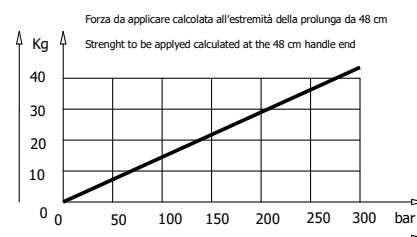
R6021001
(PM88)

Pompa di emergenza manuale
modulare con cilindrata 8,8 cc *

Modular emergency
hand pump 8,8 cc displacement *

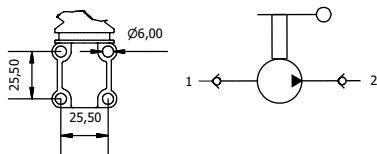
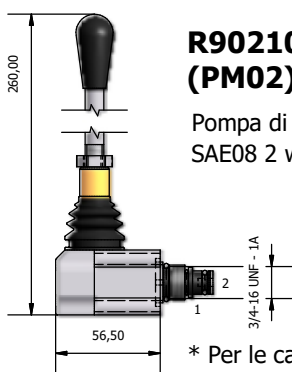


- * La pompa può essere montata in posizione intermedia, alla fine o all'inizio di una serie di blocchi modulari. Viene fornita in kit con prolunga di 48 cm e il meccanismo di azionamento può essere capovolto scambiando la posizione di montaggio dei perni e della leva.
- * The pump can be mounted in between, at the end or before a stack of other modular manifolds. It is supplied in kit with a 48 cm handle and the handle actuating mechanism can be reversed by switching the lever fixing pins and lever position.

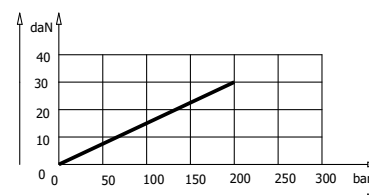


**R9021001
(PM02)**

Pompa di emergenza manuale da 2,00 cc a cartuccia SAE08 2 vie *
SAE08 2 way cartridge emergency hand pump 2,00 cc *



- * Per le cavità in cui può essere montata vedere sezione 5
* See section 5 to see the cavities in which it can be mounted



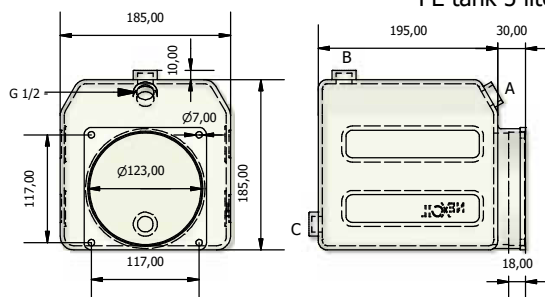
17 Serbatoi in plastica (PE)

Plastic (PE) tanks

R7272113 (5PLVA)

R7272171 (5PLHB)

Serbatoio in PE da 5 litri di capacità montaggio orizzontale (**5PLH**) o verticale (**5PLV**)
PE tank 5 liters capacity horizontal (**5PLH**) or vertical (**5PLV**) mounting



Fornito in kit con tappo di carico

Supplied with plug kit

Temperatura di impiego -10°C + 70°C

Working temperature -10°C + 70°C

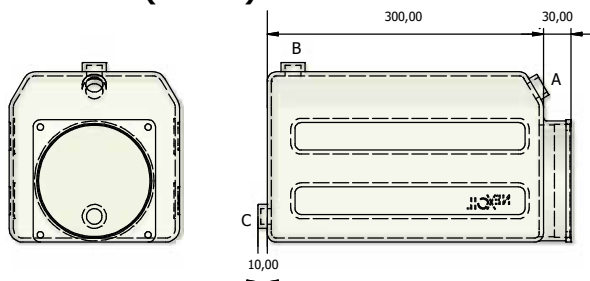
Predisposizione foro liscio o filettato in 3 posizioni,
foro standard: G1/2" Nr.1

Predisposition smooth or threaded hole in 3 position,
standard hole: G1/2" Nr.1

R7272123 (8PLVA)

R7272122 (8PLHB)

Serbatoio in PE da 8 litri di capacità montaggio orizzontale (**8PLH**) o verticale (**8PLV**)
PE tank 8 liters capacity horizontal (**8PLH**) or vertical (**8PLV**) mounting



