

MINICILINDRI ISO 6432 ISO 6432 MINICYLINDERS

Versioni disponibili - Available versions

CSE - CSEM - CSET - CSEMT - CDE - CDEM - CDEP - CDEMP
CDEA - CDEMA - CDEAP - CDEMAP



Cilindri costruiti a norma ISO6432
Altamente resistenti con testate cianfrinate
Fornito con dado testata e dado sullo stelo
Esecuzione magnetica e non, ammortizzata e non
Disponibile anche a semplice effetto.
Vasta scelta di accessori di fissaggio

ISO 6432 cylinders

Highly resistant with crimped covers
Supplied with cover and piston rod nut
Magnetic and non-magnetic version
Available also single-acting
Wide range of mountings

Informazioni Tecniche Technical Information

Testate Covers	Alluminio anodizzato Anodized Aluminium
Tubo Tube	Acciaio inox AISI304 AISI304 Stainless steel
Pistone Piston	Ottone Brass
Guarnizioni Seals	ø8-10-12 poliuretano e NBR ø16-20-25 poliuretano ø8-10-12 polyurethane e NBR ø16-20-25 polyurethane
Boccola Bush	Bronzo sinterizzato Sintered bronze
Stelo Piston rod	Acciaio inox AISI303 AISI303 Stainless steel
Pressione MAX MAX pressure	10 bar
Temperatura di impiego Temperature	ø8-10-12 -20°C +80°C con aria secca -20°C +80°C with dry air ø16-20-25 -35°C +80°C con aria secca -35°C +80°C with dry air
Fluido Working fluid	Aria compressa filtrata e lubrifi- cata e non Filtered and lubricated or not compressed air

Corse standard Standard strokes

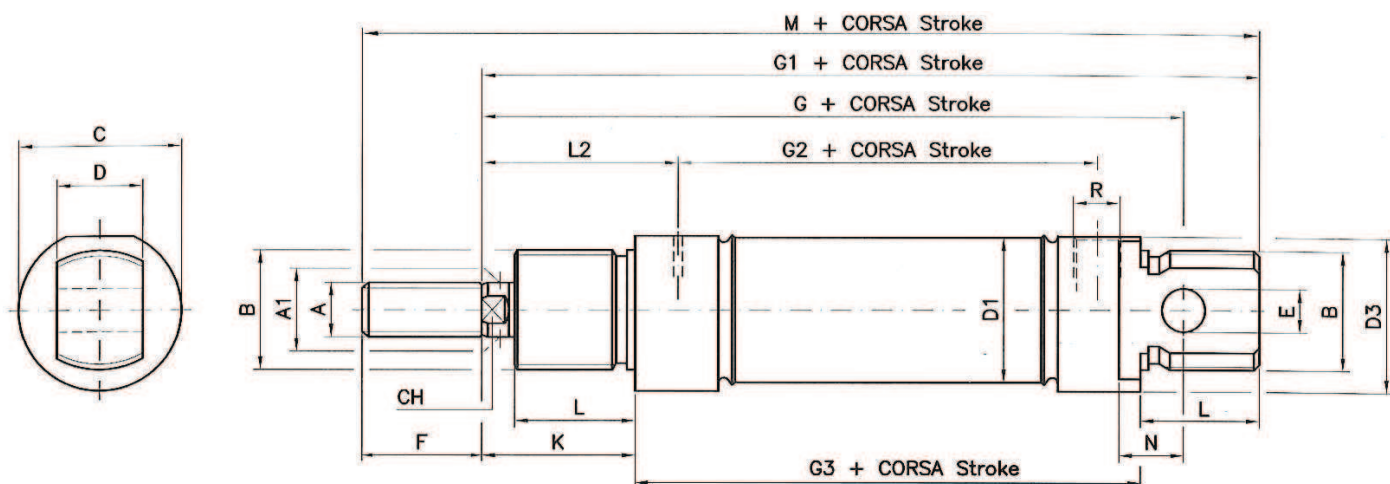
Ø (mm)	Corse standard (mm) Standard strokes (mm)
8	10-25-40-50-80-100
10	10-25-40-50-80-100
12	10-25-40-50-80-100-125-160-200
16	10-25-40-50-80-100-125-160-200
20	10-25-40-50-80-100-125-160-200-250-300-320
25	10-25-40-50-80-100-125-160-200-250-300-320-400-500
DOPPIO EFFETTO DOUBLE ACTING	

