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

SERIE **DVM**

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

With magnetic piston / *Con pistone magnetico*

DVM □□/□□□ □ □□

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

Stroke
Corsa
(mm):

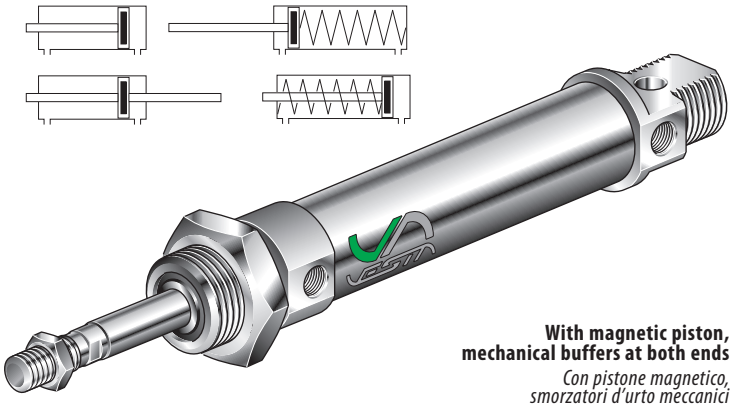
VS Viton rod seal
Guarnizione dello stelo in Viton

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



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.

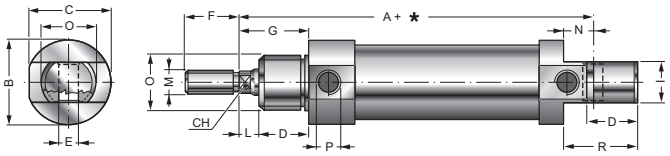
CARATTERISTICHE TECNICHE

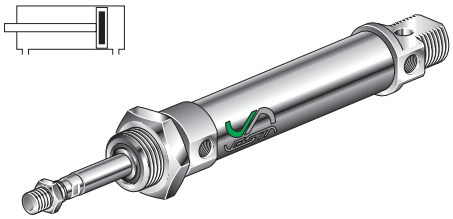
Testate	*Alluminio anodizzato.*
Stelo	*Acciaio inox X5CrNi 1810 rullato.*
Camicia	*Alluminio anodizzato.*
Guarnizioni	*Tutte in NBR.*
Ammortizzatori	*Meccanici in poliuretano.*
Temperatura ambiente	*-10 °C ÷ +80 °C.*
Temperatura fluido	*0 °C ÷ +40 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*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

✱ = Stroke / *Corsa*

SINGLE ROD
CILINDRO BASE STELO SEMPLICE

DVM .. /...





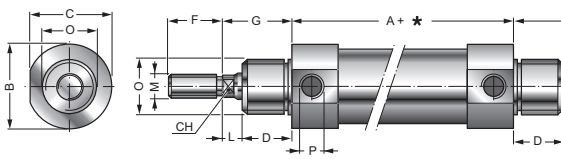
Bore Alesaggio	A	ØB	C	CH	D	ØE H9	F	G	I	L	ØM	N	ØO	ØP	R	Code Codice
12	75	18	17,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM 12/...
16	82	22	21,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DVM 16/...
20	95	28	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	DVM 20/...
25	104	32	32,5	8	20	8	22	28	16	8	M10x1,25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

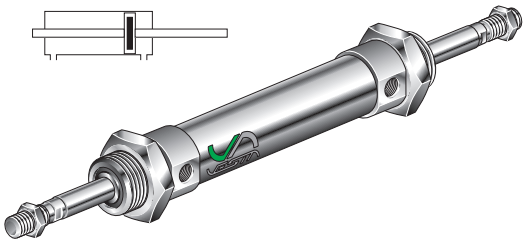
ATEX versions see / *Versioni* **ATEX** *vedi .. P.* ***A-109***

✱ = Stroke / *Corsa*

THROUGH ROD
STELO PASSANTE

DVM .. /... P



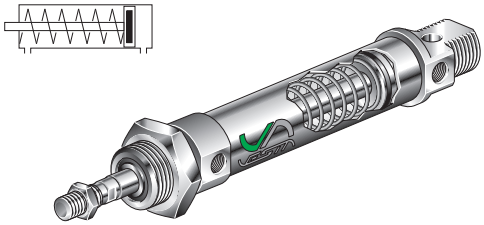


Bore Alesaggio	A	ØB	C	CH	D	F	G	L	ØM	ØO	ØP	Code Codice
12	49,5	18	17,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM 12/... P
16	56	22	21,2	5	15	16	22	7	M6x1	M16x1,5	M5	DVM 16/... P
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	DVM 20/... P
25	69	32	32,5	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	DVM 25/... P

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

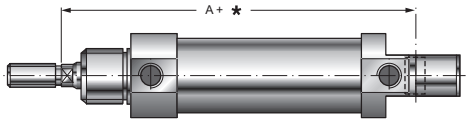
DVM .. /... SEA

SIMPLE ACTING FRONT SPRING
SEMPLICE EFFETTO MOLLA ANTERIORE



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

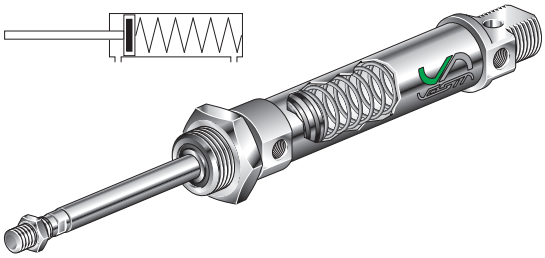
*** = Stroke / *Corsa***



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

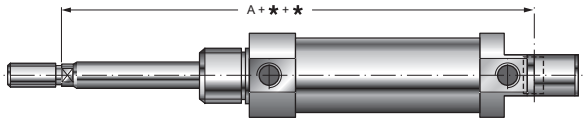
DVM .. /... SEP

SIMPLE ACTING REAR SPRING
SEMPLICE EFFETTO MOLLA POSTERIORE



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

*** = Stroke / *Corsa***

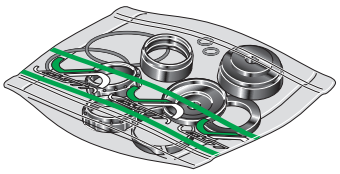


Bore *Alesaggio*	A	*Code* Codice
12	75	DVM 12/... SEP
16	82	DVM 16/... SEP
20	95	DVM 20/... SEP
25	104	DVM 25/... SEP

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**