**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Caratteristiche tecniche****Technical features**

L'elevata modularità contraddistingue i riduttori a vite senza fine della serie CM: i diversi kit entrata ed uscita li rendono estremamente versatili.

Le caratteristiche principali della serie CM sono:


- Carcassa in alluminio nelle grandezze 026, 030, 040, 050, 063, 075, 090 e 110. La grandezza 130 è costruita con carcassa in ghisa;
- Le grandezze 090, 110 e 130 sono fornite con cuscinetti a rulli conici sulla vite;
- Lubrificazione permanente con olio sintetico.


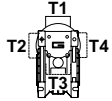
The high degree of modularity is a design feature of CM wormgearboxes range thanks to a wide selection of input and output kits.


Main features of CM range are:

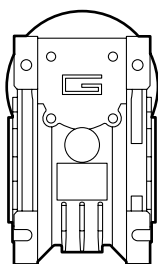
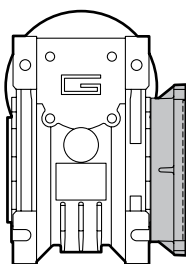
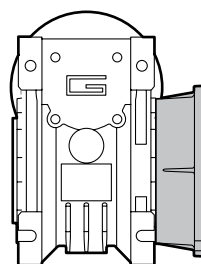
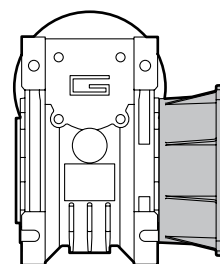
- Die-cast aluminum housing on sizes 026, 030, 040, 050, 063, 075, 090 and 110. Cast iron housing on size 130;
- Double taper roller bearing on sizes 090, 110 and 130;
- Permanent synthetic oil long-life lubrication.

Designazione**Designation**

RIDUTTORE / GEARBOX							
CM	050	20	FD	P71	B5	B3	—
Tipo <i>Type</i>	Grandezza <i>Size</i>	Rapporto <i>Ratio</i>	Versione <i>Version</i>	IEC		Pos. di montaggio <i>Mounting position</i>	Opzioni <i>Options</i>
	CM						
	026	vedi tabelle- <i>see tables</i>	U...	56..	B5	B3	VS
	030		FD...	—	B14	B6	PC
	040		FS...	132..	B7		
	050		FBD...		B8		
	063		FBS...		V5		
	075		FLD...		V6		
	090		FLS...				
	110						
	130						

MOTORE / MOTOR				
71B4	B5	230/400	50Hz	T1
Grandezza Size	Forma costitutiva Version	Tensione Voltage	Frequenza Frequency	Pos. morsettiera Terminal box pos.
 56.. — 132..	B5 B14	—	50Hz 60Hz	T1 T2 T3 T4 

RIDUTTORE / GEARBOX					
CMIS	050	20	FD	B3	—
Tipo Type	Grandezza Size	Rapporto Ratio	Versione Version	Pos. di montaggio Mounting position	Opzioni Options
	026	vedi tabelle- see tables	U...	B3	VS
	030		FD...	B6	PC
	040		FS...	B7	
	050		FBD...	B8	
	063		FBS...	V5	
	075		FLD...	V6	
	090		FLS...		
	110				
	130				

Versioni**Versions****U****F****FB****FL**



Simbologia

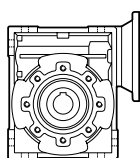
Symbols

n_1	[min ⁻¹]	Velocità in ingresso / <i>Input speed</i>	sf		Fattore di servizio / <i>Service factor</i>
n_2	[min ⁻¹]	Velocità in uscita / <i>Output speed</i>	R_d	%	Rendimento dinamico / <i>Dynamic efficiency</i>
i		Rapporto di riduzione / <i>Ratio</i>	R_s	%	Rendimento statico / <i>Static efficiency</i>
P_1	[kW]	Potenza in entrata / <i>Input power</i>	R_2	[N]	Carico radiale ammissibile in uscita / <i>Permitted output radial load</i>
M_n	[Nm]	Coppia nominale in uscita / <i>Nominal output torque</i>	Z		Numero di principi della vite / <i>Worm starts</i>
M_2	[Nm]	Coppia in uscita in funzione di P_1 / <i>Output torque referred to P_1</i>	β		Angolo d'elica / <i>Helix angle</i>

Posizioni di montaggio

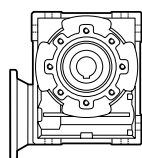
Mounting positions

Posizioni di montaggio / *Mounting positions*

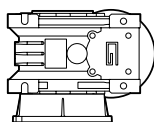


B3

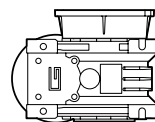
(standard)



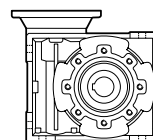
B8



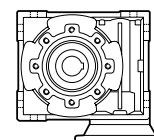
B6



B7



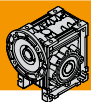
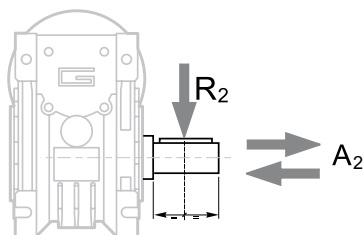
V5



V6

Quantità di olio (litri) / <i>Oil quantity (liters)</i>						
	B3	B8	B6	B7	V5	V6
CM026	0.02					
CM030	0.04					
CM040	0.08					
CM050	0.15					
CM063	0.30					
CM075	0.55					
CM090	1.0					
CM110	3.0					
CM130	4.5	3.3	3.5	3.5	4.5	3.3

Lubrificanti a vita
Life lubricated

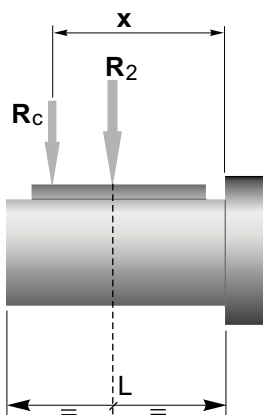

Carichi radiali
Radial loads


$$A_2 = R_2 \times 0.2$$

n_2 [min ⁻¹]	R_2 [N]								
	CM026	CM030	CM040	CM050	CM063	CM075	CM090	CM110	CM130
187	400	674	1264	1770	2445	2824	3161	5058	5732
140	490	743	1392	1949	2692	3110	3481	5570	6313
93	580	851	1596	2234	3085	3564	3990	6384	7235
70	610	936	1754	2456	3392	3918	4386	7018	7953
56	610	1008	1890	2646	3654	4221	4725	7560	8567
47	610	1069	2004	2805	3874	4475	5009	8014	9083
35	610	1179	2210	3095	4273	4937	5526	8842	10021
28	610	1270	2381	3334	4603	5318	5953	9524	10794
23	610	1356	2542	3559	4915	5678	6356	10170	11526
18	610	1471	2759	3862	5334	6162	6897	11036	12507
14	610	1600	3000	4200	5800	6700	7500	12000	13600

Quando il carico radiale risultante non è applicato sulla mezza-
ria dell'albero occorre calcolare quello effettivo con la seguente
formula:

When the resulting radial load is not applied on the centre line
of the shaft it is necessary to calculate the effective load with the
following formula:



$$R_c = \frac{R_2 \cdot a}{(b + x)} \leq R_{2MAX}$$

$$R \leq R_c$$

a, b = valori riportati nella tabella
 a, b = values given in the table

	CM								
	026	030	040	050	063	075	090	110	130
a	56	65	84	101	120	131	182	176	188
b	43	50	64	76	95	101	122	136	148
R_{2MAX}	610	1600	3000	4200	5800	6700	7500	12000	13600

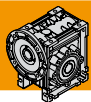

Dati di dentatura
Toothing data


	Dati della coppia vite-corona Worm wheel data	Rapporto / Ratio											
		5	7.5	10	15	20	25	30	40	50	60	80	100
CM026	Z	6	4	3	2	2		1	1	1	1		
	β	34° 35'	24° 41'	19° 1'	12° 57'	10° 30'		6° 33'	5° 17'	4° 26'	3° 49'		
CM030	Z	6	4	3	2	2	2	1	1	1	1	1	1
	β	27° 4'	24° 28'	18° 50'	12° 49'	10° 23'	8° 43'	6° 29'	5° 14'	4° 23'	3° 46'	2° 57'	2° 25'
CM040	Z	6	4	3	2	2	2	1	1	1	1	1	1
	β	34° 19'	24° 28'	18° 50'	12° 49'	10° 23'	8° 43'	6° 29'	5° 14'	4° 23'	3° 46'	2° 57'	2° 25'
CM050	Z		4	3	2	2	2	1	1	1	1	1	1
	β		23° 54'	18° 23'	12° 29'	10° 6'	8° 28'	6° 19'	5° 5'	4° 15'	3° 39'	2° 51'	2° 20'
CM063	Z		4	3	2	2	2	1	1	1	1	1	1
	β		24° 31'	18° 53'	12° 50'	10° 24'	8° 44'	6° 30'	5° 14'	4° 23'	3° 47'	2° 57'	2° 25'
CM075	Z		4	3	2	2	2	1	1	1	1	1	1
	β		26° 17'	20° 20'	13° 52'	11° 18'	9° 32'	7° 2'	5° 42'	4° 48'	4° 8'	3° 14'	2° 40'
CM090	Z		4	3	2	2	2	1	1	1	1	1	1
	β		29° 11'	22° 43'	15° 36'	12° 50'	10° 53'	7° 56'	6° 30'	5° 29'	4° 45'	3° 45'	3° 6'
CM110	Z		4	3	2	2	2	1	1	1	1	1	1
	β		28° 14'	21° 56'	15° 1'	14° 41'	12° 34'	7° 38'	7° 28'	6° 21'	5° 32'	4° 24'	3° 39'
CM130	Z		4	3	2	2	2	1	1	1	1	1	1
	β		28° 43'	22° 20'	15° 19'	13° 47'	11° 54'	7° 48'	7° 00'	6° 01'	5° 16'	4° 08'	3° 27'

Rendimento
Efficiency

	n ₁ [min ⁻¹]	Rendimento Efficiency	Rapporto / Ratio											
			5	7.5	10	15	20	25	30	40	50	60	80	100
CM026	2800	Rd	89	87	85	83	80		73	68	64	60		
	1400		87	84	83	78	74		66	61	57	53		
	900		84	83	80	75	71		61	57	52	48		
		Rs	72	71	68	61	56		46	41	36	34		
CM030	2800	Rd	89	88	86	84	81	78	74	70	65	62	57	52
	1400		86	85	84	79	75	72	67	62	58	55	48	43
	900		84	83	81	75	71	68	62	58	53	49	43	39
		Rs	72	67	63	55	50	43	39	35	31	27	23	21
CM040	2800	Rd	90	89	87	84	83	80	77	73	69	66	60	56
	1400		88	86	84	81	78	74	70	65	60	58	52	46
	900		86	84	82	77	74	70	66	60	57	53	46	41
		Rs	74	71	67	60	55	51	45	40	36	32	28	24
CM050	2800	Rd		90	88	86	84	82	78	74	71	68	62	58
	1400			87	85	82	79	76	72	67	63	60	54	49
	900			85	84	79	75	72	68	62	59	55	48	43
		Rs		70	66	59	55	51	44	39	35	32	27	23
CM063	2800	Rd		90	88	86	84	83	79	76	73	70	65	60
	1400			88	86	84	81	78	75	70	66	63	57	52
	900			86	84	81	78	75	70	65	61	58	52	47
		Rs		71	67	60	55	51	45	40	36	33	28	24
CM075	2800	Rd		90	89	87	85	84	81	78	75	72	68	63
	1400			89	87	84	83	80	77	73	69	66	60	56
	900			87	85	83	80	77	73	68	64	61	55	50
		Rs		71	68	61	57	53	46	42	38	35	29	26
CM090	2800	Rd		91	90	88	86	85	83	80	78	75	71	67
	1400			90	88	86	84	83	79	76	72	69	64	60
	900			88	87	84	82	80	76	72	68	65	60	55
		Rs		73	70	64	60	56	49	45	41	38	32	28
CM110	2800	Rd		90	89	88	87	86	82	81	79	77	73	70
	1400			89	88	86	85	84	80	79	76	73	68	64
	900			88	87	84	83	82	78	75	71	68	63	59
		Rs		72	69	63	62	59	48	46	44	41	36	32
CM130	2800	Rd		90	89	88	87	86	82	80	79	77	72	70
	1400			89	88	86	84	83	79	76	75	73	69	64
	900			88	87	84	82	81	77	74	73	70	64	59
		Rs		72	69	62	61	59	49	46	43	39	34	30


Rendimento teorico del riduttore dopo il rodaggio
Theoretical efficiency of the gearbox after the first running period

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dati tecnici** **n_1 1400 min⁻¹****Technical data**

	n_2 [min ⁻¹]	M_2 [Nm]	P1 [kW]	i
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CMIS026

280	13	0.44	5
187	14	0.33	7.5
140	14	0.25	10
93	14	0.18	15
70	14	0.14	20
47	15	0.11	30
35	14	0.08	40
28	13	0.07	50
23	12	0.06	60

CMIS030

280	18	0.61	5
187	20	0.46	7.5
140	21	0.37	10
93	21	0.26	15
70	19	0.19	20
56	20	0.16	25
47	22	0.16	30
35	20	0.12	40
28	19	0.10	50
23	17	0.08	60
18	15	0.06	80
14	14	0.05	100

CMIS040


280	41	1.37	5
187	44	1.00	7.5
140	45	0.79	10
93	45	0.54	15
70	40	0.38	20
56	38	0.30	25
47	48	0.34	30
35	42	0.24	40
28	39	0.19	50
23	36	0.15	60
18	33	0.12	80
14	31	0.10	100

CMIS050

187	79	1.8	7.5
140	82	1.4	10
93	82	0.98	15
70	72	0.67	20
56	70	0.54	25
47	88	0.60	30
35	76	0.42	40
28	72	0.34	50
23	69	0.28	60
18	60	0.20	80
14	56	0.17	100

