



Airwork's compact cylinders of CM series complies ISO 21287 norms and are particularly suitable for the use in small spaces thanks to their reduced dimensions, and can grant at the same time excellent characteristics of stability. The available bores are comprised between 16 e 100, and the fixing position to the ISO norms.

Le vérin compact ISO 21287 AIRWORK type CM est parfaitement adapté pour des espaces réduits, sa qualité et ses composants assurent une très bonne stabilité. Les diamètres de 16 à 100 et une large gamme de fixations ISO

I cilindri compatti Airwork sono, grazie alla loro compattezza, particolarmente adatti per impieghi in piccoli spazi. Questi cilindri grazie al loro tipo di costruzione, garantiscono buone caratteristiche di stabilità. Gli alesaggi sono compresi tra 16 e 100 e hanno interassi di fissaggio a normativa ISO.

ORDERING CODE / CODIFICATION / CHIAVE DI CODIFICA

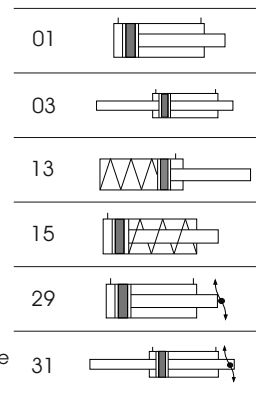
CM 00 1 0,000,000

- Stroke / Course / Corsa
- Ø cylinder / Ø vérin / Ø cilindro
- 1 =female rod / tige femelle / stelo femmina
- 2 =male rod // tige male / stelo maschio

VERSION - VERSION - VERSIONE

- 01 =double acting magnetic / double effet magnétique / doppio effetto magnetico
- 03 =double acting magnetic through rod / double effet tige traversante mag. / doppio effetto mag. stelo passante
- 13 =single acting magnetic rear spring / simple effet magnétique tige rentrée / semplice effetto magnetico molla post.
- 15 =single acting magnetic front spring/ simple effet magnétique tige sortie / semplice effetto magnetico molla ant.
- 29 =double acting magnetic non rotating device / double effet magnétique anti-rotation / d.e.magnetico anti-rotazione
- 31 =double acting magnetic non rotating device through rod / double effet magnétique anti-rotation tige traversante / doppio effetto magnetico anti-rotazione stelo passante

VERSION - VERSION - VERSIONE

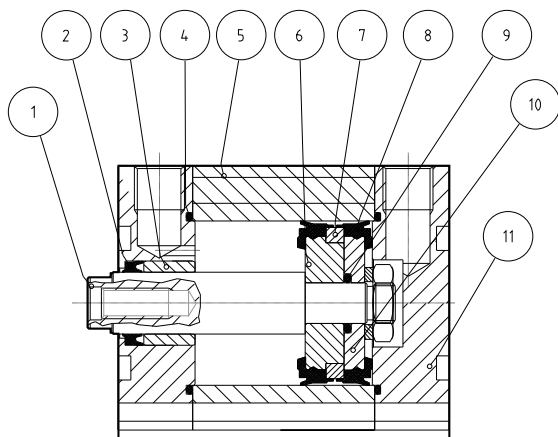


For special versions, please contact our sales department.
Pour des versions spéciales, nous consulter.
Per versioni speciali, contattare in nostro ufficio commerciale.

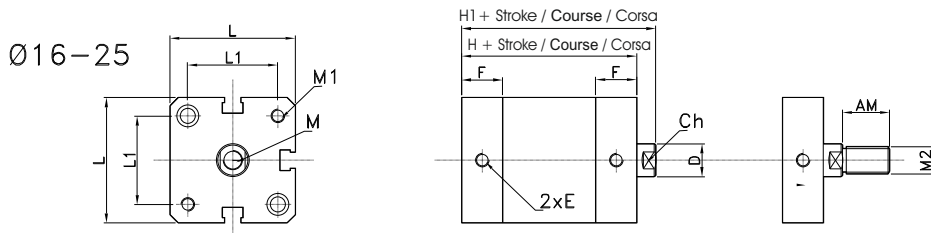
TECHNICAL DATA / DONNÉES TECHNIQUES / DATI TECNICI

