



pneumatic components

## production range

pneumatic cylinders and linear units

*cilindri pneumatici e unità lineari*

multipole connection systems

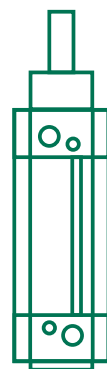
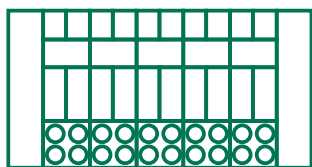
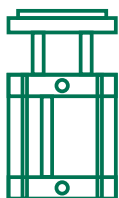
*sistemi di connessione multipolare*

valves and solenoid valves

*valvole ed elettrovalvole*

air treatment components

*trattamento aria*





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We listen to your voice to grow right technical solutions at competitive prices.

*Diamo voce alle tue richieste per sviluppare e fornire giuste soluzioni a prezzi competitivi.*

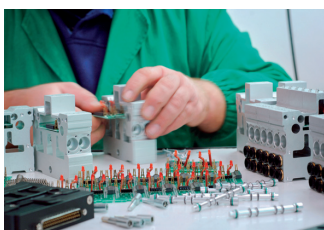
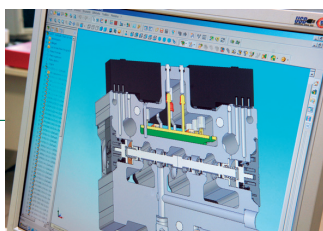
100% made in Italy design and production together with our knowledge and experience in order to offer a wide array of actuators and a complete assortment of valves.

*Valvole e cilindri al 100% concepiti e fabbricati in Italia con l'esperienza, la competenza e l'impegno dello staff Vesta.*

## DESIGN

Developing new products for automation industry **means** to invest day by day on skilled technicians and on innovative tools.

*Ricerca e sviluppo di sistemi e componenti per automazione **significa** investire in tecnici e strumenti selezionati ed innovativi.*



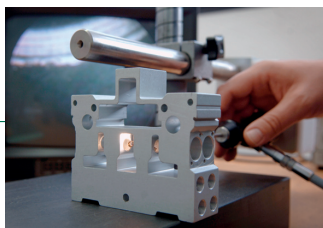
Producing high performing products **means** to pay attention to the choice of the best raw materials and to perform machining of high precision.

*Una gamma di prodotti ad elevate prestazioni ed alta affidabilità **significa** grande impegno nella scelta dei materiali e nella costanza e precisione delle lavorazioni.*

## MANUFACTURING

Ensuring high quality products **means** to perform quality and dimensional tests on each single part of which products are made up.

*Garantire la qualità del prodotto **significa** controllare ogni singolo particolare con cui è costruito il prodotto.*



## CONTROL

The development and production of 100% Made in Italy products **means for Vesta** to accept the challenge of the worldwide competition with the aim of satisfying the needs of our customers.

*Produrre e garantire componenti per automazione al 100% costruiti in Italia **significa per Vesta** accettare la sfida tecnologica sulla competizione globale ed ottenere in cambio la soddisfazione dei clienti.*

## PRODUCTS



Vesta Automation srl - via Martiri di Belfiore, 69/A - 45100 Rovigo (Italy)



## NEWS

## STAINLESS STEEL PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI INOX

ROUND MAGNETIC S.S. PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI INOX TONDI CON PISTONE MAGNETICO



**RSSC**  
Standard magnet  
Cilindro magnetico

## RSSC

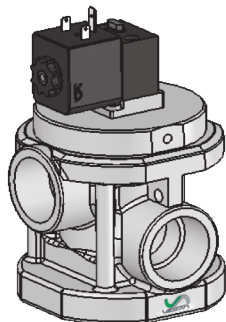
Bore / Alesaggio (mm):  
Ø32 .... 32  
Ø40 .... 40  
Ø50 .... 50  
Ø63 .... 63

Stroke  
Corsa (mm):

**P** Through rod cylinder  
Cilindro stelo passante

**VV** Viton all seals  
Tutte le guarnizioni in Viton

## 3/2 POPPET HIGH FLOW VALVES FOR AIR OR VACUUM / VALVOLE 3/2 AD OTTURATORE PER ARIA E VUOTO



Pneumatic Pilot / Comando Pneumatico **P**  
Solenoid Pilot / Comando Elettropneumatico **W**

Normally Closed (NC) / Normalmente Chiusa **6**  
Normally Open (NO) / Normalmente Aperta **9**

Standard **M**

External pilot Air Supply / Alimentazione Pilotaggio Esterno **E**

## PV32

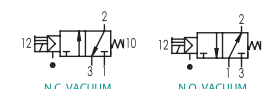
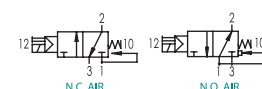
**1S**

Size / Taglia

**34** G 3/4"  
**10** G 1"  
**15** G 1 1/2"  
**20** G 2"

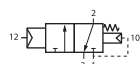
**A** Air / Aria

**V** Vacuum / Vuoto

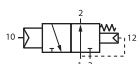


## VALVES AND SOLENOID VALVES SERIES JT G1/8, G1/4 / VALVOLE ED ELETTROVALVOLE SERIE JT G1/8, G1/4

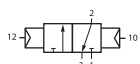
VALVES 3/2, 5/2 AND 5/3 SERIES JT G1/8, G1/4  
ELETTROVALVOLE 3/2, 5/2 SERIE JT G1/8, G1/4



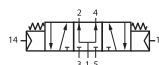
**JT32V1P618**  
**JT32V1P614**



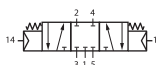
**JT32V1P918**  
**JT32V1P914**



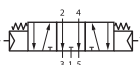
**JT32V2P018**  
**JT32V2P014**



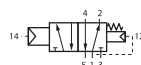
**JT53P2318**  
**JT53P2314**



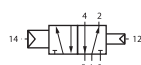
**JT53P2618**  
**JT53P2614**



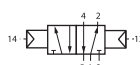
**JT53P2918**  
**JT53P2914**



**JT52P1018**  
**JT52P1014**



**JT52DP218**  
**JT52DP214**



**JT52P2018**  
**JT52P2014**



**JT32...**



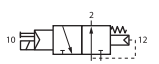
**JT52...**



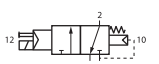
**JT53...**

SOLENOID VALVES 3/2, 5/2 AND 5/3 SERIES JT G1/8, G1/4

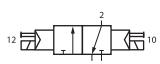
ELETTROVALVOLE 3/2, 5/2 E 5/3 SERIE JT G1/8, G1/4



**JT32W1S618**  
**JT32W1S614**



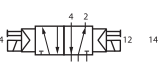
**JT32W1S918**  
**JT32W1S914**



**JT32W2S018**  
**JT32W2S014**



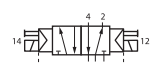
**JT52W1018**  
**JT52W1014**



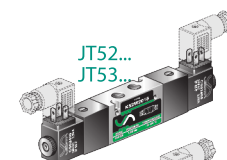
**JT52W2018**  
**JT52W2014**



**JT52W10E8**  
**JT52W10E4**



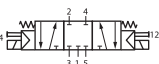
**JT52W20E8**  
**JT52W20E4**



**JT66...**



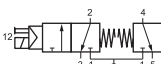
**JT53W2S318**  
**JT53W2S314**



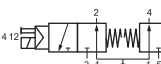
**JT53W2S618**  
**JT53W2S614**



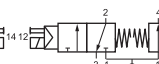
**JT53W2S918**  
**JT53W2S914**



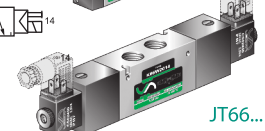
**JT66W2018**  
**JT66W2014**



**JT99W2018**  
**JT99W2014**



**JT69W2018**  
**JT69W2014**



For manifold version see pag.13 - Per montaggio in batteria pag.13

## PNEUMATIC GRIPPERS / MANI DI PRESA PNEUMATICHE



## MGA Series angular acting

Bore / Alesaggio (mm): **-MGA 10 -MGA 16**  
**-MGA 20 -MGA 25**

|                                                            | MGA 10 | MGA 16 | MGA 20  | MGA 25  |
|------------------------------------------------------------|--------|--------|---------|---------|
| Opening torque at 6 bar<br>Coppia serraggio apertura 6 bar | 22 Ncm | 90 Ncm | 178 Ncm | 356 Ncm |
| Closing torque at 6 bar<br>Coppia serraggio chiusura 6 bar | 16 Ncm | 72 Ncm | 156 Ncm | 320 Ncm |



## MGP Series parallel acting

Bore / Alesaggio (mm): **-MGP 10 -MGP 16**  
**-MGP 20 -MGP 25**

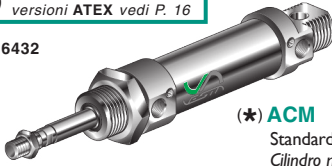
|                                                                   | MGP 10 | MGP 16 | MGP 20 | MGP 25 |
|-------------------------------------------------------------------|--------|--------|--------|--------|
| Opening gripping force at 6 bar<br>Forza serraggio apertura 6 bar | 36 N   | 100 N  | 212 N  | 282 N  |
| Closing gripping force at 6 bar<br>Forza serraggio chiusura 6 bar | 28 N   | 86 N   | 186 N  | 254 N  |

## PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI

### ISO 6432 WITH ADJUSTABLE CUSHONING / ISO 6432 CON AMMORTIZZATORI REGOLABILI

(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

ISO 6432



(\*) **ACM**  
Standard magnet  
Cilindro magnetico

(\*) **ACM**   /       
Bore / Alesaggio (mm):  
Ø16 ..... 16  
Ø20 ..... 20  
Ø25 ..... 25  
Stroke / Corsa (mm):  
(\*) **P** Through rod cylinder  
Cilindro stelo passante

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

### PNEUMATIC CYLINDERS STANDARD ISO 6432 WITH MECHANICAL BUFFERS / CILINDRI PNEUMATICI ISO 6432 CON SMORZATORI D'URTO MECCANICI

(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

ISO 6432

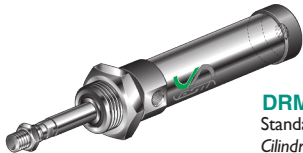


(\*) **DVM**  
Standard magnet  
Cilindro magnetico

(\*) **DVM**   /       
Bore / Alesaggio (mm):  
Ø12 ..... 12  
Ø16 ..... 16  
Ø20 ..... 20  
Ø25 ..... 25  
Stroke / Corsa (mm):  
(\*) **P** Through rod cylinder  
Cilindro stelo passante  
**SEA** Simple acting front spring  
Cilindro semplice effetto molla anteriore  
**SEP** Simple acting rear spring  
Cilindro semplice effetto molla posteriore

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

### AXIAL REAR INLET AIR CYLINDERS / CILINDRI PNEUMATICI CON ALIMENTAZIONE POSTERIORE IN ASSE



**DRM**  
Standard magnet  
Cilindro magnetico

**DRM**   /       
Bore / Alesaggio (mm):  
Ø12 ..... 12  
Ø16 ..... 16  
Ø20 ..... 20  
Ø25 ..... 25  
Stroke / Corsa (mm):  
**SEA** Simple acting front spring  
Cilindro semplice effetto molla anteriore

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

### ROUND MAGNETIC PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI TONDI CON PISTONE MAGNETICO



**ACMT - DVMT**  
Standard magnet  
Cilindro magnetico

**AC** Pneumatic cushioned  
Ammortizzatori pneumatici  
**DV** Mechanical buffers  
Smorzatori d'urto meccanici  
**MT**   /       
Bore / Alesaggio (mm):  
Ø32 ..... 32  
Ø40 ..... 40  
Ø50 ..... 50  
Stroke / Corsa (mm):  
(\*) **P** Through rod cylinder  
Cilindro stelo passante