Ø (mm)	Corse standard (mm) Standard strokes (mm)
8	10-25-50
10	10-25-50
12	10-25-50
16	10-25-50
20	10-25-50
25	10-25-50
SEMPLICE EFFETTO SINGLE ACTING	

Accessori Accessories

Ømm	Cerniera Hinge	Flangia Flange	Piedino Foot	Forcella Clevis	Testa a snodo Rod end	Dado asta Piston rod nut	Dado testata Cover nut
8	AFO08/10	AF08/10	AP08/10	FORM4ISO	TSNDM4X0.7	ANA08/10	ANA40B
10	AFO08/10	AF08/10	AP08/10	FORM4ISO	TSNDM4X0.7	ANA08/10	ANA40B
12	AFO12/16	AF12/16	AP12/16	FORM6ISO	TSNDM6X1	ANA12/16	ANT12/16
16	AFO12/16	AF12/16	AP12/16	FORM6ISO	TSNDM6X1	ANA12/16	ANT12/16
20	AFO20/25	AF20/25	AP20/25	FORM8ISO	TSNDM8X1.25	ANA20	ANT20/25
25	AFO20/25	AF20/25	AP20/25	FORM10ISO	TSNDM10X1.25	ANA25	ANT20/25
	pag. 126	pag. 126	pag. 126	pag. 120	pag. 120	pag. 119	pag. 119

CSEØ/... CSEMØ/...



DIMENSIONI DIMENSIONS

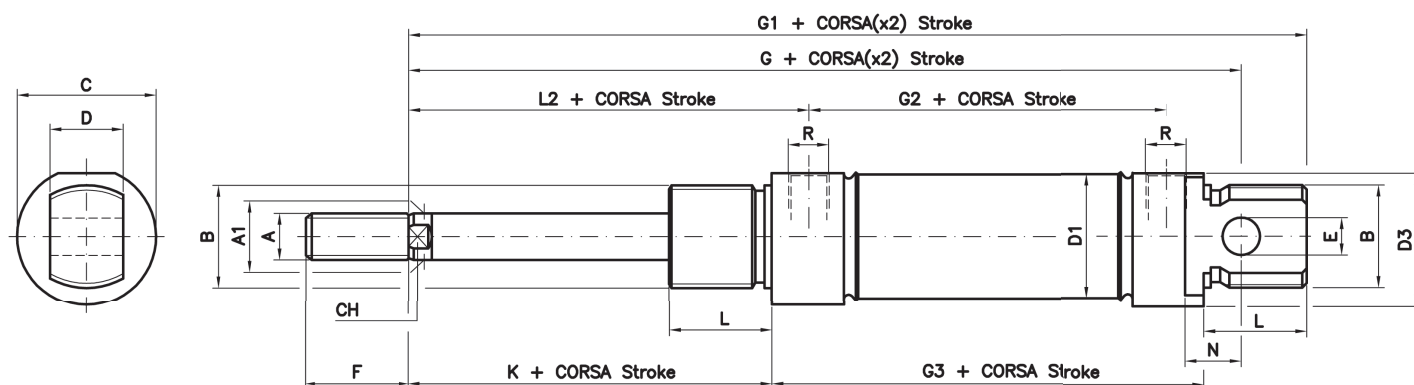
Ø mm	A	A1	B	C	D	D1	D3	E	F	G	G1	G2	G3	K	L	L2	N	CH	R	M
8	M4	4	M12x1.25	16	8	9.27	15	4	12	64	74	36	46	16	12	21	6	/	M5	86
10	M4	4	M12x1.25	16	8	11.27	15	4	12	64	74	36	46	16	12	21	6	/	M5	86
12	M6	6	M16x1.5	19	12	13.27	18	6	16	75	88	38	48	22	18	27	9	5	M5	104
16	M6	6	M16x1.5	19	12	17.27	18	6	16	82	93	43	53	22	18	27	9	5	M5	109
20	M8	8	M22x1.5	27	16	21.27	25.5	8	20	95	111	51.5	67	24	20	32	12	7	1/8"G	131
25	M10x1.25	10	M22x1.5	30	16	26.5	28.5	8	22	104	118	52	68	28	22	36	12	9	1/8"G	140

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)					
		CORSA/STROKE 10		CORSA/STROKE 25		CORSA/STROKE 50	
		F1	F2	F1	F2	F1	F2
8	19	4.5	5.2	3.9	5.2	2.5	5.2
10	36	4.5	5.2	3.9	5.2	2.5	5.2
12	49	5.7	6	5.1	6	4.1	6
16	87.5	15	17.5	11.5	17.5	5.3	17.5
20	141.5	21.3	23.5	18	23.5	12.5	23.5
25	246.5	18.2	19.5	16.2	19.5	12.9	19.5

SEMPLICE EFFETTO MOLLA POSTERIORE Ø8-25 SINGLE ACTING EXTENDED PISTON ROD Ø8-25

CSETØ/... CSEMTØ/...