CMIS063

187	144	3.2	7.5
140	148	2.5	10
93	154	1.8	15
70	136	1.23	20
56	135	1.0	25
47	166	1.1	30
35	142	0.74	40
28	136	0.60	50
23	126	0.49	60
18	118	0.38	80
14	116	0.33	100

	n_2 [min ⁻¹]	M_2 [Nm]	P1 [kW]	i
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CMIS075

187	219	4.8	7.5
140	238	4.0	10
93	249	2.9	15
70	224	2.0	20
56	200	1.5	25
47	269	1.7	30
35	235	1.2	40
28	212	0.90	50
23	210	0.78	60
18	190	0.58	80
14	175	0.46	100

CMIS090

187	317	6.9	7.5
140	354	5.9	10
93	404	4.6	15
70	384	3.4	20
56	342	2.4	25
47	457	2.8	30
35	404	1.9	40
28	357	1.5	50
23	328	1.2	60
18	302	0.86	80
14	278	0.68	100

CMIS110

187	560	12.3	7.5
140	617	10.3	10
93	678	7.7	15
70	661	5.7	20
56	615	4.3	25
47	755	4.6	30
35	716	3.3	40
28	648	2.5	50
23	578	1.9	60
18	523	1.4	80
14	486	1.1	100





CMIS130

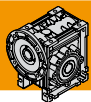
187	750	16.5	7.5
140	820	13.7	10
93	910	10.3	15
70	910	7.9	20
56	920	6.5	25
47	1050	6.5	30
35	1050	5.1	40
28	970	3.8	50
23	890	3.0	60
18	830	2.2	80
14	735	1.7	100







Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i								
0.06							0.09												
56A4 (1400 min ⁻¹)	280	2	7.3	5	CM026	B14	56B4 (1400 min ⁻¹)	28	18	1.1	50	CM030	B5/B14						
	187	3	5.4	7.5		B14		23	20	0.8	60		B5/B14						
	140	3	4.1	10		B14		18	24	0.6	80		B5/B14						
	93	5	2.9	15		B14		CM040	B5/B14										
	70	6	2.3	20		B14													
	47	8	1.9	30		B14													
	35	10	1.4	40		B14													
	28	12	1.1	50		B14													
	23	13	0.9	60		B14													
	280	2	10.2	5	CM030	B5/B14	63A6 (900 min ⁻¹)	180	4	5.2	5	CM030	B5/B14						
	187	3	7.7	7.5		B5/B14		120	6	4.0	7.5		B5/B14						
	140	3	6.1	10		B5/B14		90	8	3.1	10		B5/B14						
	93	5	4.3	15		B5/B14		60	11	2.3	15		B5/B14						
	70	6	3.1	20		B5/B14		45	14	1.6	20		B5/B14						
	56	7	2.7	25		B5/B14		36	16	1.4	25		B5/B14						
	47	8	2.7	30		B5/B14		30	18	1.5	30		B5/B14						
	35	10	2.0	40		B5/B14		23	22	1.0	40		B5/B14						
	28	12	1.6	50		B5/B14		18	25	0.9	50		B5/B14						
	23	14	1.3	60		B5/B14		CM040	B5/B14										
	18	16	1.0	80		B5/B14				45	14	3.2	20						
	14	18	0.8	100		B5/B14				36	17	2.6	25						
	CM040	B5/B14	30	19		3.0				30									
			23	23		2.1				40									
			18	27		1.7				50									
			15	30	1.4	60													
			11	35	1.1	80													
			9	39	0.9	100													
			15	32	2.4	60	CM050	B5/B14											
11	37	1.9	80																
9	41	1.6	100																
0.09							0.12												
56A2 (2800 min ⁻¹)	560	1	7.3	5	CM026	B14	56B2 (2800 min ⁻¹)	560	2	5.5	5	CM026	B14						
	373	2	5.5	7.5		B14		373	3	4.1	7.5		B14						
	280	3	4.2	10		B14		280	3	3.2	10		B14						
	187	4	2.9	15		B14		187	5	2.2	15		B14						
	140	5	2.2	20		B14		140	7	1.7	20		B14						
	93	7	1.8	30		B14		93	9	1.3	30		B14						
	70	8	1.3	40		B14		70	11	1.0	40		B14						
	56	10	1.0	50		B14		56	13	0.8	50		B14						
	47	11	0.8	60		B14		CM030	B5/B14										
	140	5	2.8	20	CM030	B5/B14													
	112	6	2.5	25															
	93	7	2.6	30															
	70	9	1.9	40															
	56	10	1.5	50															
	47	11	1.2	60															
	35	14	0.9	80															
	28	16	0.7	100															
	56B4 (1400 min ⁻¹)	280	3	4.9						5	CM026	B14	63A4 (1400 min ⁻¹)	280	4	5.1	5	CM030	B5/B14
		187	4	3.6						7.5		B14		187	5	3.8	7.5		B5/B14
		140	5	2.7						10		B14		140	7	3.1	10		B5/B14
		93	7	1.9						15		B14		93	10	2.2	15		B5/B14
		70	9	1.5						20		B14		70	12	1.5	20		B5/B14
47		12	1.2	30			B14	56	15	1.4		25		B5/B14					
35		15	0.9	40	B14	CM040	B5/B14												
28		17	0.7	50	B14														
23		20	0.6	60	B14														
280		3	6.8	5	CM030			B5/B14											
187		4	5.1	7.5					B5/B14										
140		5	4.1	10					B5/B14										
93		7	2.9	15					B5/B14										
70		9	2.1	20					B5/B14										
56	11	1.8	25	B5/B14															
47	12	1.8	30	B5/B14															
35	15	1.3	40	B5/B14															

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dati tecnici****Technical data**

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
0.12							0.18						
63A4 (1400 min ⁻¹)	47	16	1.3	30	CM030	B5/B14	63A2 (2800 min ⁻¹)	56	22	2.6	50	CM050	B5
	35	20	1.0	40		B5/B14		47	25	2.1	60		B5
	28	24	0.8	50		B5/B14		35	30	1.5	80		B5
					CM040			28	36	1.2	100	CM030	B5
	280	4	11.4	5		B5/B14	63B4 (1400 min ⁻¹)	280	5	3.4	5		B5/B14
	187	5	8.3	7.5		B5/B14		187	8	2.6	7.5		B5/B14
	140	7	6.5	10		B5/B14		140	10	2.0	10		B5/B14
	93	10	4.5	15		B5/B14		93	15	1.4	15		B5/B14
	70	13	3.1	20		B5/B14		70	18	1.0	20		B5/B14
	56	15	2.5	25		B5/B14		56	22	0.9	25		B5/B14
	47	17	2.8	30		B5/B14		47	25	0.9	30		B5/B14
	35	21	2.0	40		B5/B14						CM040	B5/B14
	28	25	1.6	50		B5/B14		280	5	7.6	5		B5/B14
	23	28	1.3	60		B5/B14		187	8	5.6	7.5		B5/B14
	18	34	1.0	80		B5/B14		140	10	4.4	10		B5/B14
	14	38	0.8	100		B5/B14		93	15	3.0	15		B5/B14
63B6 (900 min ⁻¹)	35	22	3.5	40	CM050	B5/B14		70	19	2.1	20		B5/B14
	28	26	2.8	50		B5/B14		56	23	1.7	25		B5/B14
	23	29	2.3	60		B5/B14		47	26	1.9	30		B5/B14
	18	35	1.7	80	CM040	B5/B14		35	32	1.3	40		B5/B14
	14	40	1.4	100		B5/B14		28	37	1.1	50		B5/B14
								23	43	0.8	60		B5/B14
							71A6 (900 min ⁻¹)	35	33	2.3	40	CM050	B5
								28	39	1.9	50		B5
								23	44	1.6	60		B5
								18	53	1.1	80	CM040	B5
								14	60	0.9	100		B5
													B5
	180	5	3.9	5	CM030	B5/B14		180	8	5.7	5		B5/B14
	120	8	3.0	7.5		B5/B14		120	12	4.2	7.5		B5/B14
	90	10	2.3	10		B5/B14		90	16	3.3	10		B5/B14
	60	14	1.7	15	CM040	B5/B14		60	22	2.4	15		B5/B14
	45	18	1.2	20		B5/B14		45	28	1.6	20		B5/B14
	36	22	1.0	25		B5/B14		36	33	1.3	25		B5/B14
	30	24	1.1	30		B5/B14		30	38	1.5	30		B5/B14
	23	30	0.8	40		B5/B14		23	46	1.0	40		B5/B14
								36	34	2.2	25	CM050	B5/B14
	60	15	3.7	15		B5/B14		30	39	2.5	30		B5/B14
	45	19	2.4	20		B5/B14		23	47	1.8	40		B5/B14
	36	22	2.0	25		B5/B14		18	56	1.4	50	CM063	B5/B14
	30	25	2.2	30		B5/B14		15	63	1.2	60		B5/B14
	23	31	1.6	40		B5/B14		11	73	0.9	80		B5/B14
	18	36	1.3	50		B5/B14							B5/B14
	15	40	1.1	60		B5/B14		15	66	2.1	60		B5/B14
	11	47	0.9	80		B5/B14		11	79	1.6	80		B5/B14
								9	90	1.4	100		B5/B14
	30	26	3.8	30	CM050	B5/B14							
	23	32	2.7	40		B5/B14							
	18	38	2.2	50		B5/B14							
0.18 63A2 (2800 min ⁻¹)	15	42	1.8	60	CM040	B5/B14	0.22 63C4 (1400 min ⁻¹)	280	6	2.8	5	CM030	B5/B14
	11	49	1.4	80		B5/B14		187	10	2.1	7.5		B5/B14
	9	55	1.2	100		B5/B14		140	13	1.7	10		B5/B14
								93	18	1.2	15	CM040	B5/B14
								70	23	0.8	20		B5/B14
													B5/B14
	560	3	4.8	5	CM030	B5/B14		280	7	6.2	5		B5/B14
	373	4	3.7	7.5		B5/B14		187	10	4.5	7.5		B5/B14
	280	5	3.0	10		B5/B14		140	13	3.6	10		B5/B14
	187	8	2.1	15	CM040	B5/B14		93	18	2.5	15		B5/B14
	140	10	1.4	20		B5/B14		70	23	1.7	20		B5/B14
	112	12	1.3	25		B5/B14		56	28	1.4	25		B5/B14
	93	14	1.3	30		B5/B14		47	32	1.5	30		B5/B14
	70	17	0.9	40		B5/B14		35	39	1.1	40		B5/B14
	56	20	0.8	50		B5/B14		28	45	0.9	50		B5/B14
	140	10	3.0	20		B5/B14							
	112	12	2.3	25		B5/B14							
	93	14	2.7	30		B5/B14							
	70	18	1.9	40		B5/B14							
	56	21	1.5	50		B5/B14							
	47	24	1.2	60		B5/B14							
	35	29	0.9	80		B5/B14							



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Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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0.22

63C4 (1400 min ⁻¹)	35	40	1.9	40	CM050	B5/B14
	28	47	1.5	50		B5/B14
	23	54	1.3	60		B5/B14
	18	65	0.9	80		B5/B14
	14	74	0.8	100		B5/B14

0.25

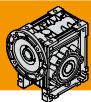
63B2 (2800 min ⁻¹)	560	4	3.4	5	CM030	B5/B14
	373	6	2.7	7.5		B5/B14
	280	7	2.2	10		B5/B14
	187	11	1.5	15		B5/B14
	140	14	1.0	20		B5/B14
	112	17	0.9	25	CM040	B5/B14
	93	19	1.0	30		B5/B14
	140	14	2.2	20		B5/B14
	112	17	1.6	25		B5/B14
	93	20	1.9	30		B5/B14
	70	25	1.4	40		B5/B14
	56	29	1.1	50	CM050	B5/B14
	47	34	0.9	60		B5/B14
	47	35	1.5	60		B5/B14
	35	42	1.1	80		B5/B14
	28	49	0.9	100		B5/B14
71A4 (1400 min ⁻¹)	280	8	5.5	5	CM040	B5/B14
	187	11	4.0	7.5		B5/B14
	140	14	3.1	10		B5/B14
	93	21	2.2	15		B5/B14
	70	27	1.5	20		B5/B14
	56	32	1.2	25	CM050	B5/B14
	47	36	1.3	30		B5/B14
	35	44	0.9	40		B5/B14
	70	27	2.7	20		B5/B14
	56	32	2.2	25		B5/B14
	47	37	2.4	30		B5/B14
	35	46	1.7	40		B5/B14
	28	54	1.3	50		B5/B14
	23	61	1.1	60		B5/B14
	18	74	0.8	80		B5/B14
	28	56	2.4	50	CM063	B5/B14
	23	64	2.0	60		B5/B14
	18	78	1.5	80		B5/B14
	14	89	1.3	100		B5/B14
	23	68	3.1	60	CM075	B5
	18	82	2.3	80		B5
	14	96	1.8	100		B5
	14	96	1.8	100		B5
71B6 (900 min ⁻¹)	180	11	4.1	5	CM040	B5/B14
	120	17	3.1	7.5		B5/B14
	90	22	2.4	10		B5/B14
	60	31	1.8	15		B5/B14
	45	39	1.1	20		B5/B14
	36	46	0.9	25	CM050	B5/B14
	30	53	1.1	30		B5/B14
	23	64	0.8	40		B5/B14
	45	40	2.0	20		B5/B14
	36	48	1.6	25		B5/B14
	30	54	1.8	30		B5/B14
	23	66	1.3	40		B5/B14
	18	78	1.0	50		B5/B14
	15	88	0.9	60		B5/B14





0.25

71B6 (900 min ⁻¹)	18	81	1.9	50	CM063	B5/B14
	15	92	1.5	60		B5/B14
	11	110	1.2	80		B5/B14
	9	125	1.0	100		B5/B14
	9	125	1.0	100		B5/B14

