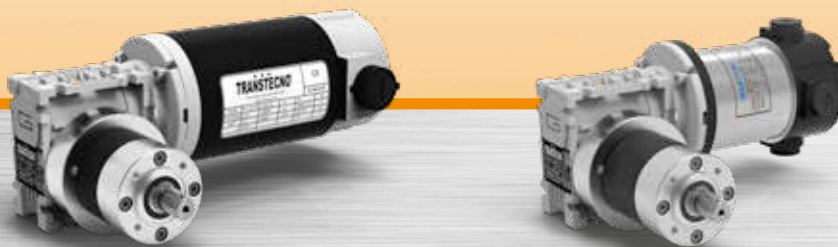
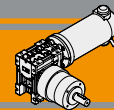


Motoriduttori CC combinati
DC double reduction gearmotors

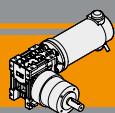




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Versioni	<i>Versions</i>	BM2
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Carichi radiali	<i>Radial loads</i>	BM3
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Questa sezione annulla e sostituisce ogni precedente edizione o revisione. Qualora questa sezione non Vi sia giunta in distribuzione controllata, l'aggiornamento dei dati ivi contenuto non è assicurato. **In tal caso la versione più aggiornata è disponibile sul nostro sito internet www.transtecno.com**

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**NDWMP
ECWMP**

Motoriduttori CC combinati
DC Double reduction gearmotors



Caratteristiche tecniche

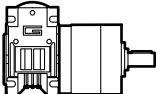
Technical features

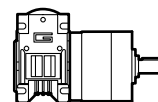
L'accoppiamento di un riduttore a vite senza fine con un riduttore epicicloidale consente di ottenere elevati rapporti di riduzione ($i_{\max} = 1/18452$) e di disporre di un gruppo autolubrificato compatto, silenzioso e con un'elevata affidabilità.

The coupling of a wormgearbox to a planetary gearbox allows to obtain high reduction ratios ($i_{\max} = 1/18452$) and to get a compact, silent, self lubricated with high reliability group.

Designazione

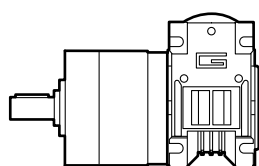
Classification

MOTORIDUTTORE / GEARMOTOR									
NDWMP	120/026/52		2	CD	90	405	240	BR	
Tipo Type	Grandezza Size		Numero stadi epicicloidale Planetary stages number	Versione Riduttore Gearbox Version	Flangia Uscita Output flange	Rapporto Ratio	Versione Motore Motor Version	Opzioni Options	
	NDWMP	120/026/52	180/026/62	1	US	80	Vedere tabella See tables	120	BR
		120/026/62		2	UD	90		240	BRL
				3	CS	105			
					CD	120			

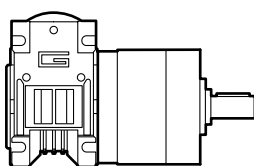
MOTORIDUTTORE / GEARMOTOR									
ECWMP	070/026/52			2	CD	90	405	240	BR
Tipo Type	Grandezza Size			Numero stadi epicicloidale Planetary stages number	Versione Riduttore Gearbox Version	Flangia Uscita Output flange	Rapporto Ratio	Versione Motore Motor Version	Opzioni Options
	ECWMP	070/026/52	100/026/52	1	US	80	Vedere tabella See tables	120	BR BRL
		070/026/62	100/026/62	2	UD	90		240	
				3	CS	105		24E	
					CD	120			

Versioni

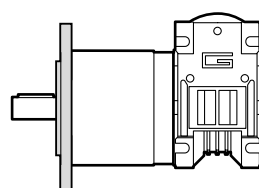
Versions



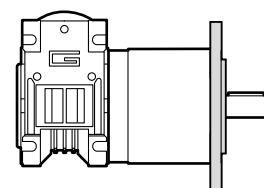
US



UD



CS

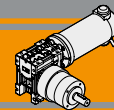


CD

Simbologia

Symbols

n_1	[min ⁻¹]	Velocità in ingresso / Input speed
n_2	[min ⁻¹]	Velocità in uscita / Output speed
i		Rapporto di riduzione / Ratio
P_1	[kW]	Potenza in entrata / Input power
M_n	[Nm]	Coppia nominale in uscita del riduttore / Maximum output torque of the gearbox
M_2	[Nm]	Coppia in uscita in funzione di P_1 / Output torque referred to P_1
sf		Fattore di servizio / Service factor
R_d	%	Rendimento dinamico / Dynamic efficiency
A_2	[N]	Carico assiale ammissibile in uscita / Permitted output axial load
R_2	[N]	Carico radiale ammissibile in uscita / Permitted output radial load



Lubrificazione

Lubrication

I riduttori a vite senza fine della serie CM sono lubrificati a vita con olio sintetico di viscosità 320 e possono essere installati in qualunque posizione di montaggio.

