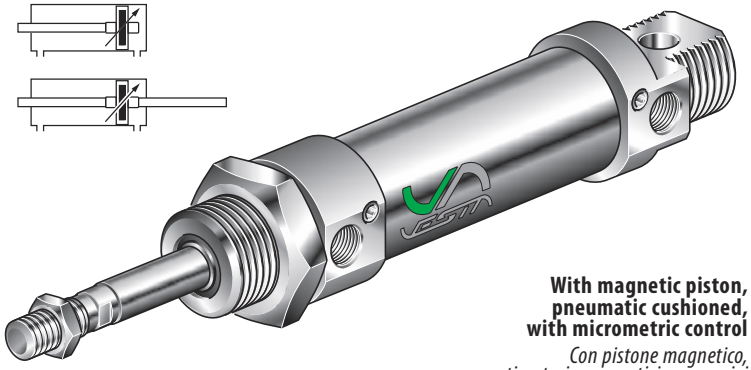
SERIE ACM

CUSHIONED PNEUMATIC CYLINDERS STANDARD ISO 6432
CILINDRI PNEUMATICI AMMORTIZZATI ISO 6432

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



With magnetic piston, pneumatic cushioned, with micrometric control

Con pistone magnetico, ammortizzatori pneumatici progressivi con regolazione micrometrica

With magnetic piston / *Con pistone magnetico*

ACM □□/□□□ □ □□

- Bore / *Alesaggio* (mm): Ø16 ..... **16**; Ø20 ..... **20**; Ø25 ..... **25**
- Stroke / *Corsa* (mm)
- **VS** Viton rod seal / *Guarnizione dello stelo in Viton*
- **VV** Viton all seal / *Tutte le guarnizione in Viton*
- **P** Through rod cylinder / *Cilindro stelo passante*

Standard stroke / *Corse Standard*

Bore / *Alesaggio*	10	25	50	80	100	125	160	200	250	300	350	400	450	500
16	•	•	•	•	•	•	•	•	•	•				
20	•	•	•	•	•	•	•	•	•	•	•	•	•	•
25	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Effective cushion length
Lunghezza utile ammortizzatore

Bore / *Alesaggio*	Length / *Lunghezza*
16	24
20	27
25	30

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.**

TECHNICAL FEATURES

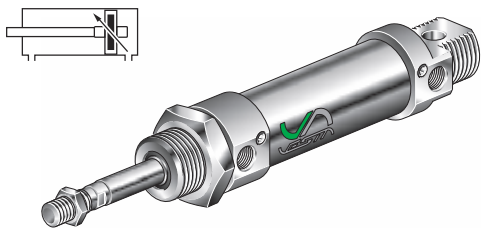
End caps	Anodized aluminium.
Piston rod	Rolled burnished stainless steel X5CrNi 1810.
Barrel	Anodized aluminium.
Seals	NBR rubber.
Cushioning	Pneumatic adjusting cushions.
Environment temperature range	-10 °C ÷ +80 °C.
Temperature range of medium	0 °C ÷ +40 °C.
Lubrication	Not required.
Medium	Filtered air.
Max operating pressure	10 bar.

CARATTERISTICHE TECNICHE

Testate	*Alluminio anodizzato.*
Stelo	*Acciaio inox X5CrNi 1810 rullato.*
Camicia	*Alluminio anodizzato.*
Guarnizioni	*Tutte in NBR.*
Ammortizzatori	*Pneumatici regolabili.*
Temperatura ambiente	*-10 °C ÷ +80 °C.*
Temperatura fluido	*0 °C ÷ +40 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*
Pressione max d'esercizio	*10 bar.*

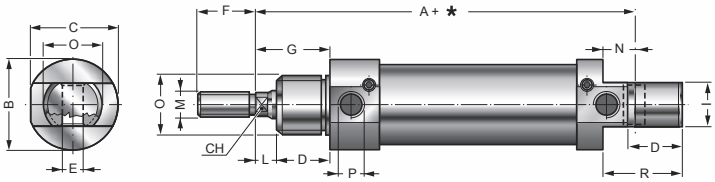
ACM .. /...