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

### CARTRIDGE CYLINDERS / CILINDRI A CARTUCCIA



**CZ**  
Minicylinder single acting front spring  
Minicilindro Semplice effetto molla anteriore

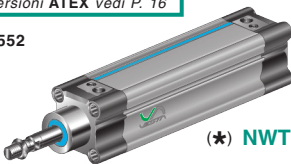
**CZ**   /       
Bore / Alesaggio (mm):  
Ø6 ..... 6  
Ø10 ..... 10  
Ø16 ..... 16  
Stroke / Corsa (mm):  
**T** Threaded piston rod (standard)  
Stelo filettato (standard)  
**S** Not threaded piston rod  
Stelo non filettato

**T** Threaded piston rod (standard)  
Stelo filettato (standard)  
**S** Not threaded piston rod  
Stelo non filettato

### PNEUMATIC CYLINDERS STANDARD ISO 15552 / CILINDRI PNEUMATICI ISO 15552

(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

ISO 15552



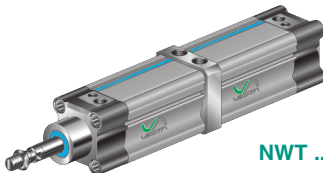
(\*) **NWT**

Magnetic cylinder  
Cilindro magnetico

(\*) **NWT**   /       
Bore / Alesaggio (mm):  
Ø32 ..... 32 Ø80 ..... 80  
Ø40 ..... 40 Ø100 ..... 100  
Ø50 ..... 50 Ø125 ..... 125  
Ø63 ..... 63  
Stroke / Corsa (mm):  
(\*) **P** Through rod cylinder  
Cilindro stelo passante  
**SEA** Simple acting front spring  
Cilindro semplice effetto molla anteriore  
**SEP** Simple acting rear spring  
Cilindro semplice effetto molla posteriore

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

### MULTI-THRUST TANDEM CYLINDERS / CILINDRI TANDEM MULTISPINTA



**NWT ... TN ...**

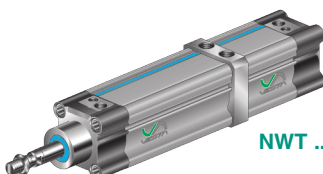
Magnetic cylinder  
Cilindro magnetico

**NWT**   /      **TN**      
Bore / Alesaggio (mm):  
Ø32 ..... 32 Ø63 ..... 63  
Ø40 ..... 40 Ø80 ..... 80  
Ø50 ..... 50 Ø100 ..... 100  
Ø125 ..... 125  
Stroke / Corsa (mm):  
N° (\*) of stages  
Stadi  
**P** Through rod cylinder  
Cilindro stelo passante

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

Available on request over 3 thrust cylinders / A richiesta cilindri da 3 a più spinte (\*)

### MULTI-POSITION CYLINDERS / CILINDRI MULTIPOSIZIONE



**NWT ... BS ...**

Magnetic cylinder  
Cilindro magnetico

**NWT**   /      **BS**    
Bore / Alesaggio (mm):  
Ø32 ..... 32 Ø63 ..... 63  
Ø40 ..... 40 Ø80 ..... 80  
Ø50 ..... 50 Ø100 ..... 100  
Ø125 ..... 125  
1° Stroke / Corsa (mm):  
2° Stroke / Corsa (mm):  
**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

Available on request over 3 position cylinders / A richiesta cilindri da 3 a più posizioni

# OPPOSED POSITIONING CYLINDERS / CILINDRI CONTRAPPOSTI

Magnetic cylinder  
Cilindro magnetico

**NWT**   /     -    **CN**

Bore / Alesaggio (mm):

Ø32 ... **32** Ø63 ... **63**  
Ø40 ... **40** Ø80 ... **80**  
Ø50 ... **50** Ø100 ... **100**  
Ø125 ... **125**

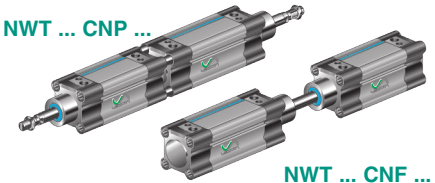
1°  
Stroke  
Corsa  
(mm):

2°  
Stroke  
Corsa  
(mm):

**P** Rear opposed cylinder / Cilindri contrapposti posteriori  
**F** Front opposed cylinder / Cilindri contrapposti anteriori

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

**NWT ... CNP ...**



**NWT ... CNF ...**

# PNEUMATIC CYLINDERS STANDARD ISO 15552 / CILINDRI PNEUMATICI ISO 15552

Magnetic cylinder  
Cilindro magnetico

**XJC**   /

Bore / Alesaggio (mm):

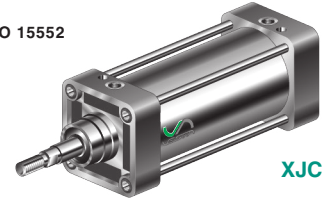
Ø160 ... **160** Ø250 ... **250**  
Ø200 ... **200** Ø320 ... **320**

Stroke  
Corsa  
(mm):

**P** Through rod cylinder  
Cilindro stelo passante

**VS** Viton rod seal  
Guarnizione dello stelo in Viton  
**VV** Viton all seals  
Tutte le guarnizioni in Viton

ISO 15552



**XJC**

(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

# COMPACT CYLINDERS ISO 21287 - UNITOP STANDARD / CILINDRI COMPATTI STANDARD ISO 21287 - UNITOP

(\*) **NSK**  -   -    -

ISO 21287 **I**  
UNITOP **U**

Bore / Alesaggio (mm):

Ø16 ... **16** Ø40 ... **40**  
Ø20 ... **20** Ø50 ... **50**  
Ø25 ... **25** Ø63 ... **63**  
Ø32 ... **32** Ø80 ... **80**  
Ø100 ... **100**

Stroke  
Corsa  
(mm)

Male thread **M**  
Filetto maschio

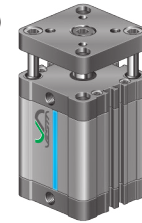
Female thread **F**  
Filetto femmina

**SEA** Single acting front spring  
Semplice effetto molla anteriore  
**SEP** Single acting rear spring  
Semplice effetto molla posteriore  
**P** Through rod cylinder  
Cilindro stelo passante  
**AR** Non rotating  
Cilindro antirrotazione

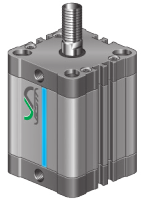
**VS** High Temperature (-25 / +120 °C) Polyurethan rod seal  
Guarnizione dello stelo in Poliuretano per alte Temperature (-25/+120°C)  
**VV** High Temperature (-25 / +120 °C) Polyurethan all seal  
Tutte le guarnizioni in Poliuretano per alte Temperature (-25/+120°C)



**NSK ... F**



**NSK ... AR**



**NSK ... M**

# MULTI-THRUST SHORT STROKE TANDEM CYLINDERS / CILINDRI TANDEM A CORSA BREVE MULTISPINTA

ISO 21287 **I**  
UNITOP **U**

**NSK**  -   /     **TN2**  -

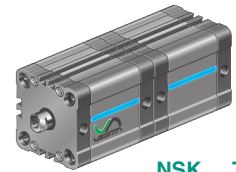
Bore / Alesaggio (mm):

Ø32 ... **32** Ø63 ... **63**  
Ø40 ... **40** Ø80 ... **80**  
Ø50 ... **50** Ø100 ... **100**

Stroke  
Corsa  
(mm):

**P** Through rod cylinder  
Cilindro stelo passante

**M** Threaded male piston rod  
Cilindro stelo filettato maschio  
**F** Threaded female piston rod  
Cilindro stelo filettato femmina



**NSK ... TN ...**

# MULTI-POSITION SHORT STROKE CYLINDERS / CILINDRI A CORSA BREVE MULTIPOSIZIONE

ISO 21287 **I**  
UNITOP **U**

**NSK**  -   /     **BS**

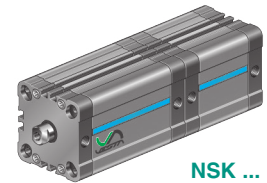
Bore / Alesaggio (mm):

Ø32 ... **32** Ø63 ... **63**  
Ø40 ... **40** Ø80 ... **80**  
Ø50 ... **50** Ø100 ... **100**

1°  
Stroke  
Corsa  
(mm):

2°  
Stroke  
Corsa  
(mm):

**M** Threaded male piston rod  
Cilindro stelo filettato maschio  
**F** Threaded female piston rod  
Cilindro stelo filettato femmina



**NSK ... BS ...**

# SHORT STROKE OPPOSED POSITIONING CYLINDERS / CILINDRI A CORSA BREVE CONTRAPPOSTI

ISO 21287 **I**  
UNITOP **U**

**NSK**  -   /     **CN**

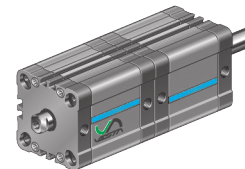
Bore / Alesaggio (mm):

Ø16 ... **16** Ø32 ... **32** Ø63 ... **63**  
Ø20 ... **20** Ø40 ... **40** Ø80 ... **80**  
Ø25 ... **25** Ø50 ... **50** Ø100 ... **100**

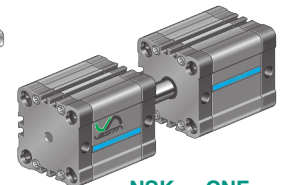
1°  
Stroke  
Corsa  
(mm):

2°  
Stroke  
Corsa  
(mm):

**P** Rear opposed cylinder  
Cilindri contrapposti posteriori  
**F** Front opposed cylinder  
Cilindri contrapposti anteriori



**NSK ... CNP ...**



**NSK ... CNF ...**

# SHORT STROKE CYLINDERS / CILINDRI A CORSA BREVE

**D** Double acting  
Cilindro doppio effetto  
**S** Simple acting  
Cilindro semplice effetto  
**DM** Double acting magnetic  
Doppio effetto magnetico  
**SM** Simple acting magnetic  
Semplice effetto magnetico

**SH**    -

Stroke  
Corsa  
(mm)

**P** Through rod cylinder  
Cilindro stelo passante  
**AR** Non rotating  
Cilindro antirrotazione

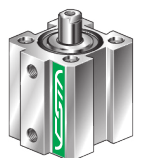
Bore / Alesaggio (mm):  
Ø12 ... **12** Ø32 ... **32** Ø63 ... **63** Ø125 ... **125**  
Ø16 ... **16** Ø40 ... **40** Ø80 ... **80** Ø160 ... **160**  
Ø20 ... **20** Ø50 ... **50** Ø100 ... **100** Ø200 ... **200**  
Ø25 ... **25**



**SHD** Ø125 ÷ Ø200



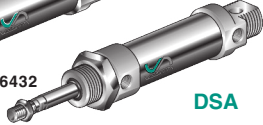
**SHDM... AR**



**SHD / SHDM**



## CYLINDERS ISO 6432 FOR AGGRESSIVE ENVIRONMENTS / CILINDRI ISO 6432 PER AMBIENTI AGGRESSIVI

(\*) **DSM**  **ISO 6432**  **DSA**

(\*) **ATEX** versions see P. 16  
versioni **ATEX** vedi P. 16

(\*) **M** Stainless steel caps  
Testate in acciaio INOX

**A** Acetal resin caps  
Testate in resina acetale

**DS**   /         **VV** Viton all seals (only DSM)  
Tutte le guarnizioni in Viton (solo DSM)

(\*) **P** Through rod cylinder  
Cilindro stelo passante

**SEA** Simple acting front spring  
Cilindro semplice effetto molla anteriore

**SEP** Simple acting rear spring  
Cilindro semplice effetto molla posteriore

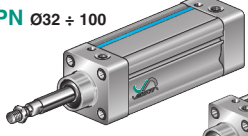
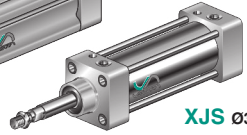
Stroke  
Corsa (mm):

Bore / Alesaggio (mm):

Ø12 ..... 12 Ø16 ..... 16  
Ø20 ..... 20 Ø25 ..... 25

Standard magnet  
Cilindro magnetico

## CYLINDERS ISO 15552 FOR AGGRESSIVE ENVIRONMENTS / CILINDRI ISO 15552 PER AMBIENTI AGGRESSIVI

**XPN** Ø32 ÷ 100  **ISO 15552**  **XJS** Ø32 ÷ 100

**PN** Acetal resin caps with barrel "clean profil"  
Testate in resina acetale e camicia in alluminio profilo pulito

**JS** Acetal resin caps, tie rods type  
Testate in resina acetale, esecuzione a tiranti

**X**   /                                                                                                                                                                                                                                                                                                                                                                          

**TRIPLE PISTON RODS PNEUMATIC ANTI-ROTATION CYLINDERS / CILINDRI ANTIROTAZIONE PNEUMATICI A 3 STELI**

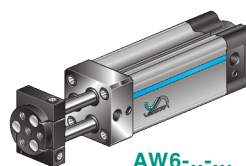
**6** Triple piston rods antirotation cylinder  
Cilindro base antirotazione a tre steli

**8** Triple piston rods cylinder  
with through piston rod  
Cilindro antirotazione a tre steli  
con stelo trapassante

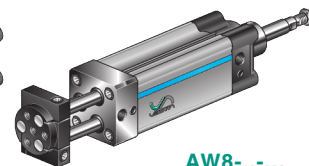
**AW**  -  -

Bore / Alesaggio (mm):  
Ø32 ... **32** Ø50 ... **50**  
Ø40 ... **40** Ø63 ... **63**

Stroke  
Corsa (mm):



AW6-...-...