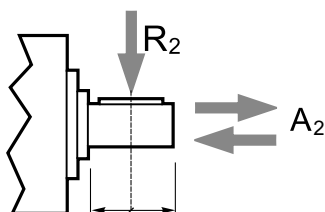
Permanent synthetic oil long-life lubrication allow to use CM wormgearbox range in all mounting position.

I riduttori epicicloidali sono lubrificati in modo permanente, non richiedono quindi ulteriore manutenzione. Questo gli consente di essere installati praticamente ovunque.

Planetary gearboxes are life-time lubricated with grease, therefore they are maintenance free. They can be installed in any location.

Carichi radiali

Radial loads



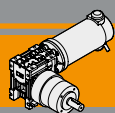
Numero di stadi Stages number	Carichi Radiali R_2 [N] Radial Load R_2 [N]		
	P52	P62	P81
1	200	240	400
2	320	360	600
3	450	520	1000

Numero di stadi Stages number	Carichi Assiali A_2 [N] Axial Load A_2 [N]		
	P52	P62	P81
1	60	70	80
2	100	100	120
3	150	150	200

Rapporti

Ratios

Motoriduttore Gearmotor	Numero stadi epicicloidale Planetary stages number	Rapporto epicicloidale Planetary ratio	Rapporto vite senza fine Wormgearbox ratio	Rapporto finale Total ratio
.../026/052 .../026/062	1	6.75	10	67.5
			15	101.3
			20	135
			30	202.5
			40	270
			50	337.5
	2	25.01	60	405
			10	250.1
			15	375.15
			20	500.2
			30	750.3
			40	1000.4
			50	1250.5
			60	1500.6
		45.56	60	2734



NDWMP

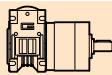
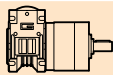
Motoriduttori CC combinati DC Double reduction gearmotors



Dati tecnici per servizio S2

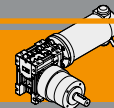
NDWMP

Technical data for S2 duty

P ₁ [W]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		Versione motore Motor version	P ₁ [W]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		Versione motore Motor version
160							250						
(3000 min ⁻¹)	44.4	22.8	1.1	67.5	120/026/521	120/240	(3000 min ⁻¹)	44.4	25.0	1.0	67.5	180/026/521	120/240
	29.6	25.0	1.0	101.3									
	22.2	25.0	1.0	135				44.4	35.7	1.1	67.5		
	14.8	25.0	1.0	202.5				29.6	40.0	1.0	101.3		
	11.1	25.0	1.0	270									
	8.9	25.0	1.0	337.5									
	7.4	25.0	1.0	405									
	12.0	25.0	1.0	250.1	120/026/522	120/240							
	8.0	25.0	1.0	375.15									
	6.0	25.0	1.0	500.2									
	4.0	25.0	1.0	750.3									
	3.0	25.0	1.0	1000.4									
	2.4	25.0	1.0	1250.5									
	2.0	25.0	1.0	1500.6									
	1.1	25.0	1.0	2734									
	44.4	23	1.7	67.5	120/026/621	120/240							
	29.6	34	1.2	101.3									
	22.2	40	1.0	135.0									
	14.8	40	1.0	202.5									
	11.1	40	1.0	270.0									
	8.9	40	1.0	337.5									
	7.4	40	1.0	405.0									
	12.0	50.0	1.0	250.1	120/026/622	120/240							
	8.0	50.0	1.0	375.15									
	6.0	50.0	1.0	500.2									
	4.0	50.0	1.0	750.3									
	3.0	50.0	1.0	1000.4									
	2.4	50.0	1.0	1250.5									
	2.0	50.0	1.0	1500.6									
	1.1	50.0	1.0	2734									

Nota: Verificare sempre che la coppia M₂ utilizzata non ecceda il valore indicato nelle caselle in grigio

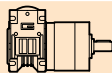
Note: Please check that the output torque M₂ does not exceed the value into the grey areas

