

CMT#N / CMT#L

SPRING RETURN PULLING CYLINDERS IN STEEL AND ALUMINIUM

FEATURES

Series in steel / CMT###N###

They are threaded on the body, on the rod and in the base to mount the proper Accessories.
The internal and external nitriding treatment gives them a proper resistance to wear and corrosion.

Series in steel aluminium / CMT###L###

Manufactured totally in aluminium (except the rod and the eyelets) these cylinders are characterized by their superficial anodizing treatment.
They are equipped with a bellow in order to protect the rod, and from 30 tonne models they are also equipped with handles to ease their transport.

OPERATIONAL AREAS

Series in steel / CMT###N###

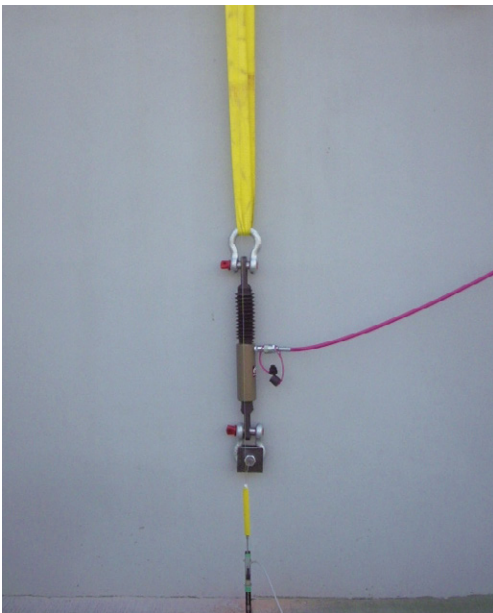
Their use is suggested in situations where it is necessary to close small masses in assemblies, in buildings and in laboratories to test the resistance of materials.

Series in steel aluminium / CMT###L###

They are especially used in ship buildings and in steel structural works to pull together plates, or prefabricated parts which have to be welded together.

ACCESSORIES

- **ZAS set of eyelets** for series N cylinders.

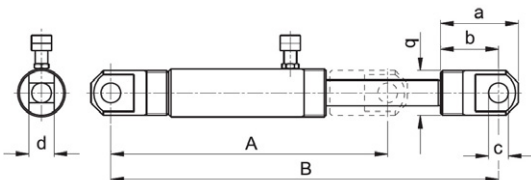


The **CMT** cylinders accompanied with the **PN** pumps form a handy, simple and efficient set.

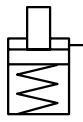


It's important to drop the pressure inside the cylinder before disconnecting the quick coupler to avoid problems if re-inserting or lowering the load. In case some pressure persists it is possible to use the apposite tool **KST38**.

ACCESSORIES ZAS EYELETS SET



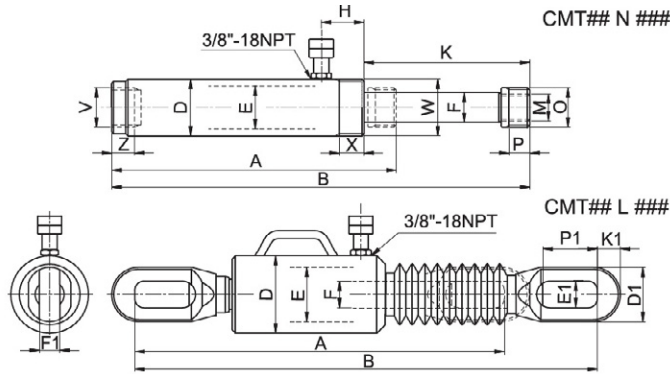
For use with	MODEL	A mm	B mm	a mm	b mm	c mm	d mm	q mm
CMT2N127	ZAS2	290	417	62	46	16	16	M35x1,5
CMT5N140	ZAS5	403	543	98	73	25	32	M56x2
CMT10N150	ZAS10	394	544					



● FORCE	2 - 60 t
● STROKE	127 - 150 mm
● MAX WORKING PRESSURE	700 bar

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PULLING CYLINDERS IN STEEL AND ALUMINIUM SPRING RETURN



STEEL CYLINDERS SELECTION CHART

PUSHING FORCE t* kN	STROKE mm	EFFECTIVE AREA cm ²	OIL VOLUME cm ³	MODEL	CLOSED HEIGHT	EXTENDED HEIGHT	Ø EXTERNAL	Ø PISTON	Ø ROD	COUPLER DISTANCE	ROD PROJECTION	ROD THREAD	SADDLE THREAD	SADDLE THREAD LENGHT	INTERNAL BASE THREAD	INTERNAL BASE THREAD LENGHT	BODY THREAD THREAD LENGHT	WEIGHT
					A mm	B mm	D mm	E mm	F mm	H mm	K mm	M mm	O mm	P mm	V mm	Z mm	W / X mm	kg
2 22,9	127	3.3	41	CMT2N127	244	371	48	30	22	39	155	M18x1,5	3/4" NPT	18	3/4" NPT	20	M40x1,5 20	2.9
5 55	140	7.9	110	CMT5N140	301	441	60	45	32	45	175	M30x2	1 1/4" NPT	22	1 1/4" NPT	24	M60x1,5 26	4.9
10 110	150	15.7	236	CMT10N150	302	452	80	55	32	39	189	M30x2	-	30	M30x2	24	M80x2 20	8

* Nominal value, see kN for the exact force.

ALUMINIUM CYLINDERS SELECTION CHART

PUSHING FORCE t* kN	STROKE mm	EFFECTIVE AREA cm ²	OIL VOLUME cm ³	MODEL	CLOSED HEIGHT	EXTENDED HEIGHT	Ø EXTERNAL	Ø PISTON	Ø ROD	EYELET WIDTHO	SLIT WIDTH	EYELET THICKNESS	EYELET TOP THICKNESS	SLIT LENGTH	WEIGHT
					A mm	B mm	D mm	E mm	F mm	D1 mm	E1 mm	F1 mm	K1 mm	P1 mm	kg
10 110	150	15.7	236	CMT10L150	526	676	75	55	32	53	32	20	20	100	4.4
30 334		47.7	716	CMT30L150	624	774	128	90	45	80	44	32	32	100	13.2
60 559		79.9	1199	CMT60L150	734	884	168	120	65	107	61	50	40	140	33.5

* Nominal value, see kN for the exact force.

MODEL CODING

CMT	10	N	###
Series	Pushing Force in t	N = steel L = aluminium	Stroke in mm