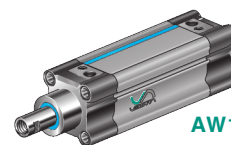
AW8-...-...

**CYLINDER WITH HOLED TELESCOPIC PISTON ROD / CILINDRO CON STELO CAVO PASSANTE INTERNO**

**AW1** -  -

Bore / Alesaggio (mm):  
Ø32 ... **32** Ø40 ... **40** Ø50 ... **50**

Stroke / Corsa (mm):  
**25; 50; 100; 160; 200;**  
**300; 400; 500.**



AW1-...-...

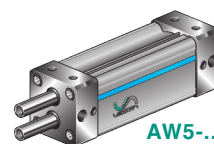
**TWIN AND TRIPLE HOLED TELESCOPIC PISTON RODS CYLINDERS / CILINDRI ANTIROTAZIONE A 2 E 3 STELI CAVI**

**5** Twin holed telescopic  
piston rods cylinder  
Cilindro antirotazione con  
due steli gemellati cavi

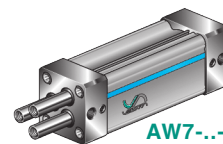
**AW**  -  -

Bore / Alesaggio (mm):  
Ø40 ... **40** Ø50 ... **50** Ø63 ... **63**

Stroke / Corsa (mm):  
**25; 50; 100; 160;**  
**200; 250; 300; 350;**  
**400; 450; 500.**



AW5-...-...



AW7-...-...

**7** Triple holed telescopic  
piston rods cylinder  
Cilindro antirotazione con tre steli cavi

**COMPACT GUIDE PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI COMPATTI GUIDATI**

**HCG**

**HNG**

Bore / Alesaggio (mm):  
Ø16 ... **16** Ø32 ... **32**  
Ø20 ... **20** Ø40 ... **40**  
Ø25 ... **25** Ø50 ... **50**

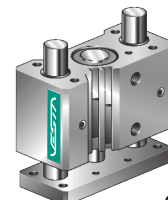
Bore / Alesaggio (mm):  
Ø16 ... **16** Ø40 ... **40**  
Ø20 ... **20** Ø50 ... **50**  
Ø25 ... **25** Ø63 ... **63**  
Ø32 ... **32**

Stroke  
Corsa (mm)

**BS** With brass bearing  
Con bronzina a strisciamento  
**BB** With ball bushing  
Con cuscinetti a ricircolo di sfere



**HNG**  
Ø16 ÷ 63



**HCG**  
Ø16 ÷ 50

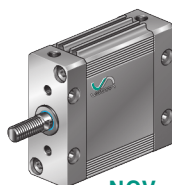
**FLAT CYLINDERS / CILINDRI PIATTI**

**NCV**   /

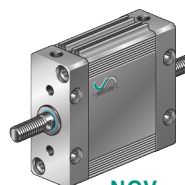
Bore / Alesaggio  
(mm):  
Ø63 ... **63**

Stroke  
Corsa (mm)

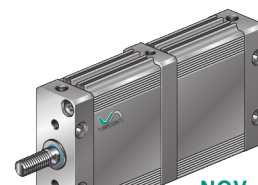
**P** Through rod cylinder  
Cilindro stelo passante  
**TN2** Multi Thrust tandem cylinder  
Cilindro tandem multispirata



**NCV ...**  
Ø63



**NCV ...P**  
Ø63



**NCV ...TN2**  
Ø63

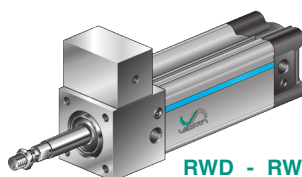
**CYLINDER WITH PISTON - ROD BRAKE / CILINDRI CON BLOCCAGGIO DELLO STELO**

**RW**   /

**D** Double acting brake  
Freno doppio effetto  
**S** Single acting brake  
Freno semplice effetto

Bore / Alesaggio (mm):  
Ø32 ... **32** Ø63 ... **63**  
Ø40 ... **40** Ø80 ... **80**  
Ø50 ... **50** Ø100 ... **100**

Stroke  
Corsa (mm)



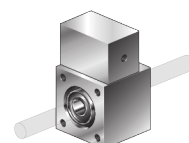
**RWD - RWS**

**BRAKING DEVICE / DISPOSITIVO DI BLOCCAGGIO**

**DC**

**D** Double acting  
Doppio effetto  
**S** Single acting  
Semplice effetto

Ø Rod / Ø Stelo (mm):  
Ø12 .. **12** Ø25 .. **25**  
Ø16 .. **16** Ø30 .. **30**  
Ø20 .. **20**



**DCD - DCS**

**ROTARY ACTUATORS / CILINDRI AD ALBERO ROTANTE UNI 6604 - 69**

**CRW**

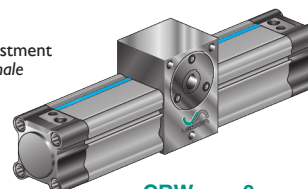
Bore / Alesaggio  
(mm):  
Ø25 ... **25**  
Ø32 ... **32**  
Ø40 ... **40**  
Ø50 ... **50**  
Ø63 ... **63**  
Ø80 ... **80**  
Ø100 ... **100**

Rotation angles / Angoli di rotazione  
**90; 180; 360;**

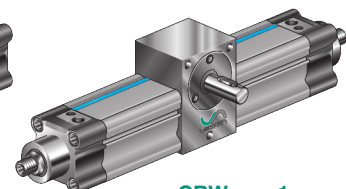
**0** Basic / Base

**1** With final angular adjustment  
Regolazione rotazione finale

**0** Male pinion  
Albero maschio  
**1** Female pinion  
Albero femmina



**CRW ... 0 ..**



**CRW ... 1 ..**

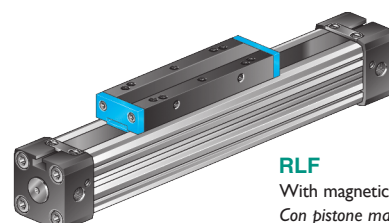
**RLF**   /

Bore / Alesaggio  
(mm):  
Ø16 ... **16**  
Ø25 ... **25**  
Ø32 ... **32**  
Ø40 ... **40**  
Ø50 ... **50**  
Ø63 ... **63**

Stroke  
Corsa (mm):

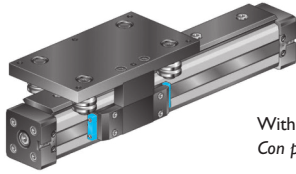
**O** Standard / Standard  
**V** Viton seals (v 1m/s) / Guarnizione in Viton (v 1m/s)  
**X** Inox screw / Viti inox  
**VX** Viton + inox screw / Viton + viti inox

Stroke  
Corsa (mm): { Ø25÷Ø63 = 100÷5700mm  
Ø16 = 100÷3300mm

**RODLESS BAND PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI SENZA STELO**


**RLF**  
With magnetic piston  
Con pistone magnetico

## DUAL RODLESS BAND PNEUMATIC CYLINDERS / CILINDRI PNEUMATICI SENZA STELO GEMELLATI



**RLFR**  
With magnetic piston  
Con pistone magnetico

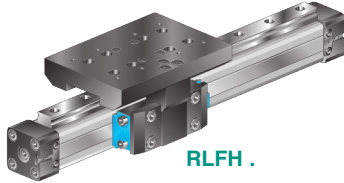
**RLFR**   /

Bore / Alesaggio (mm):  
Ø25 .... **25**  
Ø32 .... **32**  
Ø40 .... **40**

Stroke / Corsa (mm):

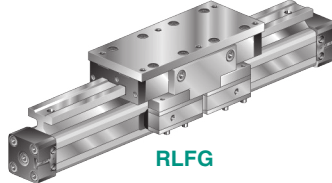
**O** Standard / Standard  
**V** Viton seals (v 1m/s) / Guarnizione in Viton (v 1m/s)

## RODLESS BAND CYLINDERS WITH BALL BEARING GUIDES / CILINDRI SENZA STELO CON CARRI GUIDATI A RICIRCOLO DI SFERE



**RLFH**

With magnetic piston / Con pistone magnetico



**RLFG**

**RLFG**  
**RLFH**

/

Stroke / Corsa (mm):  
max 3500 mm (RLFG)

Bore / Alesaggio (mm):

Ø16 .... **16** Ø32 .... **32**  
Ø25 .... **25** Ø40 .... **40**

**O** Standard  
Standard  
**V** Viton seals (v 1m/s)  
Guarnizione in Viton

## RODLESS MAGNETIC COUPLING CYLINDERS / CILINDRI A TRASCINAMENTO MAGNETICO



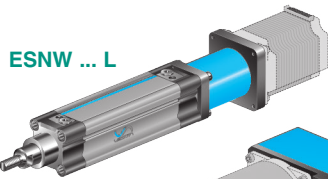
**TM**

**TM**   /

Bore / Alesaggio (mm):  
Ø12 .... **12**  
Ø20 .... **20**

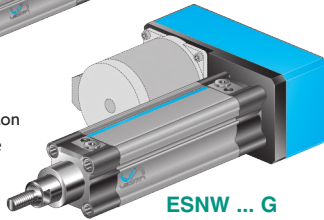
Stroke / Corsa (mm)

## ELECTRICAL ACTUATED CYLINDERS / ATTUATORI ELETTRICI



**ESNW ... L**

With magnetic piston  
Con pistone magnetico



**ESNW ... G**

**ESNW**   /     -     -

Bore / Alesaggio (mm):  
Ø32 .... **32**  
Ø50 .... **50**  
Ø63 .... **63**  
Ø80 .... **80**

Stroke / Corsa (mm):

Pitch ball screw  
Passo vite:  
**050**...5mm  
**100**...10mm(Ø80)  
**127**...12,7mm(Ø32-50)  
**200**...20mm(Ø63)

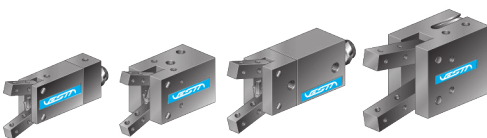
Upon request / A richiesta  
Motor torque / Coppia motore:  
**16** ... 1,6 Nm (only / solo Ø32)  
**46** ... 4,6 Nm (only / solo Ø50)  
**76** ... 7,6 Nm (only / solo Ø50)

**M** With step motor / Completo di motore

**L** Linear direct transmission / Trasmissione diretta, in linea  
**G** Gear parallel transmission / Rinvio parallelo

A richiesta sono fornibili azionamenti e controlli per motori a passo forniti con i cilindri elettrici

## PNEUMATIC GRIPPERS / MANI DI PRESA PNEUMATICHE



**MH16**

**MH . 20**

**MH . 32**

**MH . 50**

Base / Base  
**M** Magnetic  
Predisposto per  
interruttori  
magnetici

**MH**  -   -

Bore / Alesaggio (mm):  
Ø16 .... **16**  
Ø20 .... **20**  
Ø32 .... **32**  
Ø50 .... **50**

