

PNEUMATIC CYLINDERS

ISO 15552 SERIES

SERIES CX

Pneumatic cylinder according ISO 15552 Standards.

Aluminium extruded and gauged body, internally and externally anodized (class 20 micron). Piston rod in steel CK 45 chromium plated.

Seals in NBR and in polyurethane.

Bores 32-40-50-63-80-100-125 mm.



Available with ATEX certification.

SERIES CD

Aluminium extruded and gauged body, internally and externally anodized (class 20 micron).

Tie-rods in steel zinc plated. Piston rod in steel CK 45 chromium plated.

Seals in NBR and in polyurethane.

On request body in polished steel and internally chromium plated.

Bores 160-200-250-320 mm.



Available with ATEX certification.

BORE AND STROKES

BORE	Corsa																		
	25	50	75	80	100	125	150	160	200	250	300	350	400	500	600	700	800	1000	
32	x	x	x	x	x	x	x	x	x	x	x								
40	x	x	x	x	x	x	x	x	x	x	x	x	x						
50	x	x	x	x	x	x	x	x	x	x	x	x	x						
63	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
100		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
125		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
160		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
200		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
250		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
320		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

TECHNICAL FEATURES

Caps in aluminium light alloy die cast, truck bush of piston rod in steel covered by plastic resin self-lubricating (P.T.F.E.).



Group of end of stroke adjustable cushion composed by pin with triangular milling and fluctuating and self centre seal.



Seals in nitrile rubber anti oil and polyurethane.



Piston rod in steel C45 grounded and chromium plated.



TECHNICAL DATA

Maximum operating pressure: 10 bar.

Pressione massima

Fluid : filtered air with or without lubrication.

