



2024

EN PNEUMATIC COMPONENTS
FOR INDUSTRIAL
AUTOMATION

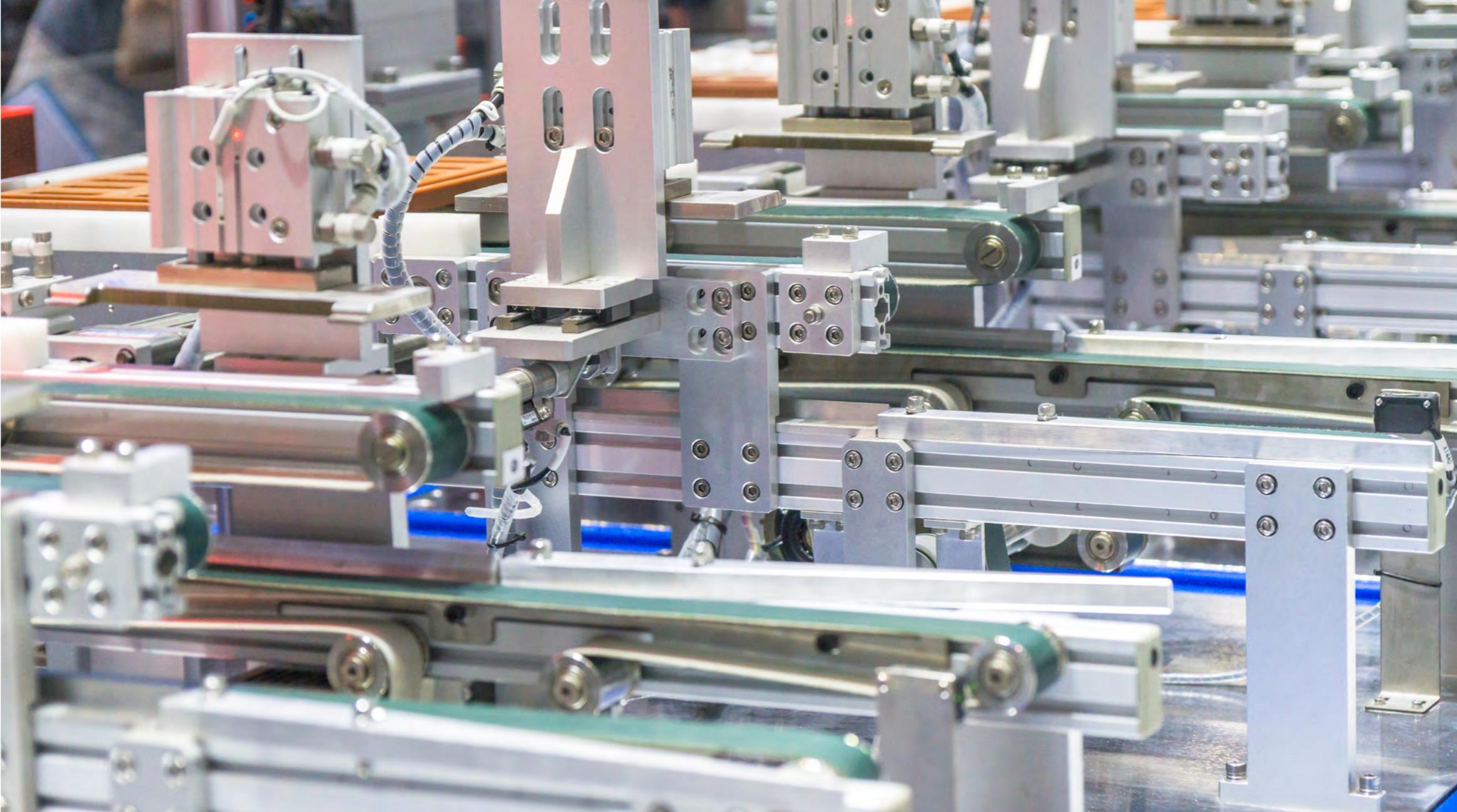
IT COMPONENTI PNEUMATICI
PER AUTOMAZIONE
INDUSTRIALE

FR COMPOSANTS
PNEUMATIQUES POUR
L'AUTOMATISATION
INDUSTRIELLE

ES COMPONENTES NEUMÁTICOS
PARA LA AUTOMATIZACIÓN
INDUSTRIAL

the company

azienda / enterprise / empresa



EN - AirWork is an Italian manufacturing company specialized in the designing, manufacturing and selling of standard and customized solutions in the pneumatic automation industrial field. AirWork is part of a big and consolidated Group, with UNI EN ISO 9001 and 14001 certifications, who is operating from 35 years in many industrial fields and boasts a modern and proven designing system, an always up-to-date and powerful machinery, dedicated lines for products assembling and testing thanks to the highest standard of detection and quality control. The experience and skills of AirWork staff is the added value to the efficient organization and high standards of quality. All these elements make AirWork ambitious to reach new and bigger goals through a continuous innovation of our products, with the aim to satisfy all our customers requests.

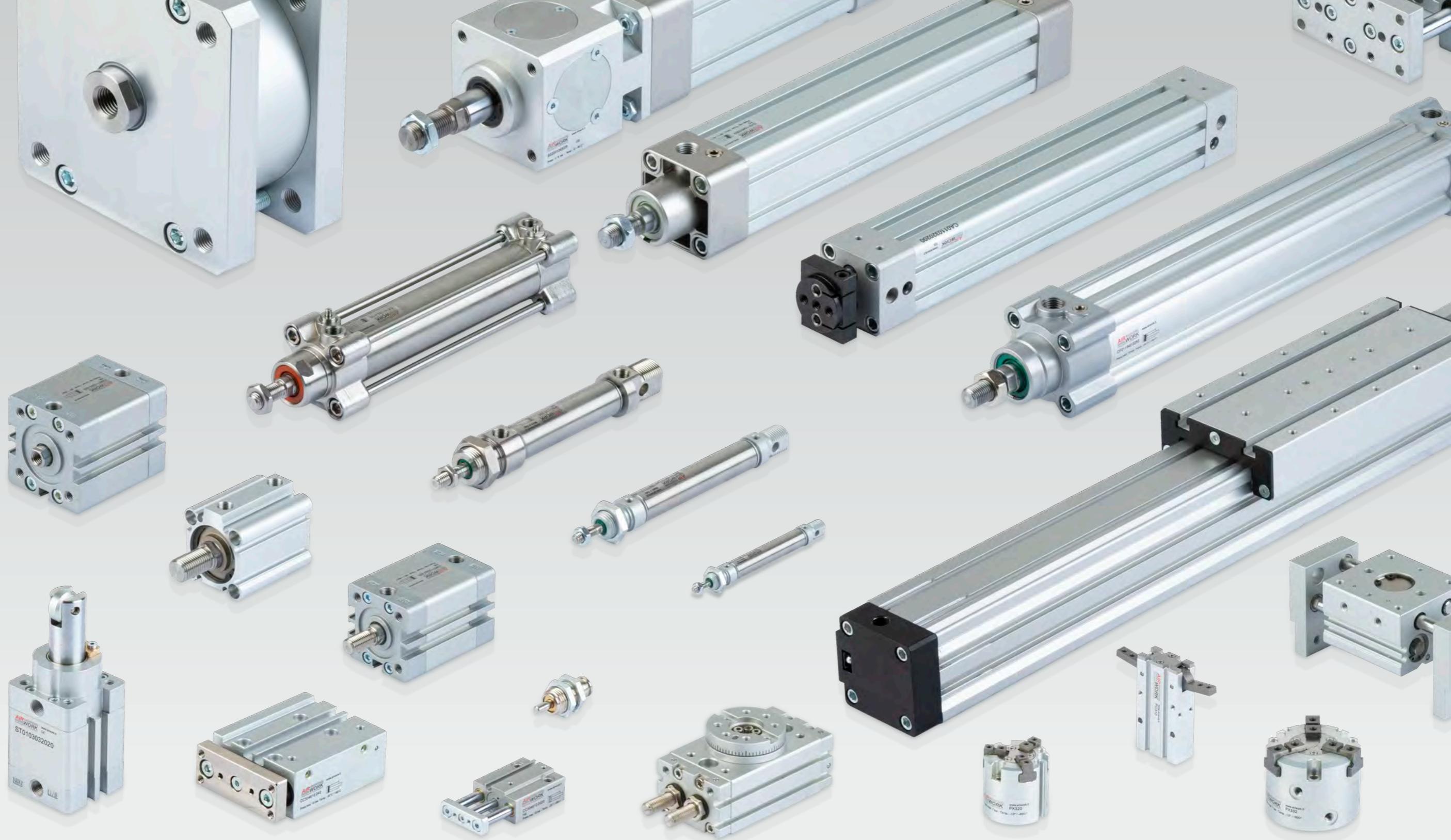
IT - AirWork è una azienda italiana specializzata nella progettazione, produzione e commercializzazione di soluzioni standard e personalizzate nel settore dell'automazione industriale pneumatica. AirWork è parte di un Gruppo consolidato, certificato UNI EN ISO 9001 e 14001, che opera da più di 35 anni in diversi settori industriali e vanta un sistema moderno e collaudato di progettazione, un parco macchine di notevole potenzialità ed flessibilità produttiva, linee dedicate per l'assemblaggio e collaudo dei prodotti grazie ad elevati standard di controllo e rilevazione qualità. L'esperienza e capacità dello staff AirWork è il valore aggiunto all'organizzazione efficiente e all'elevata qualità. Tutti questi elementi rendono AirWork consapevole di poter raggiungere nuovi e ambiziosi traguardi grazie la continua innovazione dei nostri prodotti, con l'obiettivo di soddisfare tutte le richieste della clientela.