**SE** Simple acting  
Semplice effetto  
**DE** Double acting  
Doppio effetto

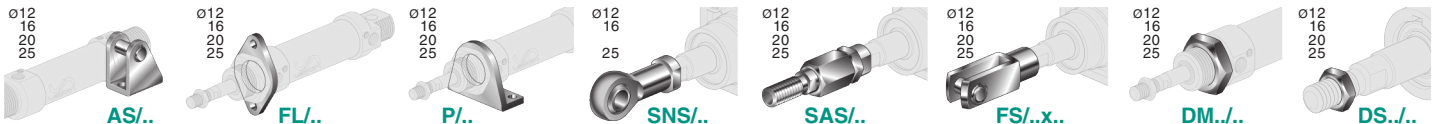
**NA** Normally open  
Normalmente aperta  
**NC** Normally closed  
Normalmente chiusa

**0** Base Base

**1** Back through rod  
Stelo posteriore uscente

## FIXING ACCESSORIES / ACCESSORI DI FISSAGGIO

### FIXING ACCESSORIES FOR ISO 6432 CYLINDER / ACCESSORI DI FISSAGGIO CILINDRI ISO 6432



**AS/..**

**FL/..**

**PI/..**

**SNS/..**

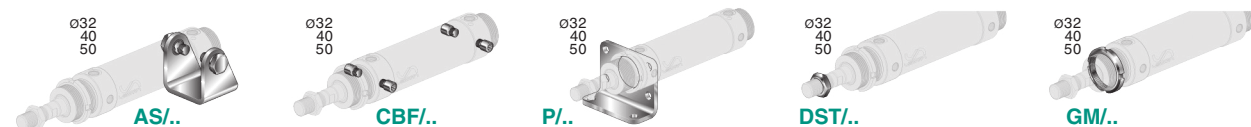
**SAS/..**

**FS/..x..**

**DM/..**

**DS/..**

### FIXING ACCESSORIES FOR ACMT AND DVMT / ACCESSORI DI FISSAGGIO CILINDRI ACMT E DVMT



**AS/..**

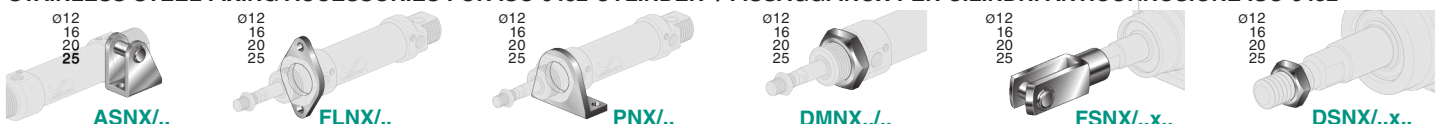
**CBF/..**

**PI/..**

**DST/..**

**GM/..**

### STAINLESS STEEL FIXING ACCESSORIES FOR ISO 6432 CYLINDER / FISSAGGI INOX PER CILINDRI ANTICORROSIONE ISO 6432



**ASNX/..**

**FLNX/..**

**PNX/..**

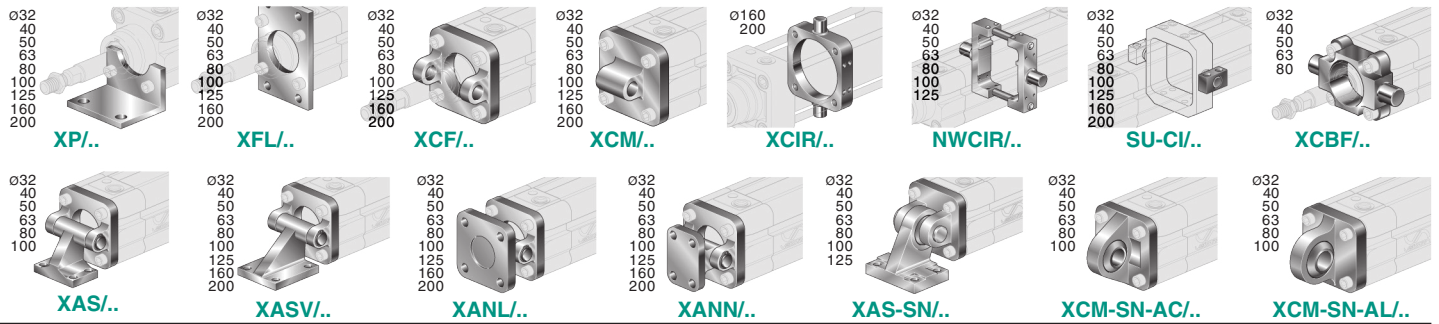
**DMNX/..**

**FSNX/..x..**

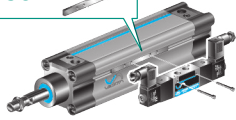
**DSNX/..x..**



### FIXING ACCESSORIES FOR ISO 15552 CYLINDER / ACCESSORI DI FISSAGGIO CILINDRI ISO 15552

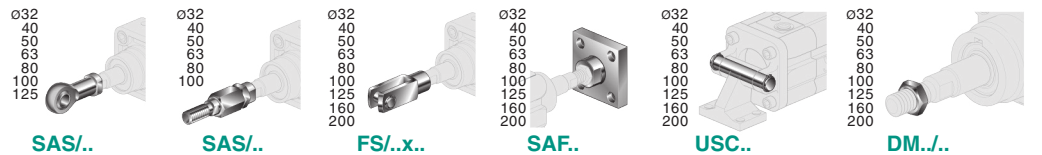


SCVK

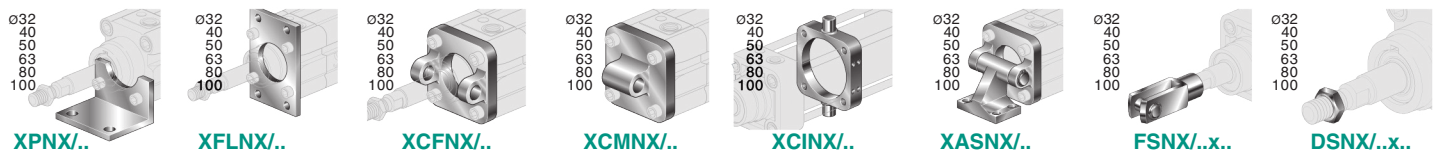


For valves KI/8" and KI/4" - Per valvole KI/8" e KI/4"

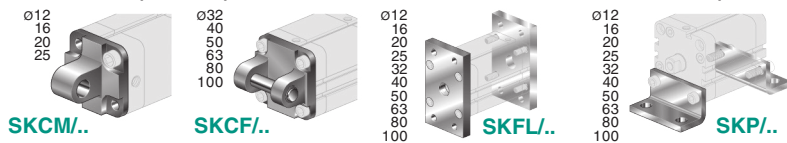
### FIXING ACCESSORIES FOR ISO 15552 CYLINDER / ACCESSORI DI FISSAGGIO CILINDRI ISO 15552



### STAINLESS STEEL FIXING ACCESSORIES FOR ISO 15552 CYLINDER / FISSAGGI INOX PER CILINDRI ANTICORROSIONE ISO 15552



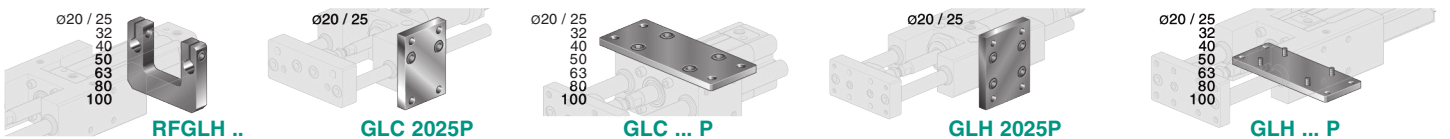
### NSK (UNITOP) CYLINDER FIXING / FISSAGGI CILINDRI NSK (UNITOP)



### SH CYLINDER FIXING / FISSAGGI PER CILINDRI SH



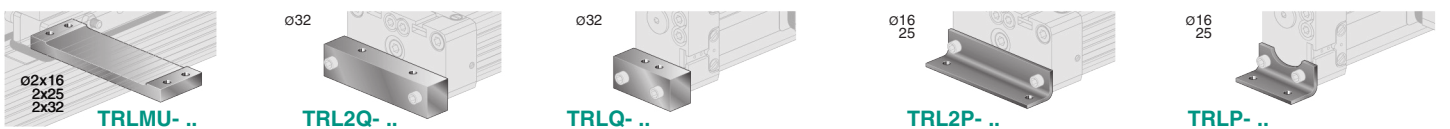
### FIXING ACCESSORIES FOR GUIDE UNITS / ACCESSORI DI FISSAGGIO PER UNITA' DI GUIDA



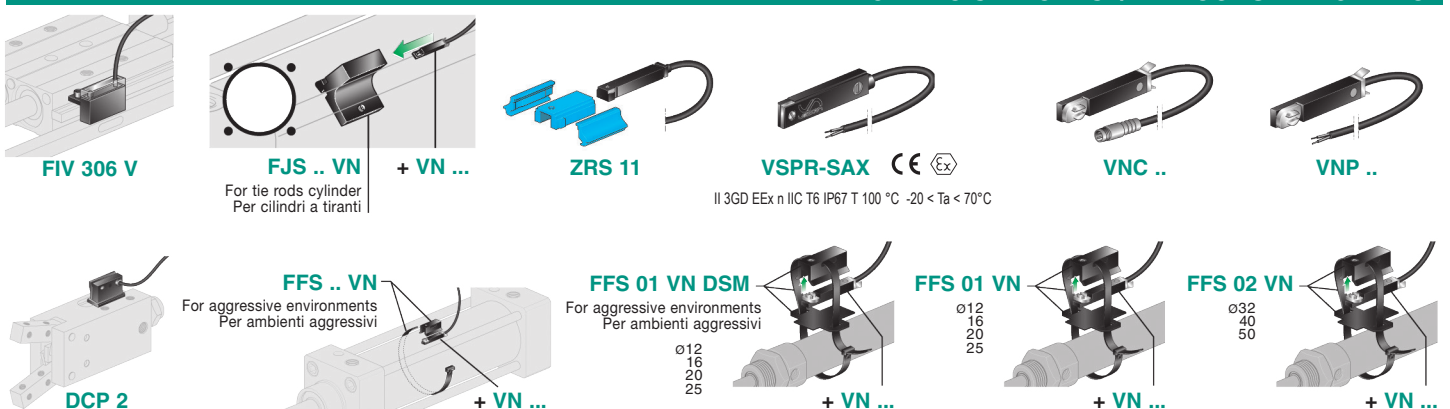
### FIXING ACCESSORIES FOR RODLESS PNEUMATIC CYLINDERS / ACCESSORI DI FISSAGGIO PER CILINDRI PNEUMATICI SENZA STELO



### FIXING ACCESSORIES FOR DUAL RODLESS CYLINDERS / ACCESSORI DI FISSAGGIO PER CILINDRI DOPPI SENZA STELO



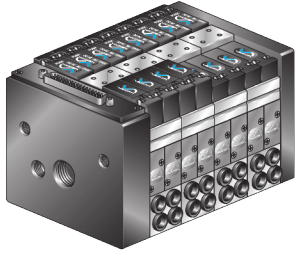
### MAGNETIC SWITCHES / FINECORS MAGNETICI





## 4HF MULTIPOLE CONNECTION SYSTEM / SISTEMA DI CONNESSIONE MULTIPOLARE 4HF

### MULTIPOLE CONNECTION SYSTEM / SISTEMA DI CONNESSIONE MULTIPOLARE 4HF


**4HF**

**25** 25 pin SUB-D connection  
Connessione Sub-D 25

**37** 37 pin SUB-D connection  
Connessione Sub-D 37

**B; C; D; E; F; W; M; G; H; V; X; Y;**  
Valve functions and priority sequence  
Funzioni valvole e sequenza di assemblaggio