Fluido: aria filtrata

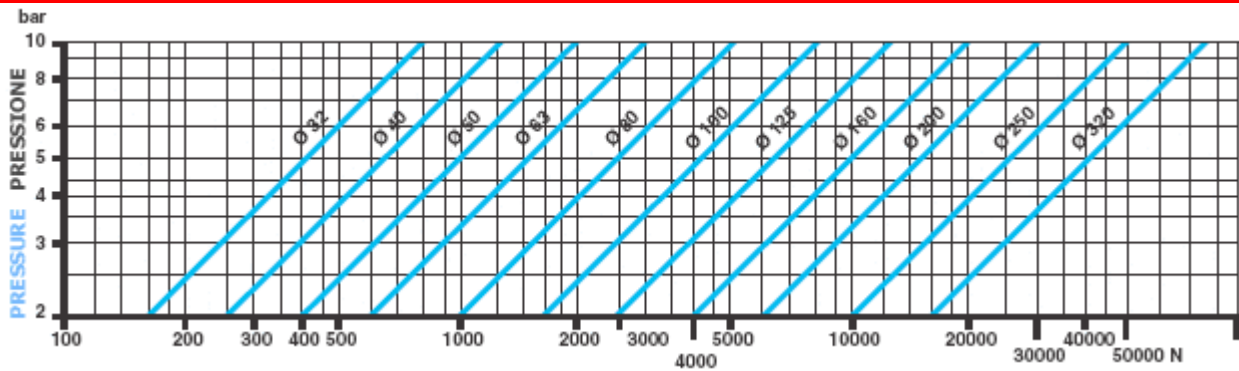
Temperature: -20°C ÷ +70°C

Temperatura: -20°C ÷ +70°C

MANUFACTURING VARIANTS

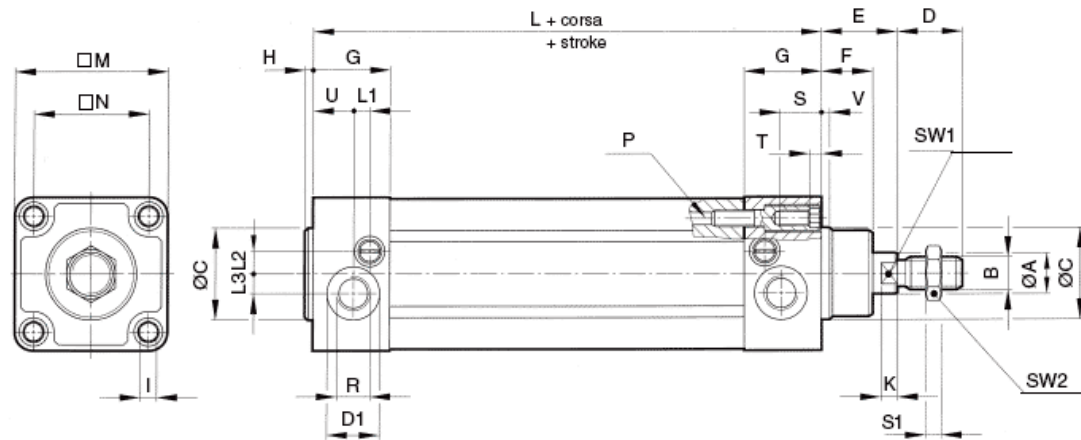
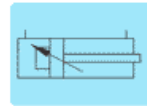
NX	Piston rod in stainless steel AISI 304 (X5CrNi1810) rolled.
AX	Piston rod in stainless steel AISI 304 (X5CrNi1810) rolled, tie-rods, nuts in stainless steel AISI 304.
HR	Piston rod in stainless steel AISI 304 (X5CrNi1810) rolled, tie-rods, nuts in stainless steel AISI 304, covering with epoxy dust-
AR	Low friction.
FKM	With all seals in Viton (FKM).
FKMS	With piston rod seal in Viton (FKM).

THRUST FORCES



DIMENSIONS

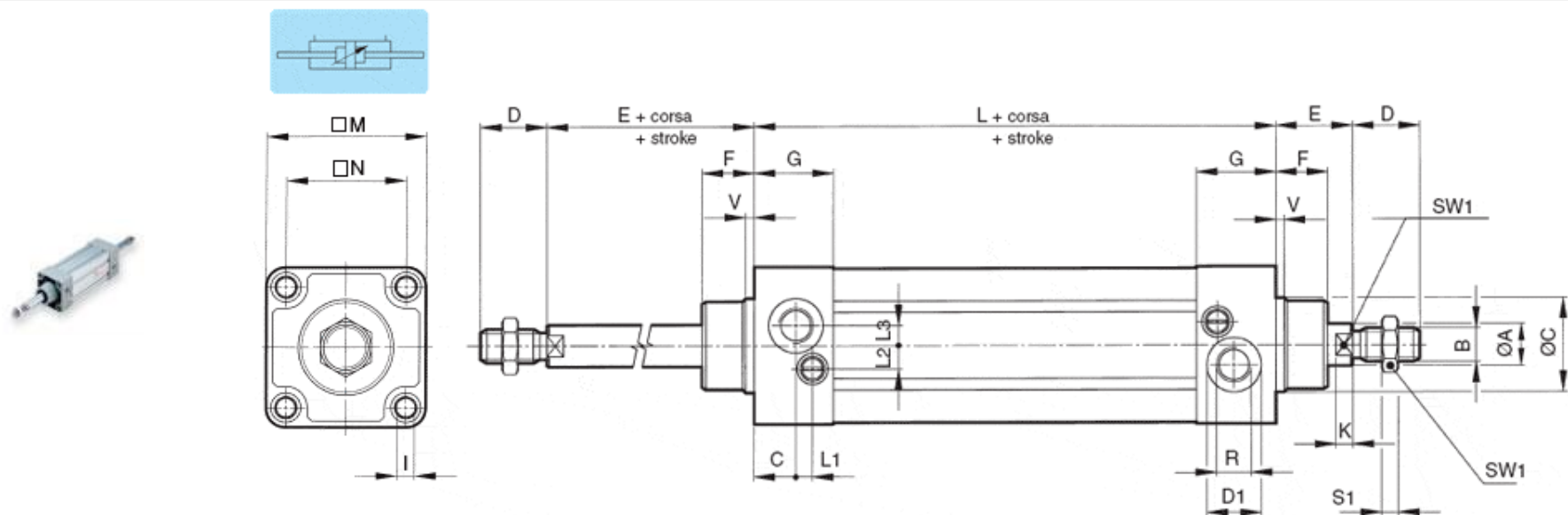
CX SERIES dimensions CX (from Ø 32 to Ø 125)