Sizes / Alésage / Alesaggi	Ø16-20-25-32-40-50-63-80-100
Standard strokes / Course standard / Corse standard	mm 5-10-15-20-25-30-40-50-60-70-80-90-100-125-160-200-250
Fluid / Fluide / Fluido	Lubricated or non lubricated air / Air lubrifié ou non / Aria con o senza lubrificazione
Operating temperature range / Température d'utilisation / Temperatura di esercizio	-20C° / +80C°
Max operating pressure / Pression max d'utilisation / Pressione massima di esercizio	10 bar
Force / Force / Forze sviluppate	Technical informations page / Page informations techniques / Pagina dati tecnici
Air consumption / Consommation d'air / Consumo aria	Technical informations page / Page informations techniques / Pagina dati tecnici

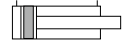
COMPONENTS / COMPOSANTS / COMPONENTI



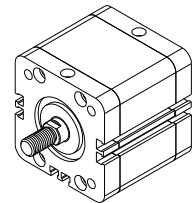
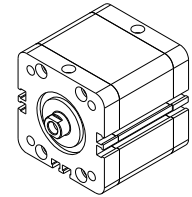
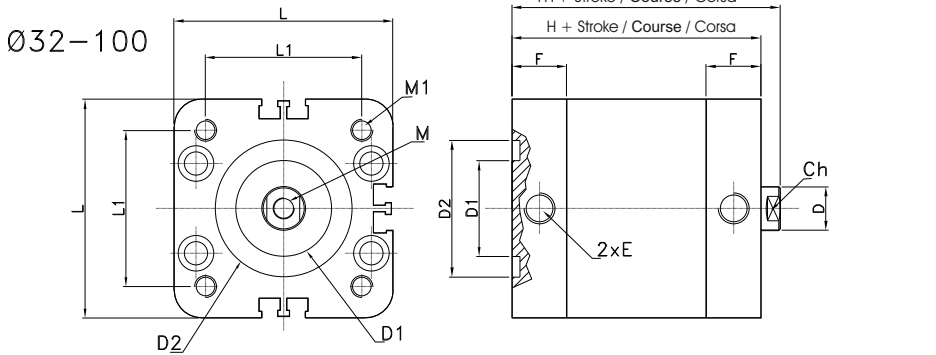
pos.	description / description / descrizione	material / matériel / materiale
1	rod / tige / stelo	steel C40 chromed / acier C40 chromé / acciaio C40 cromato
2	rod seal / joint de tige / guarnizione stelo	polyurethane / polyuréthane / poliuretano
3	guide bush / bague guidage / bussola guida	bronze / bronze / bronzo
4	o-ring / joint torique	NBR
5	tube / tube / tubo	alluminio / aluminium / alluminio
6	piston / piston / pistone	alluminio / aluminium / alluminio
7	magnet / aimant / magnete	plastroferrite
8	seal piston / joint piston / guarnizione pist.	polyurethane / polyuréthane / poliuretano
9	o-ring / joint torique	NBR
10	piston / piston / pistone	alluminio / aluminium / alluminio
11	cap / nez avant / testata	alluminio / aluminium / alluminio



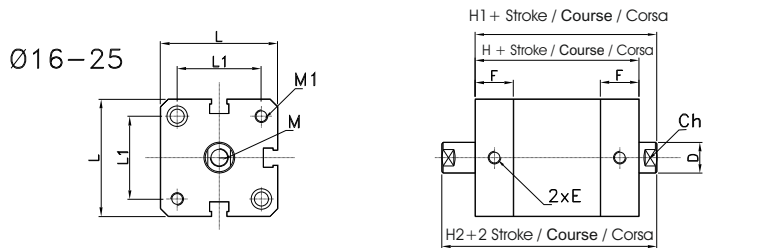
CODE: CM0111.Ø.mm



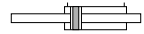
Double acting magnetic
Double effet magnétique
Doppio effetto magnetico