SINGLE ROD
CILINDRO BASE STELO SEMPLICE



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

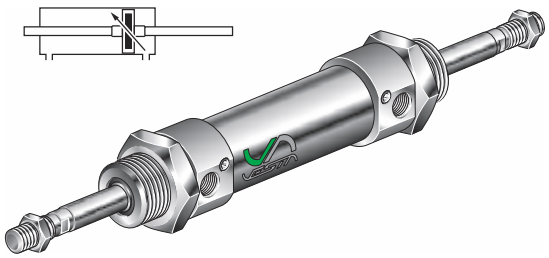
✱ = Stroke / ***Corsa***



Bore / *Alesaggio*	A	ØB	C	CH	D	ØE H9	F	G	I	L	ØM	N	ØO	ØP	R	Code / *Codice*
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	**ACM 16/...**
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	**ACM 20/...**
25	104	34	32,5	8	20	8	22	28	16	8	M10x1,25	12	M22x1,5	G1/8	30	**ACM 25/...**

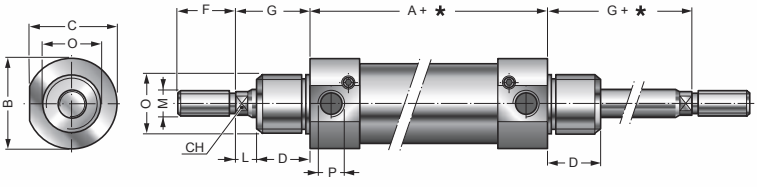
ACM .. /... P

THROUGH ROD
STELO PASSANTE



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*
16	56	22	21,2	5	15	16	22	7	M6x1	M16x1,5	M5	**ACM 16/... P**
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	**ACM 20/... P**
25	69	34	32,5	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	**ACM 25/... P**

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

SERIE **DVM**

With magnetic piston / *Con pistone magnetico*

DVM □□/□□□ □ □□

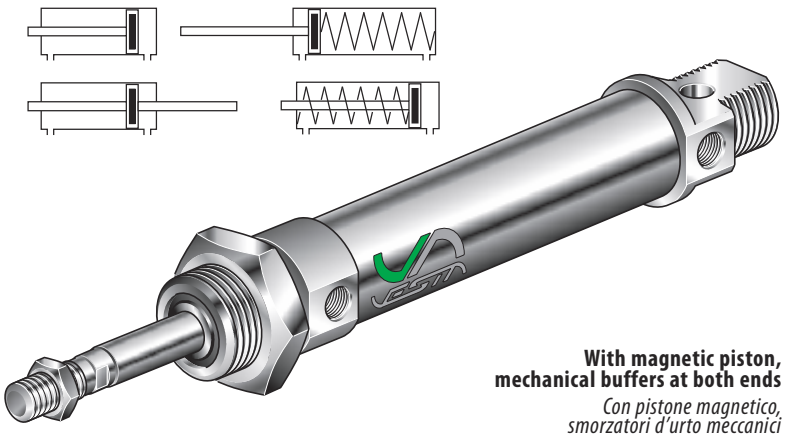
Bore / *Alesaggio* (mm):
- Ø12 ..... **12**
- Ø16 ..... **16**
- Ø20 ..... **20**
- Ø25 ..... **25**

Stroke / *Corsa* (mm):

- **VS** Viton rod seal / *Guarnizione dello stelo in Viton*
- **VV** Viton all seal / *Tutte le guarnizione 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.**

Standard stroke / *Corse Standard*

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

TECHNICAL FEATURES

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.

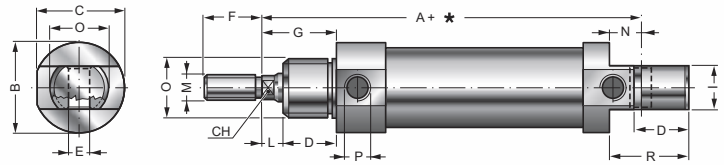
CARATTERISTICHE TECNICHE

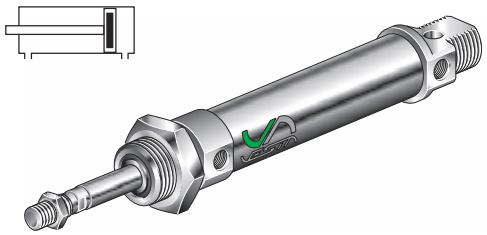
Testate	*Alluminio anodizzato.*
Stelo	*Acciaio inox X5CrNi 1810 rullato.*
Camicia	*Alluminio anodizzato.*
Guarnizioni	*Tutte in NBR.*
Ammortizzatori	*Meccanici in poliuretano.*
Temperatura ambiente	*-10 °C ÷ +80 °C.*
Temperatura fluido	*0 °C ÷ +40 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*
Pressione max d'esercizio	*10 bar.*

✱ = Stroke / *Corsa*

SINGLE ROD
CILINDRO BASE STELO SEMPLICE

DVM .. /...