Bore	A f7	B	C e11	D	E	F	G	H	I	K	L	M	N	P	R	S	T	U	V	D1	L1	L2	L3	SW1	SW2	S1
32	12	M10X1,25	30	22	26	16	33	4	M6	6	94±0,4	47	32,5±0,5	M6	G1/8	16	5	14	4	15	11	4,5	5	10	17	5
40	16	M12X1,25	35	24	30	20	33.5	4	M6	6.5	105±0.7	52	38±0.5	M6	G1/4	16	5	15	4	19	10	7	6	13	19	6
50	20	M16X1.5	40	32	37	25	34	4	M8	8	106±0.7	65	46.5±0.6	M8	G1/4	16	6	15	4	19	10	7	6	16	24	8
63	20	M16X1.5	45	32	37	25	38	4	M8	8	121±0.8	75	56.5±0.7	M8	G3/8	16	6	20	4	23	8	12.5	9.5	16	24	8
80	25	M20X1.5	45	40	46	30	41.5	4	M10	10	128±0.8	95	72±0.7	M10	G3/8	16	6	20	4	23	8	13.5	9.5	21	30	10
100	25	M20X1.5	55	40	51	35	41.5	4	M10	10	138±1	115	89±0.7	M10	G1/2	16	6	25	4	27	6	17	12	21	30	10
125	32	M27X2	60	54	65	40	45	5	M12	13	160±1	140	110±1.1	M12	G1/2	20	8	30	5	27	3	17	12	27	41	13,5



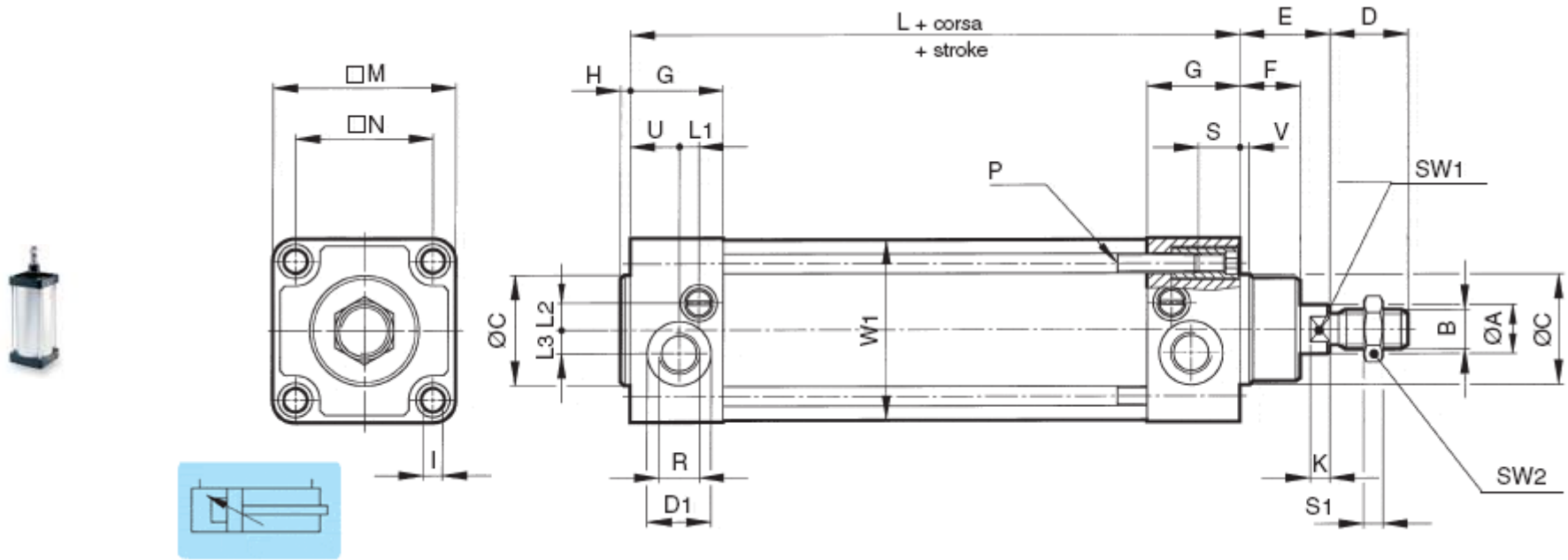
CXP SERIES dimensions CXP (from Ø 32 to Ø 125)