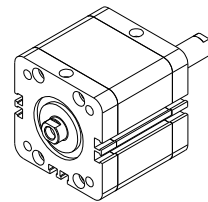
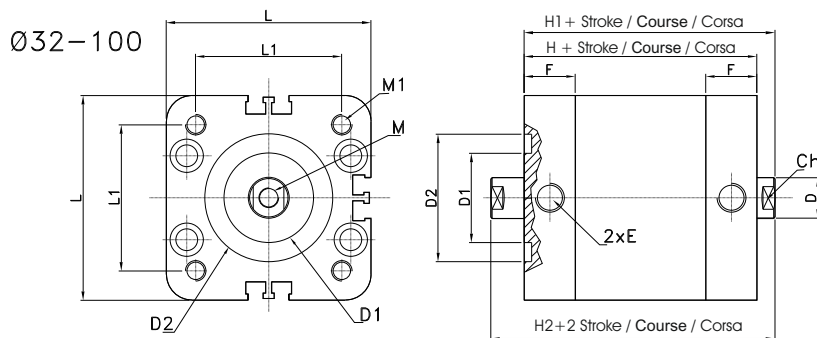
Ø	D ø	D1 ø	D2 ø	E	F	H	H1	L	L1	M	M1	M2	AM	Ch
16	8	-	-	M5	11	35	40	29	18	M4	M4	M6	12	7
20	10	-	-	M5	12	37	43	35.5	22	M6	M5	M8	16	9
25	10	-	-	M5	12	39	45	39.5	26	M6	M5	M8	16	9
32	12	20.5	30	G1/8	15	45	50	47.5	32.5	M8	M6	M10x1.25	19	10
40	12	25.5	35	G1/8	14.5	45	51	56.5	38	M8	M6	M10x1.25	19	10
50	16	30.5	40	G1/8	14.5	45	53	66.5	46.5	M10	M8	M12x1.25	22	13
63	16	35	45	G1/8	14.5	50	57	79.5	56.5	M10	M8	M12x1.25	22	13
80	20	35	45	G1/8	16	55	63	100	72	M12	M10	M16x1.5	28	17
100	20	45	55	G1/4	19.5	67	76	120	89	M12	M10	M16x1.5	28	17



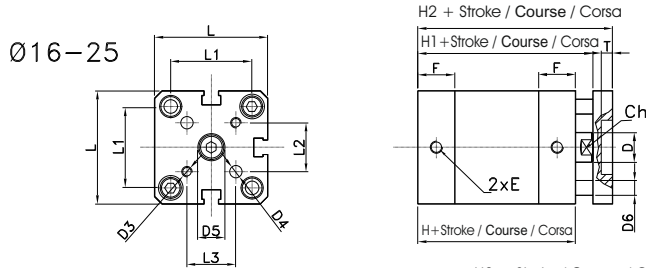
CODE: CM0311.Ø.mm



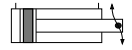
Double acting magnetic through rod
Double effet magnétique tige traversante
Doppio effetto magnetico stelo passante