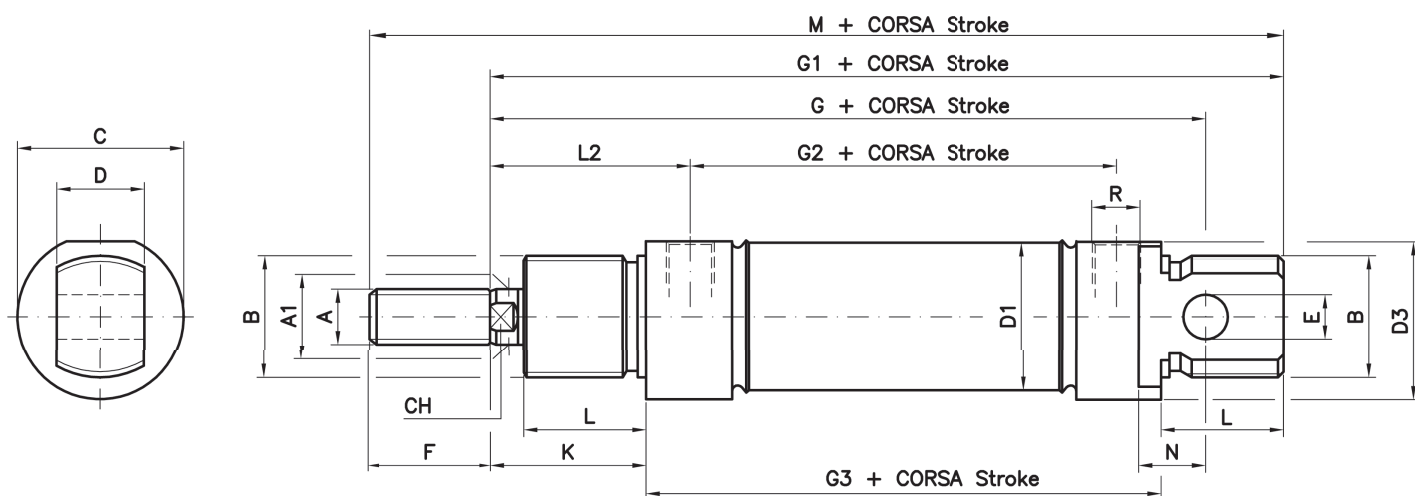
DIMENSIONI DIMENSIONS

Ø mm	A	A1	B	C	D	D1	D3	E	F	G	G1	G2	G3	K	L	L2	N	CH	R	M
8	M4	4	M12x1.25	16	8	9.27	15	4	12	82	92	54	64	16	12	21	6	/	M5	86
10	M4	4	M12x1.25	16	8	11.27	15	4	12	89.5	99.5	61.5	71.5	16	12	21	6	/	M5	86
12	M6	6	M16x1.5	19	12	13.27	18	6	16	97.5	110.5	60.5	70.5	22	18	27	9	5	M5	104
16	M6	6	M16x1.5	19	12	17.27	18	6	16	111	122	73	82	22	18	27	9	5	M5	109
20	M8	8	M22x1.5	27	16	21.27	25.5	8	20	126.5	142.5	83	98.5	24	20	32	12	7	1/8"G	131
25	M10x1.25	10	M22x1.5	30	16	26.5	28.5	8	22	135.5	149.5	83.5	99.5	28	22	36	12	9	1/8"G	140

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI TRAZIONE (N) TRACTION FORCE (N)	FORZA DI SPINTA (N) THRUST FORCE (N)					
		CORSA/STROKE 10		CORSA/STROKE 25		CORSA/STROKE 50	
		F1	F2	F1	F2	F1	F2
8	19.8	4.7	5.2	4.1	5.2	3	5.2
10	34.2	4.3	5.4	2.8	5.4	-	-
12	38.7	11.1	12.1	9.7	12.1	7.3	12.1
16	86	16.2	17.6	14	17.6	10.2	17.6
20	107.3	47.3	51	41.8	51	32.5	51
25	221.3	24.2	26	21.5	26	16.9	26

CDEØ/... CDEMØ/...