Bore mm.	A f7	B	C e11	D	E	F	G	H	I	K	L	M	N	P	R	S	T	U	V	D1	L1	L2	L3	SW1	SW2	S1
32	12	M10X1,25	30	22	26	16	33	4	M6	6	94±0,4	47	32,5±0,5	M6	G1/8	16	5	14	4	15	11	4,5	5	10	17	5
40	16	M12X1,25	35	24	30	20	33.5	4	M6	6.5	105±0.7	52	38±0.5	M6	G1/4	16	5	15	4	19	10	7	6	13	19	6
50	20	M16X1.5	40	32	37	25	34	4	M8	8	106±0.7	65	46.5±0.6	M8	G1/4	16	6	15	4	19	10	7	6	16	24	8
63	20	M16X1.5	45	32	37	25	38	4	M8	8	121±0.8	75	56.5±0.7	M8	G3/8	16	6	20	4	26	8	12.5	9.5	16	24	8
80	25	M20X1.5	45	40	46	30	41.5	4	10	10	128±0.8	95	72±0.7	M10	G3/8	16	6	20	4	26	8	13.5	9.5	21	30	10
100	25	M20X1.5	55	40	51	35	41.5	4	M10	10	138±1	115	89±0.7	M10	G1/2	16	6	25	4	30	6	17	12	21	30	10
125	32	M27X2	60	54	65	40	45	5	M12	13	160±1	140	110±1.1	M12	G1/2	20	8	30	5	30	3	17	12	27	41	1.5



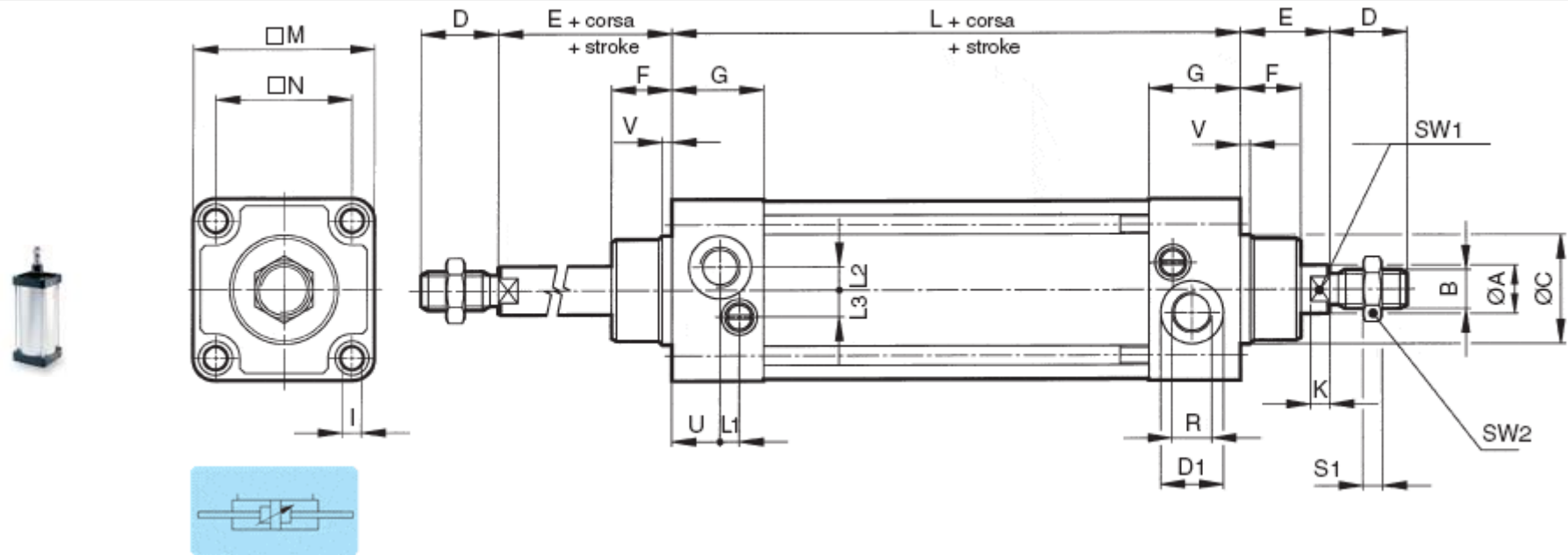
CD SERIES (from Ø 160 to Ø 320)