FR - Airwork est une entreprise Italienne spécialisée dans la conception, production et vente de solutions standards et personnalisées pour l'automatisation industrielle pneumatique. Airwork fait partie d'un Groupe solide, CMO Group, certifié UNI EN ISO 9001 et 14001, qui opère depuis 35 ans dans plusieurs secteurs industriels et qui dispose d'un système moderne et éprouvé de machines automatiques, assurant ainsi un service réactif, souple et contrôlé pour nous adapter à tous les projets. L'expérience et la disponibilité de nos équipes, est la valeur ajoutée d'une organisation efficace et de haute qualité. Tous ces éléments font d'Airwork une société qui oeuvre avec ambition pour relever de nouveaux et grands défis grâce à l'innovation continue de nos produits et l'objectif de répondre à toutes les exigences de nos clients.

ES - Airwork es una empresa de fabricación italiana especializada en la producción y venta de cilindros neumáticos y componentes para la automatización industrial. Airwork es parte de un grupo consolidado, CMO Group, con certificación UNI EN ISO 9001 y 14001, que ha estado funcionando durante 35 años en varios campos industriales y cuenta con un sistema de diseño moderno y comprobado, un parque de máquinas de gran capacidad y flexibilidad de producción, dedicado a las líneas de montaje y el ensayo de los productos que utilizan altos niveles de control y detección de los estándares de calidad. La experiencia y el compromiso de nuestros equipos es el valor añadido de la eficiencia organizativa y los más altos estándares de calidad. Estos rasgos característicos de nuestra realidad nos dan la confianza para aspirar a nuevas y ambiciosas metas a través de la innovación constante de nuestros productos, con el fin de satisfacer cada vez más las exigencias de nuestros clientes.

actuators and pneumatic cylinders

attuatori e cilindri pneumatici
actionneurs et vérins pneumatiques
actuadores y cilindros neumáticos



EN - The range of pneumatic actuators is divided into two main categories: normalized pneumatic cylinders and not normalized pneumatic cylinders.

In the product program of Airwork there are cylinders complying with the norms ISO 6432, 15552 (the old 6431) and ISO 21287. The not normalized actuators include: compact cylinders, rotary cylinders, guide units, blocking units and air/oil units.

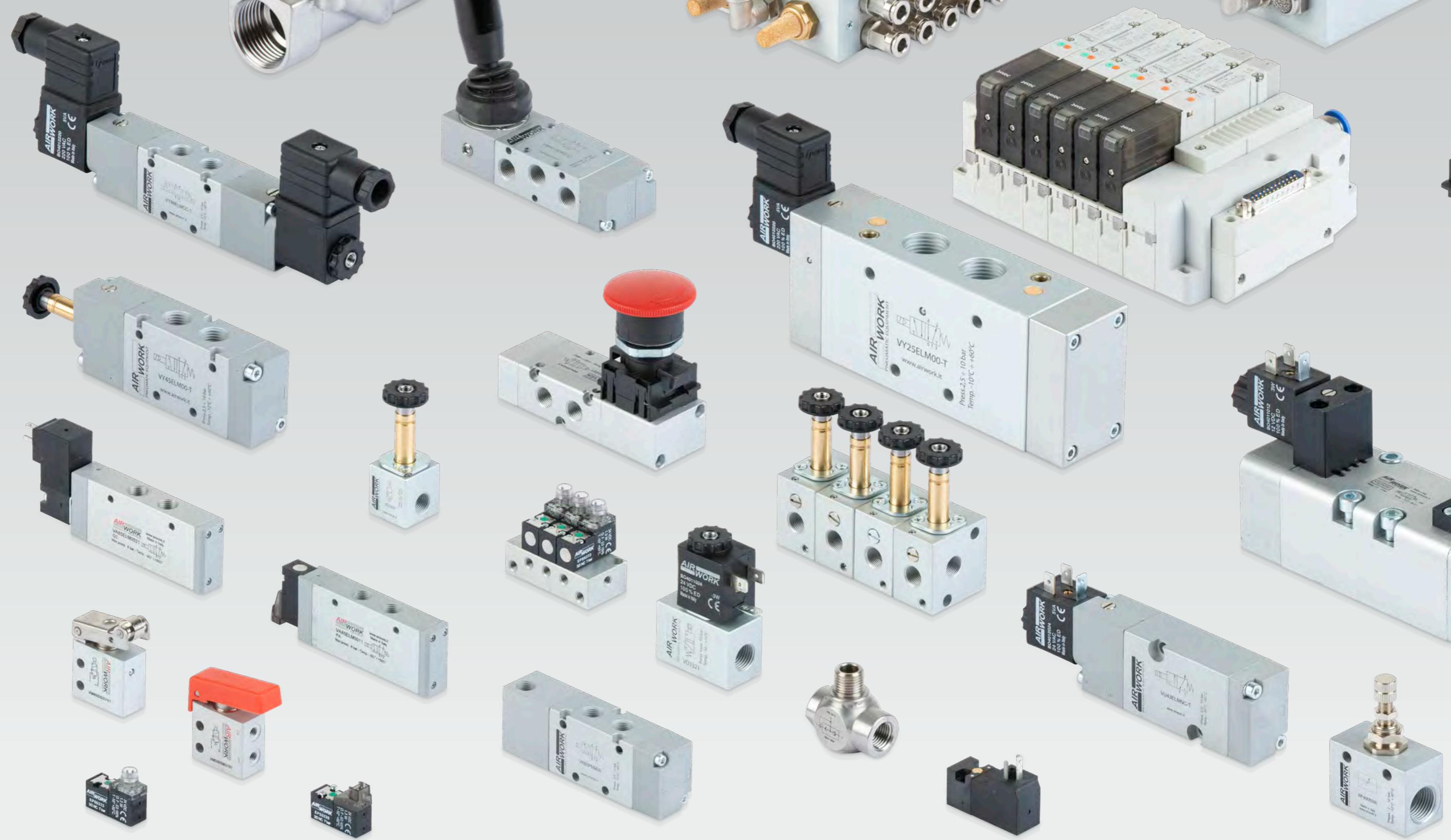
IT - La famiglia degli attuatori e cilindri pneumatici, si divide in due importanti categorie, cilindri pneumatici normalizzati e cilindri pneumatici non normalizzati. Nel programma Airwork, troviamo cilindri corrispondenti alle normative ISO 6432, 15552 (ex 6431) e ISO 21287. Gli attuatori non a norma comprendono: cilindri pneumatici compatti, cilindri pneumatici rotanti, unità guidate, unità di bloccaggio e unità aria/olio.

FR - La famille des vérins et actionneurs pneumatiques se compose de deux catégories principales, vérins pneumatiques normalisés et non normalisés. La gamme des produits Airwork présente des vérins correspondants aux normes ISO 6432, 15552 (ex 6431) et ISO 21287. Les vérins non normalisés sont : vérins compacts, vérins rotatifs, unités de guidage, unités de blocage et unités air/huile.

ES - La familia de los actuadores y cilindros neumáticos se divide en dos categorías principales, cilindros neumáticos normalizados y cilindros no normalizados. En el programa Airwork, usted puede encontrar los cilindros correspondientes a la norma ISO 6432, 15552 (antes 6431) y ISO 21287. Los actuadores no normalizados incluyen: cilindros compactos neumáticos, cilindros neumáticos rotativos, unidades de guiado, unidades de bloqueo y unidades de aire/ aceite

valves and electrovalves

valvole ed elettrovalvole
vannes et électrovannes
válvulas y electroválvulas



EN - The range of valves is also divided into two categories, normalized valves and not normalized. The valves complying with the norms are according to ISO 5599/1 and Namur.

The wide range of valves not complying with any norms includes: electrically actuated valves, pneumatic actuated, manual actuated, mechanical actuated and a series of auxiliary valves and accessories for the control of air.

All valves are realized in aluminium alloy in order to grant resistance and stability during time, a guideline that Airwork follows since the beginning of its history.

