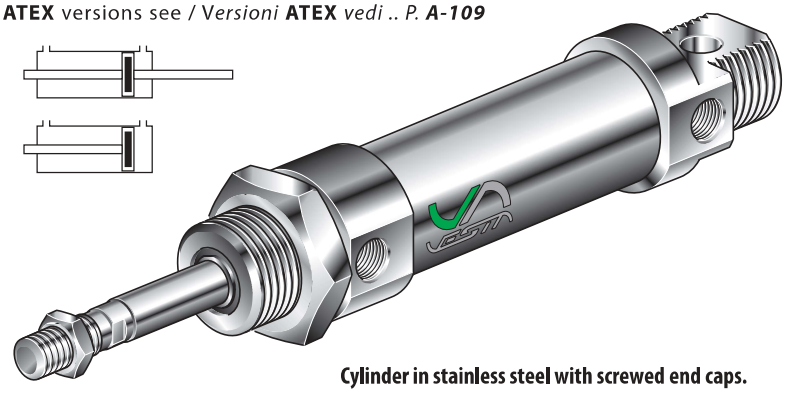
SERIE DSM

PNEUMATIC CYLINDERS ISO 6432 FOR HARSH AGGRESSIVE ENVIRONMENT
CILINDRI INOX ISO 6432 PER AMBIENTI PARTICOLARMENTE AGGRESSIVI

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



Cylinder in stainless steel with screwed end caps.
Completamente in acciaio inox con teste avvitate.

With magnetic piston / *Con pistone magnetico*

DSM □□-□□□ □ □□

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

Stroke / *Corsa*
(mm):

VV Viton all seal
Tutte le guarnizione in Viton

P Through rod cylinder
Cilindro stelo passante

SEA Single acting front spring
Semplice effetto molla anteriore

SEP Single acting rear spring
Semplice effetto molla posteriore

Standard stroke / *Corse Standard*

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

DSM cylinder fixing see:
Fissaggi per cilindri DSM vedi: ..... **Pag. A-10 ÷ A-11; A-43.**

Features of reed switches see:
Caratteristiche finecorsa magnetici: ..... **Pag. A-19, A-42**

TECHNICAL FEATURES

End caps	Stainless steel X5 Cr Ni 1810.
Piston rod	Stainless steel X5 Cr Ni 1810.
Barrel	Stainless steel X5 Cr Ni 1810 tube.
Seals	Rod seal in VITON, other seals in NBR.
Cushioning	Mechanical in polyurethane.
Nuts	Stainless steel X10 Cr Ni S 18-09.

Environment temperature range	-10 ÷ +70 °C.
Temperature range of medium	0 ÷ +40 °C.
Lubrication	Not required.
Medium	Filtered air.
Max operating pressure	10 bar.

CARATTERISTICHE TECNICHE

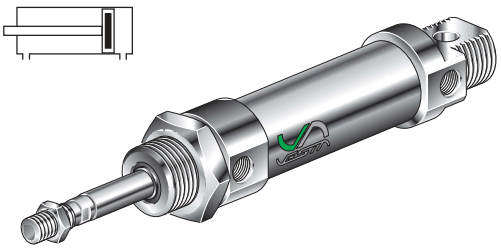
Testate	*Acciaio inox X5 Cr Ni 1810.*
Stelo	*Acciaio inox X5 Cr Ni 1810.*
Camicia	*Tubo in acciaio inox X5 Cr Ni 1810.*
Guarnizioni	*Dello stelo in VITON, altre in NBR.*
Ammortizzatori	*Meccanici in poliuretano.*
Bussola e dado	*Acciaio inox X10 Cr Ni S 18-09.*

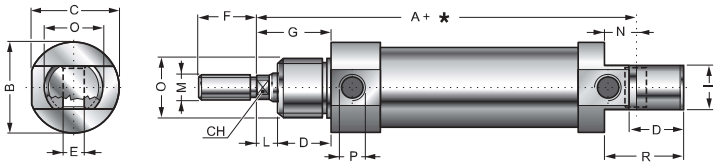
Temperatura ambiente	*-10 °C ÷ +70 °C.*
Temperatura fluido	*0 °C ÷ +40 °C.*
Lubrificazione	*Non necessaria.*
Fluido	*Aria filtrata.*
Pressione max d'esercizio	*10 bar.*

DSM .. /...

SINGLE ROD
CILINDRO BASE STELO SEMPLICE

✱ = Stroke / *Corsa*



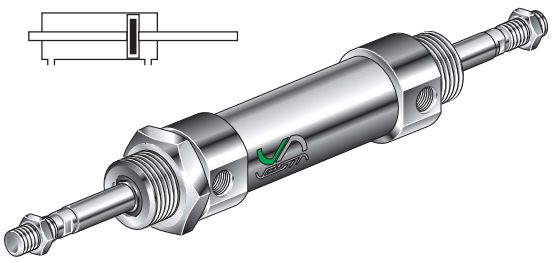


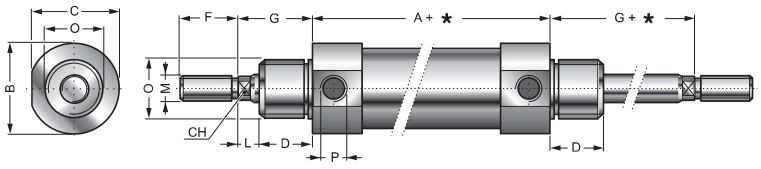
Bore Alesaggio	A	ØB	C	CH	D	ØE^{H9}	F	G	I	L	ØM	N	ØO	ØP	R	Code Codice
12	75	18	17,2	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DSM 12/...
16	82	20	19	5	15	6	16	22	12	7	M6x1	9	M16x1,5	M5	22	DSM 16/...
20	95	25	26,2	7	19	8	20	24	16	5	M8x1,25	12	M22x1,5	G1/8	30	DSM 20/...
25	104	30	28,3	8	20	8	22	28	16	8	M10x1,25	12	M22x1,5	G1/8	30	DSM 25/...

DSM .. /... P

THROUGH ROD
STELO PASSANTE

✱ = 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	DSM 12/... P
16	56	20	19	5	15	16	22	7	M6x1	M16x1,5	M5	DSM 16/... P
20	68	28	26,2	7	19	20	24	5	M8x1,25	M22x1,5	G1/8	DSM 20/... P
25	69	30	28,3	8	20	22	28	8	M10x1,25	M22x1,5	G1/8	DSM 25/... P