0.37

71A2 (2800 min ⁻¹)	560	6	5.1	5	CM040	B5/B14
	373	8	3.7	7.5		B5/B14
	280	11	3.0	10		B5/B14
	187	16	2.2	15		B5/B14
	140	21	1.5	20		B5/B14
	112	25	1.1	25	CM050	B5/B14
	93	29	1.3	30		B5/B14
	70	37	0.9	40		B5/B14
	70	37	1.6	40		B5/B14
	56	45	1.3	50		B5/B14
71B4 (1400 min ⁻¹)	47	51	1.0	60	CM040	B5/B14
	280	11	3.7	5		B5/B14
	187	16	2.7	7.5		B5/B14
	140	21	2.1	10		B5/B14
	93	31	1.5	15		B5/B14
	70	39	1.0	20	CM050	B5/B14
	56	47	0.8	25		B5/B14
	47	53	0.9	30		B5/B14
	70	40	1.8	20		B5/B14
	56	48	1.5	25		B5/B14
	47	55	1.6	30	CM063	B5/B14
	35	68	1.1	40		B5/B14
	28	80	0.9	50		B5/B14
	23	91	0.8	60		B5/B14
	28	83	1.6	50	CM075	B5
	23	95	1.3	60		B5
	18	115	1.0	80		B5
	14	131	0.9	100		B5
	14	141	1.2	100		B5
80A6 (900 min ⁻¹)	60	47	2.0	15	CM050	B5/B14
	45	59	1.4	20		B5/B14
	36	71	1.1	25		B5/B14
	30	80	1.2	30		B5/B14
	30	80	1.2	30		B5/B14
	36	74	1.9	25	CM063	B5/B14
	30	82	2.3	30		B5/B14
	23	102	1.6	40		B5/B14
	18	120	1.3	50		B5/B14
	15	137	1.0	60		B5/B14
	18	126	1.9	50	CM075	B5/B14
	15	144	1.6	60		B5/B14
	11	173	0.6	80		B5/B14
	9	196	1.0	100		B5/B14
	9	196	1.0	100		B5/B14

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dati tecnici****Technical data**

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
0.55							0.55						
71B2 (2800 min ⁻¹)	560	8	3.4	5	CM040	B5/B14	80B6 (900 min ⁻¹)	120	37	2.5	7.5	CM050	B5/B14
	373	13	2.5	7.5		B5/B14		90	49	1.9	10		B5/B14
	280	16	2.0	10		B5/B14		60	69	1.4	15		B5/B14
	187	24	1.5	15		B5/B14		45	88	0.9	20		B5/B14
	140	31	1.0	20		B5/B14							
	140	32	1.7	20	CM050	B5/B14		45	91	1.7	20	CM063	B5/B14
	112	38	1.3	25		B5/B14		36	109	1.3	25		B5/B14
	93	44	1.5	30		B5/B14		30	123	1.5	30		B5/B14
	70	56	1.1	40		B5/B14		23	152	1.1	40		B5/B14
	56	67	0.9	50		B5/B14		18	178	0.8	50		B5/B14
	70	57	2.0	40	CM063	B5/B14		18	187	1.3	50	CM075	B5/B14
	56	68	1.5	50				15	214	1.1	60		B5/B14
	47	79	1.2	60		B5/B14		11	257	0.8	80		B5/B14
	35	98	0.9	80		B5/B14							
	47	79	1.8	60				15	228	1.7	60	CM090	B5/B14
	35	96	1.3	80	CM075	B5		11	280	1.2	80		B5/B14
	28	113	1.0	100		B5		9	321	1.0	100		B5/B14
						B5							
								11	294	2.1	80	CM110	B5
								9	344	1.6	100		B5
71C4 (1400 min ⁻¹)	280	17	2.5	5	CM040	B5/B14	0.75 80A2 (2800 min ⁻¹)	373	17	3.3	7.5	CM050	B5/B14
	187	24	1.8	7.5		B5/B14		280	23	2.7	10		B5/B14
	140	32	1.4	10		B5/B14		187	33	1.9	15		B5/B14
	93	46	1.0	15		B5/B14		140	43	1.3	20		B5/B14
								112	52	1.0	25		B5/B14
	70	59	1.2	20	CM050	B5/B14		93	60	1.1	30	CM063	B5/B14
	56	71	1.0	25		B5/B14		70	61	2.1	30		B5/B14
	47	81	1.1	30		B5/B14		56	78	1.4	40		B5/B14
	35	101	0.8	40		B5/B14		47	93	1.1	50		B5/B14
								28	107	0.9	60		B5/B14
	28	124	1.1	50	CM063	B5/B14		93	61	2.1	30	CM075	B5/B14
	23	142	0.9	60		B5/B14		70	78	1.4	40		B5/B14
								56	93	1.1	50		B5/B14
	28	129	1.6	50		B5		47	111	1.4	60		B5/B14
	23	149	1.4	60		B5		35	139	1.0	80	CM090	B5/B14
	18	180	1.1	80	CM075	B5		28	161	0.8	100		B5/B14
	14	210	0.8	100		B5							
								47	115	2.2	60		B5/B14
								35	145	1.6	80		B5/B14
80A4 (1400 min ⁻¹)	187	24	3.2	7.5	CM050	B5/B14	0.75 80B4 (1400 min ⁻¹)	187	33	2.4	7.5	CM050	B5/B14
	140	32	2.6	10		B5/B14		140	43	1.9	10		B5/B14
	93	46	1.8	15		B5/B14		93	63	1.3	15		B5/B14
	70	59	1.2	20		B5/B14		70	81	0.9	20		B5/B14
	56	71	1.0	25		B5/B14		56	97	0.7	25		B5/B14
	47	81	1.1	30	CM063	B5/B14		47	111	0.8	30	CM063	B5/B14
	93	47	3.3	15		B5/B14							
	70	61	2.2	20		B5/B14		187	34	4.3	7.5		B5/B14
	56	73	1.8	25		B5/B14		140	44	3.4	10		B5/B14
	47	84	2.0	30		B5/B14		93	64	2.4	15		B5/B14
	35	105	1.4	40	CM075	B5/B14		70	83	1.6	20		B5/B14
	28	124	1.1	50		B5/B14		56	100	1.4	25		B5/B14
	23	142	0.9	60		B5/B14		47	115	1.4	30		B5/B14
								35	143	1.0	40		B5/B14
	35	110	2.1	40		B5/B14		28	169	0.8	50	CM075	B5/B14
	28	129	1.6	50	CM090	B5/B14							
	23	149	1.4	60		B5/B14		70	85	2.6	20		B5/B14
	18	180	1.1	80		B5/B14		56	102	2.0	25		B5/B14
	14	210	0.8	100		B5/B14		47	118	2.3	30		B5/B14
	23	155	2.1	60	CM110	B5/B14		35	149	1.6	40		B5/B14
	18	192	1.6	80		B5/B14							
	14	225	1.2	100		B5/B14							
	18	204	2.6	80		B5							
	14	240	2.0	100		B5							



Dati tecnici

Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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0.75

80B4 (1400 min ⁻¹)	28	177	1.2	50	CM075	B5/B14
	23	203	1.0	60		B5/B14
	18	246	0.8	80		B5/B14
	35	156	2.6	40	CM090	B5/B14
	28	184	1.9	50		B5/B14
	23	212	1.5	60		B5/B14
	18	262	1.2	80		B5/B14
	14	307	0.9	100		B5/B14
	23	224	2.6	60	CM110	B5
	18	278	1.9	80		B5
	14	327	1.5	100		B5
						B5

1.1

80B2 (2800 min ⁻¹)	373	25	2.3	7.5	CM050	B5/B14
	280	33	1.8	10		B5/B14
	187	48	1.3	15		B5/B14
	140	63	0.9	20		B5/B14
	140	63	1.6	20	CM063	B5/B14
	112	78	1.2	25		B5/B14
	93	89	1.4	30		B5/B14
	70	114	1.0	40		B5/B14
	93	91	2.3	30	CM075	B5/B14
	70	117	1.6	40		B5/B14
	56	141	1.2	50		B5/B14
	47	162	1.0	60		B5/B14
	56	146	1.9	50	CM090	B5/B14
	47	169	1.5	60		B5/B14
	35	213	1.1	80		B5/B14
	28	251	0.9	100		B5/B14
	35	219	1.8	80	CM110	B5
	28	263	1.4	100		B5
						B5
						B5

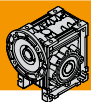
80C4 (1400 min ⁻¹)	187	49	1.6	7.5	CM050	B5/B14
	140	64	1.3	10		B5/B14
	93	92	0.9	15		B5/B14
						B5/B14
	187	50	2.9	7.5	CM063	B5/B14
	140	65	2.3	10		B5/B14
	93	95	1.6	15		B5/B14
	70	122	1.1	20		B5/B14
	56	146	0.9	25	CM075	B5/B14
	47	169	1.0	30		B5/B14
						B5/B14
						B5/B14
	70	125	1.8	20	CM090	B5/B14
	56	150	1.3	25		B5/B14
	47	173	1.6	30		B5/B14
	35	219	1.1	40		B5/B14
	28	259	0.8	50	CM110	B5/B14
						B5/B14
						B5/B14
						B5/B14





1.1

80C4 (1400 min ⁻¹)	35	228	1.8	40	CM090	B5/B14
	28	270	1.3	50		B5/B14
	23	311	1.1	60		B5/B14
	18	384	0.8	80	CM110	B5
						B5
	23	329	1.8	60		B5
	18	408	1.3	80		B5
	14	480	1.0	100		B5
						B5
						B5
						B5
						B5
						B5
						B5

90S4 (1400 min ⁻¹)	187	50	2.9	7.5	CM063	B5/B14
	140	65	2.3	10		B5/B14
	93	95	1.6	15		B5/B14
	70	122	1.1	20		B5/B14
	56	146	0.9	25	CM075	B5/B14
	47	169	1.0	30		B5/B14
						B5/B14
						B5/B14
	187	50	4.4	7.5	CM090	B5/B14
	140	65	3.6	10		B5/B14
	93	95	2.6	15		B5/B14
	70	125	1.8	20		B5/B14
	56	150	1.3	25	CM110	B5/B14
	47	173	1.6	30		B5/B14
	35	219	1.1	40		B5/B14
						B5/B14
	56	156	2.2	25	CM130	B5/B14
	47	178	2.6	30		B5/B14
	35	228	1.8	40		B5/B14
	28	270	1.3	50		B5/B14
	23	311	1.1	60	CM110	B5
	18	384	0.8	80		B5
						B5
						B5

90L6 (900 min ⁻¹)	120	75	2.2	7.5	CM063	B5/B14
	90	98	1.8	10		B5/B14
	60	142	1.3	15		B5/B14
	45	182	0.8	20		B5/B14
	45	187	1.4	20	CM075	B5/B14
	36	225	1.0	25		B5/B14
	30	256	1.2	30		B5/B14
	23	317	0.8	40		B5/B14
	23	336	1.4	40	CM090	B5/B14
	18	397	1.0	50		B5/B14
	15	455	0.8	60		B5/B14
						B5/B14
	18	414	1.8	50	CM110	B5
	15	476	1.4	60		B5
	11	588	1.0	80		B5
	9	689	0.8	100		B5
	11	598	1.5	80	CM130	B5
	9	689	1.1	100		B5
						B5
						B5

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dati tecnici****Technical data**

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i			P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
1.5							1.85						
90S2 (2800 min ⁻¹)	373	35	3.0	7.5	CM063	B5/B14	90LB4 (1400 min ⁻¹)	187	83	1.7	7.5	CM063	B5/B14
	280	45	2.4	10		B5/B14		140	109	1.4	10		B5/B14
	187	66	1.7	15		B5/B14		93	159	1.0	15		B5/B14
	140	86	1.2	20		B5/B14		187	84	2.6	7.5	CM075	B5/B14
	112	106	0.9	25	CM075	B5/B14		140	110	2.2	10		B5/B14
	93	121	1.0	30		B5/B14		93	159	1.6	15		B5/B14
	140	87	2.0	20		B5/B14		70	209	1.1	20		B5/B14
	112	107	1.4	25		B5/B14		56	252	0.8	25		B5/B14
	93	124	1.7	30	CM090	B5/B14		47	292	0.9	30		B5/B14
	70	160	1.1	40		B5/B14		93	163	2.5	15	CM090	B5/B14
	70	164	1.9	40		B5/B14		70	212	1.8	20		B5/B14
	56	200	1.4	50		B5/B14		56	262	1.3	25		B5/B14
	47	230	1.1	60	CM110	B5/B14		47	299	1.5	30		B5/B14
	47	236	1.9	60		B5		35	384	1.1	40		B5/B14
	35	299	1.3	80		B5		28	454	0.8	50		B5/B14
	28	358	1.0	100		B5		47	303	2.5	30	CM110	B5
90L4 (1400 min ⁻¹)	187	68	2.1	7.5	CM063	B5/B14	90L2 (2800 min ⁻¹)	373	51	2.0	7.5	CM063	B5/B14
	140	88	1.7	10		B5/B14		280	66	1.7	10		B5/B14
	93	129	1.2	15		B5/B14		187	97	1.2	15		B5/B14
	70	166	0.8	20		B5/B14		140	126	0.8	20		B5/B14
	187	68	3.2	7.5	CM075	B5/B14		187	98	1.9	15	CM075	B5/B14
	140	89	2.7	10		B5/B14		140	128	1.3	20		B5/B14
	93	129	1.9	15		B5/B14		112	158	1.0	25		B5/B14
	70	170	1.3	20		B5/B14		93	182	1.1	30		B5/B14
	56	205	1.0	25	CM090	B5/B14		112	159	1.6	25	CM090	B5/B14
	47	236	1.1	30		B5/B14		93	187	1.9	30		B5/B14
	35	299	0.8	40		B5/B14		70	240	1.3	40		B5/B14
	56	212	1.6	25		B5/B14		56	293	1.0	50		B5/B14
	47	243	1.9	30	CM110	B5/B14		70	243	2.3	40	CM110	B5
	35	311	1.3	40		B5/B14		56	296	1.7	50		B5
	28	368	1.0	50		B5/B14		47	347	1.3	60		B5
	23	424	0.8	60		B5/B14		35	438	0.9	80		B5
100LA6 (900 min ⁻¹)	35	323	2.2	40	CM110	B5	100LA4 (1400 min ⁻¹)	187	100	2.2	7.5	CM075	B5/B14
	28	389	1.7	50		B5		140	131	1.8	10		B5/B14
	23	448	1.3	60		B5		93	189	1.3	15		B5/B14
	18	557	0.9	80		B5		187	101	3.1	7.5	CM090	B5/B14
	23	448	2.0	60	CM130	B5		140	132	2.7	10		B5/B14
	18	565	1.5	80		B5		93	194	2.1	15		B5/B14
	14	655	1.1	100		B5		70	252	1.5	20		B5/B14
	14	655	1.1	100		B5		56	311	1.1	25		B5/B14
	120	104	2.5	7.5	CM075	B5/B14		47	356	1.3	30	CM110	B5
	90	135	2.0	10		B5/B14		70	255	2.6	20		B5
	60	198	1.5	15		B5/B14		56	315	2.0	25		B5
	60	201	2.4	15	CM090	B5/B14		47	360	2.1	30		B5
	45	261	1.7	20		B5/B14		35	474	1.5	40		B5
	36	318	1.2	25		B5/B14		28	570	1.1	50		B5
	30	363	1.5	30		B5/B14		23	657	0.9	60		B5
	23	478	1.7	40	CM110	B5		23	657	0.9	60		B5
	18	565	1.3	50		B5							
	15	649	1.1	60		B5							
	11	815	1.1	80		B5							
	9	939	0.8	100		B5							