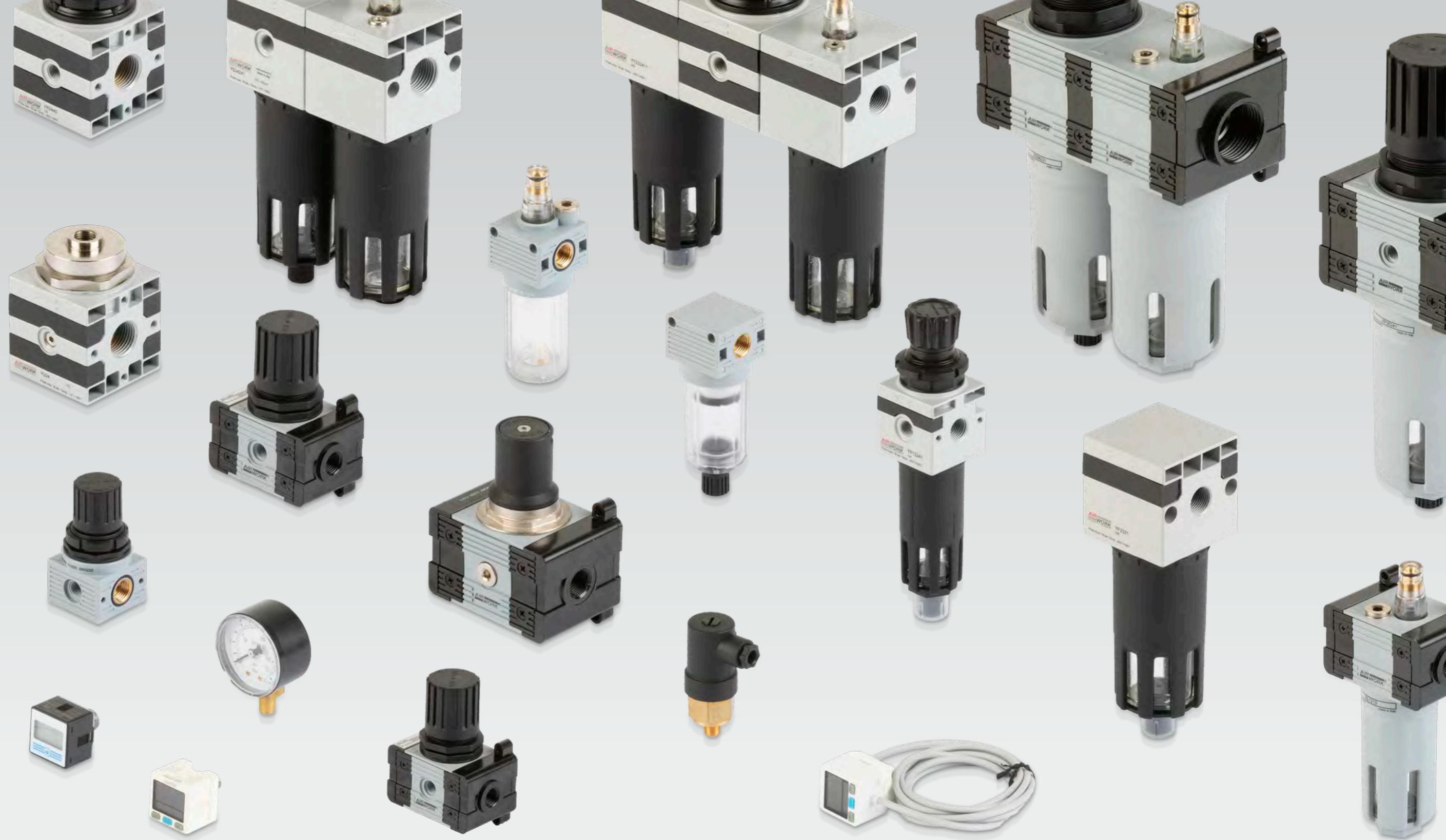
IT - La famiglia delle valvole si divide nelle categorie di valvole normalizzate e non. Le valvole realizzate secondo norma sono: ISO 5599/1 e Namur. L'ampia gamma delle valvole non a Norma comprende: valvole ad azionamento elettrico, ad azionamento pneumatico, azionamento manuale, azionamento meccanico e tutta una serie di valvole ausiliarie e accessori per il controllo dell'aria. Tutte le valvole sono realizzate in lega d'alluminio per garantire resistenza e stabilità nel tempo, un concetto che Airwork persegue fin dall'inizio della propria attività.

FR - La famille des vannes est divisée en deux catégories: normalisées et non normalisées. Les vannes normalisées répondent au standard: ISO 5599/1 et Namur. La vaste gamme des vannes hors-standard comprend: soupapes à commande électrique, pneumatique, manuelle, mécanique et un certain nombre de distributeurs à commande auxiliaire et accessoires pour le contrôle de l'air. Toutes les vannes sont réalisées en alliage d'aluminium pour plus de solidité et de stabilité dans le temps, une ligne directrice qu'Airwork conserve depuis le début de son histoire.

ES - La familia de válvulas se divide en las categorías de válvulas estandarizadas y no. Las válvulas hechas según la norma cumplen con ISO 5599/1 y Namur. La amplia gama de válvulas no normalizadas incluye: válvulas accionadas eléctricamente, con accionamiento neumático, manual, mecánico y toda una serie de válvulas auxiliares y accesorios para el control de aire. Todas las válvulas están hechas de aleación de aluminio con el fin de garantizar la resistencia y la estabilidad con el tiempo, un concepto que Airwork persigue desde el principio de su actividad.

air treatment, regulators and valves

trattamento aria
systèmes de filtration
tratamiento de aire



EN - Air treatment units in Airwork range, fully produced in Italy, are designed and realized considering the increasing demand of small dimensions and precision.
The whole FRLs family are built with plastic and metal components, with a particular care on product's aesthetics who has a modern and innovative style.

IT - Tutti i prodotti trattamento aria Airwork, che vengono interamente prodotti in Italia, sono stati progettati e realizzati considerando il crescente bisogno di compattezza e precisione.
Tutta la famiglia degli FRL, sono costruiti con parti in plastica e parti in metallo, curando l'estetica del prodotto che risulta di stile moderno e innovativo.

FR - Les systèmes de traitement d'air d'Airwork, sont entièrement fabriqués en Italie, et ont été conçus et fabriqués en prenant en compte la nécessité croissante de compacité et de précision.
Toute la famille de FRL est construite avec des pièces en plastique et en métal, l'esthétique du produit, le style moderne et innovant de notre gamme sont des gages de qualité.

ES - Todos los sistemas de tratamiento de aire Airwork, que son fabricados íntegramente en Italia, están diseñados y fabricados teniendo en cuenta la creciente necesidad de compactidad y precisión. Toda la familia de FRL, se construye con piezas de plástico y piezas de metal, el cuidado de la estética del producto que es de estilo moderno e innovador demuestra alta calidad.

fittings

raccordi e tubi
raccords et tubes
racores y tubería



EN - Airwork offers a wide range of pneumatic fittings: push-in fittings in plastic, nickel plated brass or stainless steel, standard nickel plated brass fittings with parallel or taper threads, push-on fittings, compression fittings, flow regulators and tube in polyamide, polyurethane and polyethylene in different colours.
The high quality of our fittings and their competitive prices, make these products very interesting.

IT - La sezione dei raccordi per pneumatica di Airwork, offre una vasta scelta come: raccordi automatici in tecnopoliomerio e in ottone nichelato, raccordi a calzamento, a compressione, standard, regolatori di flusso e tubi in poliammide, poliuretano e polietilene in differenti colori.
L'ottima qualità dei nostri raccordi e un prezzo molto competitivo, rendono tutta la gamma molto interessante.

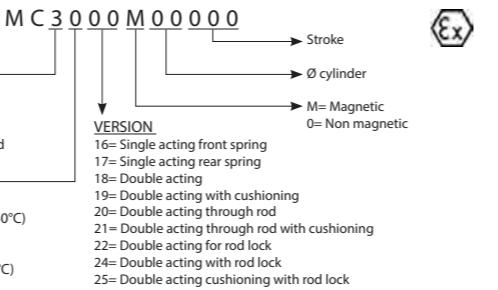
FR - La section des raccords pneumatiques d'Airwork offre un large choix : raccords automatiques en technopolymère, en laiton nickelé ou en acier inoxydable, raccords à ajustement, à compression, standards, régulateurs de débit et tubes en polyamide, polyuréthane et polyéthylène de différentes couleurs.
L'excellente qualité de nos raccords et un prix très compétitif rendent toute la gamme très intéressante.

ES - La sección de los racores para neumática de Airwork, ofrece una amplia selección como: racores automáticos de tecnopolímero, latón niquelado o acero inox, racores de calzado, de compresión, estándar, reguladores de flujo y tubos de poliamida, poliuretano y polietileno en diferentes colores. La excelente calidad de nuestras conexiones y un precio muy competitivo, hacen que toda la gama sea muy interesante.

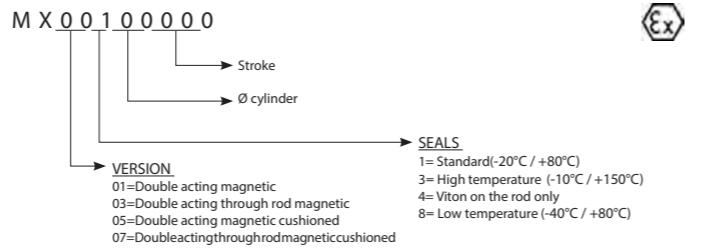
Actuators

 Cylinder ISO 6432
 MC series

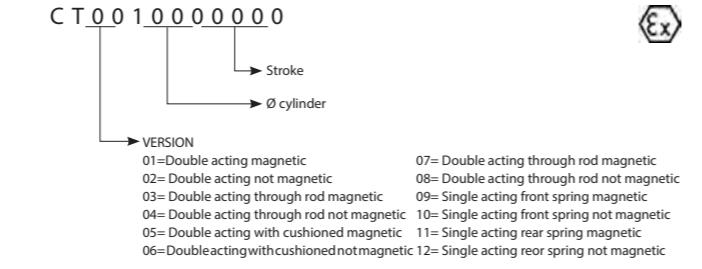

mm	008	010	012	016	020	025
10	.	.	.	.	.	.
25	.	.	.	.	.	.
50	.	.	.	.	.	.
80	.	.	.	.	.	.
100	.	.	.	.	.	.
125	.	.	.	.	.	.
160	.	.	.	.	.	.
200	.	.	.	.	.	.
250	.	.	.	.	.	.
320	.	.	.	.	.	.
400	.	.	.	.	.	.


 Cylinders ISO 6432
 stainless steel
 MX series

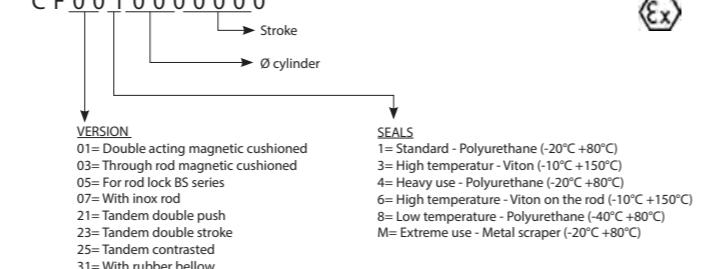

mm	016	020	025
10	.	.	.
25	.	.	.
50	.	.	.
80	.	.	.
100	.	.	.
125	.	.	.
160	.	.	.
200	.	.	.
250	.	.	.
320	.	.	.
400	.	.	.


