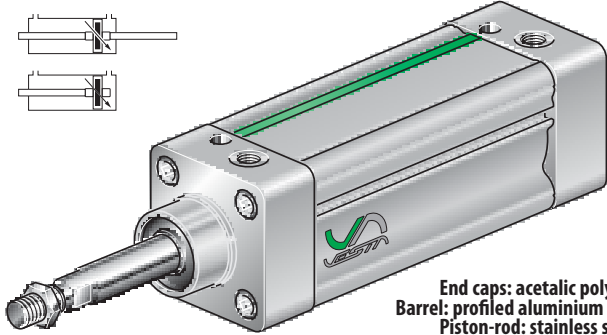




# SERIE XPN

**FOR AGGRESSIVE ENVIRONMENT CONDITIONS, VDMA - ISO 15552  
CILINDRI PER AMBIENTI AGGRESSIVI, VDMA - ISO 15552**

With magnetic piston / Con pistone magnetico



End caps: acetalic polymer  
Barrel: profiled aluminium tube  
Piston-rod: stainless steel.  
Testate: resina acetilica  
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	
	Bore Alesaggio	Length Lunghezza
32	32	24
40	40	27
50	50	30
63	63	30
80	80	36
100	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 polyurethane, other seals in NBR.  
Cushioning ..... 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.

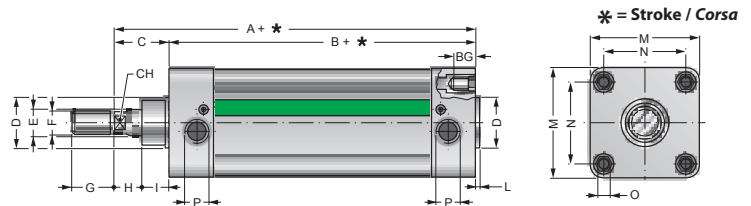
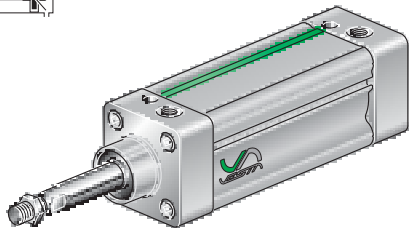
## CARATTERISTICHE TECNICHE

Testate ..... Resina acetilica (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 .. /...

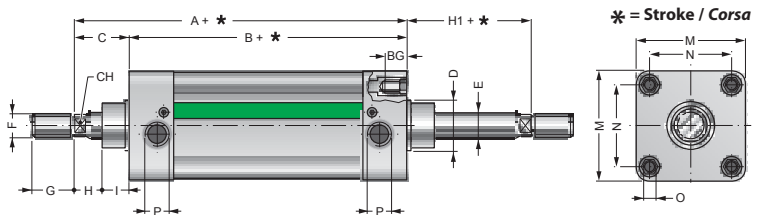
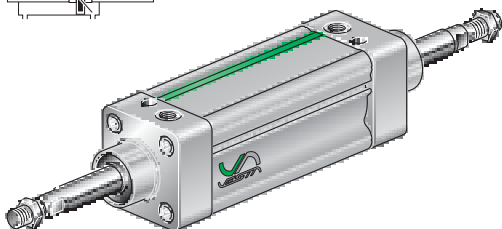
SINGLE ROD  
CILINDRO BASE STELO SEMPLICE



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