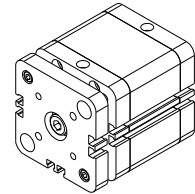
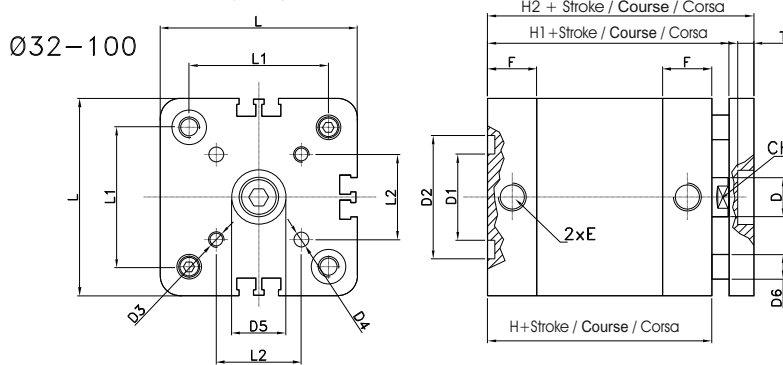
Ø	D ø	D1 ø	D2 ø	E	F	H	H1	H2	L	L1	M	M1	Ch
16	8	-	-	M5	11	35	40	45	29	18	M4	M4	7
20	10	-	-	M5	12	37	43	49	35.5	22	M6	M5	9
25	10	-	-	M5	12	39	45	51	39.5	26	M6	M5	9
32	12	20.5	30	G1/8	15	45	50	55	47.5	32.5	M8	M6	10
40	12	25.5	35	G1/8	14.5	45	51	57	56.5	38	M8	M6	10
50	16	30.5	40	G1/8	14.5	45	53	61	66.5	46.5	M10	M8	13
63	16	35	45	G1/8	14.5	50	57	64	79.5	56.5	M10	M8	13
80	20	35	45	G1/8	16	55	63	71	100	72	M12	M10	17
100	20	45	55	G1/4	19.5	67	76	85	120	89	M12	M10	17



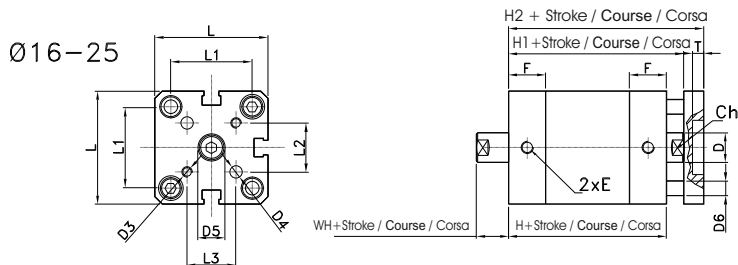
CODE: CM291.Ø.mm



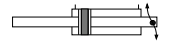
Double acting magnetic non rotating device
Double effet magnétique anti-rotation
Doppio effetto magnetico anti-rotazione



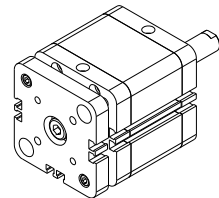
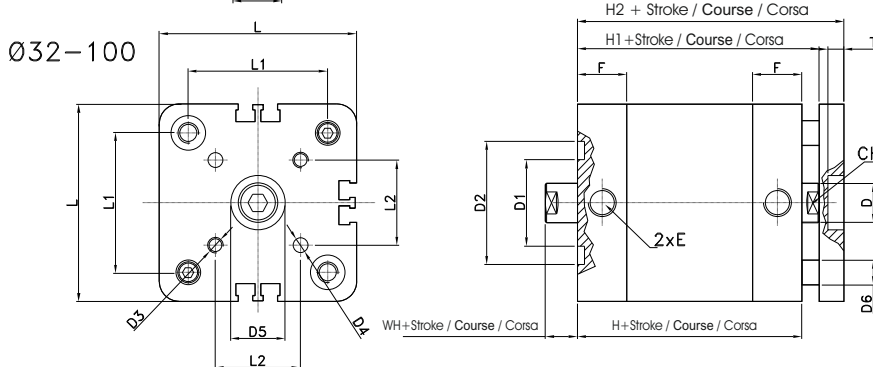
Ø	D	D1	D2	D3	D4	D5	D6	E	F	H	H1	H2	L	L1	L2	T	Ch
16	8	-	-	M4	4	11	5	M5	11	35	40	48	29	18	10	5	7
20	10	-	-	M4	4	11	5	M5	12	37	43	51	35.5	22	12	5	9
25	10	-	-	M4	5	14	6	M5	12	39	45	53	39.5	26	15.6	5	9
32	12	20.5	30	M5	5	17	6	G1/8	15	45	50	60	47.5	32.5	19.8	6.5	10
40	12	25.5	35	M5	5	17	8	G1/8	14.5	45	51	61	56.5	38	23.3	6.5	10
50	16	30.5	40	M6	6	22	10	G1/8	14.5	45	53	65	66.5	46.5	29.7	7.5	13
63	16	35	45	M6	6	22	10	G1/8	14.5	50	57	69	79.5	56.5	35.4	7.5	13
80	20	35	45	M8	8	28	14	G1/8	16	55	63	77	100	72	46	9	17
100	20	45	55	M10	10	30	14	G1/4	19.5	67	76	90	120	89	56.5	10	17