 Round cylinders
 CT series

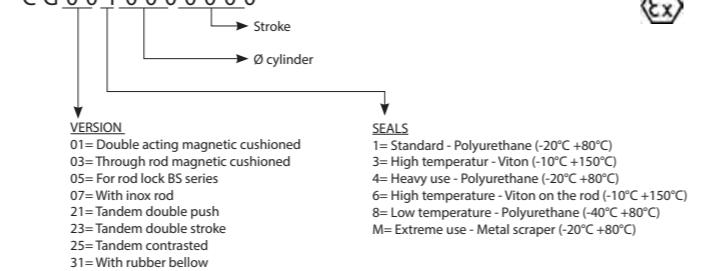

mm	032	040	050	063
25	.	.	.	.
50	.	.	.	.
80	.	.	.	.
100	.	.	.	.
125	.	.	.	.
160	.	.	.	.
200	.	.	.	.
250	.	.	.	.
320	.	.	.	.
400	.	.	.	.
500	.	.	.	.
.....
1000	.	.	.	.


 Cylinder ISO 15552
 CF series

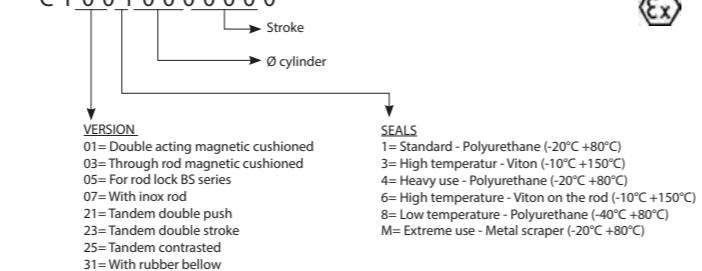

mm	032	040	050	063	080	0100
25	.	.	.	.	.	.
50	.	.	.	.	.	.
80	.	.	.	.	.	.
100	.	.	.	.	.	.
125	.	.	.	.	.	.
160	.	.	.	.	.	.
200	.	.	.	.	.	.
250	.	.	.	.	.	.
320	.	.	.	.	.	.
400	.	.	.	.	.	.
500	.	.	.	.	.	.
.....
1000	.	.	.	.	.	.


 Cylinder ISO 15552
 CG series


mm	032	040	050	063	080	0100
25	.	.	.	.	.	.
50	.	.	.	.	.	.
80	.	.	.	.	.	.
100	.	.	.	.	.	.
125	.	.	.	.	.	.
160	.	.	.	.	.	.
200	.	.	.	.	.	.
250	.	.	.	.	.	.
320	.	.	.	.	.	.
400	.	.	.	.	.	.
500	.	.	.	.	.	.
.....
1000	.	.	.	.	.	.


 Cylinder ISO 15552
 CY series


mm	032	040	050	063	080	0100
25	.	.	.	.	.	.
50	.	.	.	.	.	.
80	.	.	.	.	.	.
100	.	.	.	.	.	.
125	.	.	.	.	.	.
160	.	.	.	.	.	.
200	.	.	.	.	.	.
250	.	.	.	.	.	.
320	.	.	.	.	.	.
400	.	.	.	.	.	.
500	.	.	.	.	.	.
.....
1000	.	.	.	.	.	.

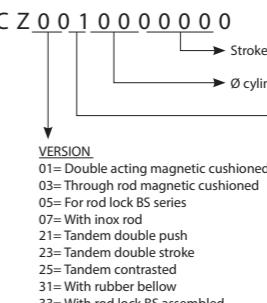


Actuators

Actuators

 Cylinder ISO 15552
 CZ series


mm	032	040	050	063	080	0100
25	.	.	.	.	.	.
50	.	.	.	.	.	.
80	.	.	.	.	.	.
100	.	.	.	.	.	.
125	.	.	.	.	.	.
160	.	.	.	.	.	.
200	.	.	.	.	.	.
250	.	.	.	.	.	.
320	.	.	.	.	.	.
350	.	.	.	.	.	.
400	.	.	.	.	.	.
500	.	.	.	.	.	.
.....
1000	.	.	.	.	.	.



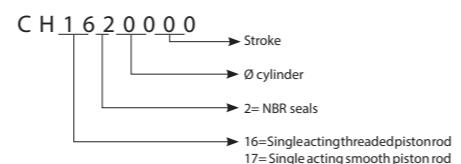


Actuators

Cartridge cyl.
CH series



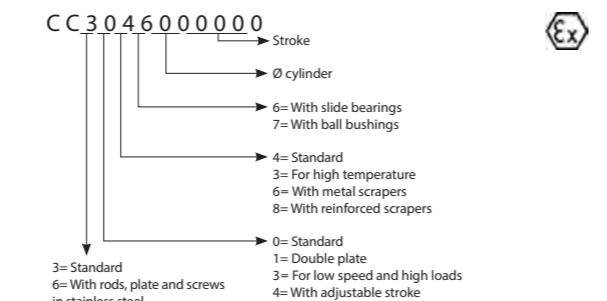
mm	006	010	016
05	●	●	●
10	●	●	●
15	●	●	●



Guided compact cylinders
CC series



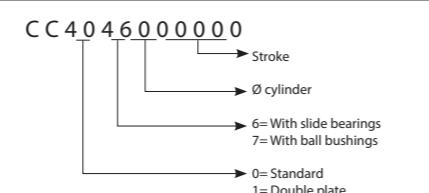
mm	010	012	016
05	●		
10	●	●	
15	●		
20	●	●	●
25	●	●	●
30	●	●	●
40	●	●	●
50	●	●	●
75	●	●	●
100	●	●	●
125	●	●	●
150	●	●	●
175	●	●	●
200			●



Guide cylinders with
cushion
CC series



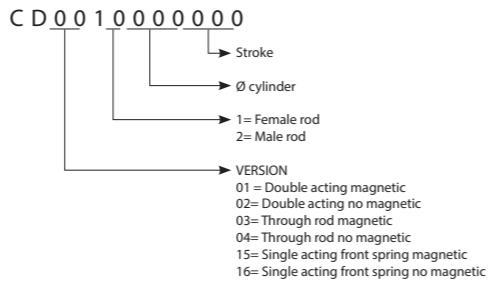
mm	016	020	025	032	040	050	063
25	●	●	●	●	●	●	●
30							
40							
50	●	●	●	●	●	●	●
75	●	●	●	●	●	●	●
100	●	●	●	●	●	●	●
125	●	●	●	●	●	●	●
150	●	●	●	●	●	●	●
175	●	●	●	●	●	●	●



Short stroke cylinders
CD series



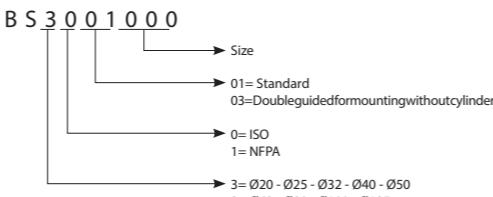
mm	016	020	025	032	040	050	063	080	0100
05	●	●	●	●	●	●	●	●	●
10	●	●	●	●	●	●	●	●	●
15	●	●	●	●	●	●	●	●	●
20	●	●	●	●	●	●	●	●	●
25	●	●	●	●	●	●	●	●	●
30	●	●	●	●	●	●	●	●	●
40	●	●	●	●	●	●	●	●	●
45									
50	●	●	●	●	●	●	●	●	●
75	●	●	●	●	●	●	●	●	●
100	●	●	●	●	●	●	●	●	●



Rod locks
BS series



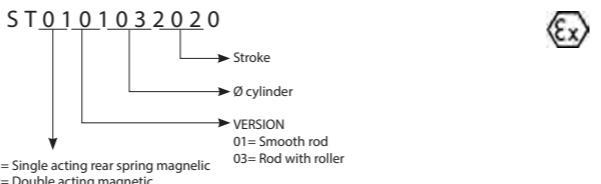
●:20	●:25	●:32	●:40	●:50	●:63	●:80	●:100	●:125
●:1.5"	●:2"	●:2.5"	●:3.25"	●:4"	●:5"			



Stopper cylinders
ST series



mm	032	050
20	●	
30	●	



Actuators

Actuators



Guide units
UG series



mm	016	020	025	032	040	050	063	080	0100
50	●								
100	●								
160	●								
200									
250	●								
320	●								
400	●								
500	●								