DIMENSIONI DIMENSIONS

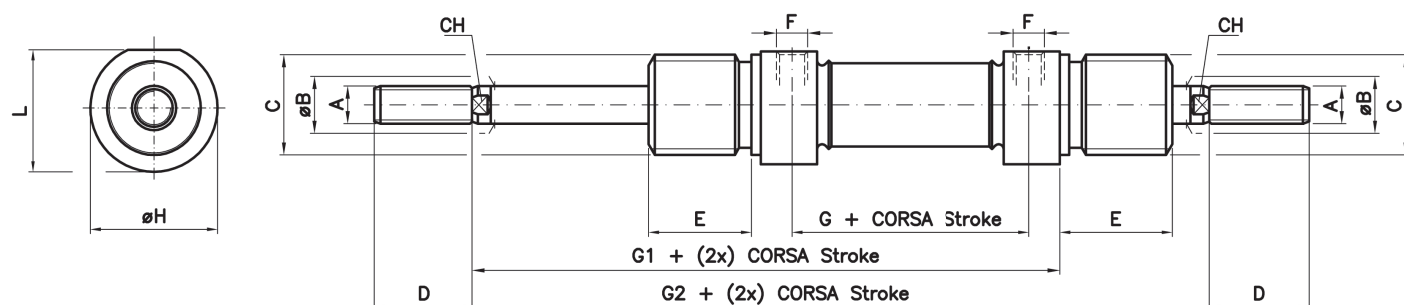
Ø mm	A	A1	B	C	D	D1	D3	E	F	G	G1	G2	G3	K	L	L2	N	CH	R	M
8	M4	4	M12x1.25	16	8	9.27	15	4	12	64	74	36	46	16	12	21	6	/	M5	86
10	M4	4	M12x1.25	16	8	11.27	15	4	12	64	74	36	46	16	12	21	6	/	M5	86
12	M6	6	M16x1.5	19	12	13.27	18	6	16	75	88	38	48	22	18	27	9	5	M5	104
16	M6	6	M16x1.5	19	12	17.27	18	6	16	82	93	44	53	22	18	27	9	5	M5	109
20	M8	8	M22x1.5	27	16	21.27	25.5	8	20	95	111	51.5	67	24	20	32	12	7	1/8"G	131
25	M10x1.25	10	M22x1.5	30	16	26.5	28.5	8	22	104	118	52	68	28	22	36	12	9	1/8"G	140

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
8	24	15
10	41	32
12	55	38
16	105	88
20	165	141
25	266	219

DOPPIO EFFETTO STELO PASSANTE Ø8-25 DOUBLE ACTING THROUGH PISTON ROD Ø8-25

CDEPØ/... CDEMPØ/...



Ø 8-10-12 non disponibili in versione magnetica
Ø 8-10-12 not available in magnetic version

