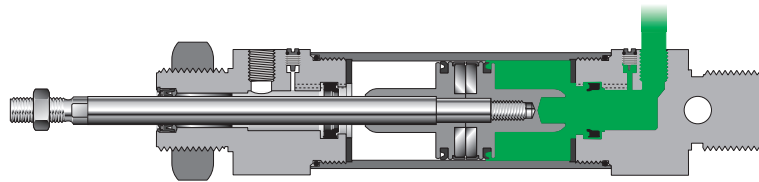
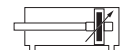


**CYLINDERS ACM- AND DVM- TECHNICAL FEATURES / CARATTERISTICHE TECNICHE ACM- E DVM-**



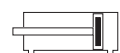
**ISO 6432**

Ø16; 20; 25

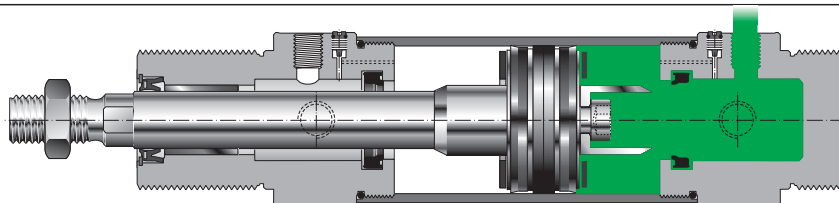


**ACM..**

Ø12; 16; 20; 25



**DVM..**

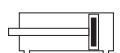


Ø32; 40; 50



**ACMT..**

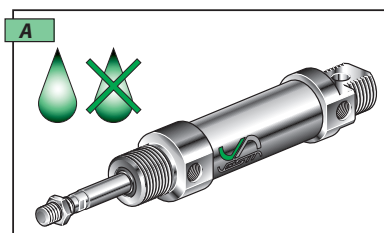
Ø32; 40; 50



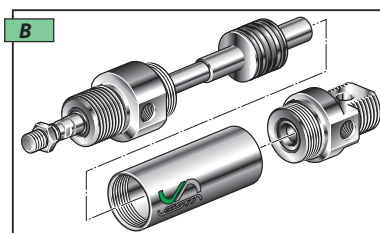
**DVMT..**

The cushioned double acting Vesta **ACM(T)** cylinders with magnetic pistons and adjustable cushioning are available in the following bore sizes: 16, 20, 25, 32, 40 and 50 in a wide range of standard strokes. The Vesta cylinder type **DVM(T)** is available in diameters of 12, 16, 20, 25, 32, 40 and 50, with mechanical buffers at both ends, and magnetic piston. **ACM(T)** and **DVM(T)** series are built with screw heads. Stroke tolerance follows ISO 6432 standard.

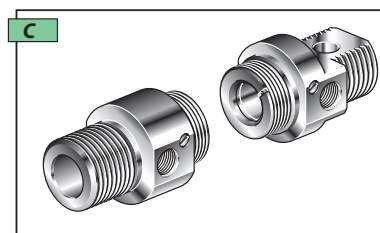
*I cilindri Vesta serie **ACM(T)** a doppio effetto ammortizzati e con pistone magnetico sono disponibili negli alesaggi 16, 20, 25, 32, 40 e 50 mm, in una vasta gamma di corse standard; mentre i cilindri serie **DVM(T)** con smorzatori meccanici d'urto, magnetici, sono disponibili negli alesaggi 12, 16, 20, 25, 32, 40 e 50 mm. Le particolari caratteristiche costruttive, le soluzioni tecniche adottate ed i materiali impiegati, garantiscono una lunga durata ed un ottimo funzionamento del cilindro. La costruzione è del tipo "teste avvitare", quindi cilindri ispezionabili con possibilità di manutenzione. I cilindri serie **ACM(T)** e **DVM(T)** sono predisposti per il montaggio di sensori magnetici. Le tolleranze sulle corse dei cilindri sono conformi alla normativa ISO 6432.*



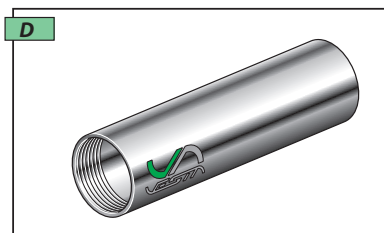
Lubrication not required.  
*Possibilità di funzionamento continuo privo di lubrificazione.*



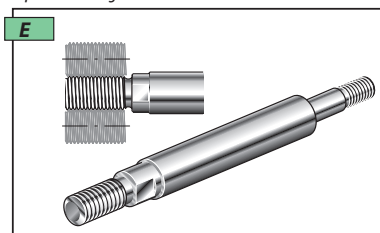
"Screw head" construction allows immediate check up of cylinders.  
*Le teste filettate consentono di ispezionare agevolmente il cilindro.*



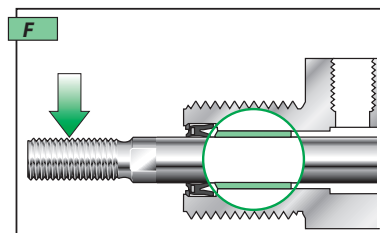
Caps in a light alloy of anodized aluminium.  
*Le teste sono in lega leggera di alluminio anodizzate.*