Rotary cylinders
RY series



090°	●:32	●:40
180°	●:30	●:35
270°	●:35	●:40
360°	●:35	●:40



Rotary actuators
AT series



090°	●:15	●:18
180°	●:18	●:20
270°	●:25	●:28
360°	●:32	●:35



Hydraulic speed
regulators
Rl series



mm	040
50	●
100	●
200	●
250	●
300	●
350	●
400	●
450	●
500	●

Angular
grippers
PA series



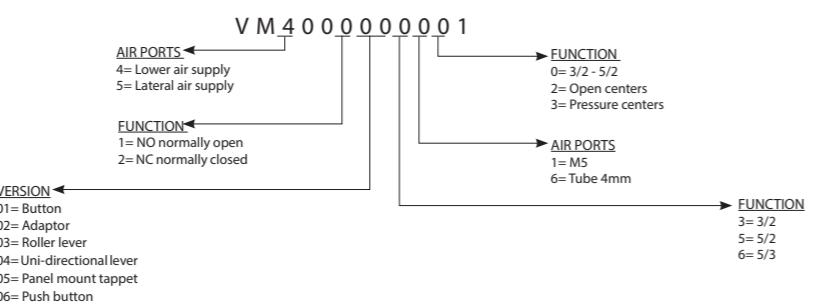
●:10	●:16	●:20	●:25
●:10	●:16	●:20	●:25

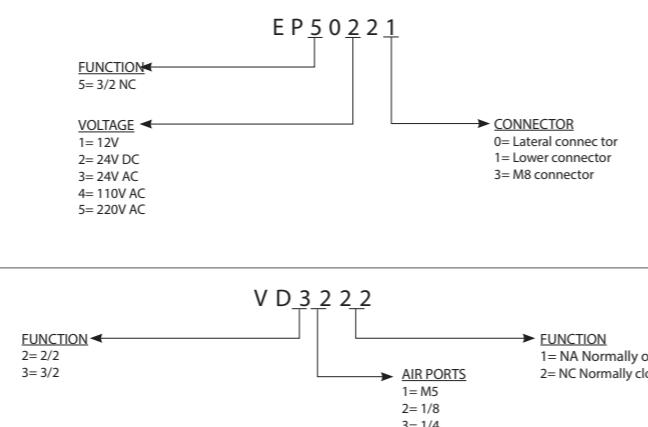
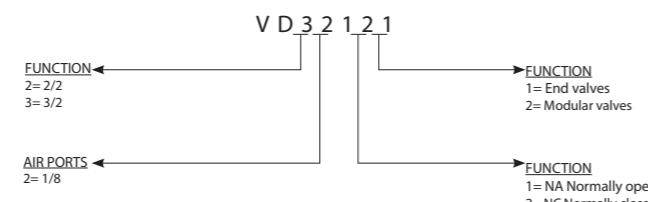
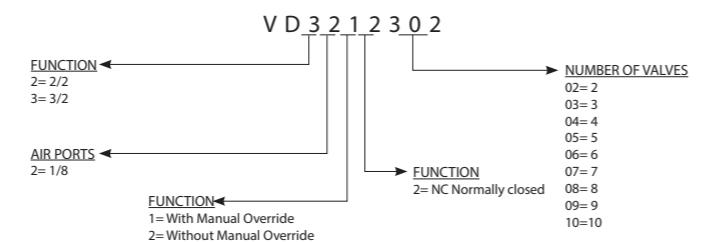
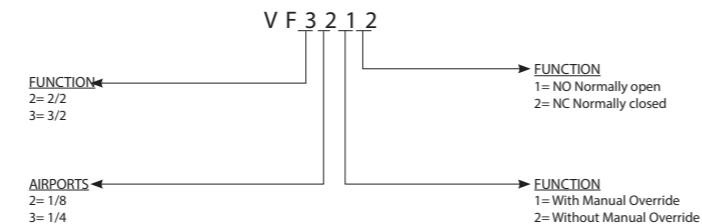


Parallel grippers
with long stroke
PH series

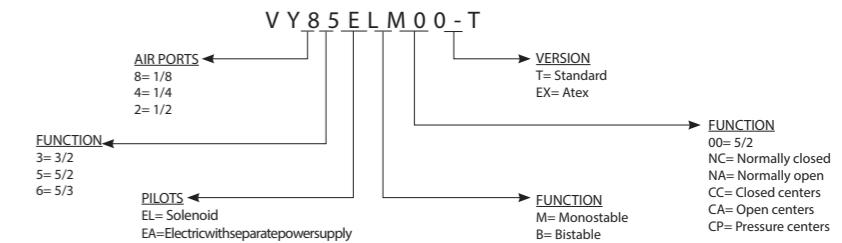
Valves and electrovalves

 Microvalves
 VM series

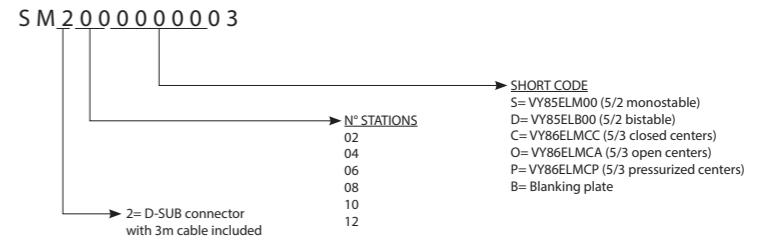
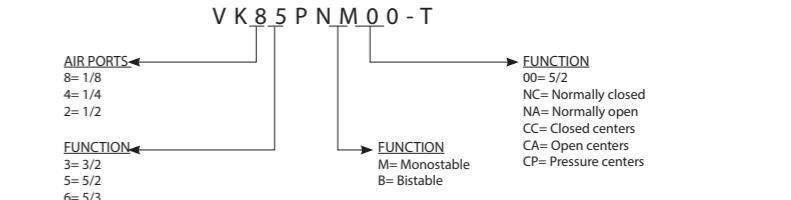
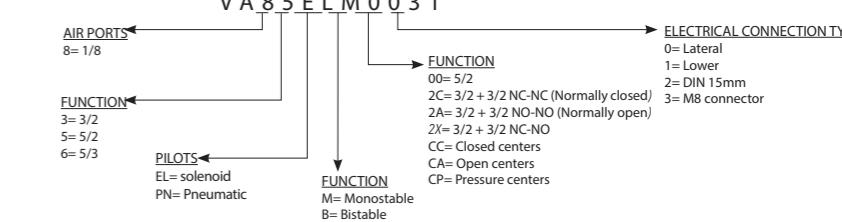
 15 mm solenoid valves
 EP series

 10 mm solenoid valves
 EP series

 Directly operated valves
 VD series

 Modular directly operated valves
 VD series

 Direct solenoid valves on manifold
 VD series

 Directly operated valves
 VF series


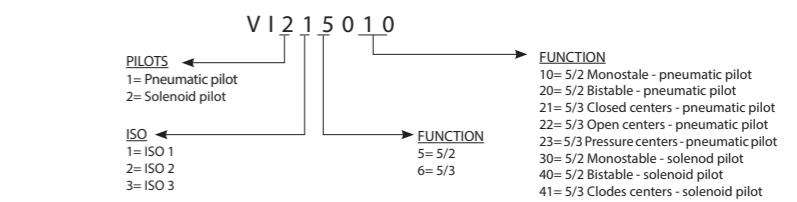
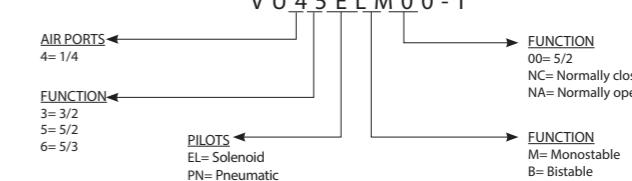
Valves and electrovalves

 Solenoid valves
 VY series


Multi connector system For VY series

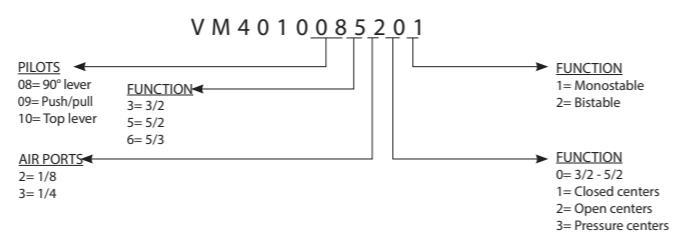

 Pneumatic valves
 VK series

 Solenoid valves
 VA series

 Island with multipol connection
 VH2 series


For the definition of the order code, contact our sales department.