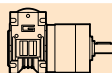


Dati tecnici per servizio S2

ECWMP

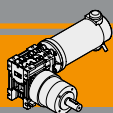
Technical data for S2 duty

P ₁ [W]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		Versione motore Motor version
100						
(3000 min ⁻¹)	44.4	14	1.8	67.5	070/026/521	120/240
	29.6	21	1.2	101.3		
	22.2	25	1.0	135.0		
	14.8	25	1.0	202.5		
	11.1	25	1.0	270.0		
	8.9	25	1.0	337.5		
	7.4	25	1.0	405		
	12.0	25.0	1.0	250.1	070/026/522	120/240
	8.0	25.0	1.0	375.15		
	6.0	25.0	1.0	500.2		
	4.0	25.0	1.0	750.3		
	3.0	25.0	1.0	1000.4		
	2.4	25.0	1.0	1250.5		
	2.0	25.0	1.0	1500.6		
	1.1	25.0	1.0	2734		
	44.4	14.3	2.8	67.5	070/026/621	120/240
	29.6	20.1	2.0	101.3		
	22.2	25.4	1.6	135		
	14.8	34.0	1.2	202.5		
	11.1	40.0	1.0	270		
	8.9	40.0	1.0	337.5		
	7.4	40.0	1.0	405		
	12.0	50.0	1.0	250.1	070/026/622	120/240
	8.0	50.0	1.0	375.15		
	6.0	50.0	1.0	500.2		
	4.0	50.0	1.0	750.3		
	3.0	50.0	1.0	1000.4		
	2.4	50.0	1.0	1250.5		
	2.0	50.0	1.0	1500.6		
	1.1	50.0	1.0	2734		

P ₁ [W]	n ₂ [min ⁻¹]	M ₂ [Nm]	sf	i		Versione motore Motor version	
140							
(3000 min ⁻¹)	44.4	20	1.3	67.5	100/026/521	120/240/24E	
	29.6	25	1.0	101.3			
	44.4	20	2.0	67.5	100/026/621	120/240/24E	
	29.6	29	1.4	101.3			
	22.2	37	1.1	135.0			
	14.8	40	1.0	202.5			
	250						
	(3000 min ⁻¹)	44.4	25.0	1.0	67.5	180/026/521	120/240
44.4		37	1.1	67.5	180/026/621	120/240	
29.6		40	1.0	101.3			
22.2		40	1.0	135.0			

Nota: Verificare sempre che la coppia M₂ utilizzata non ecceda il valore indicato nelle caselle in grigio

Note: Please check that the output torque M₂ does not exceed the value into the grey areas



NDWMP
ECWMP

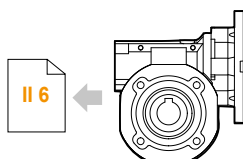
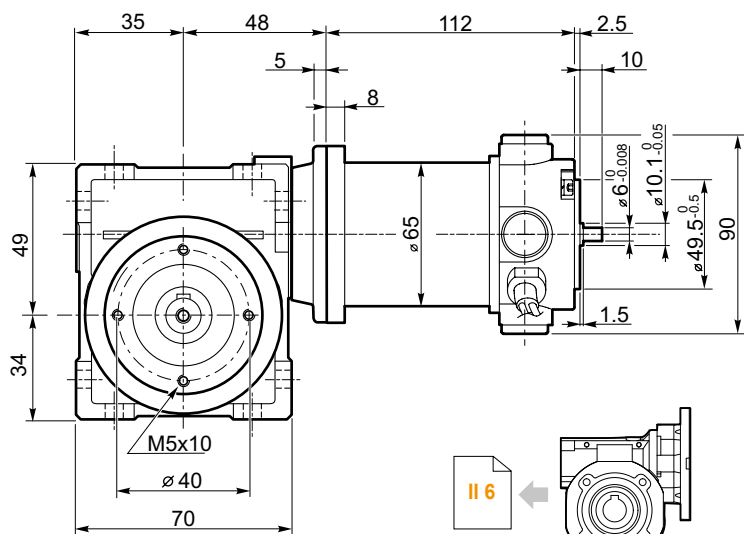
Motoriduttori CC combinati
DC Double reduction gearmotors