Fornito in kit con tappo di carico

Supplied with plug kit

Temperatura di impiego -10°C + 70°C

Working temperature -10°C + 70°C

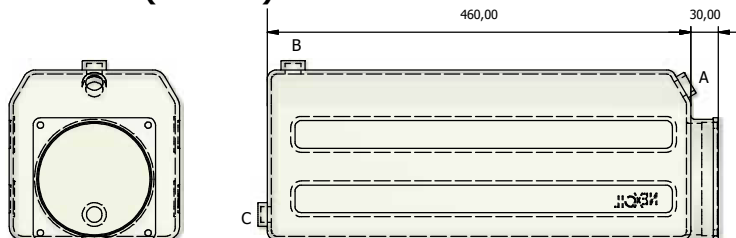
Predisposizione foro liscio o filettato in 3 posizioni,
foro standard: G1/2" Nr.1

Predisposition smooth or threaded hole in 3 position,
standard hole: G1/2" Nr.1

R7272132 (12PLVA)

R7272133 (12PLHB)

Serbatoio in PE da 12 litri di capacità montaggio orizzontale (**12PLH**) o verticale (**12PLV**)
PE tank 12 liters capacity horizontal (**12PLH**) or vertical (**12PLV**) mounting



Fornito in kit con tappo di carico

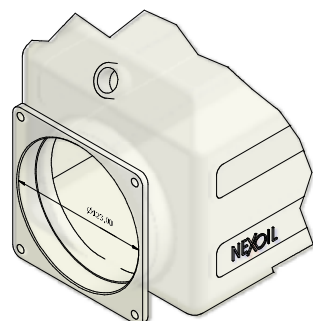
Supplied with plug kit

Temperatura di impiego -10°C + 70°C

Working temperature -10°C + 70°C

Predisposizione foro liscio o filettato in 3 posizioni,
foro standard: G1/2" Nr.1

Predisposition smooth or threaded hole in 3 position,
standard hole: G1/2" Nr.1



R9289154
(TRM-12)

Tappo con filtro e sfiato G1/2"

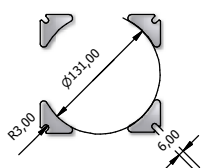
G1/2" breather and filter filling plug



R9289106
(TCNB/12G)

Tappo di scarico G1/2" in plastica (opzionale)

G1/2" plastic unloading plug (optional)



R7115013
(PLT4XR)

Kit opzionale 4 piastrine di rinforzo in acciaio zincato per serbatoi in plastica
Optional reinforcement 4 zinc plated steel brackets kit for plastic tanks