**T** Thread G1/8" working ports  
Utilizzi filettati G1/8"

**R** Push-in fittings (lateral) Ø8  
Cartucce Ø8 laterali

**0** Solenoid operators / Solenoidi: 24 V DC

**5** Solenoid operators / Solenoidi: 24 V AC

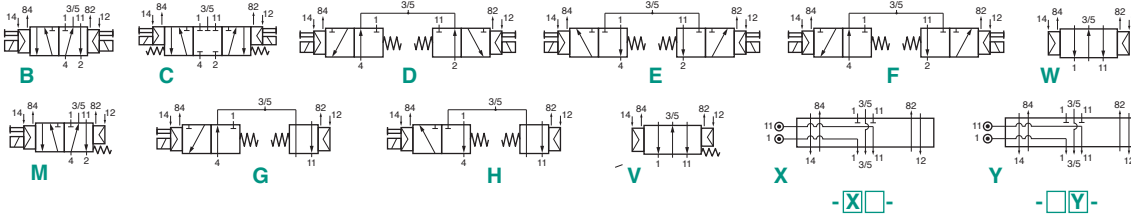
**CS** Front plate common supply  
Testata anteriore ingressi in comune

**SS** Front plate with three separate supplies  
Testata anteriore ingressi separati

**P** Blind rear plate / Testata posteriore cieca

**S** Rear plate with supplementary exhaust and air supplies  
Testata posteriore scarico ed alimentazioni supplementari

### MANIFOLD VALVE FUNCTIONS / FUNZIONI DELLE VALVOLE



### CABLE / CAVO

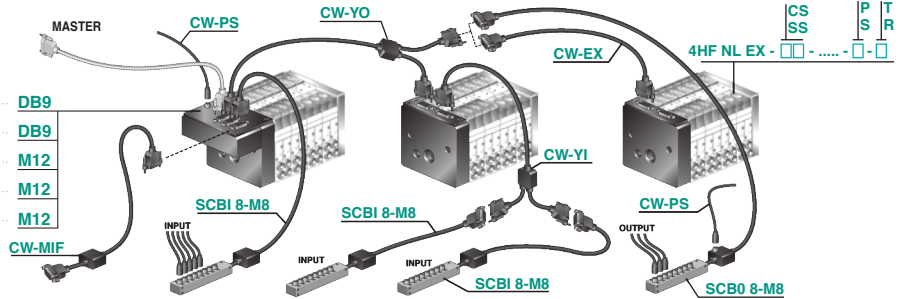


**WPC-25-050** → SUB D 25  
**WPC-37-050** → SUB D 37  
Standard 5 m.

## 4HF NETLOGIC FIELDBUS SYSTEM / SISTEMA 4HF NETLOGIC

### 4HF NETLOGIC FIELDBUS SYSTEM SISTEMA 4HF NETLOGIC

**PROFIBUS:** 4HF NL PFD - **CS SS** - **P S T R** - **DB9**  
**ETHERNET:** 4HF NL ETH - **CS SS** - **P S T R** - **DB9**  
**PROFIBUS:** 4HF NL PFM - **CS SS** - **P S T R** - **M12**  
**CANOPEN:** 4HF NL CNO - **CS SS** - **P S T R** - **M12**  
**DEVICENET:** 4HF NL DNM - **CS SS** - **P S T R** - **M12**



## VALVES AND SOLENOID VALVES / VALVOLE ED ELETTROVALVOLE

**G 1/8: ...18; (\*) G 1/4: ...14; (\*) G 1/2: ...12.**

### PNEUMATIC VALVES 3/2 SERIES V32 / VALVOLE PNEUMATICHE 3/2 SERIE PNEUMATIC V32

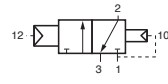
(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16



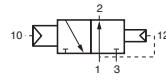
**V32V1...1.**



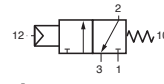
**V32V2...1.**



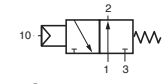
**V32V1P61 .**



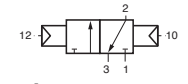
**V32V1P91 .**



(\*) **V32V1P6M .**



(\*) **V32V1P9M .**



(\*) **V32V2P01 .**

### PNEUMATIC VALVES 5/2 AND 5/3 SERIES V52 - V53 / VALVOLE PNEUMATICHE 5/2 E 5/3 SERIE V52 - V53

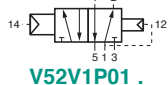
(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16



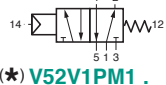
**V52V1...1.**



**V53V2...1.**



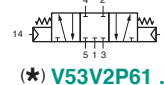
**V52V1P01 .**



(\*) **V52V1PM1 .**



(\*) **V52V2P01 .**  
(V52V2PD1 . differential)



(\*) **V53V2P61 .**



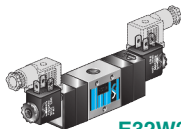
(\*) **V53V2P91 .**

### SOLENOID VALVES 3/2 SERIES E32 / ELETTROVALVOLE PNEUMATICHE 3/2 SERIE E32

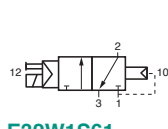
(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16



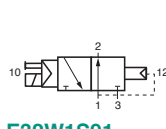
**E32W1...1.**



**E32W2...1.**



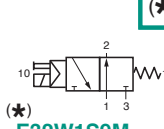
**E32W1S61 .-.....**



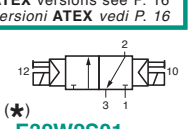
**E32W1S91 .-.....**



(\*) **E32W1S6M .-.....**



(\*) **E32W1S9M .-.....**



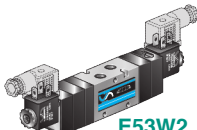
(\*) **E32W2S01 .-.....**

### SOLENOID VALVES 5/2 AND 5/3 SERIES E52 - E53 / ELETTROVALVOLE PNEUMATICHE 5/2 E 5/3 SERIE E52 - E53

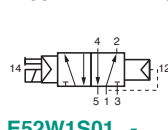
(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16



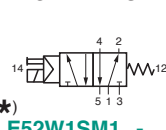
**E52W1...1.**



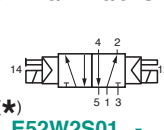
**E53W2...1.**



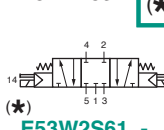
**E52W1S01 .-.....**



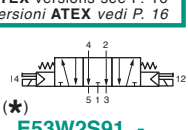
(\*) **E52W1SM1 .-.....**



(\*) **E52W2S01 .-.....**

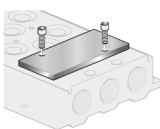


(\*) **E53W2S61 .-.....**



(\*) **E53W2S91 .-.....**

### MANIFOLDS / BASI PER VALVOLE



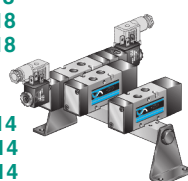
**PCH 018**  
**PCH 014**



**ME .18**  
**ME .14**

**RTCOV .18**  
**SBCOV .18**  
**SACOV .18**

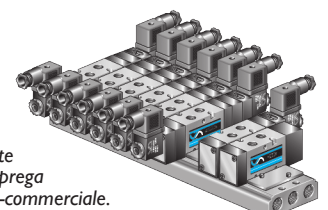
**RTCOV .14**  
**SBCOV .14**  
**SACOV .14**



### ASSEMBLIES / COLLETTORI

For already assembled manifolds please contact our technical-sales department.

Per la fornitura di basi preassemblate di valvole filettate G1/8 e G1/4 si prega di consultare il nostro ufficio tecnico-commerciale.



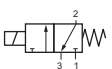
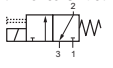
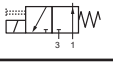
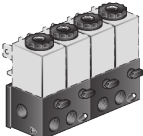
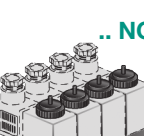
(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

## DIRECT ACTING SOLENOID VALVES / ELETTROVALVOLE A COMANDO DIRETTO

### DIRECT ACTING SOLENOID VALVES / ELETTROVALVOLE A COMANDO DIRETTO

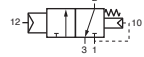
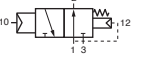
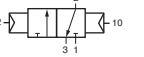
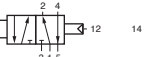
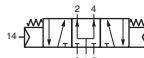
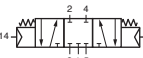
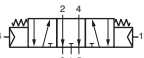
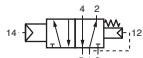
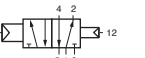
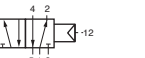
|                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>(*) BE 1 -2.....NC<br/>(*) BE 1 -5.....NC</p>  <p>BE 1 -2.....NO<br/>BE 1 -5.....NO</p> <p>(Coil: 5W) - (Solenoid: 5W)</p> <p>DIRECT ACTING SOLENOID VALVE<br/>ELETTROVALVOLE A COMANDO DIRETTO</p> |  <p>(*) BE . -2.....NC<br/>(*) BE . -5.....NC</p>  <p>BE . -2.....NO<br/>BE . -5.....NO</p> <p>(Coil: 5W) - (Solenoid: 5W)</p> <p>DIRECT ACTING SOLENOID VALVES - MANIFOLDS<br/>ELETTROVALVOLE A COMANDO DIRETTO IN BATTERIA</p> |  <p>(*) BE 1 M -2.....NC<br/>(*) BE 1 M -5.....NC</p>  <p>BE 1 M -2.....NO<br/>BE 1 M -5.....NO</p> <p>(Coil: 5W) - (Solenoid: 5W)</p> <p>DIRECT ACTING SOLENOID VALVE WITH MANUAL OVERRIDE<br/>ELETTROVALVOLE A COMANDO DIRETTO CON COMANDO MANUALE</p> |  <p>(*) BE . M -2.....NC<br/>(*) BE . M -5.....NC</p>  <p>BE . M -2.....NO<br/>BE . M -5.....NO</p> <p>(Coil: 5W) - (Solenoid: 5W)</p> <p>DIRECT ACTING SOLENOID VALVES WITH MANUAL OVERRIDE - MANIFOLDS<br/>ELETTROVALVOLE A COMANDO DIRETTO CON COMANDO MANUALE IN BATTERIA</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### DIRECT ACTUATED VALVES 3/2 NC TUBE Ø4mm AND G1/8 / ELETTROVALVOLE A COMANDO DIRETTO 3/2 NC TUBO Ø4mm E G1/8

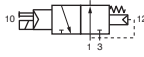
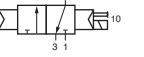
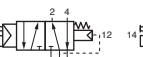
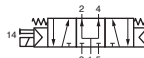
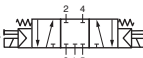
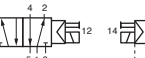
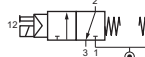
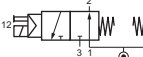
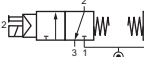
|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>MBE- 4-.....</b></p> <p>Number of station valves<br/>Numero posti<br/><b>2, 4, 6, ..., 16</b></p>  <p>Standard normally closed<br/>Normalmente chiusa</p> | <p><b>MBE- 8-.....</b></p> <p>Number of station valves<br/>Numero posti<br/><b>2, 4, 6, ..., 16</b></p> <p>(Only 5 Watt for NA version)</p> <p><b>M</b><br/>with manual control<br/>con controllo manuale<br/>(Standard without manual control<br/>Standard senza controllo manuale)</p> | <p><b>NC</b> Normally closed<br/>Normalmente chiusa</p>  <p><b>NO</b> Normally open<br/>Normalmente aperta</p>  | <p><b>.. NO</b></p>  <p><b>.. NC</b></p>  <p>WITH MANUAL OVERRIDE<br/>CON CONTROLLO MANUALE</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## VALVES AND SOLENOID VALVES SERIES K G1/8, G1/4 AND G1/2 / VALVOLE ED ELETTROVALVOLE SERIE K G1/8, G1/4 E G1/2