Dati tecnici
Technical data

P ₁ [kW]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		
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2.2

100LA4 (1400 min ⁻¹)	35	456	2.3	40	CM130	B5
	28	563	1.7	50		B5
	23	657	1.4	60		B5
	18	828	1.0	80		B5
	14	960	0.8	100		B5
112M6 (900 min ⁻¹)	120	154	2.5	7.5	CM090	B5/B14
	90	203	2.0	10		B5/B14
	60	294	1.6	15		B5/B14
	45	383	1.2	20		B5/B14
	36	467	0.8	25		B5/B14
	30	532	1.0	30		B5/B14
	36	479	1.5	25	CM110	B5
	30	546	1.6	30		B5
	23	700	1.2	40		B5
	18	829	0.9	50		B5
	18	852	1.2	50	CM130	B5
	15	980	1.0	60		B5

3.0

100LA2 (2800 min ⁻¹)	373	69	2.3	7.5	CM075	B5/B14
	280	91	1.9	10		B5/B14
	187	134	1.4	15		B5/B14
	187	135	2.2	15	CM090	B5/B14
	140	176	1.6	20		B5/B14
	112	217	1.2	25		B5/B14
	93	255	1.4	30		B5/B14
	112	220	2.2	25	CM110	B5
	93	252	2.3	30		B5
	70	332	1.7	40		B5
	56	404	1.3	50		B5
	47	473	0.9	60		B5
100LB4 (1400 min ⁻¹)	187	137	1.6	7.5	CM075	B5/B14
	140	178	1.3	10		B5/B14
	93	258	1.0	15		B5/B14
	187	138	2.3	7.5	CM090	B5/B14
	140	180	2.0	10		B5/B14
	93	264	1.5	15		B5/B14
	70	344	1.1	20		B5/B14
	56	425	0.8	25		B5/B14
	47	485	0.9	30		B5/B14
	93	264	2.6	15	CM110	B5
	70	348	1.9	20		B5
	56	430	1.4	25		B5
	47	491	1.5	30		B5
	35	647	1.1	40		B5
	28	778	0.8	50		B5
	35	622	1.7	40	CM130	B5
	28	767	1.3	50		B5
	23	896	1.0	60		B5
132S6 (900 min ⁻¹)	120	210	3.2	7.5	CM110	B5/B14
	90	277	2.6	10		B5/B14
	60	401	2.0	15		B5/B14
	45	528	1.4	20		B5/B14
	36	653	1.1	25		B5/B14

3.0

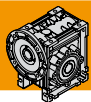
132S6 (900 min ⁻¹)	36	645	1.6	25	CM130	B5/B14
	30	735	1.6	30		B5/B14
	23	942	1.2	40		B5/B14

4.0

112M2 (2800 min ⁻¹)	373	92	1.7	7.5	CM075	B5/B14
	280	121	1.4	10		B5/B14
	187	178	1.0	15		B5/B14
	280	123	2.1	10	CM090	B5/B14
	187	180	1.7	15		B5/B14
	140	235	1.2	20		B5/B14
	140	237	2.1	20	CM110	B5
	112	293	1.6	25		B5
	93	336	1.8	30		B5
	70	442	1.3	40		B5
	56	539	0.9	50		B5
112M4 (1400 min ⁻¹)	187	182	1.2	7.5	CM075	B5/B14
	140	237	1.0	10		B5/B14
	187	184	1.7	7.5	CM090	B5/B14
	140	240	1.5	10		B5/B14
	93	352	1.1	15		B5/B14
	70	458	0.8	20		B5/B14
	187	182	3.1	7.5	CM110	B5
	140	240	2.6	10		B5
	93	352	1.9	15		B5
	70	464	1.4	20		B5
	56	573	1.1	25		B5
	47	655	1.2	30		B5
	35	862	0.8	40		B5
	70	458	2.0	20	CM130	B5
	56	566	1.6	25		B5
	47	647	1.6	30		B5
	35	829	1.3	40		B5
	28	1023	0.9	50		B5
132L6 (900 min ⁻¹)	120	280	2.4	7.5	CM110	B5/B14
	90	369	2.0	10		B5/B14
	60	535	1.5	15		B5/B14
	45	705	1.1	20		B5/B14
	45	696	1.5	20	CM130	B5/B14
	36	860	1.2	25		B5/B14
	30	980	1.2	30		B5/B14

5.5

132SA2 (2800 min ⁻¹)	373	127	3.2	7.5	CM110	B5/B14
	280	167	2.7	10		B5/B14
	187	248	2.0	15		B5/B14
	140	326	1.5	20		B5/B14
	112	403	1.2	25		B5/B14
132S4 (1400 min ⁻¹)	187	250	2.2	7.5	CM110	B5/B14
	140	330	1.9	10		B5/B14
	93	484	1.4	15		B5/B14
	70	638	1.0	20		B5/B14
	56	788	0.8	25		B5/B14

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dati tecnici****Technical data**

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		
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5.5

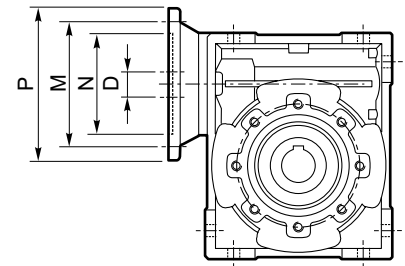
132S4 (1400 min ⁻¹)	187	250	3.0	7.5	CM130	B5/B14
	140	330	2.5	10		B5/B14
	93	484	1.9	15		B5/B14
	70	630	1.4	20		B5/B14
	56	778	1.2	25		B5/B14
	47	889	1.2	30		B5/B14
	35	1141	0.9	40		B5/B14

7.5

132SB2 (2800 min ⁻¹)	373	173	2.4	7.5	CM110	B5/B14
	280	228	2.0	10		B5/B14
	187	338	1.5	15		B5/B14
	140	445	1.1	20		B5/B14
	112	550	0.9	25		B5/B14
132MA4 (1400 min ⁻¹)	187	341	1.6	7.5	CM110	B5/B14
	140	450	1.4	10		B5/B14
	93	660	1.0	15		B5/B14
	70	870	0.8	20		B5/B14
	187	341	2.2	7.5	CM130	B5/B14
	140	450	1.8	10		B5/B14
	93	660	1.4	15		B5/B14
	70	860	1.1	20		B5/B14
	56	1062	0.9	25		B5/B14
	47	1213	0.9	30		B5/B14


Motori applicabili
IEC Motor adapters

	IEC	N	M	P	D	i													
						5	7.5	10	15	20	25	30	40	50	60	80	100		
CM026	56B14	50	65	80	9														
	63B5	95	115	140	11														
CM030	63B14	60	75	90	11														
	56B5	80	100	120	9	B	B	B	B	B	B	B	B	B					
	56B14	50	65	80	9														
	71B5	110	130	160	14														
CM040	71B14	70	85	105	14														
	63B5	95	115	140	11	B	B	B	B	B	B	B	B						
	63B14	60	75	90	11														
	56B5	80	100	120	9	BS	BS	BS	BS	BS	BS	BS	BS	B	B	B	B		
	56B14	50	65	80	9														
	80B5	130	165	200	19														
CM050	80B14	80	100	120	19														
	71B5	110	130	160	14	B	B	B	B	B	B								
	71B14	70	85	105	14														
	63B5	95	115	140	11	BS	BS	BS	BS	BS	BS	BS	B	B	B	B			
	63B14	60	75	90	11														
	90B5	130	165	200	24														
CM063	90B14	95	115	140	24														
	80B5	130	165	200	19	B	B	B	B	B	B								
	80B14	80	100	120	19														
	71B5	110	130	160	14	BS	BS	BS	BS	BS	BS	B	B	B					
	71B14	70	85	105	14														
	100/112B5	180	215	250	28														
CM075	100/112B14	110	130	160	28														
	90B5	130	165	200	24	B	B	B											
	90B14	95	115	140	24														
	80B5	130	165	200	19	BS	BS	BS	B	B	B	B							
	80B14	80	100	120	19														
	71B5	110	130	160	14				BS	BS	BS	BS	B	B	B	B			
CM090	100/112B5	180	215	250	28														
	100/112B14	110	130	160	28														
	90B5	130	165	200	24	B	B	B	B	B	B								
	90B14	95	115	140	24														
	80B5	130	165	200	19	BS	BS	BS	BS	BS	BS	B	B	B					
	80B14	80	100	120	19														
CM110	132B5	230	265	300	38														
	132B14	130	165	200	38														
	100/112B5	180	215	250	28	B	B	B	B	B									
	90B5	130	165	200	24	BS	BS	BS	BS	B	B	B	B	B					
	80B5	130	165	200	19						BS	BS	BS	BS	B	B			
CM130	132B5	230	265	300	38														
	132B14	130	165	200	38														
	100/112B5	180	215	250	28	B	B	B	B	B	B	B							
	90B5	130	165	200	24	BS	BS	BS	BS	BS	BS	BS	B	B	B	B			



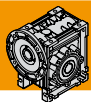
N.B.

Le aree evidenziate in grigio indicano l'applicabilità della corrispondente grandezza motore.

N.B. Grey areas indicate motor inputs available on each size of unit.

B/BS = **Boccola di riduzione in acciaio** (vedi pag. S6)

B/BS = **Metal shaft sleeve** (see page S6)



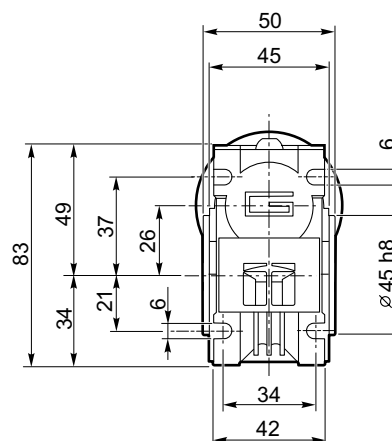
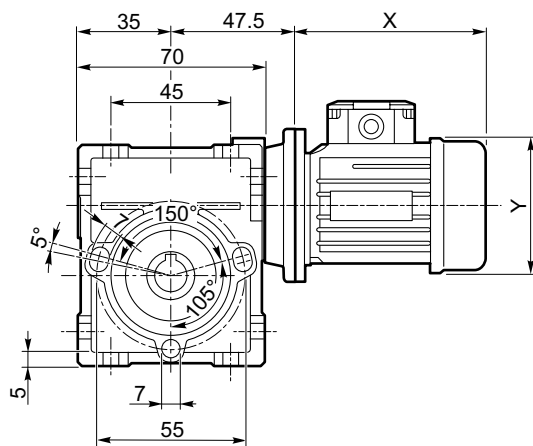
CM

RIDUTTORI A VITE SENZA FINE
WORMGEARBOXES

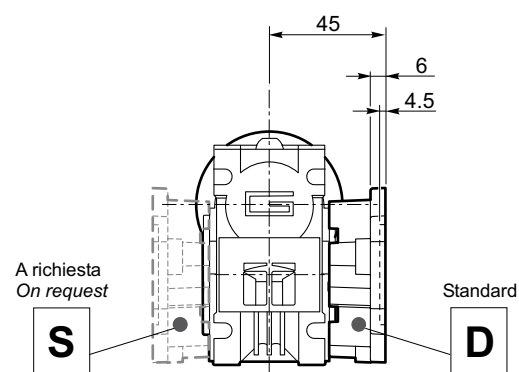
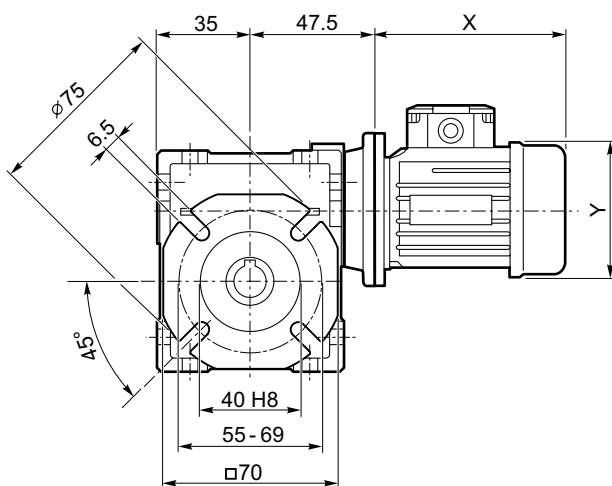
Dimensioni

Dimensions

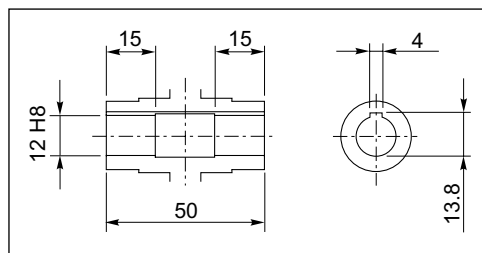
CM 026 U



CM 026 F

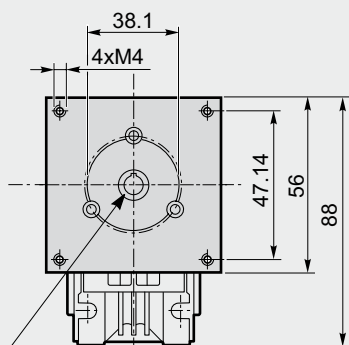


Kg
0.8



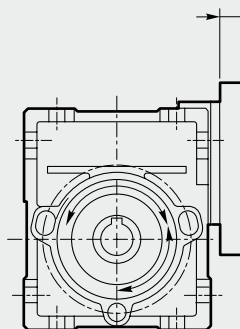
Albero lento cavo / Hollow output shaft

CM 026 .. con flangia NEMA23 / with NEMA23 flange



Connessione con boccia o giunto in funzione del diametro dell'albero motore.