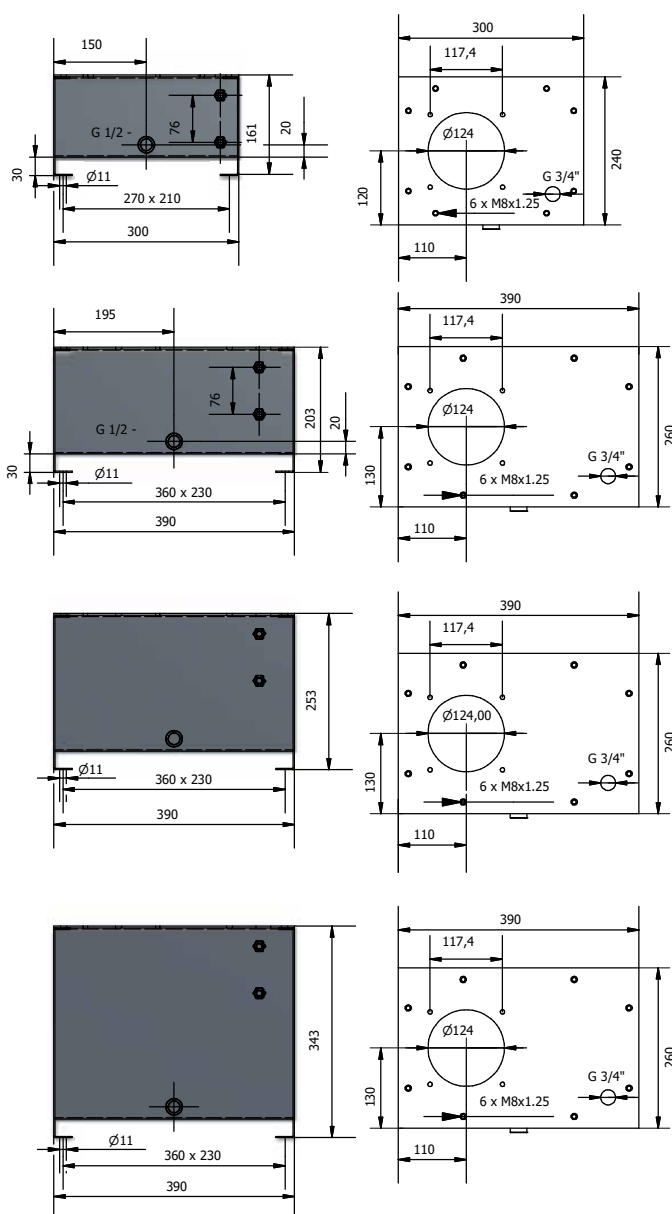
18 Serbatoi cilindrici in acciaio

Cylindrical steel tanks

	R7272001 (1,5SHA) R7272002 (1,5SVA) Serbatoio cilindrico in acciaio da 1,5 litri orizzontale (1,5SH) o verticale (1,5SV) con tappi e raccordi Cylindrical steel tank 2,5 liters horizontal (1,5SH) or vertical (1,5SV) with plugs and fittings	R9289154 (TRM-12) Tappo di carico G1/2" Filling plug G1/2"
	R7272003 (2,5SHA) R7272004 (2,5SVA) Serbatoio cilindrico in acciaio da 2,5 litri orizzontale (2,5SH) o verticale (2,5SV) con tappi e raccordi Cylindrical steel tank 2,5 liters horizontal (1,5SH) or vertical (1,5SV) with plugs and fittings	R9289103 (TSG-12) Tappo di scarico G1/2" Unloading plug G1/2" R9223001 (E602) Curva MF G1/2" 90° per serbatoi verticali 90° MF G1/2" elbow for vertical tanks
	R7272005 (5SHA) R7272006 (5SVA) Serbatoio cilindrico in acciaio da 5 litri orizzontale (5SH) o verticale (5SV) Cylindrical steel tank 5 liters horizontal (5SH) or vertical (5SV) (Kit completo di tappi di carico scarico e anello di tenuta) (Complete kit with filling and unloading plugs and O-ring)	
	R7272007 (8SHA) R7272008 (8SVA) Serbatoio cilindrico in acciaio da 8 litri orizzontale (8SH) o verticale (8SV) Cylindrical steel tank 8 liters horizontal (8SH) or vertical (8SV) (Kit completo di tappi di carico scarico e anello di tenuta) (Complete kit with filling and unloading plugs and O-ring)	
	R7272009 (10SHA) R7272010 (10SVA) Serbatoio cilindrico in acciaio da 10 litri orizzontale (10SH) o verticale (10SV) Cylindrical steel tank 10 liters horizontal (10SH) or vertical (10SV) (Kit completo di tappi di carico scarico e anello di tenuta) (Complete kit with filling and unloading plugs and O-ring)	
	R7272011 (12SHA) R7272012 (12SVA) Serbatoio cilindrico in acciaio da 12 litri orizzontale (12SH) o verticale (12SV) Cylindrical steel tank 12 liters horizontal (12SH) or vertical (12SV) (Kit completo di tappi di carico scarico e anello di tenuta) (Complete kit with filling and unloading plugs and O-ring)	
	R7272019 (12CH) R7272020 (12CV) Serbatoio cilindrico in acciaio da 12 litri con staffe di supporto Cylindrical steel tank 12 liters capacity with support brackets (Kit completo di tappo di carico e anello di tenuta per corpo centrale) (Complete kit with filling plug and O-ring for central manifold)	
	R9189008 (OR112X4) O-ring speciale di tenuta fornito con i serbatoi D.200 mm e D.220 mm Special sealing O-ring supplied with D.200 mm and D.220 mm tanks	

19 Serbatoi rettangolari in acciaio con coperchio avvitato

Rectangular steel tanks with screw-on cover



R7272058 (7LV)

Serbatoio da 7 litri in acciaio rettangolare con coperchio
7 liters capacity rectangular tank with cover

(Completo di tappi di carico, scarico, guarnizioni e livello visivo)
 (Complete of filling and unloading plugs, visual oil level and seals)

R7272056 (15LV)

Serbatoio da 15 litri in acciaio rettangolare con coperchio
15 liters capacity rectangular tank with cover

(Completo di tappi di carico, scarico, guarnizioni e livello visivo)
 (Complete of filling and unloading plugs, visual oil level and seals)

R7272053 (20LV)

Serbatoio da 20 litri in acciaio rettangolare con coperchio
20 liters capacity rectangular tank with cover

(Completo di tappi di carico, scarico, guarnizioni e livello visivo)
 (Complete of filling and unloading plugs, visual oil level and seals)

R7272054 (30LV)

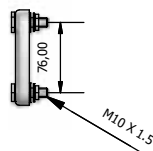
Serbatoio da 30 litri in acciaio rettangolare con coperchio
30 liters capacity rectangular tank with cover

(Completo di tappi di carico, scarico, guarnizioni e livello visivo)
 (Complete of filling and unloading plugs, visual oil level and seals)