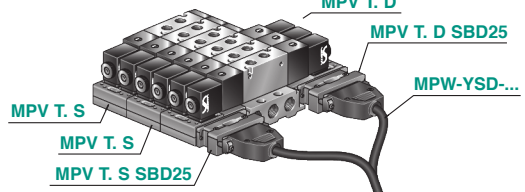
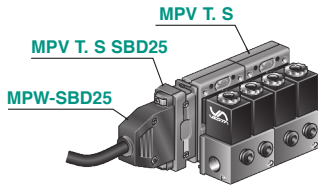
### VALVES 3/2, 5/2 AND 5/3 SERIES K G1/8, G1/4 AND G1/2 / VALVOLE 3/2, 5/2 E 5/3 SERIE K G1/8, G1/4 E G1/2

|                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                |                                                                                                            |                                                                                                                                  |                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|  <p><b>K32V1P618</b><br/><b>K32V1P614</b><br/><b>K32V1P612</b></p> |  <p><b>K32V1P918</b><br/><b>K32V1P914</b><br/><b>K32V1P912</b></p> |  <p><b>K32V2P018</b><br/><b>K32V2P014</b><br/><b>K32V2P012</b></p> |  <p><b>K52P1018</b></p>                      |  <p><b>K52DP218</b></p> |  <p><b>K52P2018</b></p>                      |  <p><b>K32...</b></p>  |
|  <p><b>K53P2318</b><br/><b>K53P2314</b><br/><b>K53P2312</b></p>   |  <p><b>K53P2618</b><br/><b>K53P2614</b><br/><b>K53P2612</b></p>  |  <p><b>K53P2918</b><br/><b>K53P2914</b><br/><b>K53P2912</b></p>  |  <p><b>K52P1014</b><br/><b>K52P1012</b></p> |  <p><b>K52DP214</b></p> |  <p><b>K52P2014</b><br/><b>K52P2012</b></p> |  <p><b>K52...</b></p> |
|                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                                     |                                                                                                                                |                                                                                                            |                                                                                                                                  |  <p><b>K53...</b></p> |

### SOLENOID VALVES 3/2, 5/2 AND 5/3 SERIES K G1/8, G1/4 AND G1/2 / ELETTROVALVOLE 3/2, 5/2 E 5/3 SERIE K G1/8, G1/4 E G1/2

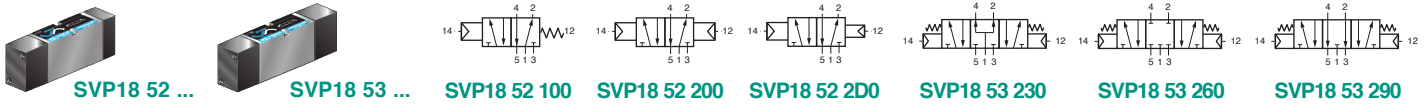
|                                                                                                                                                      |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                |                                                                                                                                |                                                                                                                                  |                                                                                                                                  |                                                                                                                                 |                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|  <p><b>K32W1S618</b><br/><b>K32W1S614</b><br/><b>K32W1S612</b></p> |  <p><b>K32W1S918</b><br/><b>K32W1S914</b><br/><b>K32W1S912</b></p> |  <p><b>K32W2S018</b><br/><b>K32W2S014</b><br/><b>K32W2S012</b></p> |  <p><b>K52W1018</b></p>                     |  <p><b>K52W2018</b></p>                     |  <p><b>K52W10E8</b></p>                     |  <p><b>K52W20E8</b></p>                     |  <p><b>K52...</b><br/><b>K53...</b></p>    |                                                                                                            |
|  <p><b>K53W2S318</b><br/><b>K53W2S314</b><br/><b>K53W2S312</b></p> |  <p><b>K53W2S618</b><br/><b>K53W2S614</b><br/><b>K53W2S612</b></p> |  <p><b>K53W2S918</b><br/><b>K53W2S914</b><br/><b>K53W2S912</b></p> |  <p><b>K52W1014</b><br/><b>K52W1012</b></p> |  <p><b>K52W2014</b><br/><b>K52W2012</b></p> |  <p><b>K52W10E4</b><br/><b>K52W10E2</b></p> |  <p><b>K52W20E4</b><br/><b>K52W20E2</b></p> |  <p><b>K32...</b></p>                      |                                                                                                            |
| <p>ENBLOC FOR VALVES SERIES K G1/8 AND G1/4<br/>BASI PER ELETTROVALVOLE SERIE K G1/8 E G1/4</p>                                                      |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                |                                                                                                                                |                                                                                                                                  |  <p><b>K66...</b></p>                       |                                                                                                                                 |                                                                                                            |
|  <p><b>K66W2018</b><br/><b>K66W2014</b></p>                       |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                |                                                                                                                                |                                                                                                                                  |  <p><b>K99W2018</b><br/><b>K99W2014</b></p>   |  <p><b>K69W2018</b><br/><b>K69W2014</b></p> |  <p><b>K66...</b></p> |

### ELECTRICAL CONNECTION MODULE SIZE T1 AND T2 / MODULO DI COLLEGAMENTO ELETTRICO T1 E T2

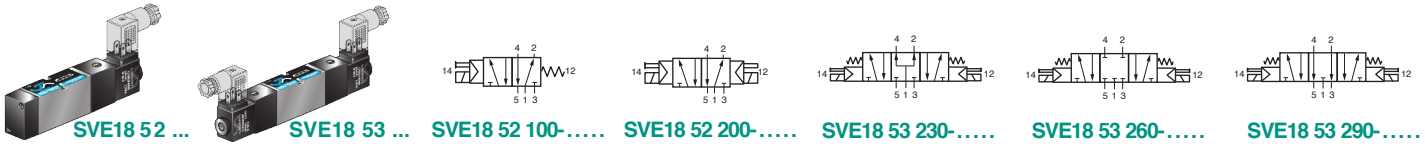
|                                                                                                                               |                                                                                                                                     |                                                                                                                                      |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>KME . 18</b><br/><b>KME . 14</b></p> |  <p><b>MPV T. S</b><br/><b>MPV T. S SBD25</b></p> |  <p><b>MPV T. S</b><br/><b>MPV T. S SBD25</b></p> |  <p><b>MPV T. D</b><br/><b>MPV T. D SBD25</b><br/><b>MPW-YSD-...</b></p>                                                                                                                                               |  <p><b>MPV T. S</b><br/><b>MPV T. S SBD25</b><br/><b>MPW-SBD25</b></p>                                                                                                                            |
| <p><b>MPV T1</b> S n° 0-16<br/>Taglia I<br/>Size 1<br/><b>T2</b> D n° 17-32<br/>Taglia 2<br/>Size 2</p>                       | <p><b>MPV T1</b> S n° 0-16<br/>Taglia I<br/>Size 1<br/><b>T2</b> D n° 17-32<br/>Taglia 2<br/>Size 2</p>                             | <p><b>MPV T1</b> S n° 0-16<br/>Taglia I<br/>Size 1<br/><b>T2</b> D n° 17-32<br/>Taglia 2<br/>Size 2</p>                              | <p><b>MPK</b> Max 16 valve stations / Max 16 posti valvola<br/>Valves / valvole K1/4 14<br/>Valves / valvole K1/8 18<br/>B: C; D; E; F; M; V; W;<br/>Valve functions and priority sequence<br/>Funzioni valvole e sequenza di assemblaggio<br/>CS Solenoid<br/>Solenoid CS<br/>00 24V dc<br/>50 24V ac</p> | <p><b>MPB</b> Valves / valvole 3/2 G1/8 8<br/>Valves / valvole 3/2 Ø4 4<br/>MS Solenoid / Solenoide MS<br/>24V dc: 02400<br/>24V ac: 02450<br/>Number of station valves<br/>Numero posti<br/>2, 4, 6, ..., 16<br/>M With override / Manuale<br/>W Without override / Senza manuale</p> |

## VALVES AND SOLENOID VALVES ISO 24563 STANDARD / VALVOLE ED ELETTROVALVOLE CONFORMI ISO 24563

### PNEUMATIC VALVES 5/2 AND 5/3 ISO 18 mm / VALVOLE PNEUMATICHE 5/2 E 5/3 SERIE ISO 18 mm



### SOLENOID VALVES 5/2 AND 5/3 ISO 18 mm / ELETTROVALVOLE 5/2 E 5/3 SERIE ISO 18 mm



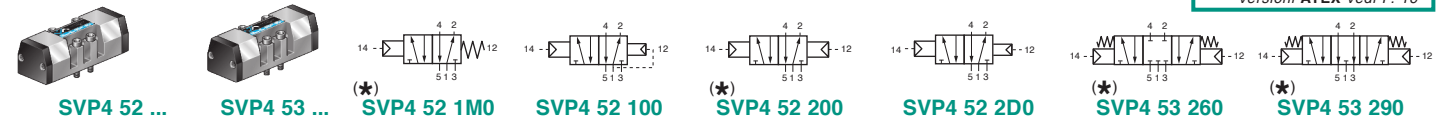
### MANIFOLDS ISO 18 mm / ACCESSORI DI FISSAGGIO SERIE ISO 18 mm



## VALVES AND SOLENOID VALVES ISO 5599 STANDARD / VALVOLE ED ELETTROVALVOLE CONFORMI ISO 5599

### TAGLIA / SIZE 1

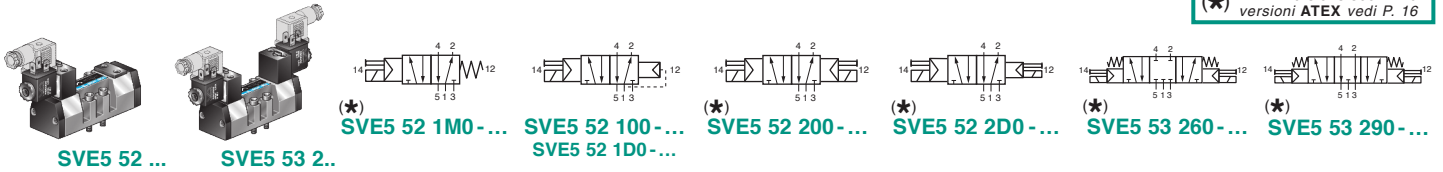
#### PNEUMATIC VALVES SERIES SVP4 / VALVOLE PNEUMATICHE SERIE SVP4



(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

### TAGLIA / SIZE 1

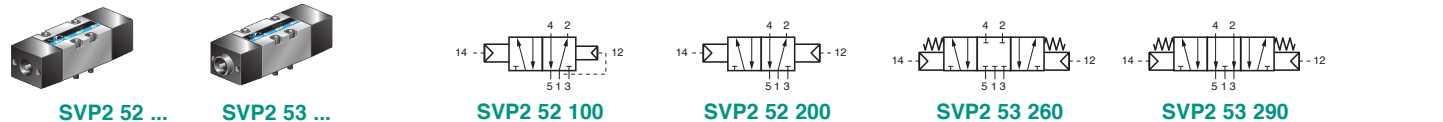
#### SOLENOID VALVES SERIES SVE5 / ELETTROVALVOLE SERIE SVE5