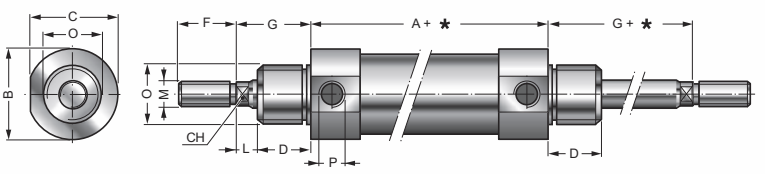
Bore / *Alesaggio*	A	ØB	C	CH	D	ØE^{H9}	F	G	I	L	ØM	N	ØO	ØP	R	*Code / Codice*
12	75	18	17,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM 12/...
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM 16/...
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	DVM 20/...
25	104	32	32,5	8	20	8	22	28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

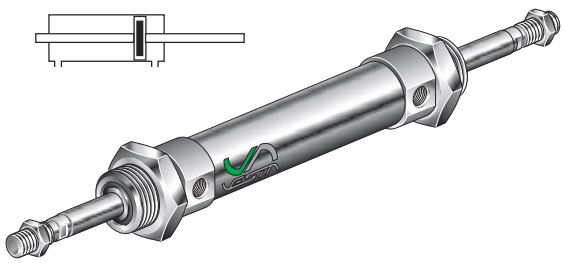
ATEX versions see / *Versioni* **ATEX** *vedi .. P.* ***A-109***

✱ = Stroke / *Corsa*

THROUGH ROD
STELO PASSANTE

DVM .. /... P





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

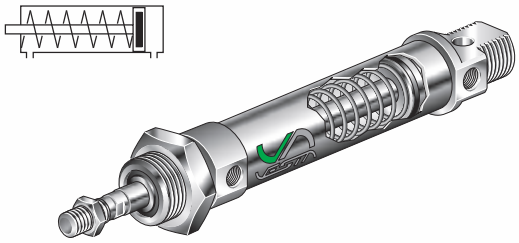
ATEX versions see / *Versioni* **ATEX** *vedi .. P.* ***A-109***

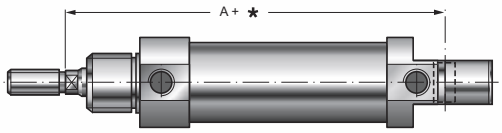
DVM .. /... SEA

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*





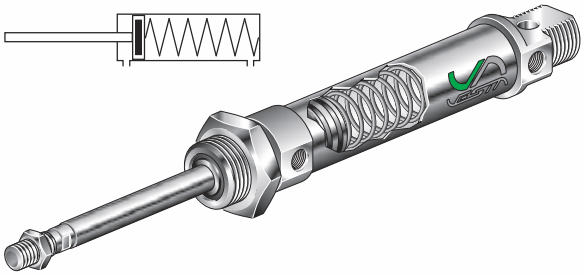
Bore *Alesaggio*	A	*Code* *Codice*
12	75	DVM 12/... SEA
16	82	DVM 16/... SEA
20	95	DVM 20/... SEA
25	104	DVM 25/... SEA

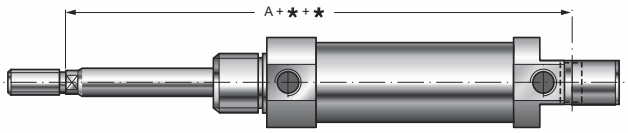
DVM .. /... SEP

SIMPLE ACTING REAR SPRING
SEMPLICE EFFETTO MOLLA POSTERIORE

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

✱ = Stroke / *Corsa*



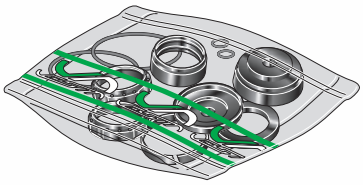


Bore *Alesaggio*	A	*Code* *Codice*
12	75	DVM 12/... SEP
16	82	DVM 16/... SEP
20	95	DVM 20/... SEP
25	104	DVM 25/... SEP

Strokes *Corse* (mm)	Spring force - *Forza molla* (daN) Ø12 mm Min.	Ø12 mm Max.	Ø16 mm Min.	Ø16 mm Max.	Ø20 mm Min.	Ø20 mm Max.	Ø25 mm Min.	Ø25 mm Max.	..SEA	..SEP
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**