

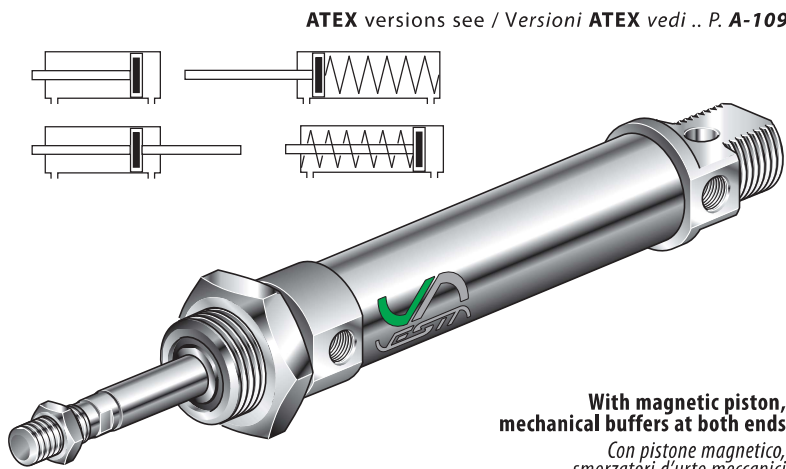
PNEUMATIC CYLINDERS WITH MAGNETIC PISTON STANDARD ISO 6432
CILINDRI PNEUMATICI CON PISTONE MAGNETICO ISO 6432

SERIE DVM

With magnetic piston / Con pistone magnetico

DVM /

- Bore Alesaggio (mm):
 - Ø12 **12**
 - Ø16 **16**
 - Ø20 **20**
 - Ø25 **25**
- Stroke Corsa (mm):
 - VS** Viton rod seal
Guarnizione dello stelo in Viton
 - VV** Viton all seal
Tutte le guarnizioni in Viton
- 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



ATEX versions see / Versioni ATEX vedi .. P. A-109

With magnetic piston,
mechanical buffers at both ends
Con pistone magnetico,
smorzatori d'urto meccanici

ISO 6432 cylinder fixing see:
Fissaggi per cilindri ISO 6432 vedi: Pag. A-10 ÷ A-11.

Features of reed switches see:
Caratteristiche finecorsa magnetici: Pag. A-11, A-19.

| Bore Alesaggio | Standard stroke / Corse Standard | | | | | | | | | | | | | |
|----------------|----------------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 10 | 25 | 50 | 80 | 100 | 125 | 160 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| 12 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 16 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 20 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 25 | • | • | • | • | • | • | • | • | • | • | • | • | • | • |

- End caps Anodized aluminium.
- Piston rod Rolled burnished stainless steel X5CrNi 1810.
- Barrel Anodized aluminium.
- Seals NBR rubber.
- Cushioning Mechanical buffers.

- Environment temperature range -10 °C ÷ +80 °C.
- Temperature range of medium 0 °C ÷ +40 °C.
- Lubrication Not required.
- Medium Filtered air.
- Max operating pressure 10 bar.

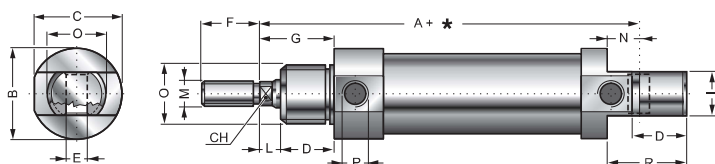
TECHNICAL FEATURES

- Testate Alluminio anodizzato.
- Stelo Acciaio inox X5CrNi 1810 rollato.
- Camicia Alluminio anodizzato.
- Guarnizioni Tutte in NBR.
- Ammortizzatori Meccanici in poliuretano.

- Temperatura ambiente -10 °C ÷ +80 °C.
- Temperatura fluido 0 °C ÷ +40 °C.
- Lubrificazione Non necessaria.
- Fluido Aria filtrata.
- Pressione max d'esercizio 10 bar.

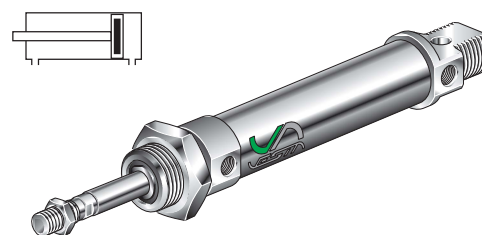
CARATTERISTICHE TECNICHE

* = Stroke / Corsa



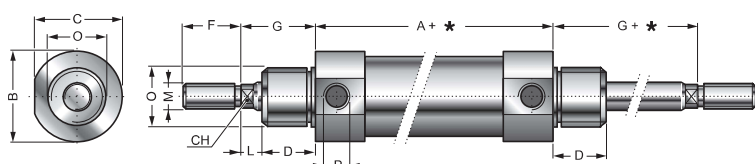
| Bore Alesaggio | A | ØB | C | CH | D | ØE ^{H9} | F | G | I | L | ØM | N | ØO | ØP | R | Code Codice |
|----------------|-----|----|------|----|----|------------------|----|----|----|---|----------|----|---------|------|----|-------------|
| 12 | 75 | 18 | 17,2 | 5 | 15 | 6 | 16 | 22 | 12 | 7 | M6x1 | 9 | M16x1,5 | M5 | 22 | DVM 12/... |
| 16 | 82 | 22 | 21,2 | 5 | 15 | 6 | 16 | 22 | 12 | 7 | M6x1 | 9 | M16x1,5 | M5 | 22 | DVM 16/... |
| 20 | 95 | 28 | 26,2 | 7 | 19 | 8 | 20 | 24 | 16 | 5 | M8x1,25 | 12 | M22x1,5 | G1/8 | 30 | DVM 20/... |
| 25 | 104 | 32 | 32,5 | 8 | 20 | 8 | 22 | 28 | 16 | 8 | M10x1,25 | 12 | M22x1,5 | G1/8 | 30 | DVM 25/... |