(\*) ATEX versions see P. 16  
versioni ATEX vedi P. 16

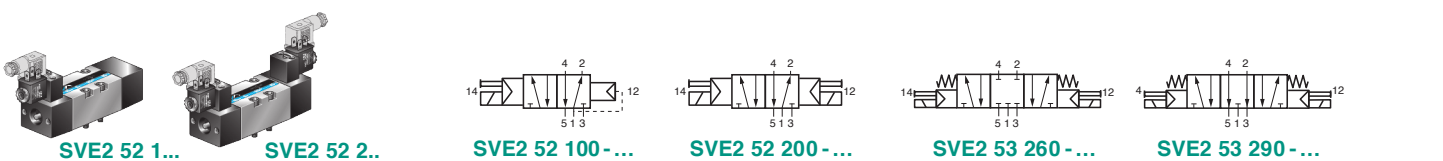
### TAGLIA / SIZE 2

#### PNEUMATIC VALVES SERIES SVP2 / VALVOLE PNEUMATICHE SERIE SVP2

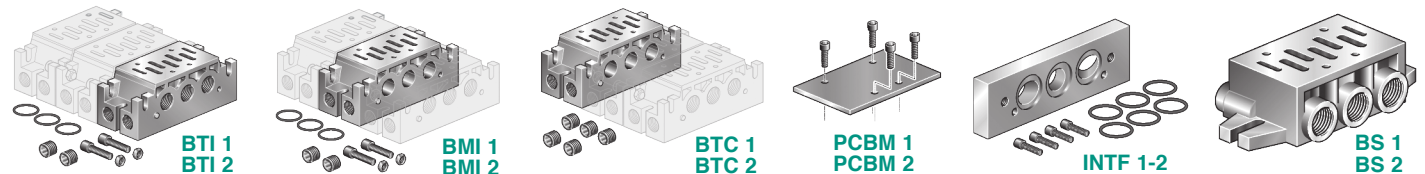


### TAGLIA / SIZE 2

#### SOLENOID VALVES SERIES SVE2 / ELETTROVALVOLE SERIE SVE2

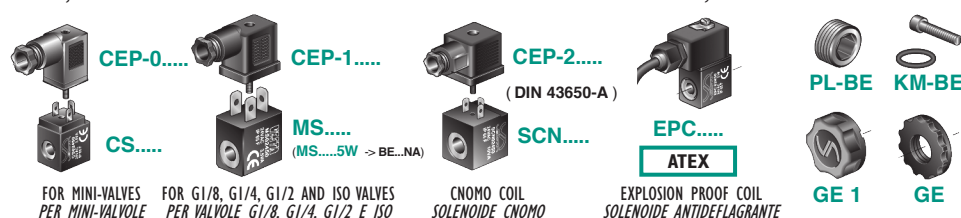


### MANIFOLD STANDARD ISO 5599 / BASI PER BATTERIE ISO 5599

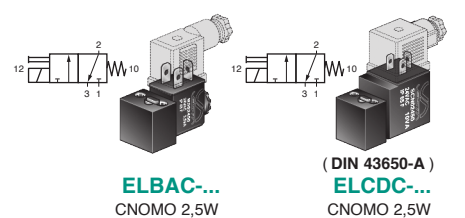


## SOLENOID, COILS AND PILOT CONTROL SOLENOID VALVES / SOLENOIDI, BOBINE ED ELETTROPILOTI

### COILS, SOLENOID CONNECTORS AND SPARE PARTS / CONNETTORI, SOLENOIDI E RICAMBI



### SOLENOID VALVES / ELETTROPILOTI

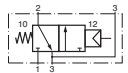




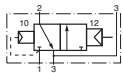
## VALVES AND SOLENOID VALVES SERIES NAMUR / VALVOLE ED ELETTROVALVOLE SERIE NAMUR

(★) ATEX versions see P. 16  
versioni ATEX vedi P. 16

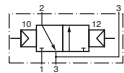
### VALVES AND SOLENOID VALVES 3/2 NAMUR SERIES / VALVOLE ED ELETTROVALVOLE 3/2 SERIE NAMUR



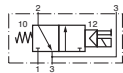
(★) NM32V1P-SR



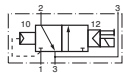
NM32V1P-PR



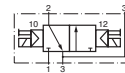
(★) NM32V2P-TP



(★) NM32W1S-SR-.....



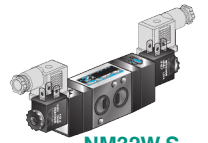
NM32W1S-PR-.....



(★) NM32W2S-TP-.....

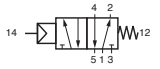


NM32V.P - ..

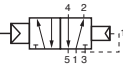


NM32W.S - ..

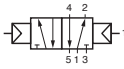
### VALVES AND SOLENOID VALVES 5/2 NAMUR SERIES / VALVOLE ED ELETTROVALVOLE 5/2 SERIE NAMUR



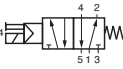
(★) NM52V1P-SR



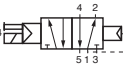
NM52V1P-PR



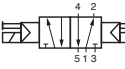
(★) NM52V2P-TP



(★) NM52W1S-SR-.....



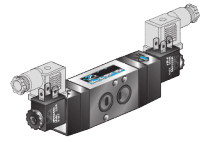
NM52W1S-PR-.....



(★) NM52W2S-TP-.....



NM52V.P - ..

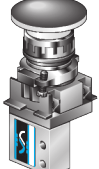


NM52W.S - ..

## MANUAL AND MECHANICAL VALVES / VALVOLE A COMANDO MANUALE E MECCANICO



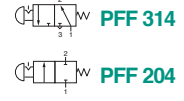
PUSH BUTTON, SPRING RETURN  
COMANDO A PULSANTE



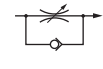
MUSHROOM PUSH BUTTON, SPRING RETURN  
COMANDO A FUNGO



SHORT LEVER SELECTOR, MANUAL RETURN  
COMANDO A SELETTORE



EMERGENCY PUSH BUTTON  
PULSANTE D'EMERGENZA



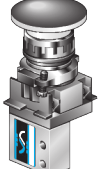
FLOW REGULATORS  
REGOLATORE DI FLUSSO

### PUSH - VALVES / COMANDO A PULSANTE

### FLOW REG. / REG. FLUSSO



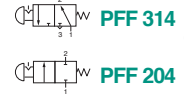
PUSH BUTTON, SPRING RETURN  
COMANDO A PULSANTE



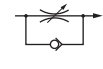
MUSHROOM PUSH BUTTON, SPRING RETURN  
COMANDO A FUNGO



SHORT LEVER SELECTOR, MANUAL RETURN  
COMANDO A SELETTORE

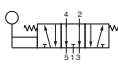
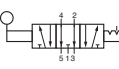
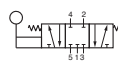
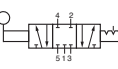
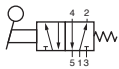
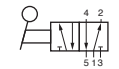
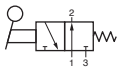
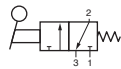
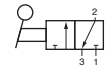


EMERGENCY PUSH BUTTON  
PULSANTE D'EMERGENZA



FLOW REGULATORS  
REGOLATORE DI FLUSSO

### 3/2, 5/2 AND 5/3 LEVER VALVES / 3/2, 5/2 E 5/3 COMANDO A LEVA



VCML32018  
VCML32014

VCML326M8  
VCML326M4

VCML329M8  
VCML329M4

VCML52018  
VCML52014

VCML52M18  
VCML52M14

VCML53618  
VCML53614

VCML536M8  
VCML536M4

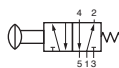
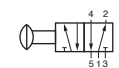
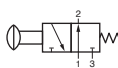
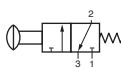
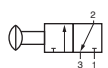
VCML53918  
VCML53914

VCML539M8  
VCML539M4



G1/8 G1/4

### 3/2 AND 5/2 BUTTON VALVES / 3/2 E 5/2 COMANDO A TIRETTO



VCMT32018  
VCMT32014

VCMT326M8  
VCMT326M4

VCMT329M8  
VCMT329M4

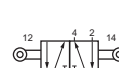
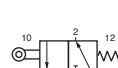
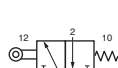
VCMT52018  
VCMT52014

VCMT52M18  
VCMT52M14



G1/8  
G1/4

### 3/2 - 5/2 ROLLER-LEVER VALVES / LEVA-RULLO



VCLL326M8

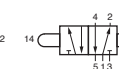
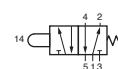
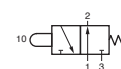
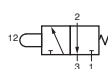
VCLL329M8

VCLL52M18



G1/8

### 3/2 AND 5/2 CAM ACTUATED VALVES / 3/2 E 5/2 COMANDO A PUNTALE



VCMS326M8  
VCMS326M4

VCMS329M8  
VCMS329M4

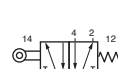
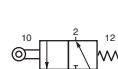
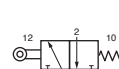
VCMS52M18  
VCMS52M14

VCMS52S18  
VCMS52S14



G1/8  
G1/4

### 3/2 AND 5/2 ROLLER-LEVER VALVES / 3/2 E 5/2 LEVA-RULLO



VCLR326M8

VCLR329M8

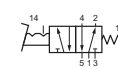
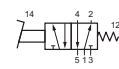
VCLR52M18

VCLR52018



G1/8

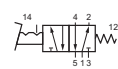
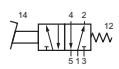
### FOOT-PEDAL VALVES / COMANDO A PEDALE



VFPP52M14

VFPP52FP4

G1/8

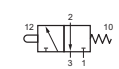


VFP52M14

VFP52FP4



G1/8



VFPMA304

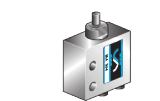


Ø4

## MECHANICAL VALVES - LOGIC ELEMENTS / MICROVALVOLE ED UNITA' LOGICHE

### MECHANICAL VALVES / MICROVALVOLE

### LOGIC ELEMENTS / UNITA' LOGICHE



MV304

MS304

MR304

MA304

MV314

MS314

MR314

MA314

MV204

MS204

MR204

MA204



AND

OR

YES

NOT

SBI



# ATEX CYLINDERS AND VALVES RANGE / GAMMA CILINDRI E VALVOLE ATEX



|  |                                        |                                                                     |
|--|----------------------------------------|---------------------------------------------------------------------|
|  | <b>XACM ...</b><br><b>XACM ... P</b>   | <b>ISO 6432</b><br>CE II 3GD c T5 T 165 °C -5 < Ta < 50°C           |
|  | <b>XDVM ...</b><br><b>XDVM ... P</b>   | <b>ISO 6432</b><br>CE II 3GD c T5 T 165 °C -5 < Ta < 50°C           |
|  | <b>XNWT ...</b><br><b>XNWT ... P</b>   | <b>ISO 15552</b><br>CE II 3GD c T5 T 160 °C -5 < Ta < 50°C          |
|  | <b>XNSK ...</b><br><b>XNSK ... P</b>   | <b>ISO 21287 - UNITOP</b><br>CE II 3GD c T5 T 165 °C -5 < Ta < 50°C |
|  | <b>XDMS ...</b><br><b>XDMS ... P</b>   | <b>ISO 6432</b><br>CE II 3GD c T5 T 165 °C -5 < Ta < 50°C           |
|  | <b>XXJSS ...</b><br><b>XXJSS ... P</b> | <b>ISO 15552</b><br>CE II 3GD c T4 T 170 °C -5 < Ta < 50°C          |

|  |                                      |                                             |
|--|--------------------------------------|---------------------------------------------|
|  | <b>XV ... 14</b><br>G1/4; 3/2 - 5/2  | <b>XE ... 14</b><br>CE II 2GD c T4 T 160 °C |
|  | <b>XV ... 12</b><br>G1/2; 3/2 - 5/2  | <b>XE ... 12</b><br>CE II 2GD c T4 T 160 °C |
|  | <b>XNM ... P</b><br>NAMUR; 3/2 - 5/2 | <b>XNM ... S</b><br>CE II 2GD c T4 T 160 °C |
|  | <b>XVP ...</b><br>ISO 1; 3/2 - 5/2   | <b>XVE ...</b><br>CE II 2GD c T4 T 155 °C   |
|  | <b>XBE ... NC</b><br>3/2 - 2/2       | CE II 2GD c T4 T 160 °C                     |
|  | <b>EPC</b>                           | CE 0722 II 2GD EEX mb T5 T100°C IP66        |
|  | <b>XSCN</b>                          | CE Ex nA II 3GD T6                          |