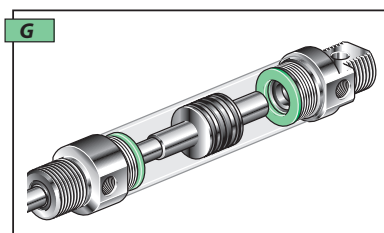
Tubes in anodized aluminium.  
*Le camicie sono in alluminio anodizzato.*



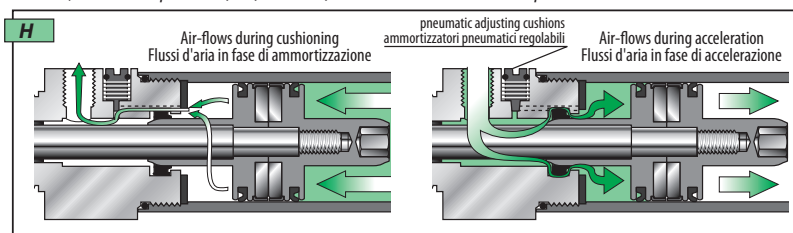
Piston rods in rolled stainless steel X5CrNi 1810 (X20Cr 13 for Ø32,40,50).  
*Steli in acciaio INOX X5CrNi 1810 rullato (X20Cr 13 per Ø32,40,50 mm).*



Self lubricating bearing in a copper-steel alloy, with teflon covering.  
*Boccole autolubrificanti in acciaio ramato con deposito in Teflon.*



Mechanical buffers at both ends for **DVM** and **DVMT** series.  
*Smorzatori d'urto meccanici per **DVM** e **DVMT**.*



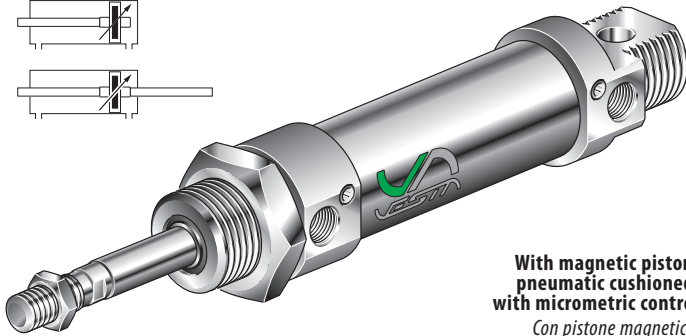
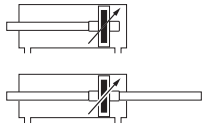
Very efficient and progressive adjustable cushioning for **ACM** and **ACMT** series.  
*Ammortizzatori pneumatici progressivi ed efficienti per la serie **ACM** ed **ACMT**.*



# 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

**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

### 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	16	24
20	20	27
25	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

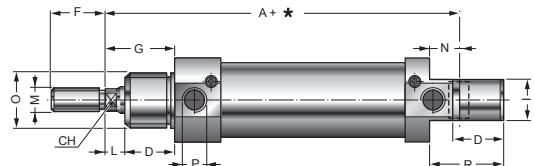
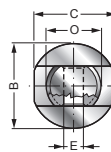
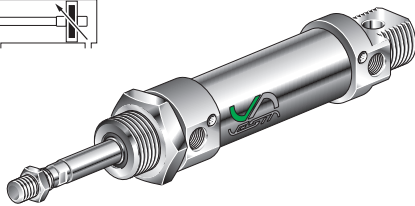
Testate ..... Alluminio anodizzato.  
Stelo ..... Acciaio inox X5CrNi 1810 rollato.  
Camicia ..... Alluminio anodizzato.  
Guarnizioni ..... Tutte in NBR.  
Ammortizzatori ..... Pneumatici regolabili.

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

\* = Stroke / Corsa



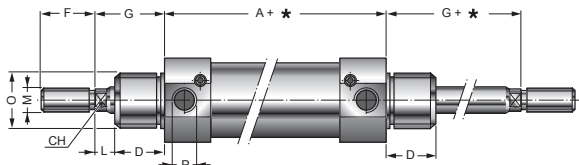
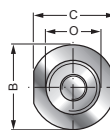
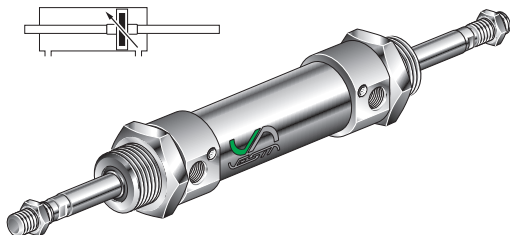
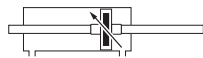
Bore Alesaggio	A	ØB	C	CH	D	ØE <sup>H9</sup>	F	G	I	L	ØM	N	ØO	ØP	R	Code Codice
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	ACM 16/...
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	ACM 20/...
25	104	34	32,5	8	20	8	22	28	16	8	M10x1,25	12	M22x1,5	G1/8	30	ACM 25/...

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

## ACM .. /... P

THROUGH ROD  
STELO PASSANTE

\* = 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

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