Bore mm.	A f7	B	C e11	D	E	F	G	H	I	K	L	M	N	P	R	S	T	U	V	W	W1	D1	L1	L2	L3	SW1	SW2	S1
160	40	M36X2	65	72	80	50	47.5	8	M16	16	180±1.1	180	140±1.1	M16	G3/4	21	-	27.5	50	170	170	38	4.5	20	15	36	55	18
200	40	M36X2	75	72	95	65	47.5	8	M16	16	180±1.6	220	175±1.1	M16	G3/4	21	-	27.5	25	210	210	38	4.5	20	15	36	55	18
250	50	M42X2	90	84	105	75	55	8	M20	20	200±1.6	270	220±1.5	M20	G1	30	-	31	2	262	262	40	-	37	-	46	65	21
320	63	M48X2	110	96	120	90	57	10	M24	24	220±1.6	345	270±1.5	M24	G1	30	-	31	17	336	336	40	-	37	-	55	75	24



CDP SERIES (from Ø 160 to Ø 320)

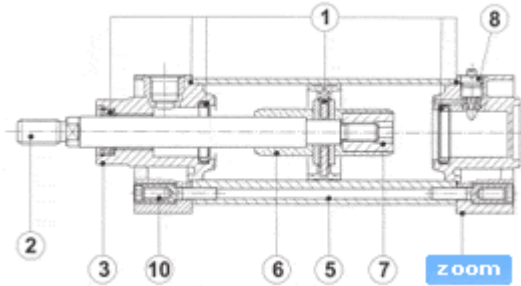


Bore mm.	A f7	B	C e11	D	E	F	G	H	I	K	L	M	N	P	R	S	T	U	V	W	W1	D1	L1	L2	L3	SW1	SW2	S1
160	40	M36X2	65	72	80	50	47.5	8	M16	16	180±1.1	180	140±1.1	M16	G3/4	21	-	27.5	50	170	170	38	4.5	20	15	36	55	18
200	40	M36X2	75	72	95	65	47.5	8	M16	16	180±1.6	220	175±1.1	M16	G3/4	21	-	27.5	25	210	210	38	4.5	20	15	36	55	18
250	50	M42X2	90	84	105	75	55	8	M20	20	200±1.6	270	220±1.5	M20	G1	30	-	31	2	262	262	40	-	37	-	46	65	21
320	63	M48X2	110	96	120	90	57	10	M24	24	220±1.6	345	270±1.5	M24	G1	30	-	31	17	336	336	40	-	37	-	55	75	24

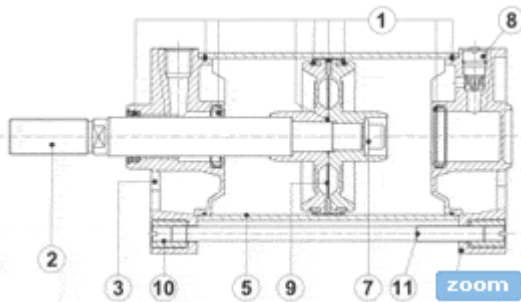


PNEUMATIC CYLINDERS: CYLINDERS ISO 15552 – spare parts/components

Bores from 32 to 125



Bores from 160 to 320



Bores from 125 to 320

ITEM	QUANTITY (each cilinder)	Model	DESCRIPTION
1	1	SG	Seals
2	1	ST	Piston rod
3	1	TA	Rend end cap
4	1	TP	Rear end cap
5	1	CM	Barrel
6	2	OG	Ogive
7	1	GD	Ring nut or screw nut
8	2	DC	Cushioning group
9	1	PT	Piston rod
10	4	TR	Tie rod (for bores 160 and 200 only)
11	4	VT	Bolt for caps fixins
12	1	DS	Piston rod nut