Connection with sleeve or coupling depending on motorshaft's diameter.



Lo spessore della flangia è variabile in funzione delle diverse lunghezze dell'albero motore.

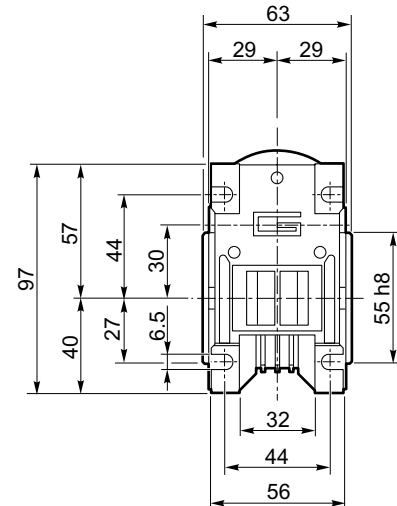
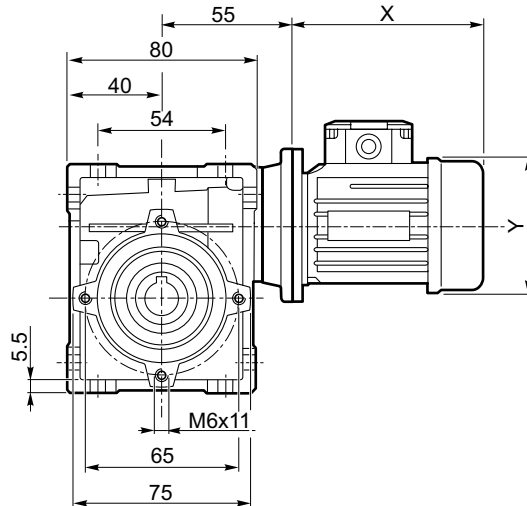
Flange's thickness may vary depending on motorshaft's length.



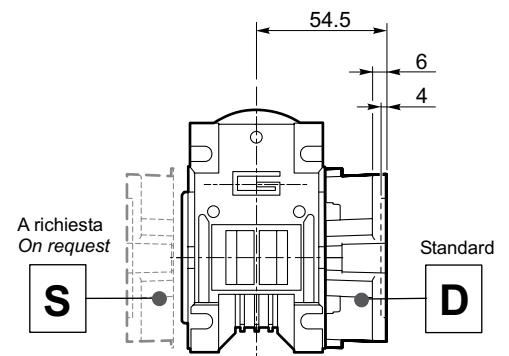
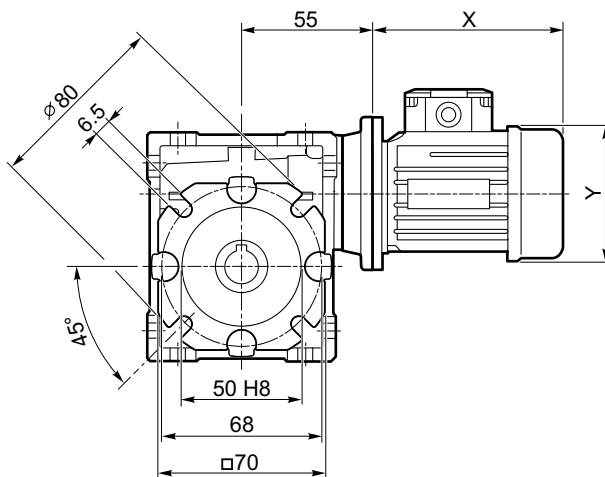
Dimensioni

Dimensions

CM 030 U

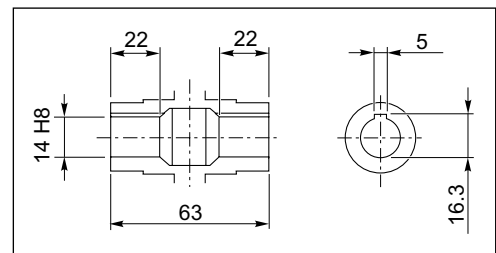
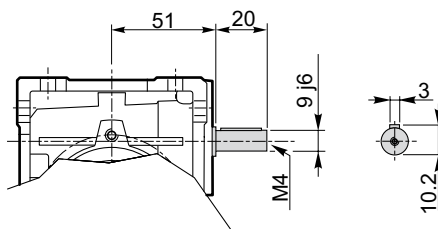


CM 030 F



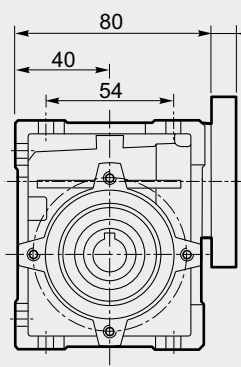
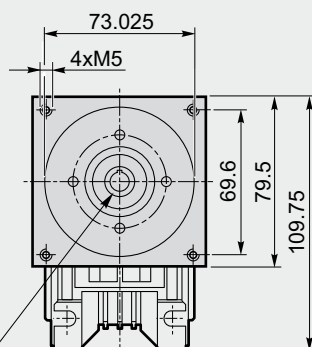
Kg
1.2

CMIS 030 ..



Albero lento cavo / Hollow output shaft

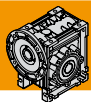
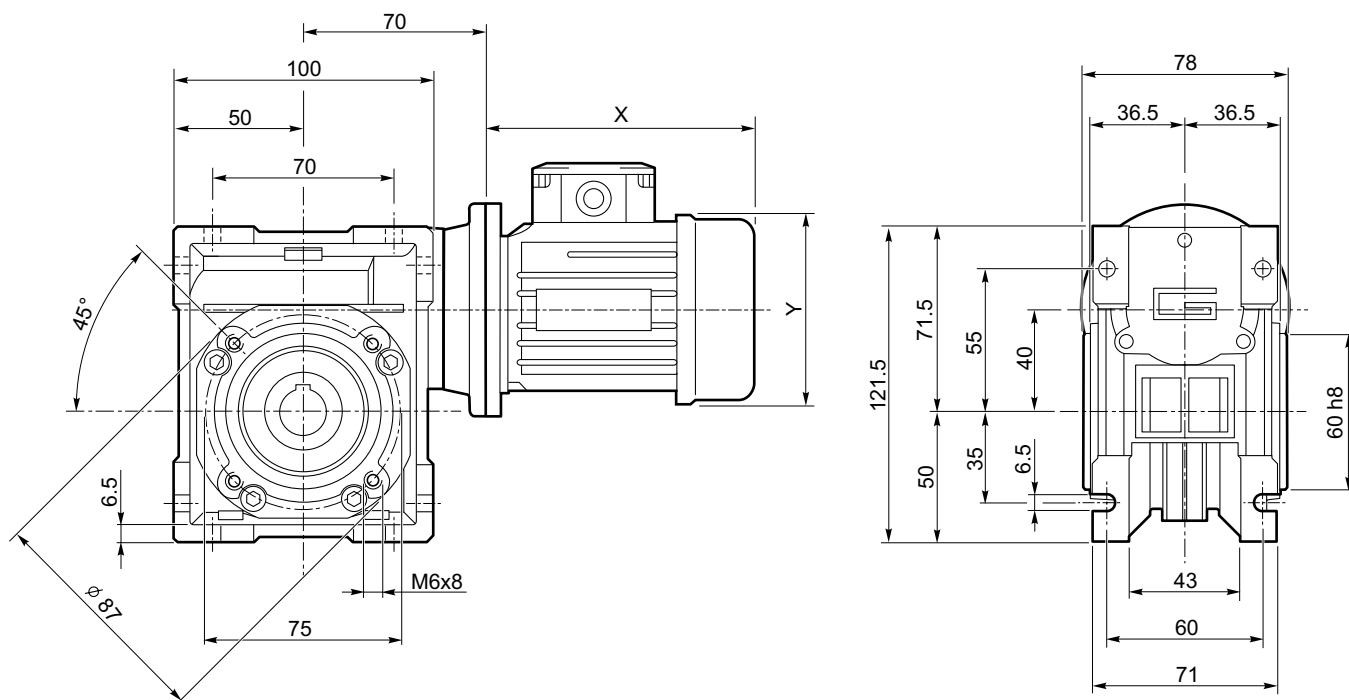
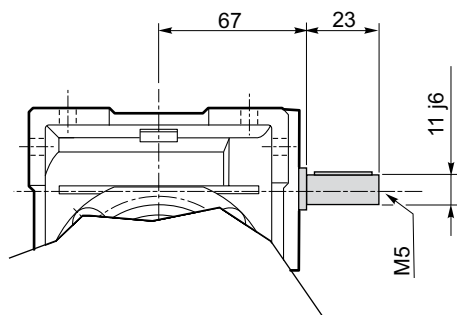
CM 030 .. con flangia NEMA34 / with NEMA34 flange



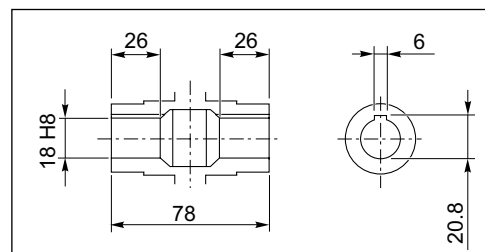
Lo spessore della flangia è variabile in funzione delle diverse lunghezze dell'albero motore.
Flange's thickness may vary depending on motorshaft's length.

Connessione con boccia o giunto in funzione del diametro dell'albero motore.

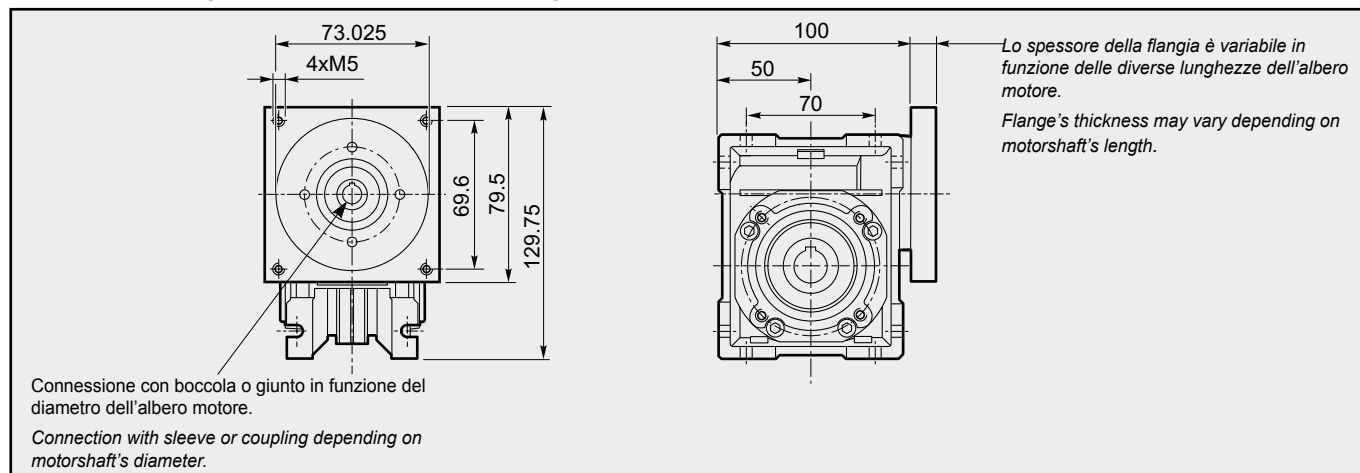
Connection with sleeve or coupling depending on motorshaft's diameter.