SINGLE ROD
CILINDRO BASE STELO SEMPLICE **DVM .. /...**



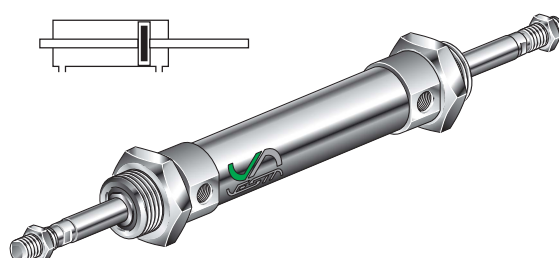
ATEX versions see / Versioni ATEX vedi .. P. A-109

* = Stroke / Corsa



| Bore Alesaggio | A | ØB | C | CH | D | F | G | L | ØM | ØO | ØP | Code Codice |
|----------------|------|----|------|----|----|----|----|---|----------|---------|------|--------------|
| 12 | 49,5 | 18 | 17,2 | 5 | 15 | 16 | 22 | 7 | M6x1 | M16x1,5 | M5 | DVM 12/... P |
| 16 | 56 | 22 | 21,2 | 5 | 15 | 16 | 22 | 7 | M6x1 | M16x1,5 | M5 | DVM 16/... P |
| 20 | 68 | 28 | 26,2 | 7 | 19 | 20 | 24 | 5 | M8x1,25 | M22x1,5 | G1/8 | DVM 20/... P |
| 25 | 69 | 32 | 32,5 | 8 | 20 | 22 | 28 | 8 | M10x1,25 | M22x1,5 | G1/8 | DVM 25/... P |

THROUGH ROD
STELO PASSANTE **DVM .. /... P**



ATEX versions see / Versioni ATEX vedi .. P. A-109

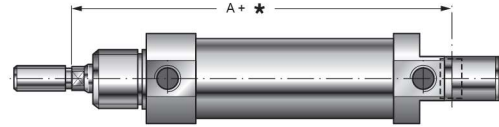
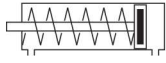


DVM .. /... SEA

SIMPLE ACTING FRONT SPRING
SEMPLICE EFFETTO MOLLA ANTERIORE

For overall dimensions see DVM single rod
Dimensioni di ingombro vedi DVM base stelo semplice

* = Stroke / Corsa



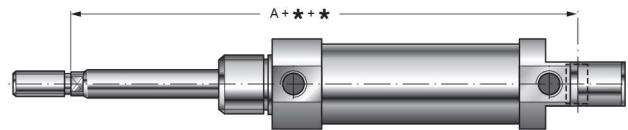
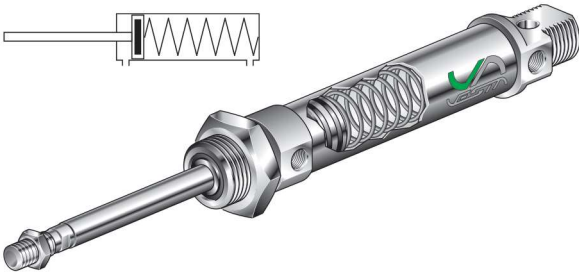
| Bore Alesaggio | A | Code Codice |
|-------------------|-----|----------------|
| 12 | 75 | DVM 12/... SEA |
| 16 | 82 | DVM 16/... SEA |
| 20 | 95 | DVM 20/... SEA |
| 25 | 104 | DVM 25/... SEA |

DVM .. /... SEP

SIMPLE ACTING REAR SPRING
SEMPLICE EFFETTO MOLLA POSTERIORE

For overall dimensions see DVM standard
Dimensioni di ingombro vedi DVM standard

* = Stroke / Corsa



| Bore Alesaggio | A | Code Codice |
|-------------------|-----|----------------|
| 12 | 75 | DVM 12/... SEP |
| 16 | 82 | DVM 16/... SEP |
| 20 | 95 | DVM 20/... SEP |
| 25 | 104 | DVM 25/... SEP |

| Strokes Corse (mm) | Spring force - Forza molla (daN) | | | | | | | | ..SEA | ..SEP |
|--------------------------|----------------------------------|------|--------|------|--------|------|--------|------|-------|-------|
| | Ø12 mm | | Ø16 mm | | Ø20 mm | | Ø25 mm | | | |
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | | |
| 10 | 2,1 | 2,4 | 2,2 | 2,5 | 2,3 | 2,6 | 2,3 | 2,6 | • | • |
| 25 | 1,6 | 2,4 | 1,6 | 2,5 | 1,7 | 2,6 | 1,7 | 2,6 | • | • |
| 50 | 0,35 | 2,4 | 0,5 | 2,5 | 1 | 2,6 | 1 | 2,6 | • | • |

..... - SG

SEALS KIT
KIT GUARNIZIONI DI RICAMBIO



Seals kit code = **Cylinder code** + **Bore** + **Versions** + - **SG**:
(The kit includes all seals).

Codice del kit = **Codice del cilindro** + **Alesaggio** + **Versioni** + - **SG**:
(Il kit comprende tutte le guarnizioni necessarie).

Example / Esempio: **DVM 16 VS - SG**