R9289155 (TRM-34)



Tappo di carico G3/4"
 Filling plug G3/4"



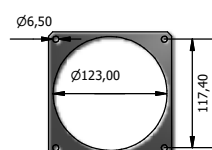
R9041001 (SLV76)

Indicatore visivo livello olio
 Visual oil level indicator

R9289103 (TSG-12)



Tappo di scarico G1/2"
 Unloading plug G1/2"

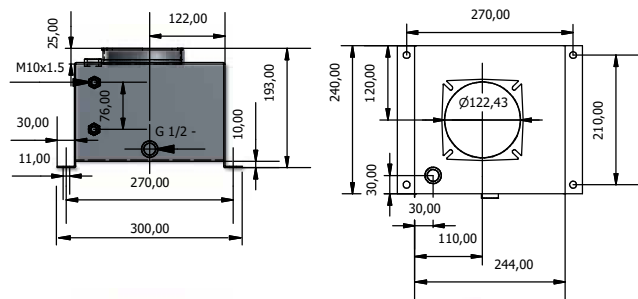


R8161001 (SEAL01)

Guarnizione per montaggio corpo centrale
 Central manifold mounting seal

20 Serbatoi rettangolari in acciaio con collare

Rectangular steel tanks with collar



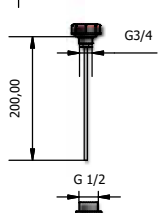
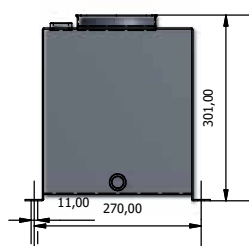
R7272172 (7LC) (astina di livello / oil level stick)

R7272051 (7LCV) (livello visivo / visual oil level)

Serbatoio in acciaio rettangolare con collare da 7 litri
7 liters capacity rectangular tank with collar

(Completo di tappo di scarico, tappo di carico)

(Complete of unloading plug, filling plug)



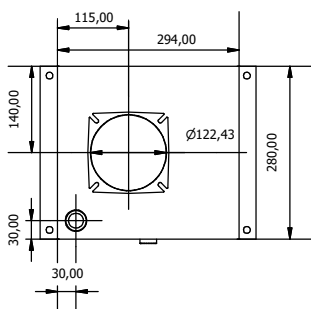
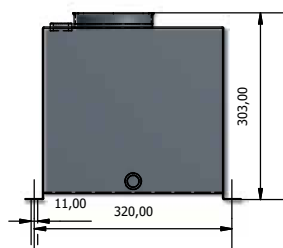
R7272134 (15LC) (astina di livello / oil level stick)

R7272135 (15LCV) (livello visivo / visual oil level)

Serbatoio rettangolare in acciaio con collare da 15 litri
15 liters capacity rectangular tank with collar

(Completo di tappo di scarico, tappo di carico)

(Complete of unloading plug, filling plug)



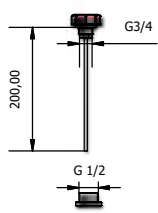
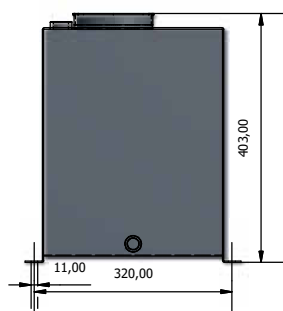
R7272136 (20LC) (astina di livello / oil level stick)

R7272137 (20LCV) (livello visivo / visual oil level)

Serbatoio in acciaio rettangolare con collare da 20 litri
20 liters capacity rectangular tank with collar

(Completo di tappo di scarico, tappo di carico)

(Complete of unloading plug, filling plug)



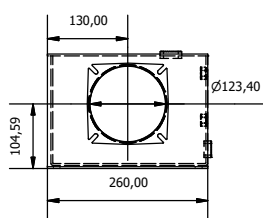
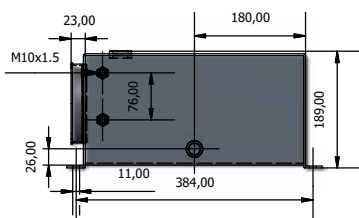
R7272138 (30LC) (astina di livello / oil level stick)

R7272139 (30LCV) (livello visivo / visual oil level)

Serbatoio in acciaio rettangolare con collare da 30 litri
30 liters capacity rectangular tank with collar

(Completo di tappo di scarico, tappo di carico)

(Complete of unloading plug, filling plug)



R7272057 (15E)

Serbatoio in acciaio con collare orizzontale da 15 litri
15 liters capacity tank with horizontal collar