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dimensioni****Dimensions****CM 040 U****CMIS 040 ..**

2.3



Albero lento cavo / Hollow output shaft

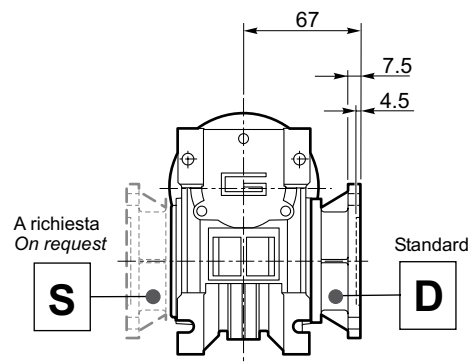
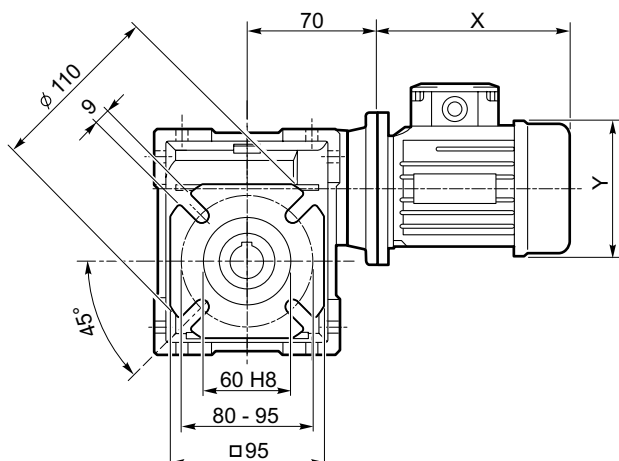
CM 040 .. con flangia NEMA34 / with NEMA34 flange



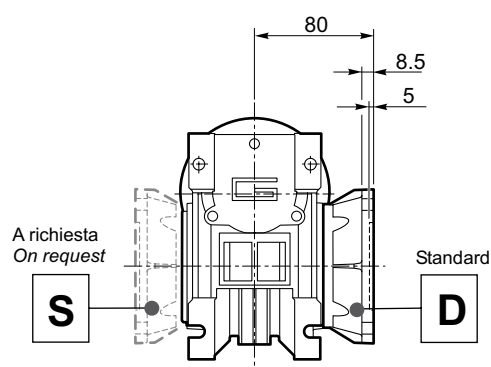
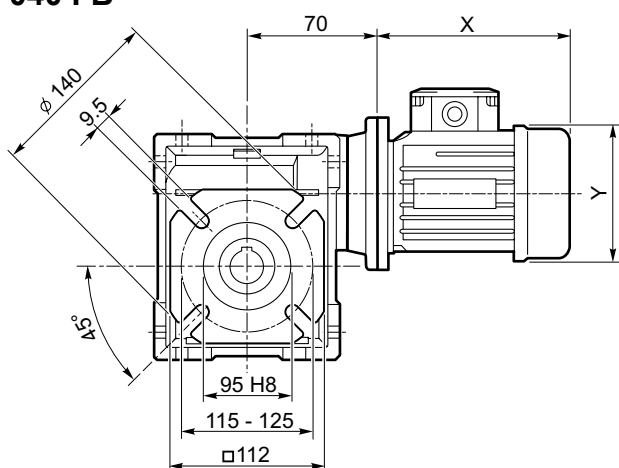
Dimensioni

Dimensions

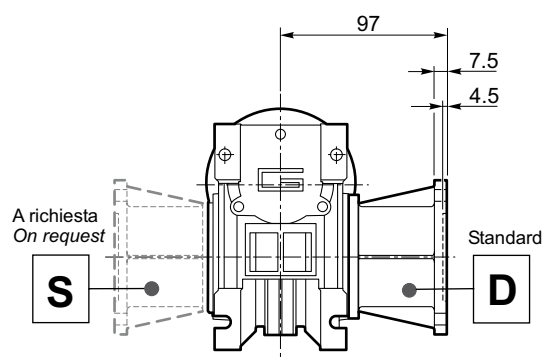
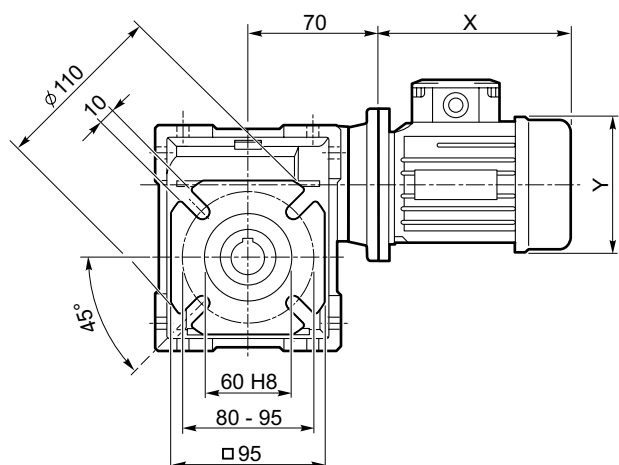
CM 040 F

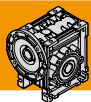
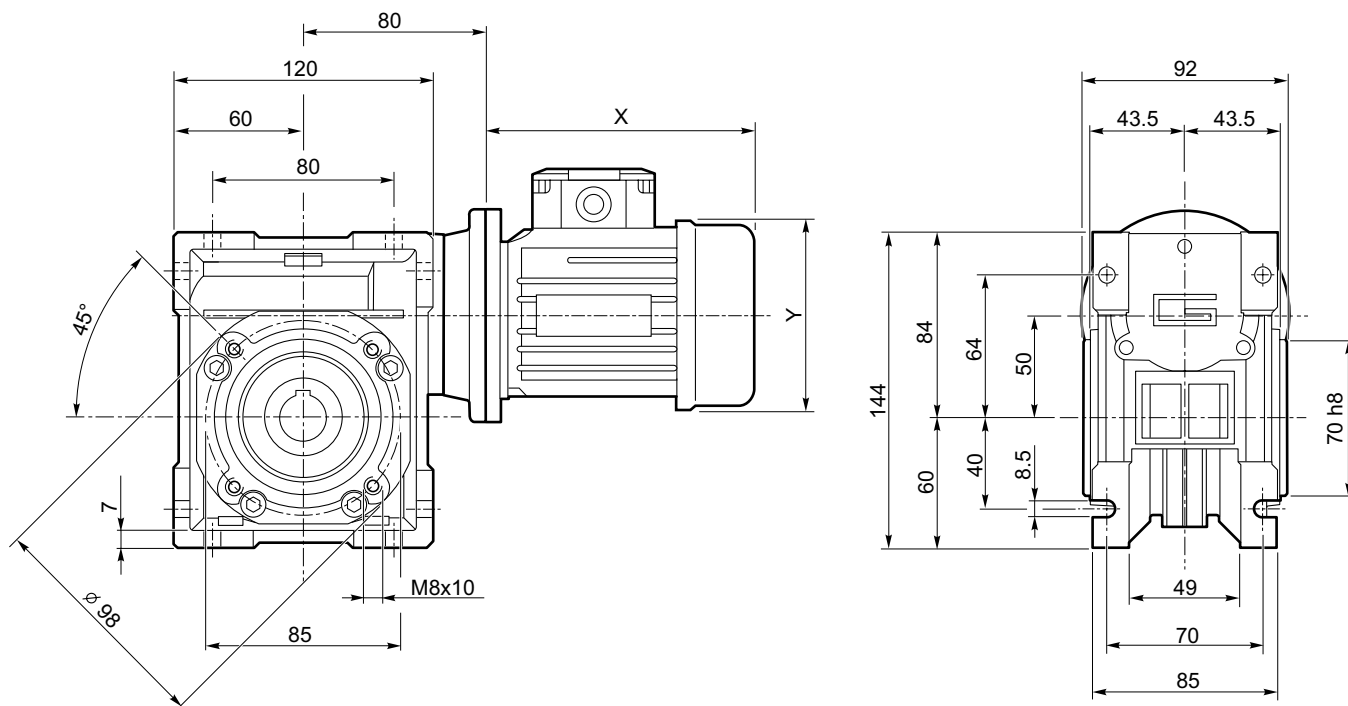
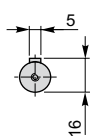
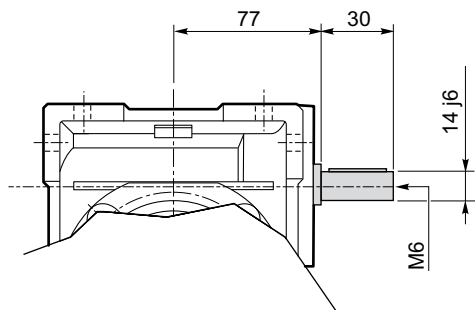
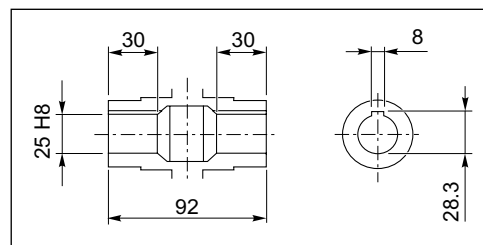


CM 040 FB

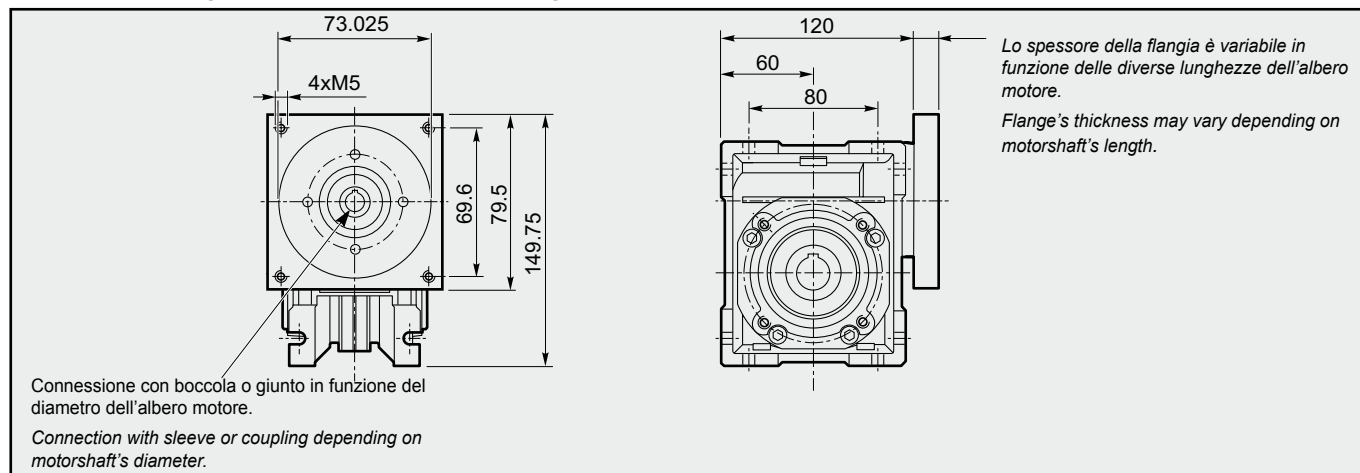


CM 040 FL



**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dimensioni****Dimensions****CM 050 U****CMIS 050 ..****Kg**
3.5

Albero lento cavo / Hollow output shaft

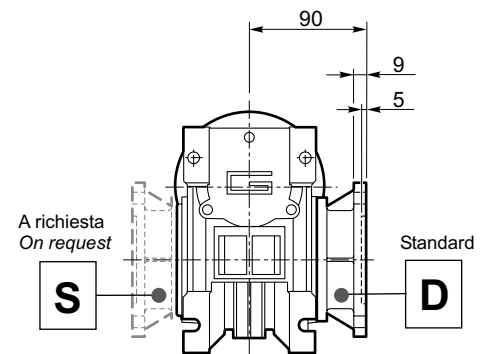
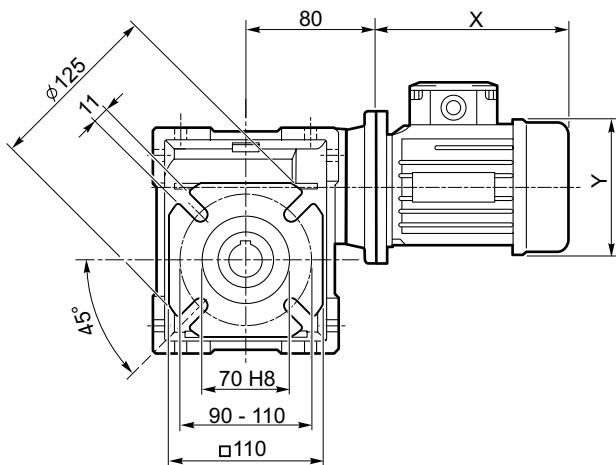
CM 050 .. con flangia NEMA34 / with NEMA34 flange



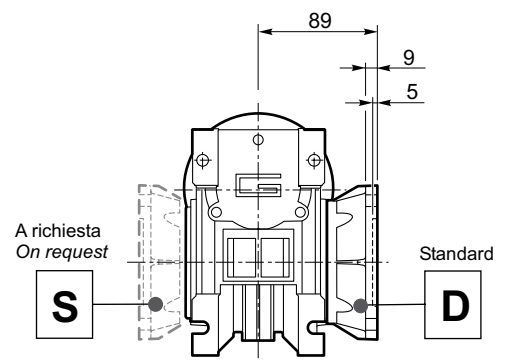
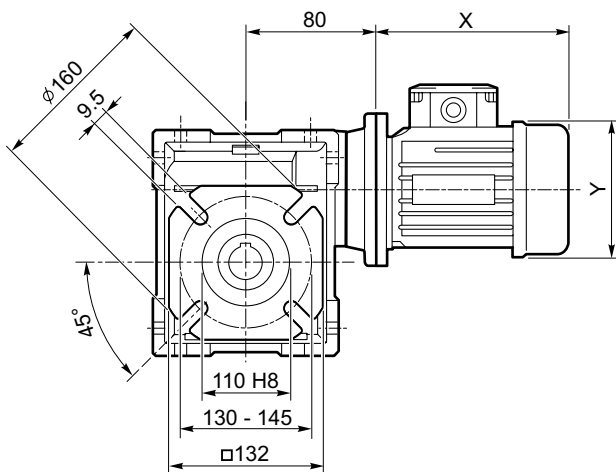
Dimensioni

Dimensions

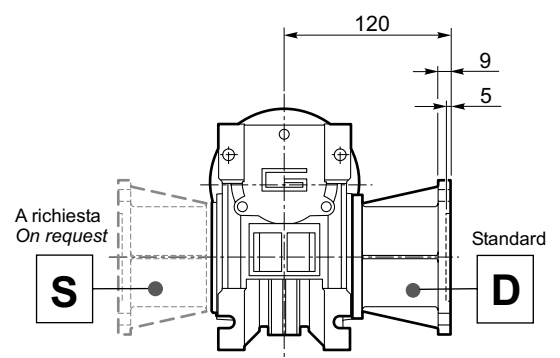
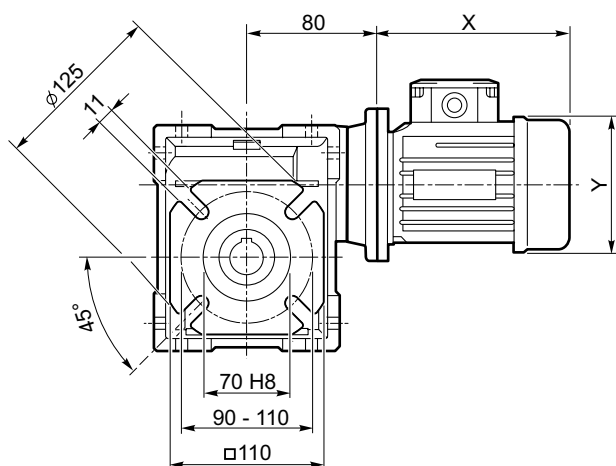
CM 050 F