CODE: CM311.Ø.mm

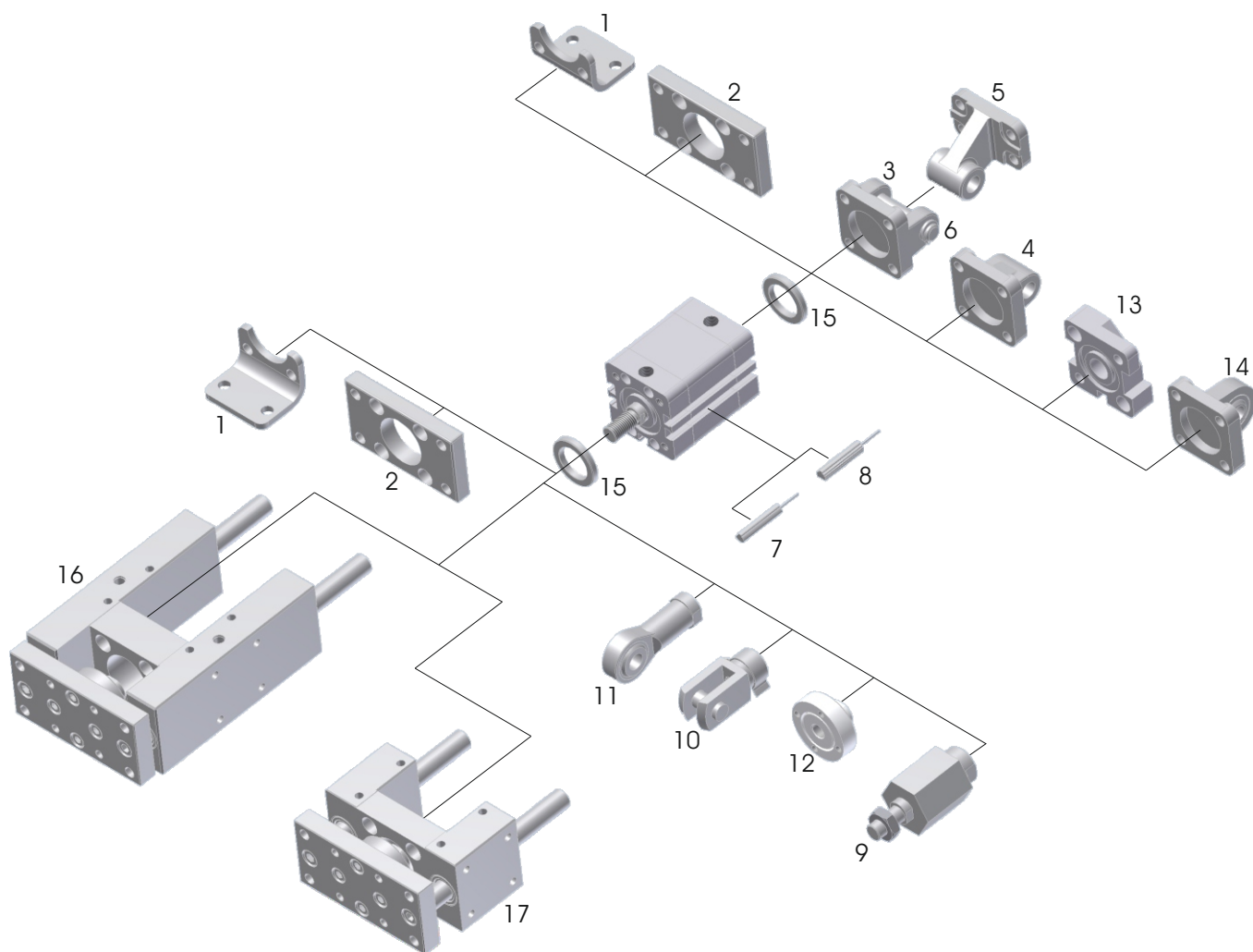


D.a. mag.non rotating device through rod
D.e. magnétique anti-rotation tige traversante
D.e. mag.anti-rotazione stelo passante



Ø	D	D1	D2	D3	D4	D5	D6	E	F	H	H1	H2	L	L1	L2	T	WH	Ch
16	8	-	-	M4	4	9	5	M5	11	35	40	48	29	18	10	5	5	7
20	10	-	-	M4	4	11	5	M5	12	37	43	51	35.5	22	12	5	6	9
25	10	-	-	M4	5	14	6	M5	12	39	45	53	39.5	26	15.6	5	6	9
32	12	20.5	30	M5	5	17	6	G1/8	15	45	50	60	47.5	32.5	19.8	6.5	5	10
40	12	25.5	35	M5	5	17	8	G1/8	14.5	45	51	61	56.5	38	23.3	6.5	6	10
50	16	30.5	40	M6	6	22	10	G1/8	14.5	45	53	65	66.5	46.5	29.7	7.5	8	13
63	16	35	45	M6	6	22	10	G1/8	14.5	50	57	69	79.5	56.5	35.4	7.5	7	13
80	20	35	45	M8	8	28	14	G1/8	16	55	63	77	100	72	46	9	8	17
100	20	45	55	M10	10	30	14	G1/4	19.5	67	76	90	120	89	56.5	10	9	17

MOUNTING ACCESSORIES / ACCESSOIRES DE MONTAGE / MONTAGGIO ACCESSORI



1	AR4152...	Pedestal / Equerre / Piedino
2	AR4151...	Flange / Bride / Flangia /
3	AR4147...	Female hinge / Chape arrière femelle / Cerniera femmina
4	AR4149...	Male hinge / Chape arrière male / Cerniera maschio
5	AR4156...	Square joint / Chape arrière d'equerre / Articolazione a squadra
6	AR4150...	Pivot for Hinge / Axe de chape arrière / Perno per cerniera
7	AR4019...	Oval switch / Capteur oval / Sensore ovale
8	AR4023...	T switch / Capteur forme T / Sensore a T
9	AR406...	Self-aligning joint / Chape auto-allignante / Giunto autoallineante
10	AR406...	Yoke / Chape femelle de tige / forcella
11	AR406...	Rod ends / Chape rotulée de tige / Testa a snodo
12	KU0017...	Floating joint / Guide flottant / Giunto flottante
13	AR43976...	Plate for tandem / Plaque pour tandem / Piastra coll.per tandem
14	AR4226...	Male hinge with articulated head / Chape male arrière rotulée / Cerniera maschio con testa snodata
15	AR43977...	Centring ring for fixing / Anneau de centrage / Anello di centraggio
16	UG2014....	Guide unit H type / Unite de guidage en H / Unità guida ad H
17	UG2008...	Guide unit U type / Unite de guidage en U / Unità guida ad U