(Completo di tappo di scarico, tappo di carico e livello visivo)

(Complete of unloading plug, filling plug and visual oil level)

R9289155

(TRM-34)

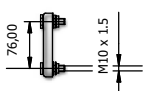
Tappo di carico G3/4"
Filling plug G3/4"



R9041001

(SLV76)

Indicatore visivo livello olio
Visual oil level indicator



R9289103

(TSG-12)

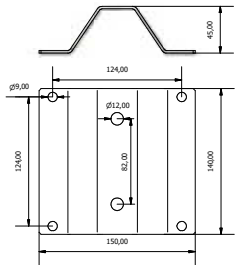
Tappo di scarico G1/2"
Unloading plug G1/2"



21 Accessori

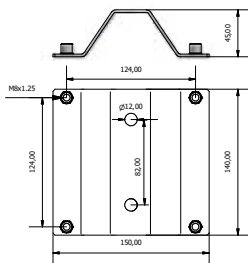
Accessories

Descrizione



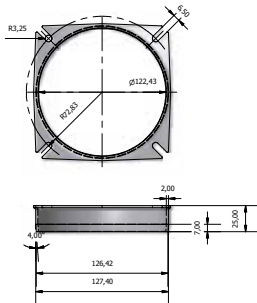
R8278003 (F)

Piedino di supporto centraline in acciaio zincato
Zinc plated steel foot mounting support



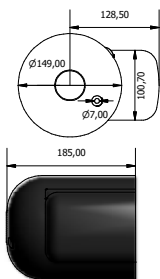
R8278004 (F08-TL)

Piedino di supporto centraline in acciaio zincato con inseri filettati M8
Zinc plated steel foot mounting support with M8 threaded inserts



R8177101 (R81)

Collare in acciaio a saldare per realizzazione serbatoi a disegno
Weld-on steel collar for custom tanks



R9138001 (F16)

Protezione motore in C.C. D.112-115
D.112-115 DC motor protection cover

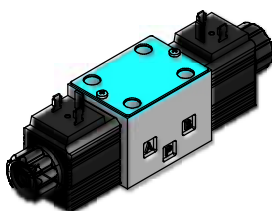
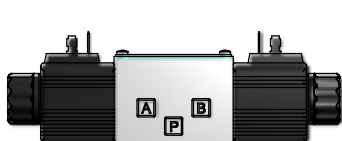


R8289101 (D-CAP)

Sigillo antimanomissione valvola di massima VMDC35/**
Tampering prevention seal relief valve VMDC35/**

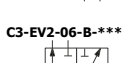
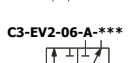
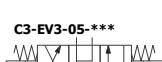
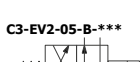
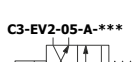
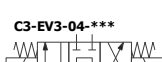
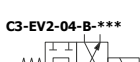
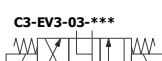
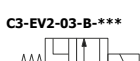
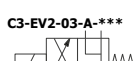
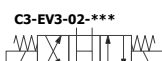
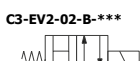
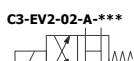
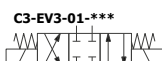
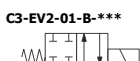
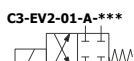
22 Valvole e accessori modulari Cetop3

Cetop3 modular valves and accessories



Elettrovalvola direzionale CETOP3 con bobine (1)
Directional solenoid CETOP3 valve with coils (1)

Versioni disponibili Available version



C3 - EV* - ** - * - ****

Numero di posizioni
Valve positions number

N° riferimento schema idraulico
Hydraulic scheme reference n°

Solenoide lato A o lato B (solo per valvole a 2 posizioni)
A side or B side solenoid position (Only for 2 position valves)

Codice di riferimento tensione bobine
Coil voltage reference code

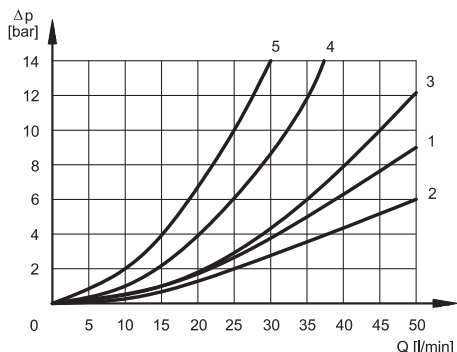
D12	D24	R110	R220	A24	A110	A230
12V CC	24V CC	110V	220V	24V 50Hz	110V 50Hz	230v 50Hz
12V DC	24V DC	(Raddrizzata)		(1) Bobine standard per connettori DIN 43650-A		
		(Rectified)		(1) Standard coils for DIN 43650-A connectors		