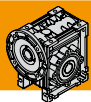
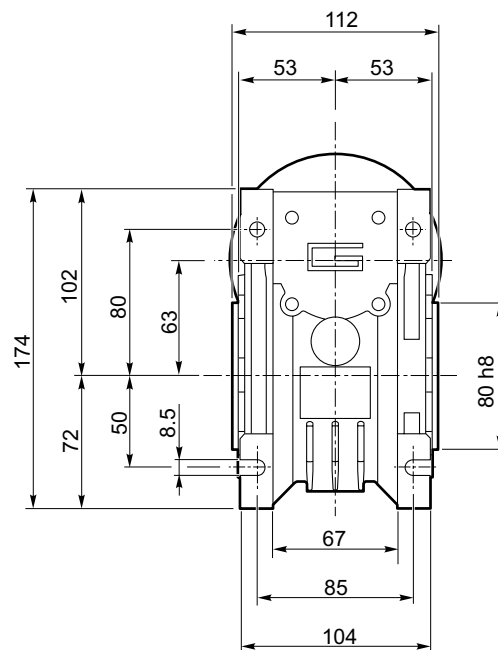
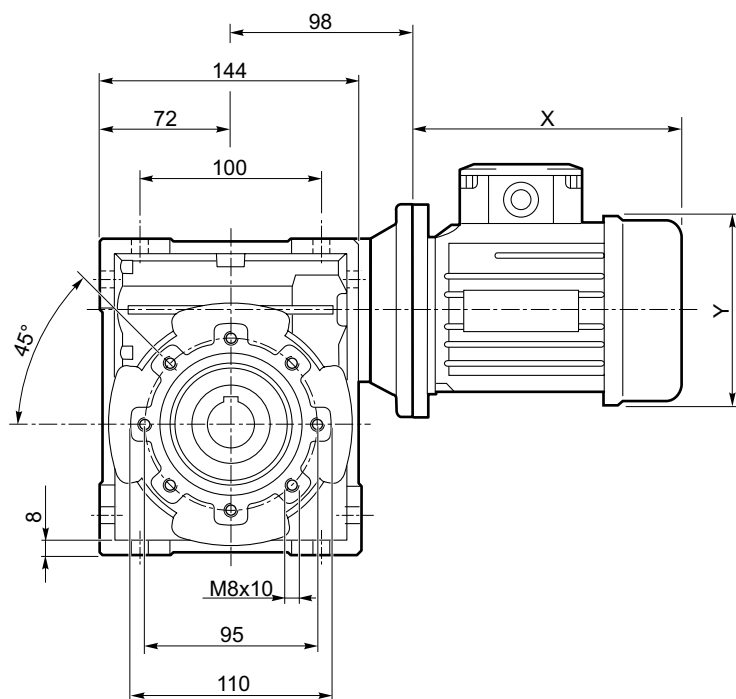
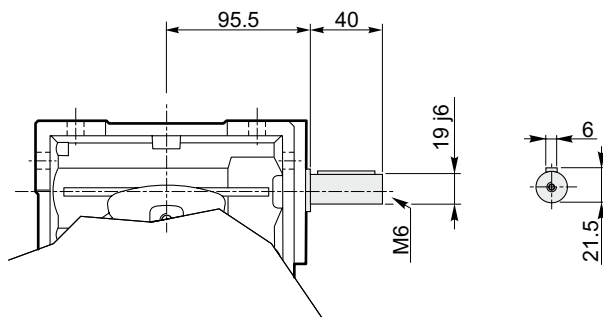
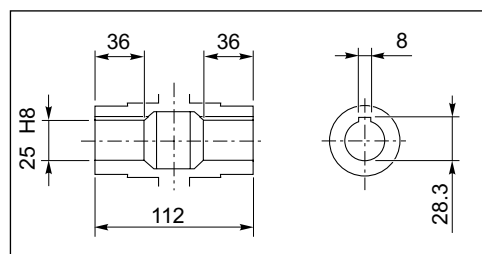


CM 050 FB



CM 050 FL



**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dimensioni****Dimensions****CM 063 U****CMIS 063 ..****Kg**
6.2

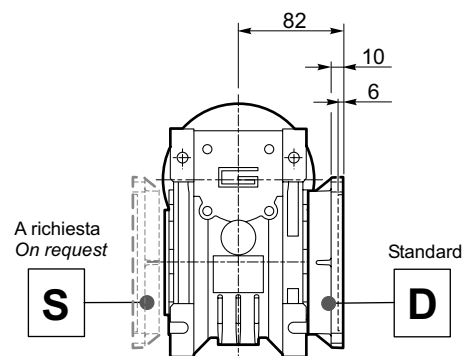
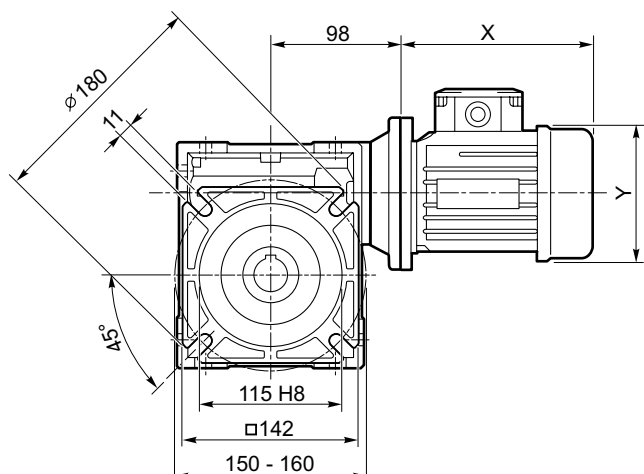
Albero lento cavo / Hollow output shaft



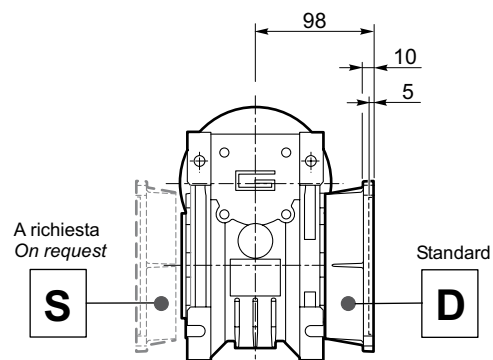
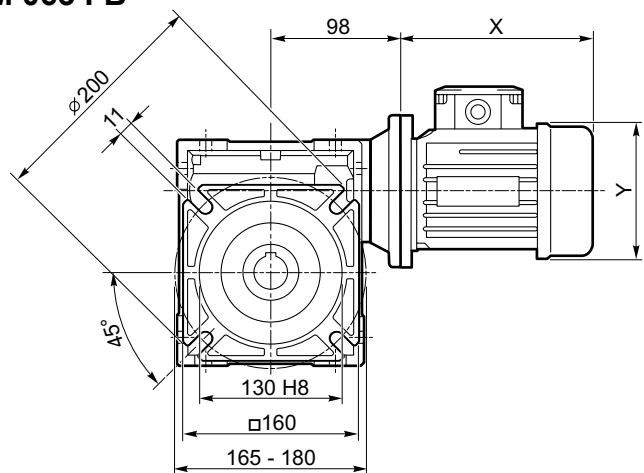
Dimensioni

Dimensions

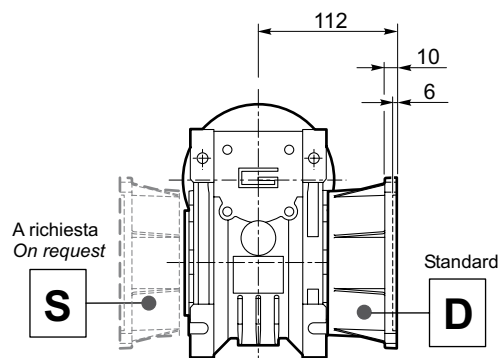
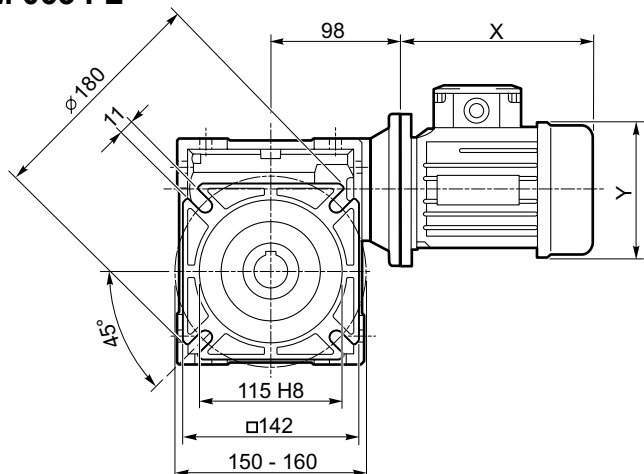
CM 063 F

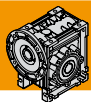
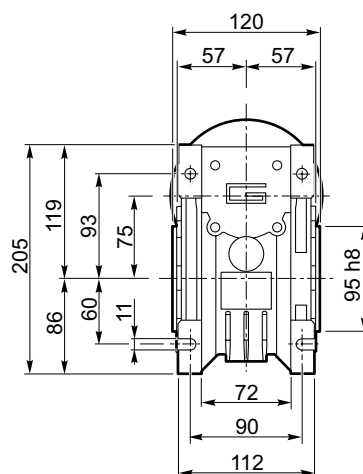
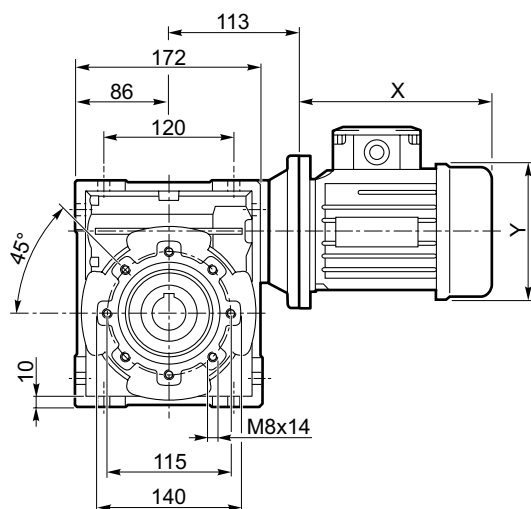
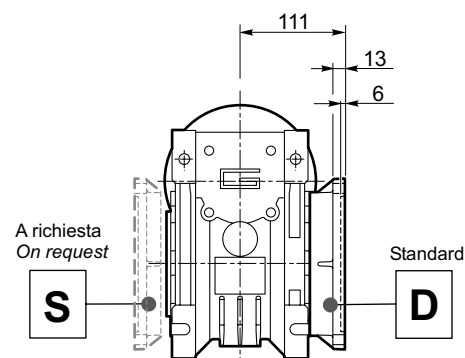
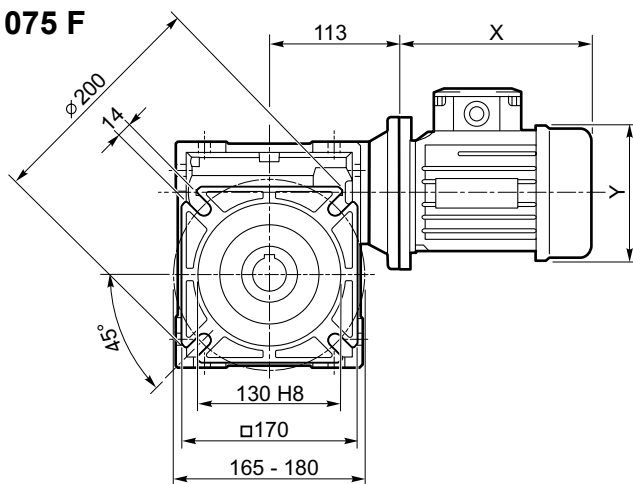
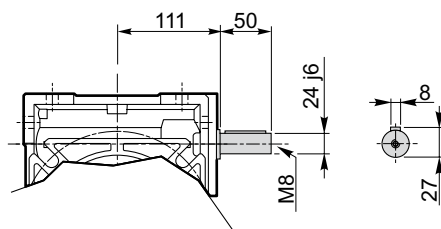
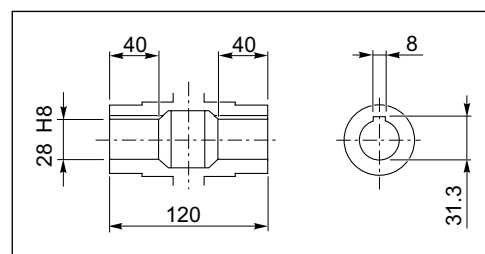


CM 063 FB



CM 063 FL



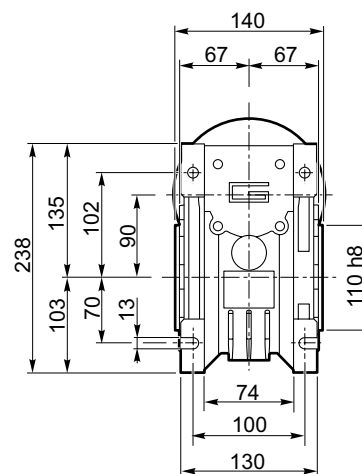
**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dimensioni****Dimensions****CM 075 U****CM 075 F****CMIS 075 ..****Kg**
9.0

Albero lento cavo / Hollow output shaft

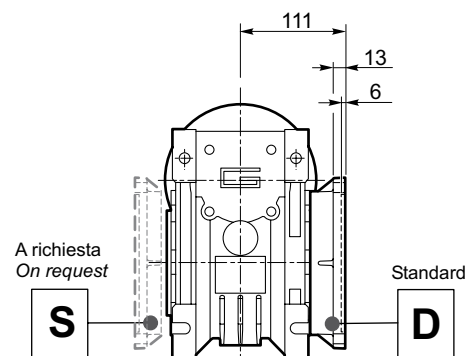
Dimensions

Technical drawing of the 1000 Series Motor Mounting Bracket. The drawing includes a front view and a side view with the following dimensions:

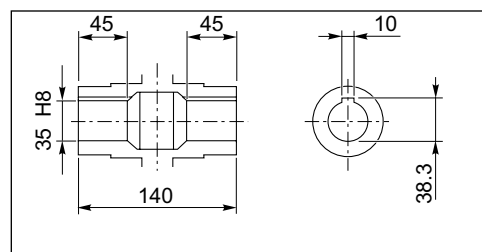
- Front View Dimensions:**
 - Overall width: 130
 - Distance from left face to center of mounting holes: 208
 - Distance between mounting holes: 103
 - Distance from center of mounting holes to right face: 140
 - Overall height: 11
 - Distance from bottom face to center of mounting holes: 130
 - Overall depth: 160
 - Mounting hole size: M10x18
 - Angle of mounting holes: 45°
- Side View Dimensions:**
 - Motor mounting distance: X
 - Motor mounting height: Y



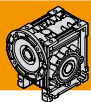
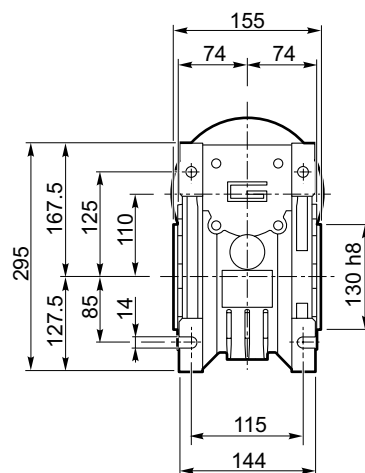
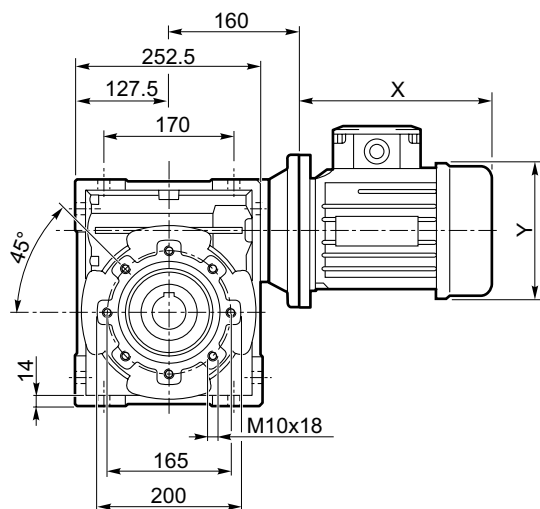
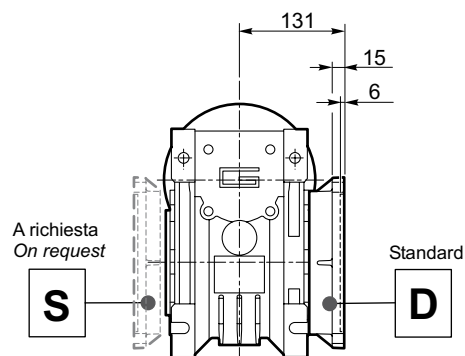
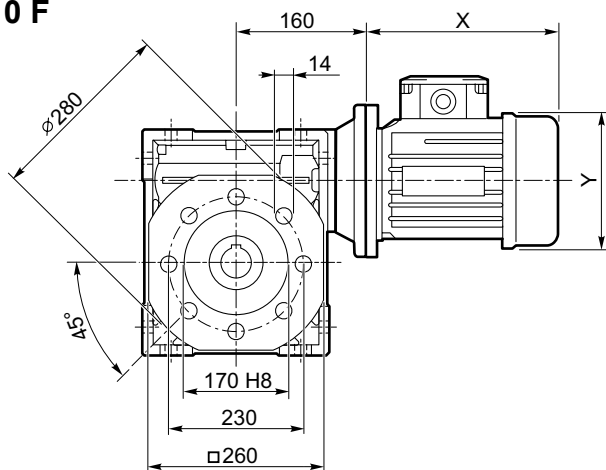
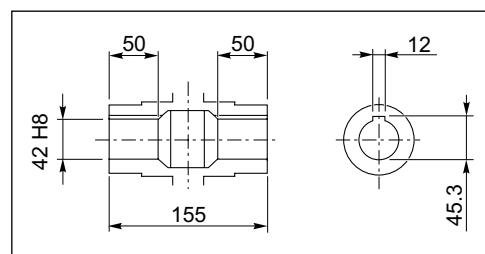
Technical drawing of the 090 F motor showing dimensions: 130, X, 152 H8, 200, 175 - 190, 45°, 14, and Ø210.



Technical drawing of a mechanical part, likely a valve or actuator, showing a cross-section and a side view. The cross-section shows a complex internal structure with a central shaft. Dimensions are given in millimeters: 128, 50, 24 ± 0.06, 8, and 27. The shaft is labeled M8.



Albero lento cavo / *Hollow output shaft*

**CM****RIDUTTORI A VITE SENZA FINE**
WORMGEARBOXES**Dimensioni****Dimensions****CM 110 U****CM 110 F****Kg**
21

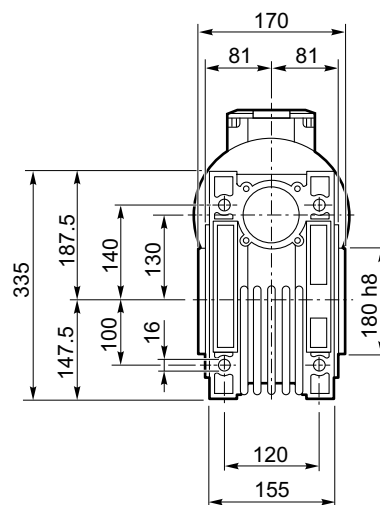
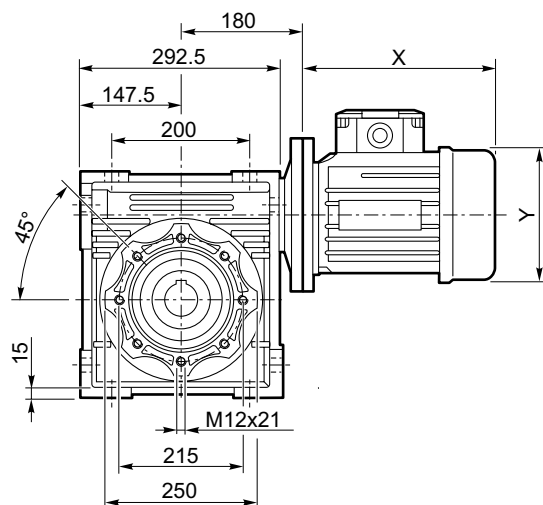
Albero lento cavo / Hollow output shaft



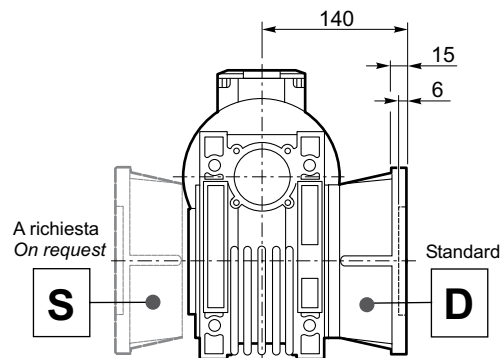
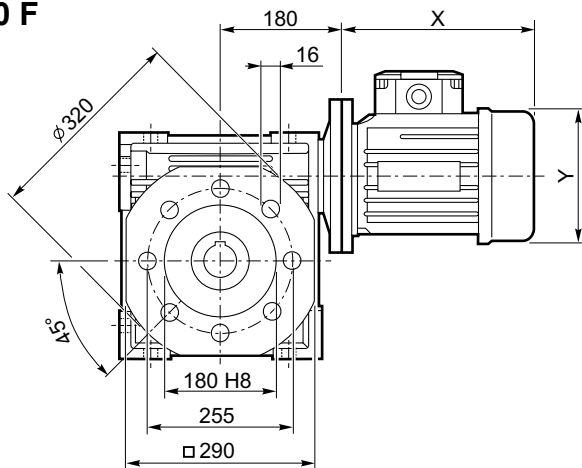
Dimensioni

Dimensions

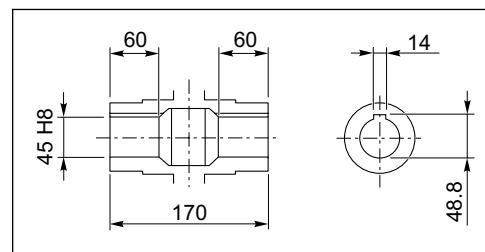
CM 130 U



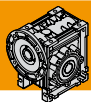
CM 130 F



48



Albero lento cavo / Hollow output shaft



CM

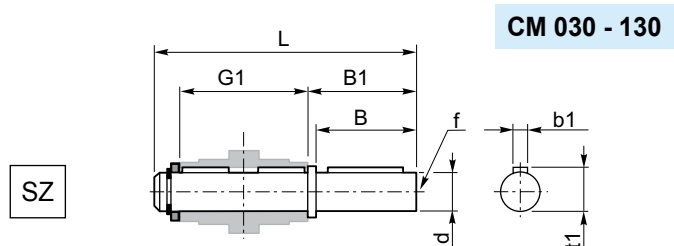
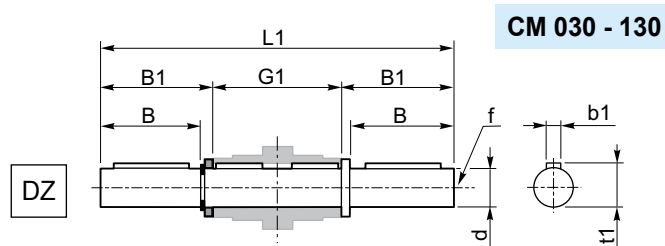
RIDUTTORI A VITE SENZA FINE
WORMGEARBOXES

Accessori

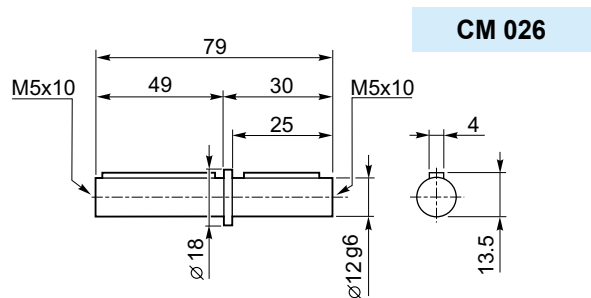
Accessories

Albero lento

Output shaft



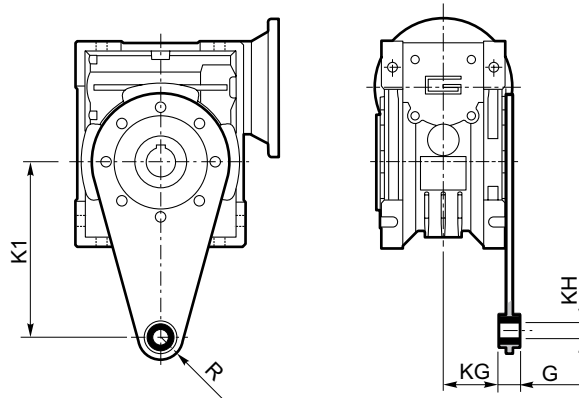
	d h7	B	B1	G1	L	L1	f	b1	t1
CM 030	14	30	32.5	63	102	128	M6	5	16
CM 040	18	40	43	78	128	164	M6	6	20.5
CM 050	25	50	53.5	92	153	199	M10	8	28
CM 063	25	50	53.5	112	173	219	M10	8	28
CM 075	28	60	63.5	120	192	247	M10	8	31
CM 090	35	80	84.5	140	234	309	M12	10	38
CM 110	42	80	84.5	155	249	324	M16	12	45
CM 130	45	80	85	170	265	340	M16	14	48.5



Braccio di reazione

Torque arm

	K1	G	KG	KH	R
CM 030	85	14	23	8	15
CM 040	100	14	31	10	18
CM 050	100	14	38	10	18
CM 063	150	14	47.5	10	18
CM 075	200	25	46.5	20	30
CM 090	200	25	56.5	20	30
CM 110	250	30	62	25	35
CM 130	250	30	69	25	35

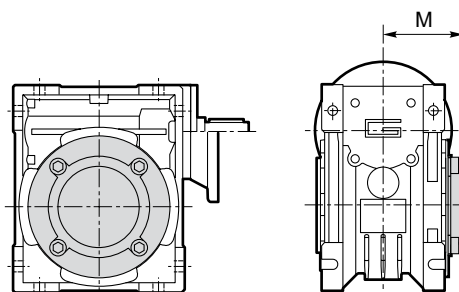
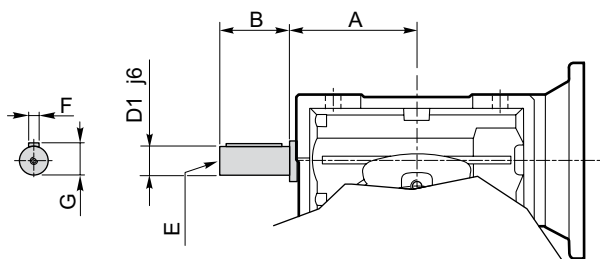


Opzioni

Options

VS - Vite sporgente / Extended input shaft

PC - Coperchio di protezione / Plastic cover



	A	B	D ₁ j6	E	F	G
CM 030	45	20	9	M4	3	10.2
CM 040	53	23	11	M5	4	12.5
CM 050	64	30	14	M6	5	16
CM 063	75	40	19	M6	6	21.5
CM 075	90	50	24	M8	8	27
CM 090	108	50	24	M8	8	27

	M
CM 030	47
CM 040	54.5
CM 050	62.5
CM 063	73
CM 075	79
CM 090	94
CM 110	102
CM 130	117