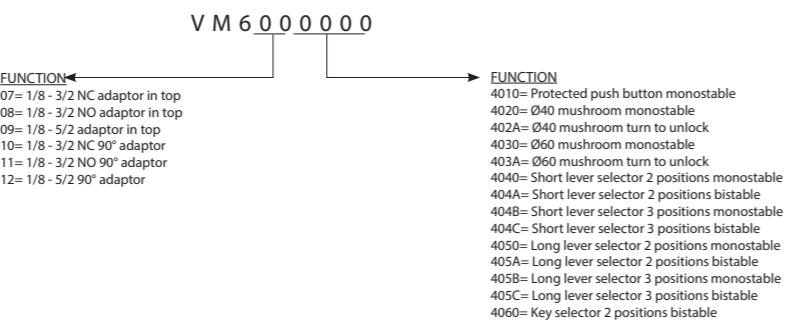
 ISO valves 5599/1
 VI series

 Namur valves
 VU series


Valves and electrovalves

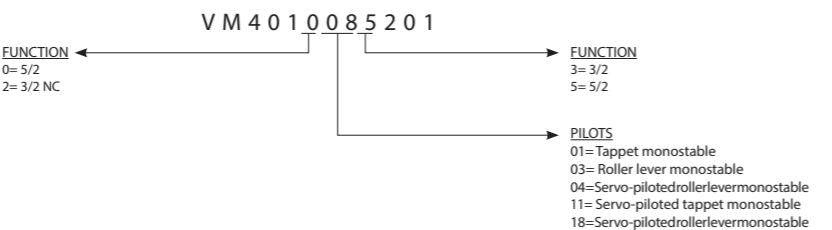
Manual valves
VM series



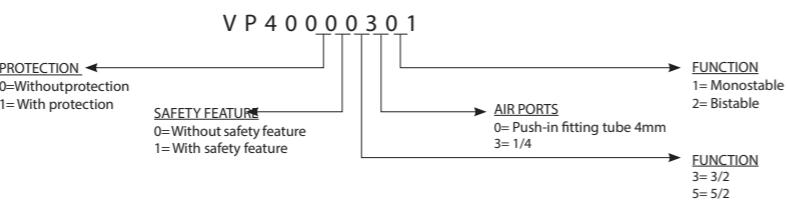
Manual valves
VM series



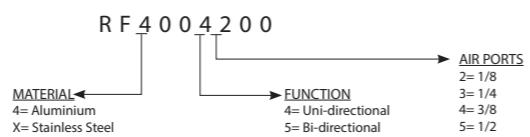
Mechanical valves
VM series



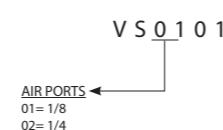
Pedal valves
VP series



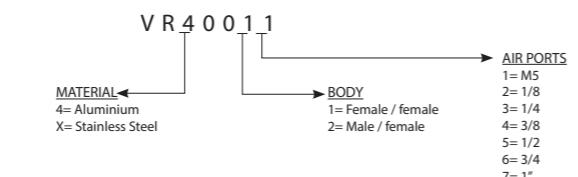
Flow regulators
RF series



Selector valve
VS series

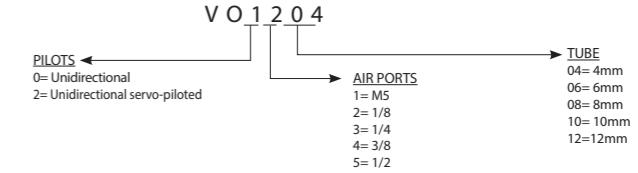


Non return valve

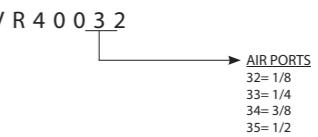


Valves and electrovalves

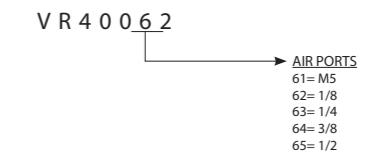
Stop valves
VO series



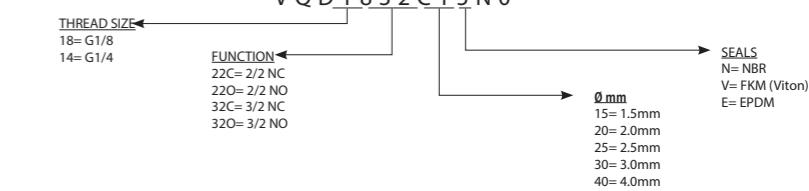
Slide valve



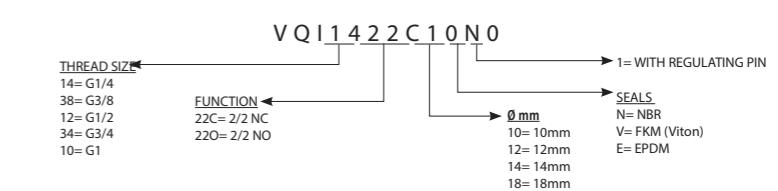
Quick exhaust valves



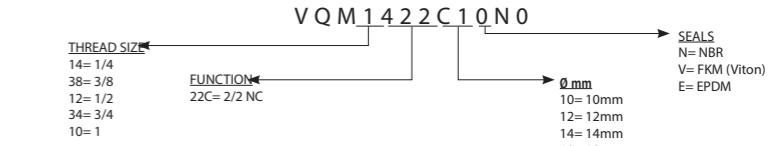
Direct acting solenoid valves
VQD series



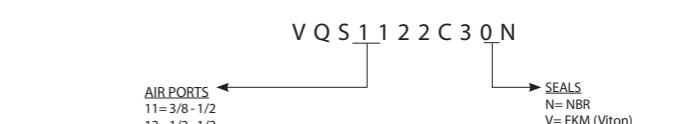
Indirect acting solenoid valves
VQI series



Membrane solenoid valves
VQM series

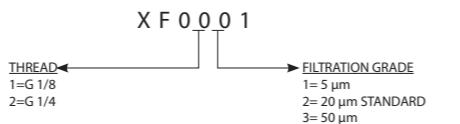


Condensed drain valve
VQS series

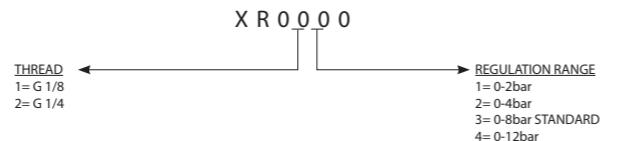


Air treatment

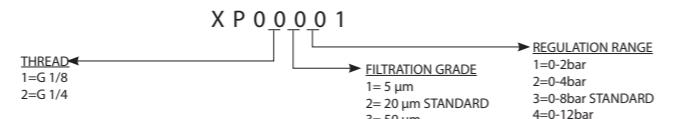
Filters size 0
XF series



Regulator size 0
XR series



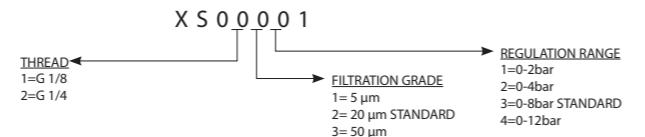
Filter regulator size 0
XP series



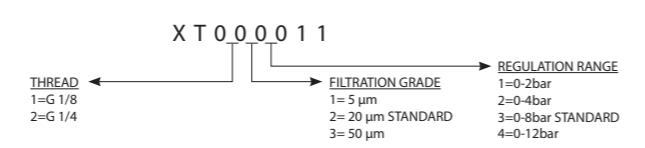
Lubricator size 0
XL series



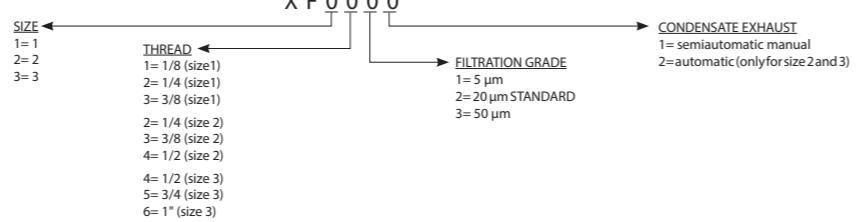
Filterregulator
+Lubricator (Fr+L)



Filter+Reg.+Lub.
(F+R+L)

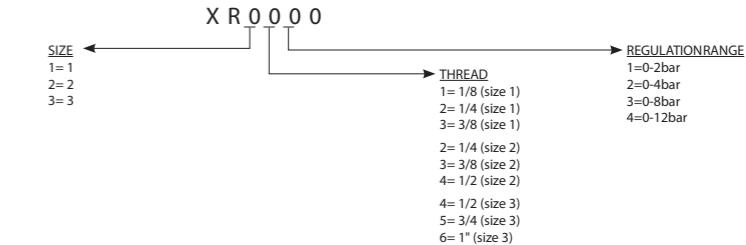


Filter size 1-2-3
XF series



Air treatment

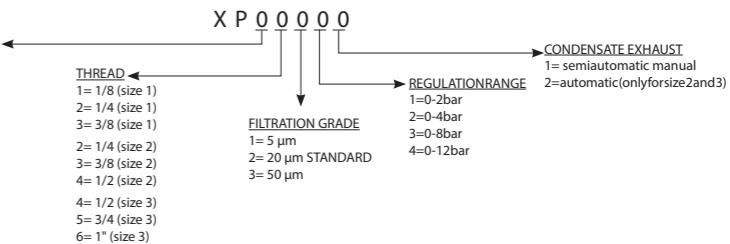
Regulator size 1-2-3
XR series



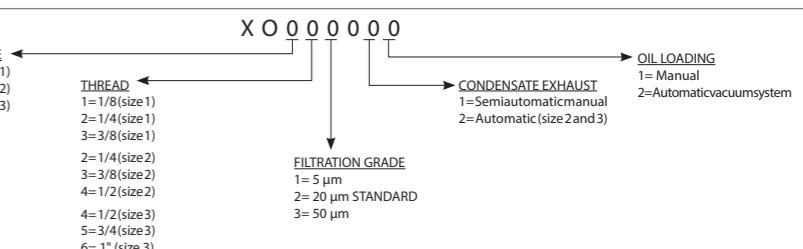
Filter reg. size 1-2-3
XP series



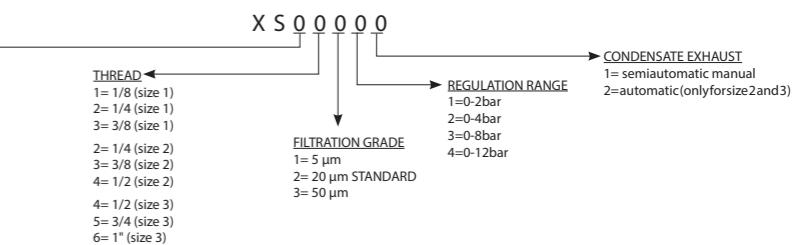
Lubricator size 1-2-3
XL series



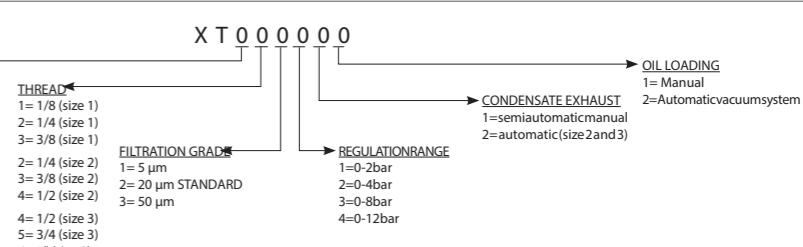
Filter+Lub. size 1-2-3
XO series



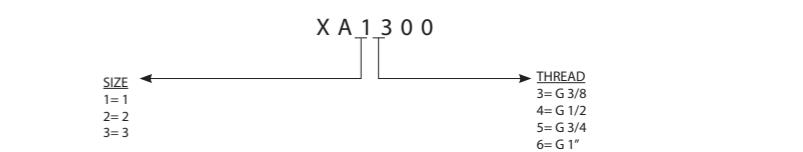
Filterregulator+Lub.
(FR+L)



Filter+Regulator+Lub.
(F+R+L)



Soft start valve
with quick
exhaust



Air treatment

Shot off valve



Valve+Filter+Regulator
+Lubricator
(V+FR+L)



Valve+Filter+Regulator
+Lubricator
(V+F+R+L)