LIMITI DI IMPIEGO

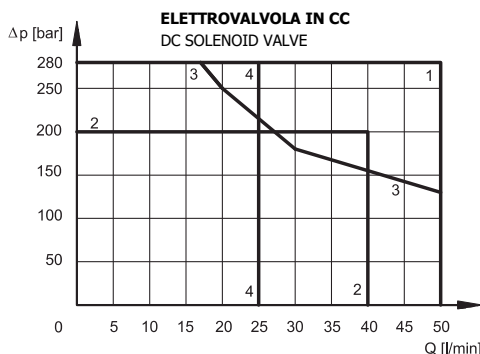
Le curve delimitano i campi di funzionamento portata in funzione della pressione per le diverse esecuzioni dell'elettrovalvola. Le prove sono state eseguite secondo la norma ISO 6403, con tensione di alimentazione al 90% del valore nominale e con magneti a temperatura di regime. I valori indicati sono rilevati, con olio minerale viscosità 36 cSt a 50°C e filtrazione ISO 4406:1999 classe 18/16/13.

OPERATING LIMITS

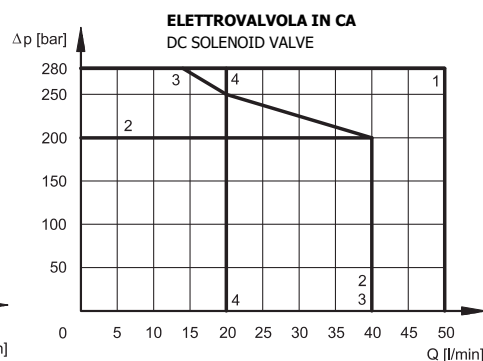
The curves define the flow rate operating fields according to the valve pressure of the different versions. The values have been obtained according to ISO 6403 norm with solenoids at rated temperature and supplied with voltage equal to 90% of the nominal voltage. The value have been obtained with mineral oil, viscosity 36 cSt, temperature 50 °C and filtration according to ISO 4406:1999 class 18/16/13.



ELETTROVALVOLA COMMUTATA
ENERGIZED VALVE



ELETTROVALVOLA IN CC
DC SOLENOID VALVE



ELETTROVALVOLA IN CA
DC SOLENOID VALVE

CURSORE SPOOL	COLLEGAMENTI				FLOW DIRECTIONS	
	P→A	P→B	A→T	B→T	P→T	
2-01-A, 2-01-B, 3-01	1	1	1	1	-	
2-02-A, 2-01-B, 3-01	1	1	2	2	3	
2-03-A, 2-03-B, 3-03	3	3	2	2	-	
2-04-A, 2-04-B, 3-04	4	4	4	4	5	
3-05	2	3	2	3	-	
2-05/06-A, 2-05/06-B	3	3	3	3	-	

CURSORE	SPOOL	CURVA	CURVE
3-01, 2-05/06-A/B		1	
2/3-02-A/B		2	
2/3-03-A/B		3	
2/3-04-A/B		4	

CURSORE	SPOOL	CURVA	CURVE
3-01, 2-05/06-A/B		1	
2/3-02-A/B		2	
2/3-03-A/B		3	
2/3-04-A/B		4	

22 Valvole e accessori modulari Cetop3

Cetop3 modular valves and accessories

Valvola di controllo di flusso CETOP3 CETOP3 modular flow control valve

Flusso controllato in uscita **U** o in entrata **E**

Flow controlled on outlet **U** or on return **E**

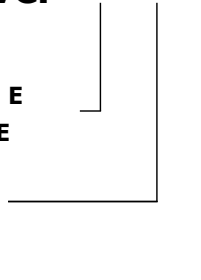
Porte controllate:

Flow controlled ports: **AB, AX, BX**

Valvola reversibile:

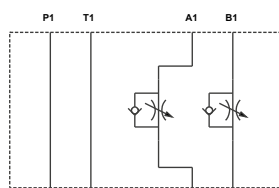
Reversible valve: **R**

VCF * ** *

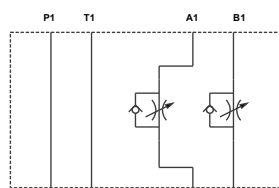


Versioni disponibili Available versions

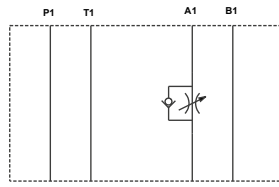
R9051101 - VCFUAB
R9051102 - VCFUABR



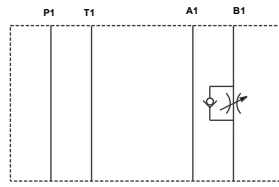
R9051103 - VCFEAB



R9051109 - VCFUAX
R9051104 - VCFUAXR

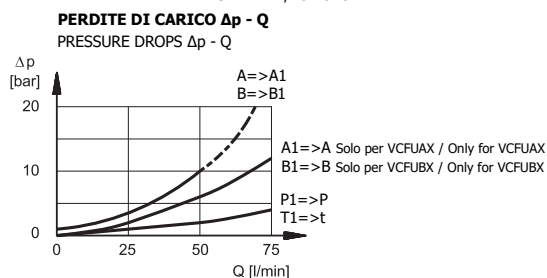
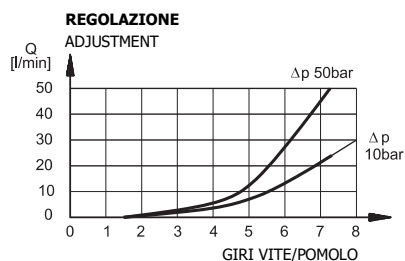


R9051110 - VCFUBX
R9051105 - VCFUBXR



CURVE CARATTERISTICHE (valori ottenuti con viscosità 36 cSt a 50°C)

CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



Valvola regolatrice di pressione ad azione diretta CETOP3 CETOP3 direct operated pressure relief valve

Tipologie di regolazione:

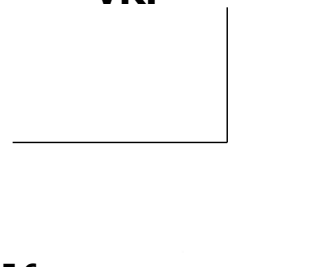
Pressure relief scheme types:

PT, AT, BT, ATBT, ABBA

Campo di regolazione:

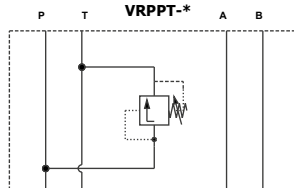
Pressure control range: **2,3,4,5,6**

VRP ** - ***

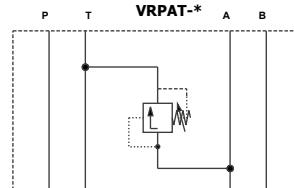


Versioni disponibili Available versions

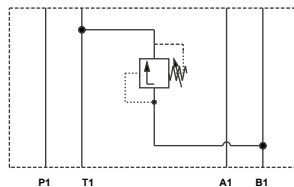
R813230*
VRPPT-*



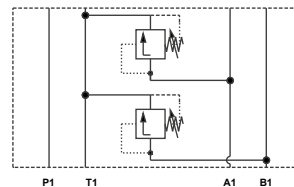
R813233*
VRPAT-*



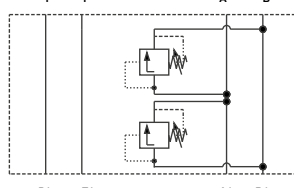
R813231*
VRPBT-*



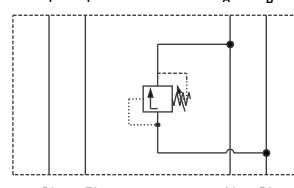
R813234*
VRPATBT-*



R813232*
VRPABBA-*

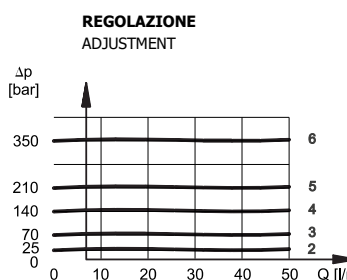


R813235*
VRPBA-*

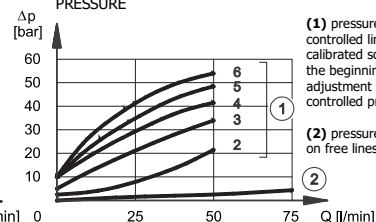


CURVE CARATTERISTICHE (valori ottenuti con viscosità 36 cSt a 50°C)

CHARACTERISTIC CURVES (values obtained with viscosity of 36 cSt at 50°C)



PERDITE DI CARICO E PRESSIONE MINIMA REGOLATA PRESSURE DROPS AND MINIMUM REGULATED PRESSURE



(1) condotti controllati con vite tarata ad inizio regolazione (pressione minima regolata)

