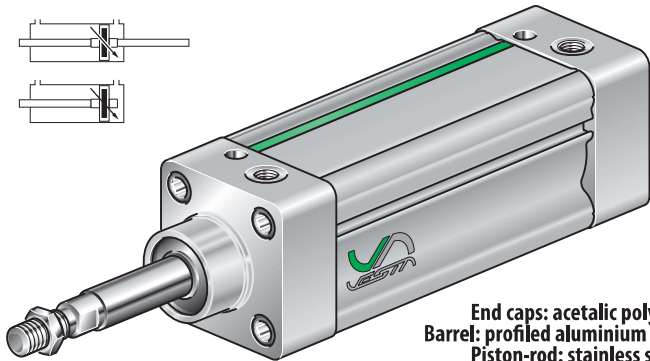




# SERIE XPN

**FOR AGGRESSIVE ENVIRONMENT CONDITIONS, VDMA - ISO 1552**  
**CILINDRI PER AMBIENTI AGGRESSIVI, VDMA - ISO 1552**

With magnetic piston / Con pistone magnetico



**End caps: acetalic polymer**  
**Barrel: profiled aluminium tube**  
**Piston-rod: stainless steel.**  
*Testate: resina acetlica*  
*Camicia: profilato di alluminio*  
*Stelo: acciaio inox*

XPN  /

Bore / Alesaggio (mm):  
 Ø32 ..... **32**  
 Ø40 ..... **40**  
 Ø50 ..... **50**  
 Ø63 ..... **63**  
 Ø80 ..... **80**  
 Ø100 ... **100**

**P** Through rod cylinder  
*Cilindro stelo passante*  
 Stroke / Corsa (mm):

Bore Alesaggio	Standard stroke / Corse Standard																	
	25	50	80	100	125	160	200	250	300	350	400	450	500	600	700	800	900	1000
32	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
63	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
80	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Bore Alesaggio	Effective cushion length Lunghezza utile ammortizzatore	
	Length Lunghezza	
32	24	
40	27	
50	30	
63	30	
80	36	
100	38	

XPN cylinder fixing see:  
 Fissaggi per cilindri XPN vedi:  
 ..... **Pag. A-43; A-47 ÷ A-48.**

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

## TECHNICAL FEATURES

End caps ..... Acetalic polymer (Zellamid 900).  
 Piston rod ..... Stainless steel X5 Cr Ni 18-10.  
 Barrel ..... Extruded profiled and anodized aluminium tube.  
 Seals ..... Rod seal in poliurethane, other seals in NBR.  
 Cushoning ..... Pneumatic adjusting cushions.

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

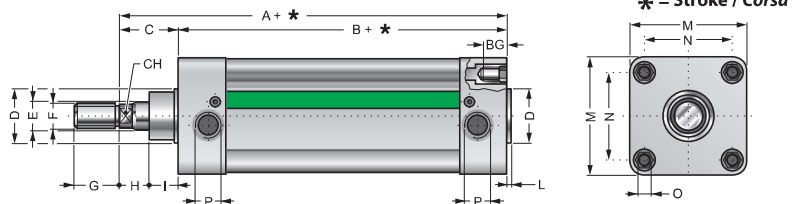
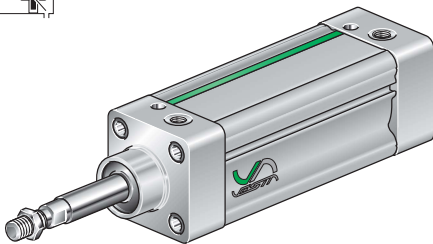
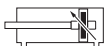
## CARATTERISTICHE TECNICHE

Testate ..... Resina acetlica (Zellamid 900).  
 Stelo ..... Acciaio inox X5 Cr Ni 18-10.  
 Camicia ..... Tubo profilato ed anodizzato d' alluminio.  
 Guarnizioni ..... Dello stelo in poliuretano, altre in NBR.  
 Ammortizzatori ..... Di notevole efficacia, con regolazione micrometrica.

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

## XPN .. / ...

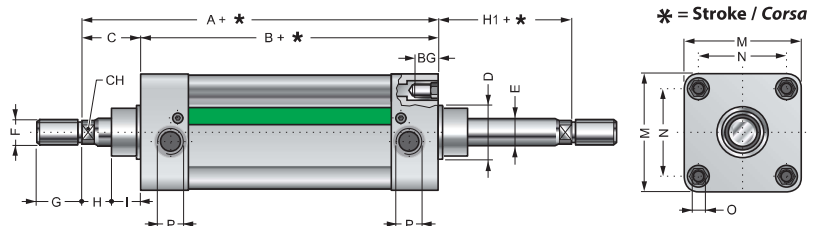
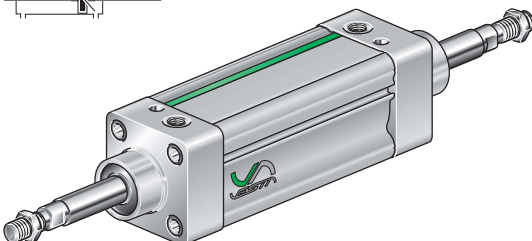
SINGLE ROD  
 CILINDRO BASE STELO SEMPLICE



Bore Alesaggio	A	B	C	D	E	F	G	H	I	L	M	N	O	P	BG	CH	Code Codice
32	120	94	26	30	12	M10x1,25	20	7	19	4	47	32,5	M6	G1/8	15	10	XPN 32/...
40	135	105	30	35	16	M12x1,25	24	8	22	4	54	38	M6	G1/4	15	13	XPN 40/...
50	143	106	37	40	20	M16x1,5	32	11	26	2	66	46,5	M8	G1/4	15	17	XPN 50/...
63	158	121	37	45	20	M16x1,5	32	13	24	4	78	56,5	M8	G3/8	15	17	XPN 63/...
80	174	128	46	45	25	M20x1,5	40	20	26	2	98	72	M10	G3/8	18	21	XPN 80/...
100	189	138	51	55	25	M20x1,5	40	25	26	2	115	89	M10	G1/2	18	25	XPN 100/...

## XPN .. / ... P

THROUGH ROD  
 STELO PASSANTE



Bore Alesaggio	A	B	C	D	E	F	G	H	H1	I	M	N	O	P	BG	CH	Code Codice
32	120	94	26	30	12	M10x1,25	20	7	26	19	47	32,5	M6	G1/8	15	10	XPN 32/... P
40	135	105	30	35	16	M12x1,25	24	8	30	22	54	38	M6	G1/4	15	13	XPN 40/... P
50	143	106	37	40	20	M16x1,5	32	11	37	26	66	46,5	M8	G1/4	15	17	XPN 50/... P
63	158	121	37	45	20	M16x1,5	32	13	37	24	78	56,5	M8	G3/8	15	17	XPN 63/... P
80	174	128	46	45	25	M20x1,5	40	20	46	26	98	72	M10	G3/8	18	21	XPN 80/... P
100	189	138	51	55	25	M20x1,5	40	25	51	26	115	89	M10	G1/2	18	25	XPN 100/... P