Filter
YF series



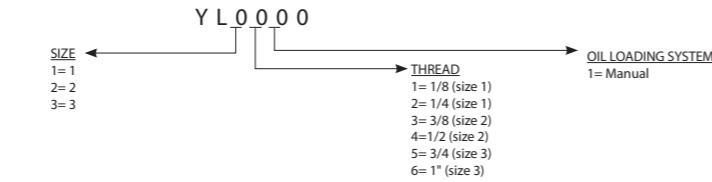
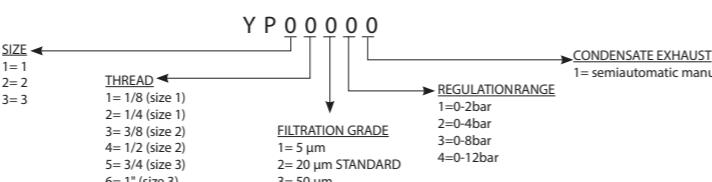
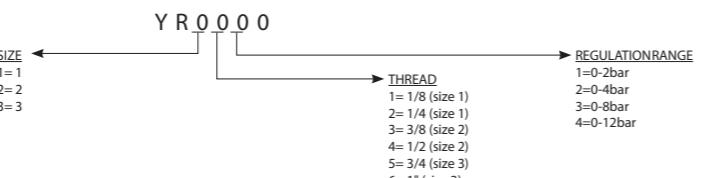
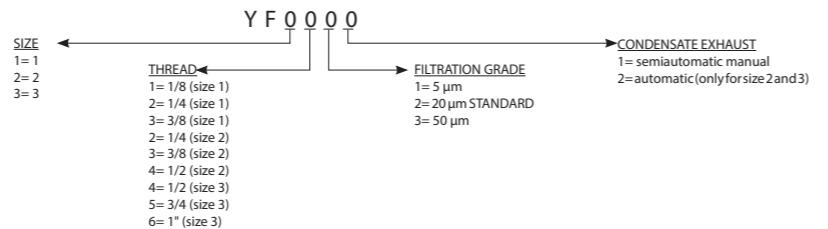
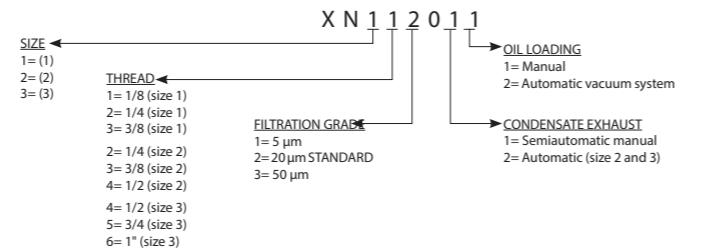
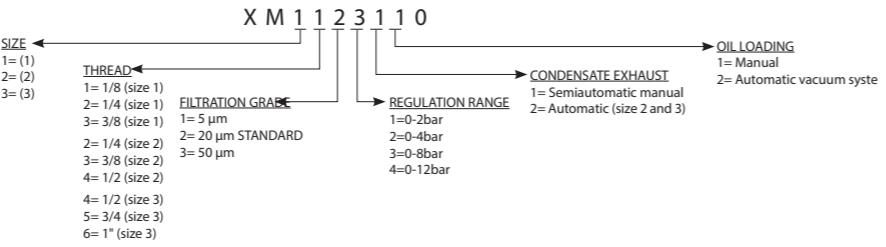
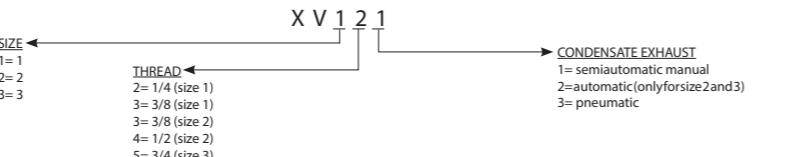
Regulator size 1-2-3
YR series



Filtereg.size 1-2-3
YP series



Lubricator size 1-2-3
YL series



Shot off valve



Valve+Filter+Regulator
+Lubricator
(V+FR+L)



Valve+Filter+Regulator
+Lubricator
(V+F+R+L)



Filter
YF series



Regulator size 1-2-3
YR series



Filtereg.size 1-2-3
YP series



Lubricator size 1-2-3
YL series



Filter+Regulator
+Lubricator
(FR+L)



Filter+Regulator
+Lubricator
(F+R+L)



Filter+Lubricator
size 1-2-3



Pilot controlled
regulator
YU series



Precision regulator
DR series



Microregulator
DT series



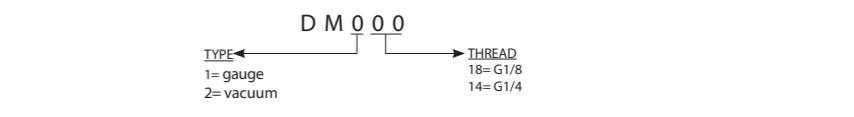
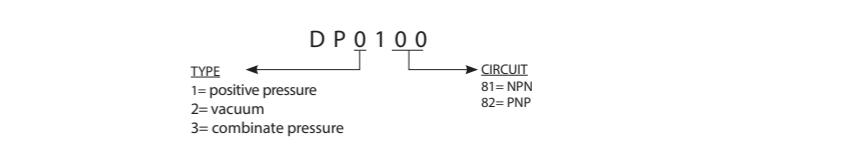
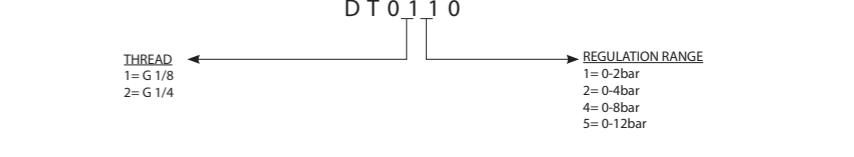
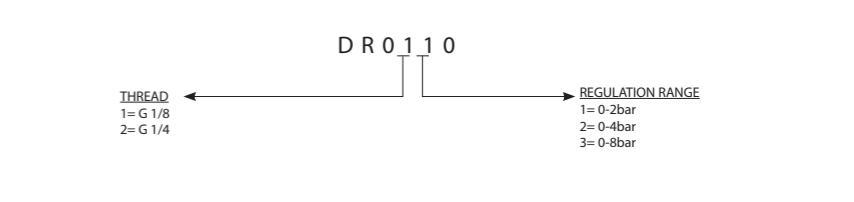
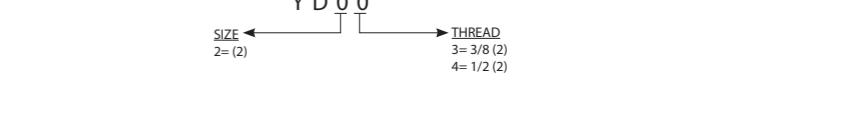
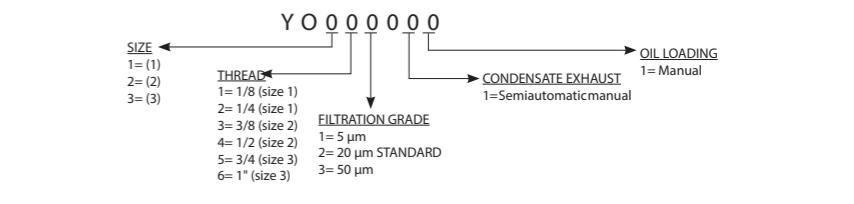
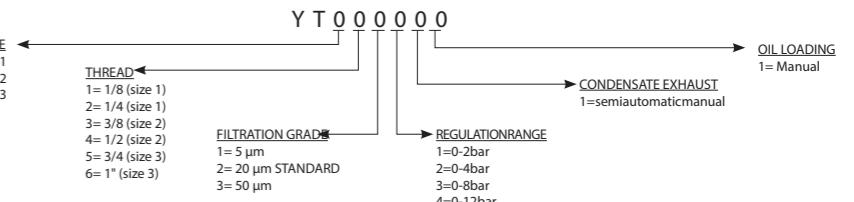
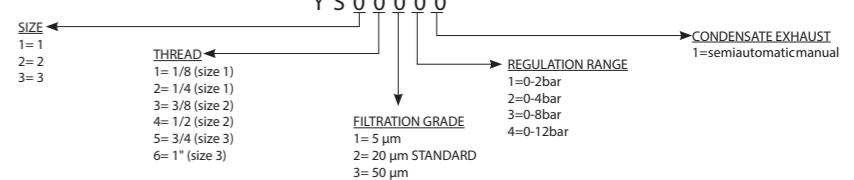
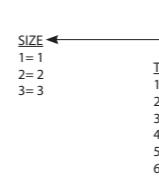
Digital pressure
switch
DP series