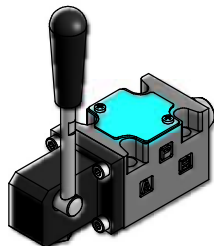
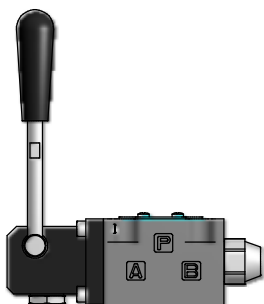
(2) perdite di carico nei condotti liberi

(1) pressure drops on controlled lines with calibrated screw at the beginning of the adjustment (minimum controlled pressure)

(2) pressure drops on free lines

22 Valvole e accessori modulari Cetop3

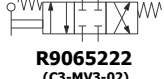
Cetop3 modular valves and accessories



Valvola direzionale CETOP3 ad azionamento manuale
Lever operated CETOP3 directional valve

Versioni disponibili
Available version

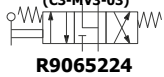
R9065221
(C3-MV3-01)



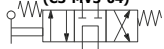
R9065222
(C3-MV3-02)



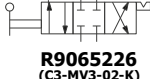
R9065223
(C3-MV3-03)



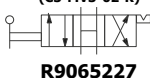
R9065224
(C3-MV3-04)



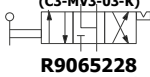
R9065225
(C3-MV3-01-K)



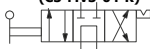
R9065226
(C3-MV3-02-K)



R9065227
(C3-MV3-03-K)



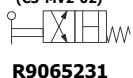
R9065228
(C3-MV3-04-K)



R9065229
(C3-MV2-01)



R9065230
(C3-MV2-02)



R9065231
(C3-MV2-03)



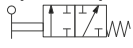
R9065232
(C3-MV2-04)



R9065233
(C3-MV2-05)



R9065234
(C3-MV2-06)



R9065235
(C3-MV2-01-K)



R9065236
(C3-MV2-02-K)



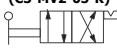
R9065237
(C3-MV2-03-K)



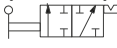
R9065238
(C3-MV2-04-K)



R9065239
(C3-MV2-05-K)



R9065240
(C3-MV2-06-K)



C3 - MV* - ** - *

Numero di posizioni
Valve positions number

N° riferimento schema idraulico
Hydraulic scheme reference n°

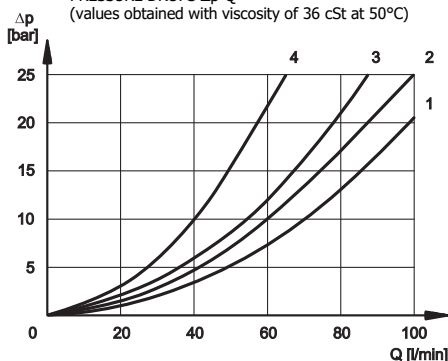
Ritorno a molla se omissso, «K» con detent
Spring return if omitted, «K» with detent

PERDITE DI CARICO $\Delta p-Q$

(valori ottenuti con viscosità 36 cSt a 50 °C)

PRESSURE DROPS $\Delta p-Q$

(values obtained with viscosity of 36 cSt at 50°C)



VALVOLA COMMUTATA
VALVE IN ENERGIZED POSITION

CURSORE SPOOL	COLLEGAMENTI FLOW DIRECTIONS			
	P→A	P→B	A→T	B→T
3-01, 2-01, 2-01-K	2	2	3	3
3-02, 2-02, 2-02-K	1	1	3	3
3-03, 2-03, 2-03-K	3	3	1	1
3-04, 2-04, 2-04-K	4	4	4	4
2-05, 2-05-K	3	3	3	3
2-06, 2-06-K	3	3		

VALVOLA IN POSIZIONE CENTRALE
VALVE IN DE-ENERGIZED POSITION

CURSORE SPOOL	COLLEGAMENTI FLOW DIRECTIONS			
	P→B	A→T	B→T	P→T
3-02, 2-02, 2-02-K				2
3-03, 2-03, 2-03-K		3	3	
3-04, 2-04, 2-04-K				3



Nexoil s.r.l.

Sede legale ed amministrativa

Headquarters

Via per Fagnano, 27 - 21052 Busto Arsizio (VA)

Tel. +39 0331 636390 Fax +39 0331 635860

C.F. e P.I. 03175670128

Unità produttiva, commerciale e tecnica

Production, Sales and Technical Dept.s

Corso Moncenisio, 18 - 10090 Rosta (TO)

Tel. +39 011 9342434 Fax +39 011 9370532

Ufficio commerciale

Sales Dept.

Via per Fagnano, 27 - 21052 Busto Arsizio (VA)

Tel. +39 0331 636390 Fax +39 0331 635860