DIMENSIONI DIMENSIONS

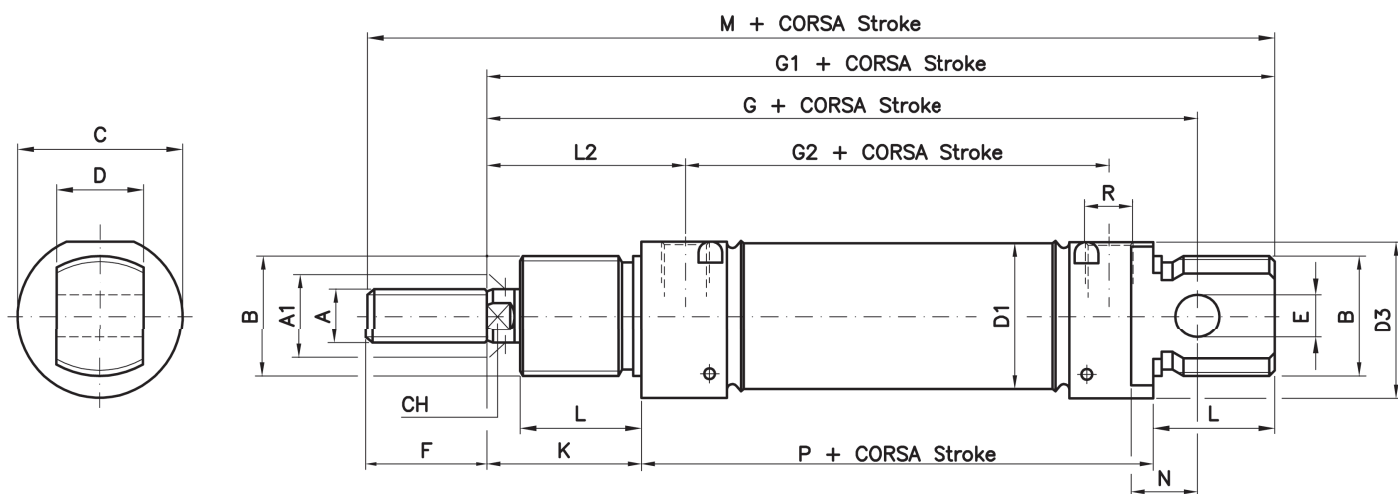
Ø mm	A	ØB	C	D	E	F	G	G1	G2	ØH	L	CH
8	M4	4	M12x1.25	12	12	M5	36	62	78	16	15	/
10	M4	4	M12x1.25	12	12	M5	36	62	78	16	15	/
12	M6	6	M16x1.5	16	18	M5	38	70	92	19	18	5
16	M6	6	M16x1.5	16	18	M5	44	75	97	19	18	5
20	M8	8	M22x1.5	20	20	1/8"G	51.5	91	115	27	25.5	7
25	M10x1.25	10	M22x1.5	22	22	1/8"G	52	96	124	30	28.5	9

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
8	15	15
10	32	32
12	38	38
16	88	88
20	141	141
25	219	219

CDEAØ/...

CDEMAØ/...



DIMENSIONI DIMENSIONS

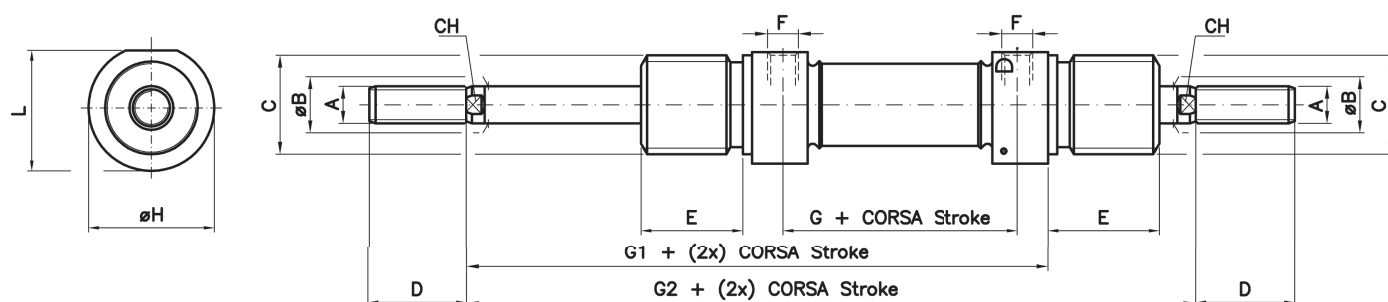
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16	M6	6	M16x1.5	21	12	17.27	20	6	16	82	93	44	22	17	26.5	9	5	M5	55	109
20	M8	8	M22x1.5	27	16	21.27	25.5	8	20	95	111	51	24	20	32	12	7	1/8"G	67	131
25	M10x1.25	10	M22x1.5	30	16	26.5	28.5	8	22	104	118	52	28	22	36	12	9	1/8"G	68	140

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
16	105	88
20	165	141
25	266	219

DOPPIO EFFETTO AMMORTIZZATO STELO PASSANTE Ø16-25 DOUBLE ACTING CUSHIONED THROUGH PISTON ROD Ø16-25

CDEAPØ/... CDEMAPØ/...