Digital gauge
DM series



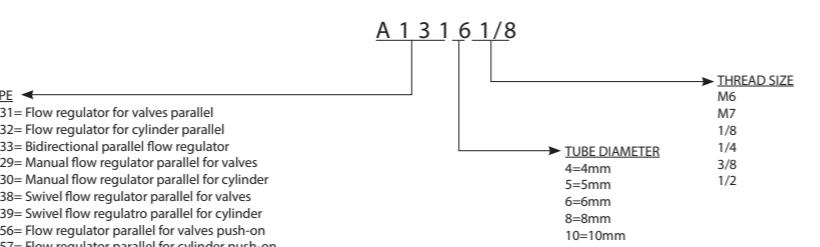
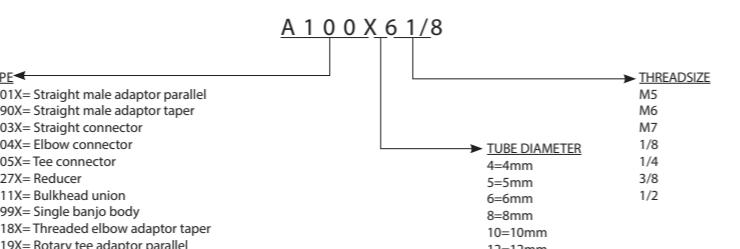
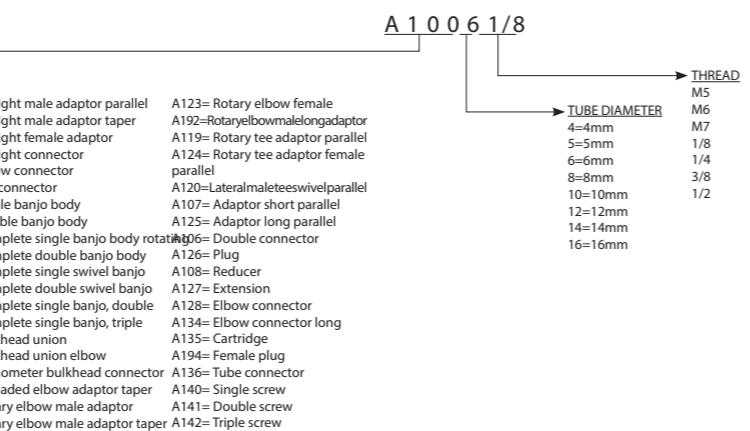
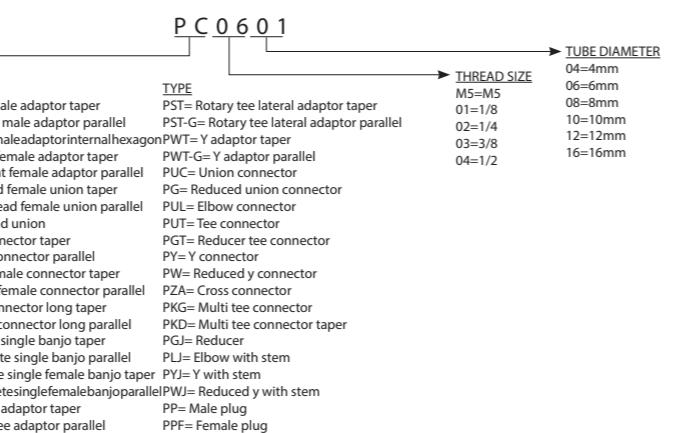
Air treatment



Fittings
**Push-In fittings
PC series**

**Push-In fittings in brass
A100 series**

**Push-In fittings stainless steel
A100X series**

Flow regulators

**Standard fittings
B200 series**

**Push-on fittings
C300 series**

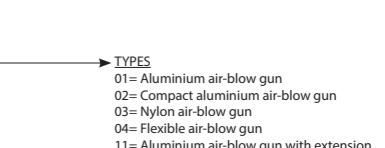
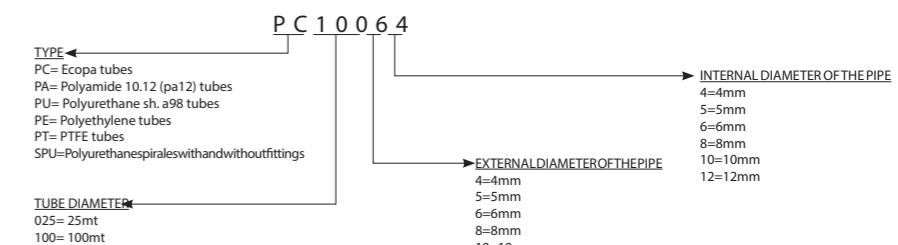
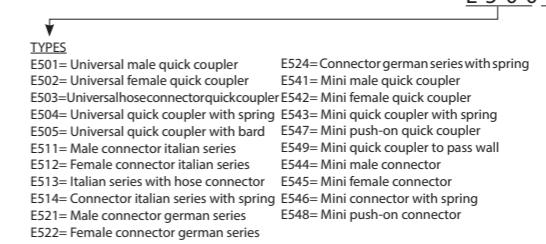
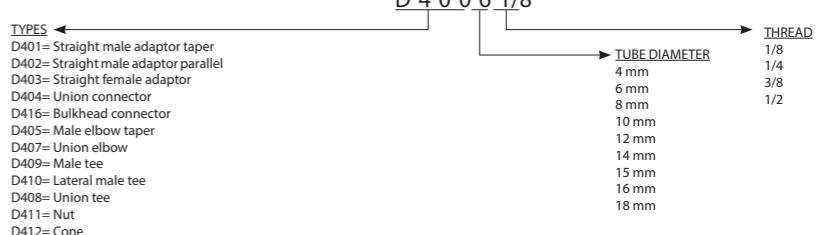
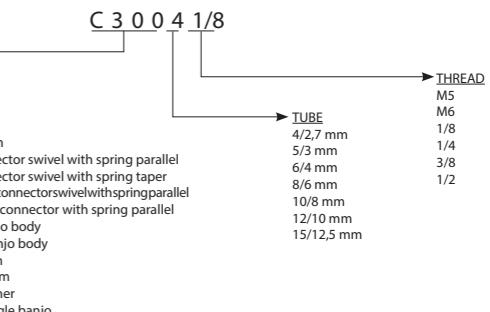
**Compression fittings
D400 series**

Tubes
E500 series

**Air-blown gun
P100 series**

Fittings
B 2 0 0 1 / 8 1 / 8

TYPES	THREAD
B216= Nipple parallel	M5 1/8
B217= Reducer parallel	1/4 3/8
B218= Cross female tee	1/2 1/2
B219= Reducer taper	1/4 3/4
B220= Male tee	1/4 1
B221= Reducer taper	3/8 1/2
B222= Male parallel	1/2 3/4
B223= Sleeves	1/4 1
B224= Reducer sleeve	1/2 1
B225= Male hose adaptor taper	1/2 1
B226= Male hose adaptor parallel	1/2 1
B227= Male hose parallel	1/2 1
B228= Male plug parallel	1/2 1
B229= Male plug parallel	1/2 1
B230= Male plug parallel without ring	1/2 1
B231= Female plug	1/2 1
B232= Female elbow	1/2 1
B233= Female bulkhead	1/2 1
B234= Female tee	1/2 1
B235= Male tee	1/2 1
B236= Male tee	1/2 1





EN- Airwork offers a variety of products within its range, known as assembly kits, which are specifically designed for customers who prefer to produce their own products at their location. The kits are supplied in a manner that facilitates the final assembly process.

IT- All'interno della gamma di prodotti Airwork sono disponibili vari prodotti, denominati kit di montaggio, appositamente creati per tutti quei clienti che desiderano realizzare i propri prodotti presso la propria sede. I kit sono appositamente forniti per facilitare le operazioni di montaggio finale.

FR- Airwork propose une variété de produits dans sa gamme, connus sous le nom de kits d'assemblage, qui sont spécifiquement conçus pour les clients qui préfèrent produire leurs propres produits à leur emplacement. Les kits sont fournis de manière à faciliter le processus d'assemblage final.

ES- Airwork ofrece una variedad de productos dentro de su gama, conocidos como kits de montaje, que están específicamente diseñados para los clientes que prefieren producir sus propios productos en su ubicación. Los kits se suministran de manera que facilita el proceso de montaje final.



EN- The image depicted above merely showcases a fraction of the bespoke cylinders and tailored solutions that Airwork is capable of delivering to its clientele. These products are either derived from a standard product base or entirely unique components, designed and crafted to meet the specific requirements of our customers.

IT- Qui vengono mostrate solo una piccola parte dei cilindri speciali e soluzioni personalizzate che Airwork è in grado di fornire ai propri clienti. Questi prodotti vengono realizzati partendo da una base di un prodotto standard oppure con componentistica totalmente speciale e quindi progettata su specifica richiesta dei clienti.

FR- L'image présentée ci-dessus ne montre qu'une fraction des vérins sur mesure et des solutions personnalisées qu'Airwork est capable de fournir à sa clientèle. Ces produits sont soit dérivés d'une base de produit standard, soit de composants entièrement uniques, conçus et fabriqués pour répondre aux exigences spécifiques de nos clients.

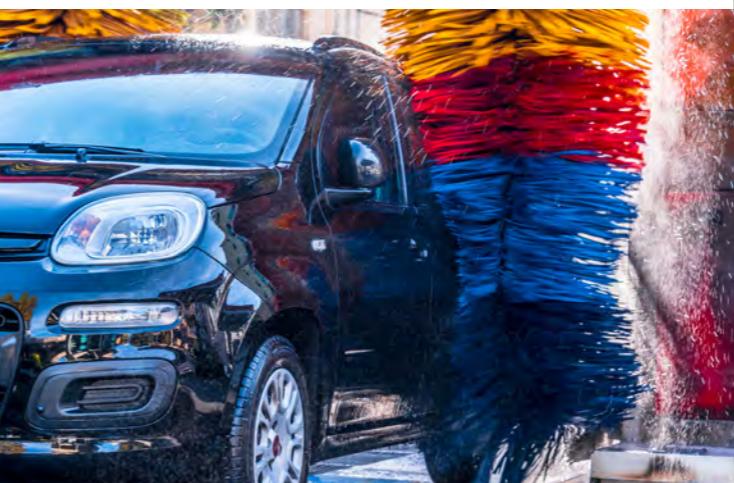
ES- La imagen que se muestra arriba solo muestra una fracción de los cilindros a medida y las soluciones personalizadas que Airwork puede ofrecer a sus clientes. Estos productos se derivan de una base de productos estándar o son componentes completamente únicos, diseñados y fabricados para satisfacer los requisitos específicos de nuestros clientes.



Components for the railway industry
 Componenti per il settore ferroviario
Composants pour le secteur ferroviaire
 Componentes para el sector ferroviario



Components for trucks & special vehicles
 Componenti per autocarri e veicoli speciali
Composants pour camions et véhicules spéciaux
 Componentes para camiones y vehículos especiales



Components for carwash systems
 Componenti per impianti di autolavaggi
Composants pour systèmes de lavage de voiture
 Componentes para sistemas de lavado de autos.



Components for farm industry
 Componenti per l'industria agricola
Composants pour l'industrie agricole
 Componentes para la industria agrícola.

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