# AIR TREATMENT COMPONENTS: F-R-L UNITS / TRATTAMENTO ARIA: GRUPPI F-R-L

## MICRO REGULATORS MR / MICROREGOLATORI MR G1/8 - G1/4

## SPARE PARTS AND ACCESSORIES / ACCESSORI E RICAMBI

|                                                      |                                                            |                                                                                              |
|------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                                                      |                                                            |                                                                                              |
| <b>MR R18 ..</b><br><b>MR R14 ..</b>                 | <b>MR R08 ..</b><br><b>MR R04 ..</b>                       | <b>MR R08 .. FA</b><br><b>MR R04 .. FA</b>                                                   |
| STANDARD MICRO REGULATOR<br>MICROREGOLATORE STANDARD | PRECISION MICRO REGULATOR<br>MICROREGOLATORE DI PRECISIONE | PRECISION MICRO REGULATOR CONTROLLED AIR ESCAPE<br>MICROREGOLATORE A FUGA D'ARIA CONTROLLATA |

|                                                      |                                          |               |                  |
|------------------------------------------------------|------------------------------------------|---------------|------------------|
|                                                      |                                          |               |                  |
| <b>DSL .</b>                                         | <b>SCL</b>                               | <b>K BR .</b> | <b>K MM.. ..</b> |
| OIL REMOVER - SILENCER<br>DISOLEATORE - SILENZIATORE | D RIP LEG DRAIN<br>SCARICATORE PER LINEE |               |                  |

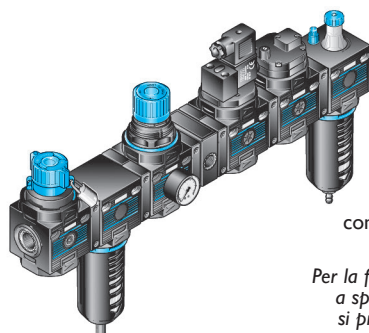
## COMPONENTS FOR MODULAR LINE / COMPONENTI PER LINEA MODULARE

## G1/4 - G3/8 - G1/2 - G3/4 - G1

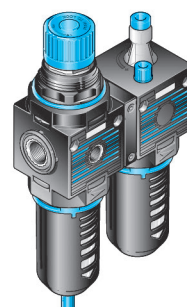
|                         |                  |                                                     |                             |                                                            |                                       |                                                            |                                           |                                           |
|-------------------------|------------------|-----------------------------------------------------|-----------------------------|------------------------------------------------------------|---------------------------------------|------------------------------------------------------------|-------------------------------------------|-------------------------------------------|
|                         |                  |                                                     |                             |                                                            |                                       |                                                            |                                           |                                           |
| <b>G1/4 R M14 ..</b>    | <b>F M14 ..</b>  | <b>MF M14 ..</b>                                    | <b>L M14 ..</b>             | <b>L M14 .. VL</b>                                         | <b>FR M14 ..</b>                      | <b>V3 M14</b>                                              | <b>SV M14 ..</b>                          | <b>AVP M14 APC</b>                        |
| <b>G3/8 R M38 ..</b>    | <b>F M38 ..</b>  | <b>MF M38 ..</b>                                    | <b>L M38 ..</b>             | <b>L M38 .. VL</b>                                         | <b>FR M38 ..</b>                      | <b>V3 M38</b>                                              | <b>SV M38 ..</b>                          | <b>AVP M38 APC</b>                        |
| <b>G1/2 R M12 ..</b>    | <b>F M12 ..</b>  | <b>MF M12 ..</b>                                    | <b>L M12 ..</b>             | <b>L M12 .. VL</b>                                         | <b>FR M12 ..</b>                      | <b>V3 M12</b>                                              | <b>SV M12 ..</b>                          | <b>AVP M12 APC</b>                        |
| <b>G3/4 R M34 ..</b>    | <b>F M34 ..</b>  | <b>MF M34 ..</b>                                    | <b>L M34 ..</b>             | <b>L M34 .. VL</b>                                         | <b>FR M34 ..</b>                      | <b>V3 M34</b>                                              | <b>SV M34 ..</b>                          | <b>AVP M34 APC</b>                        |
| <b>G1 R M10 ..</b>      | <b>F M10 ..</b>  |                                                     | <b>L M10 ..</b>             |                                                            | <b>FR M10 ..</b>                      |                                                            |                                           |                                           |
| REGULATOR<br>REGOLATORE | FILTER<br>FILTRO | COALESCENT MICROFILTER<br>MICROFILTRO A COALESCENZA | LUBRICATOR<br>LUBRIFICATORE | AUTOMATIC FILLING LUBRICATOR<br>LUBR. CARICA A DEPRESSIONE | FILTER REGULATOR<br>FILTRO REGOLATORE | 3 WAY ON-OFF VALVE WITH LOCK<br>VALVOLA A 3 VIE CON BLOCCO | SHUT-OFF VALVE<br>VALVOLA DI SEZIONAMENTO | SLOW START VALVE<br>AVVIATORE PROGRESSIVO |

## ASSEMBLED AIR TREATMENT UNITS / GRUPPI PREASSEMBLATI

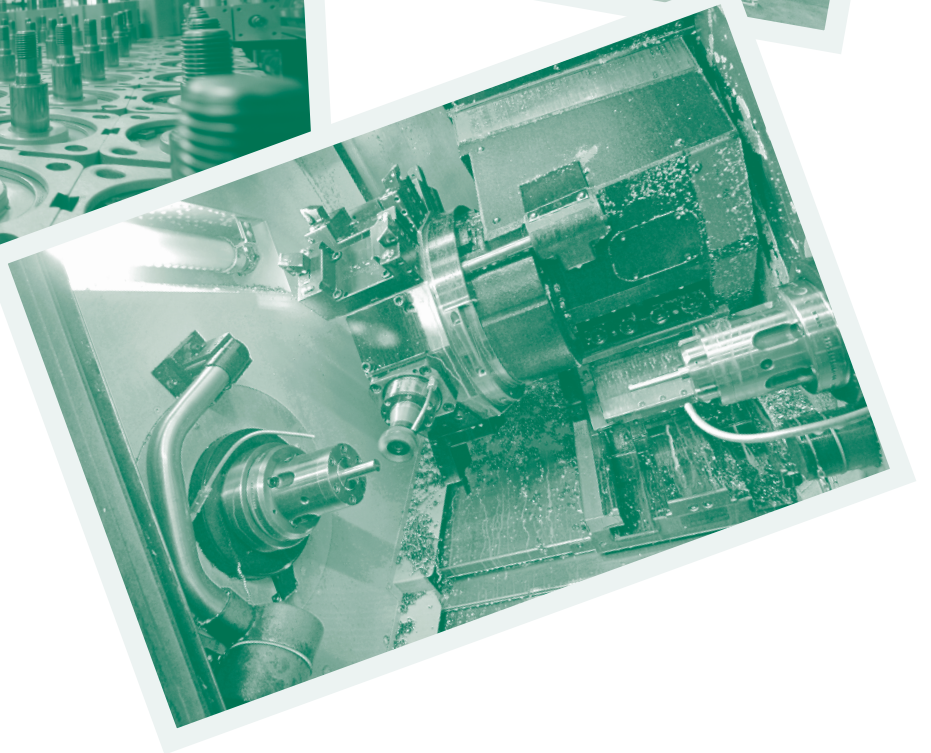
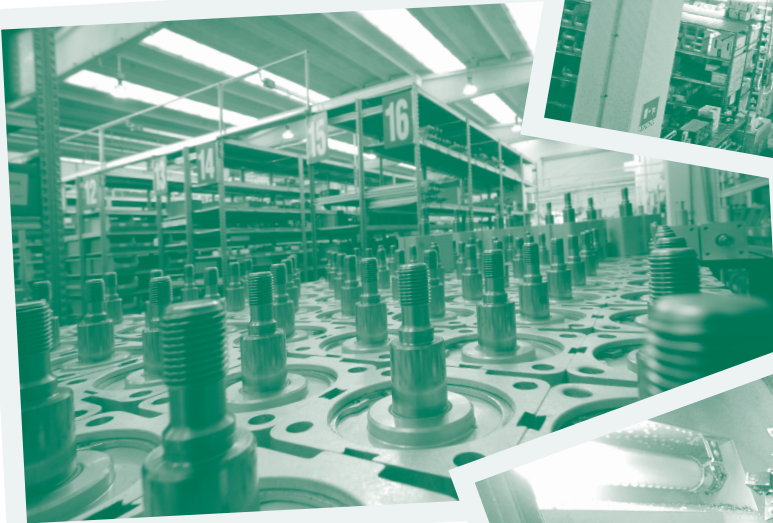
## FRL UNITS / GRUPPI FRL



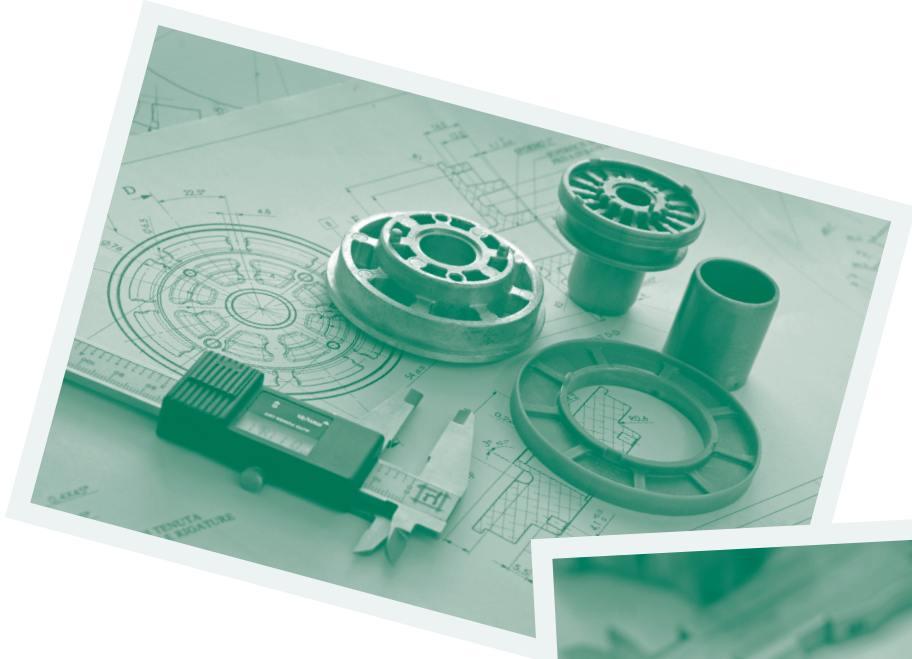
Modular lines already mounted for the compressed air treatment are available upon request, please contact our technical-sales department.  
Per la fornitura di linee modulari preassemblate con elementi a specifica richiesta per il trattamento dell'aria compressa, si prega di consultare il nostro ufficio tecnico-commerciale.

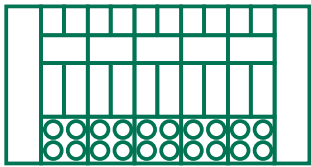
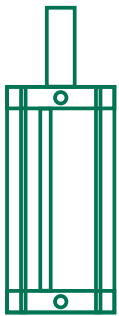


|  |                         |
|--|-------------------------|
|  | <b>G1/4 FR+L M14 ..</b> |
|  | <b>G3/8 FR+L M38 ..</b> |
|  | <b>G1/2 FR+L M12 ..</b> |
|  | <b>G3/4 FR+L M34 ..</b> |
|  | <b>G1 FR+L M10 ..</b>   |

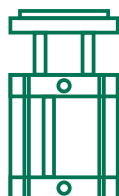
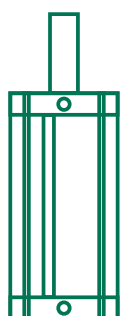
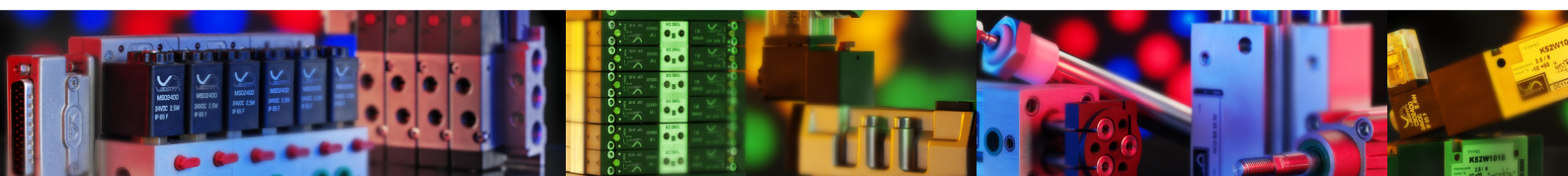












pneumatic components

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