DIMENSIONI DIMENSIONS

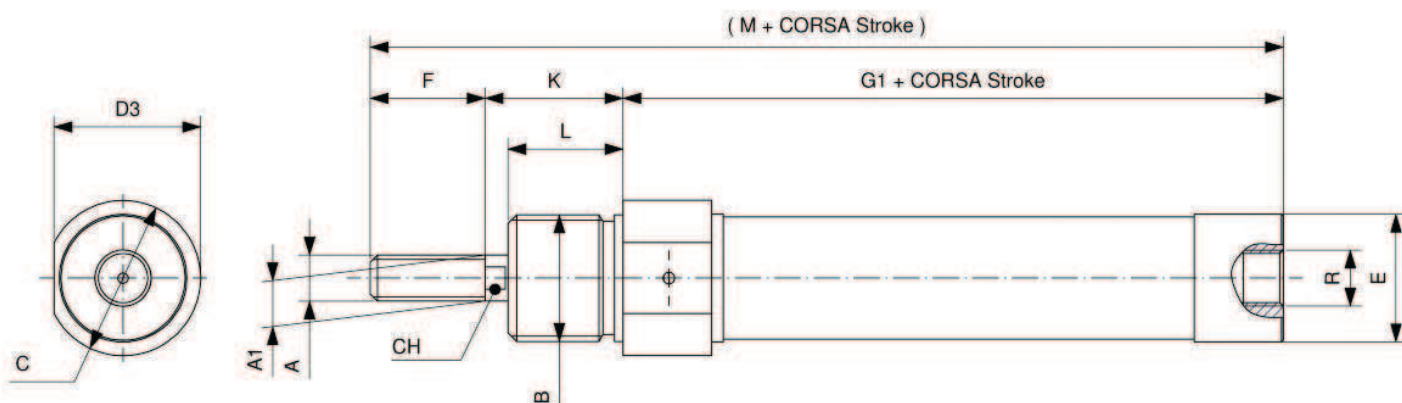
Ø mm	A	øB	C	D	E	F	G	G1	G2	øH	L	CH
16	M6	6	M16x1.5	16	18	M5	44	76	97	19	18	5
20	M8	8	M22x1.5	20	20	1/8"G	51.5	91	115	27	25.5	7
25	M10x1.25	10	M22x1.5	22	22	1/8"G	52	96	124	30	28.5	9

FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
16	88	88
20	141	141
25	219	219

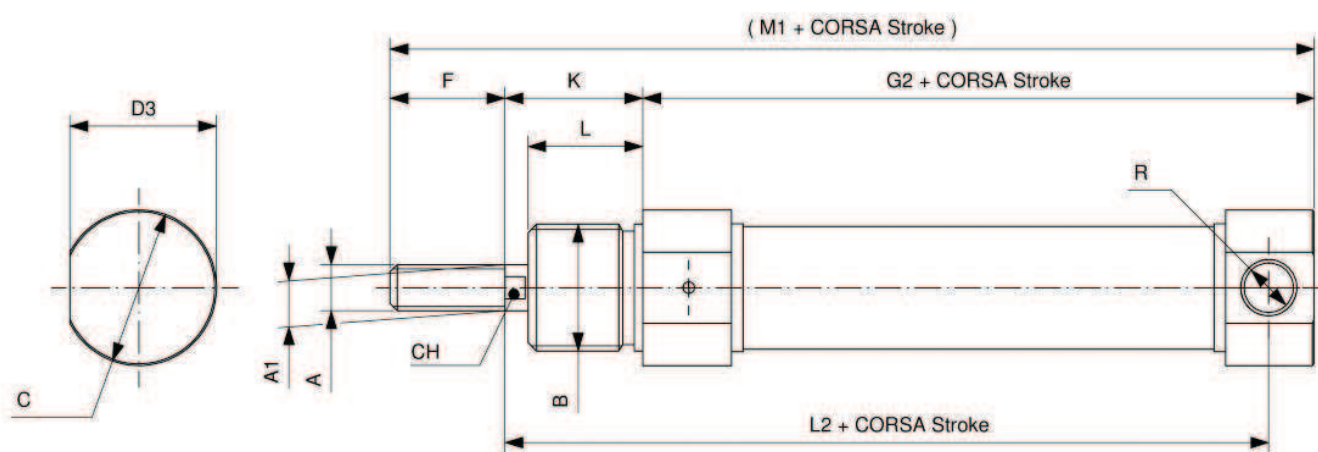
CSEØ/...RA

CSEMØ/...RA



CSEØ/...RR

CSEMØ/...RR



DIMENSIONI DIMENSIONS

Ø mm	A	A1	B	C	D3	E	F	G1	G2	K	L	L2	R	M	M1	CH
16	M6	6	M16x1.5	19	18	17.2	16	52	52.5	22	18	70	M5	90	90.5	5
20	M8	8	M22x1.5	27	25.5	22.2	20	65	67	24	20	83	1/8"G	109	111	7
25	M10x1.25	10	M22x1.5	30	28.5	27	22	66	68	28	22	88	1/8"G	116	118	9

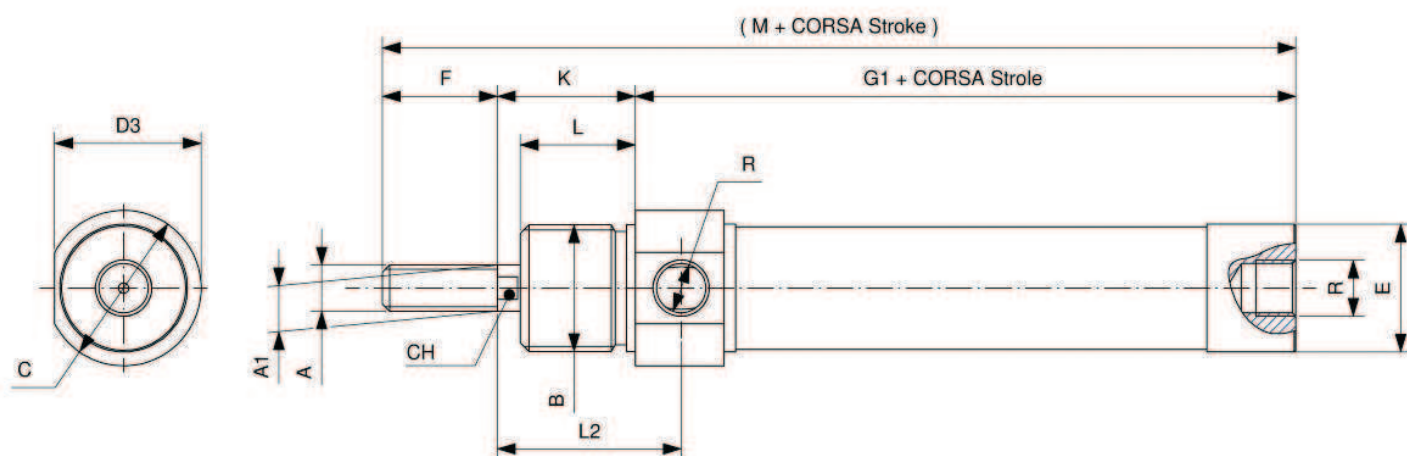
FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)					
		CORSA/STROKE 10		CORSA/STROKE 25		CORSA/STROKE 50	
		F1	F2	F1	F2	F1	F2
16	87.5	15	17.5	11.5	17.5	5.3	17.5
20	141.5	21.3	23.5	18	23.5	12.5	23.5
25	246.5	18.2	19.5	16.2	19.5	12.9	19.5

SERIE CORTA DOPPIO EFFETTO Ø16-25 SHORT SERIE DOUBLE ACTING Ø16-25

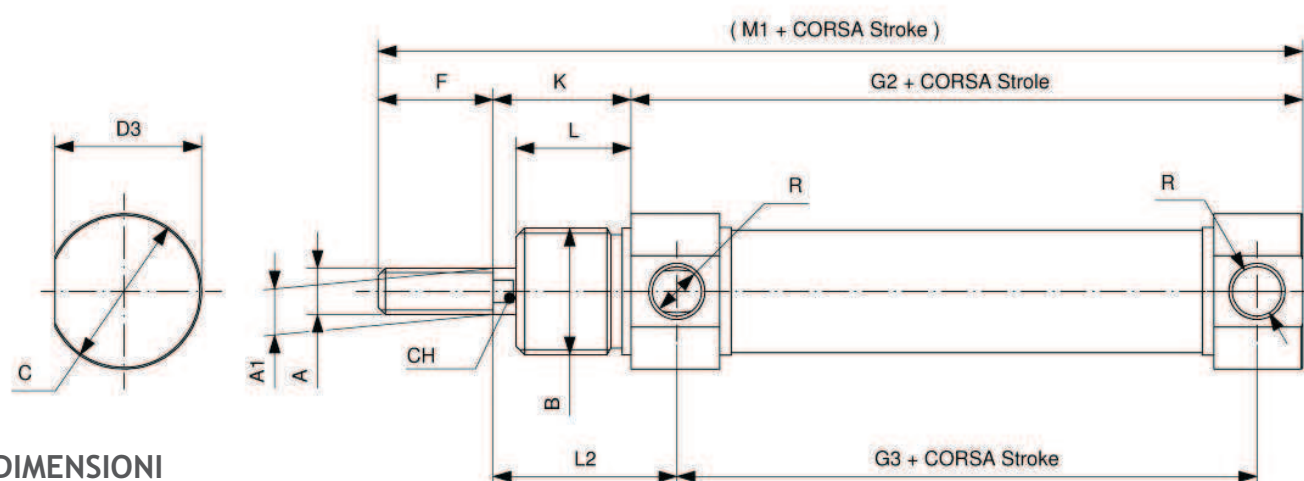
CDEØ/...RA

CDEMØ/...RA



CDEØ/...RR

CDEMØ/...RR



DIMENSIONI DIMENSIONS

Ø mm	A	A1	B	C	D3	E	F	G1	G2	G3	K	L	L2	R	M	M1	CH
16	M6	6	M16x1.5	19	18	17.2	16	52	52.5	43.5	22	18	26.5	M5	90	90.5	5
20	M8	8	M22x1.5	27	25.5	22.2	20	65	67	51	24	20	32	1/8"G	109	111	7
25	M10x1.25	10	M22x1.5	30	28.5	27	22	66	68	52	28	22	36	1/8"G	116	118	9

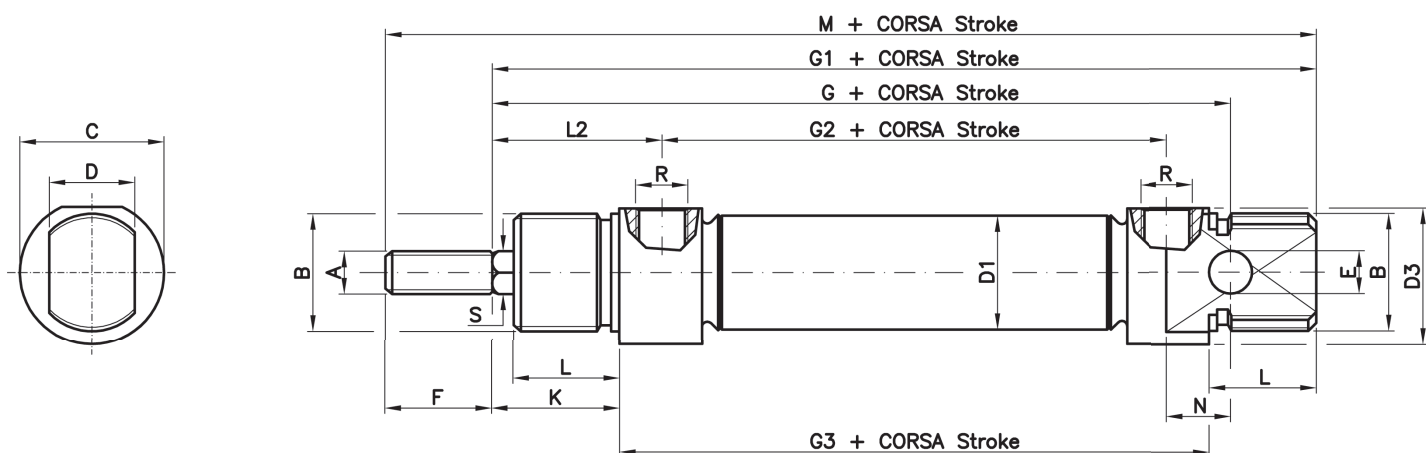
FORZE DI TRAZIONE E SPINTA (6 BAR) TRACTION AND THRUST FORCES (6 BAR)

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
16	105	88
20	165	141
25	266	219

MINICILINDRI ISO 6432 ANTIROTAZIONE Ø16-25 NON ROTATING ISO 6432 MINICYLINDERS Ø16-25

CDEØ/...ES

CDEMØ/...ES



Ø mm	A	S	B	C	D	D1	D3	E	F	G	G1	G2	G3	K	L	L2	N	R	M
16	M6	6	M16x1.5	19	12	17.27	18	6	16	82	93	44	53	22	18	27	9	M5	109
20	M8	8	M22x1.5	27	16	21.27	25.5	8	20	95	111	51.5	67	24	20	32	12	1/8"G	131
25	M10x1.25	10	M22x1.5	30	16	26.5	28.5	8	22	104	118	52	68	28	22	36	12	1/8"G	140

Ø mm	FORZA DI SPINTA (N) THRUST FORCE (N)	FORZA DI TRAZIONE (N) TRACTION FORCE (N)
16	105	88
20	165	141
25	266	219