MINI
TECNO

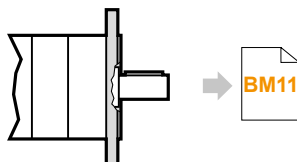
Dimensioni

Dimensions

NDWMP120/026/52...U



CL026



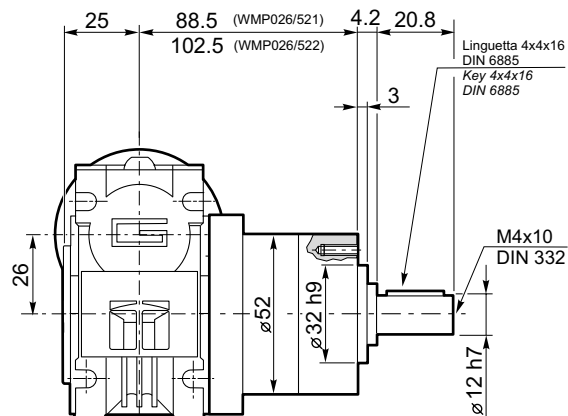
NDWMP120/026/52...C

Freno / Brake

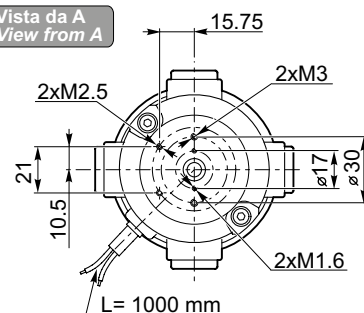
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Encoder

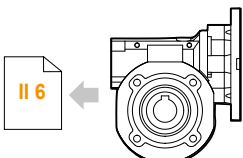
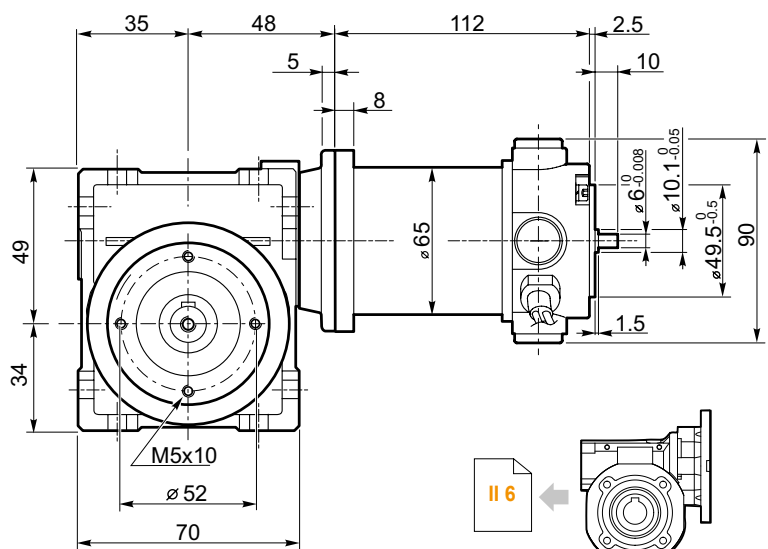
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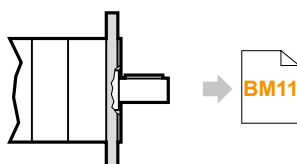
Vista da A
View from A



NDWMP120/026/62...U



CL026



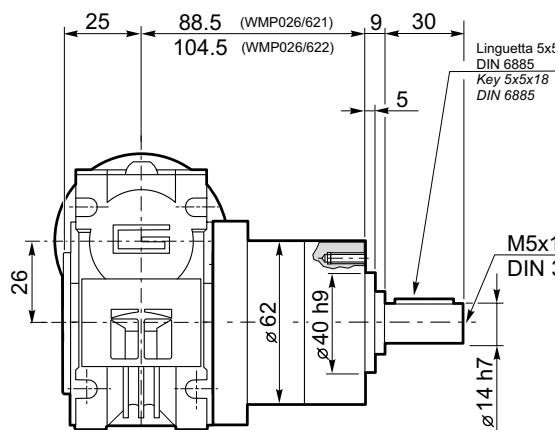
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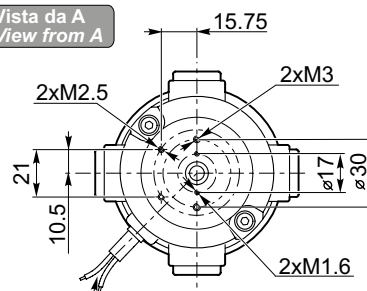
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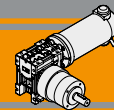
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BA9



Vista da A
View from A

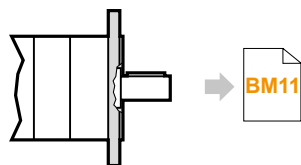
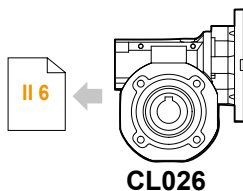
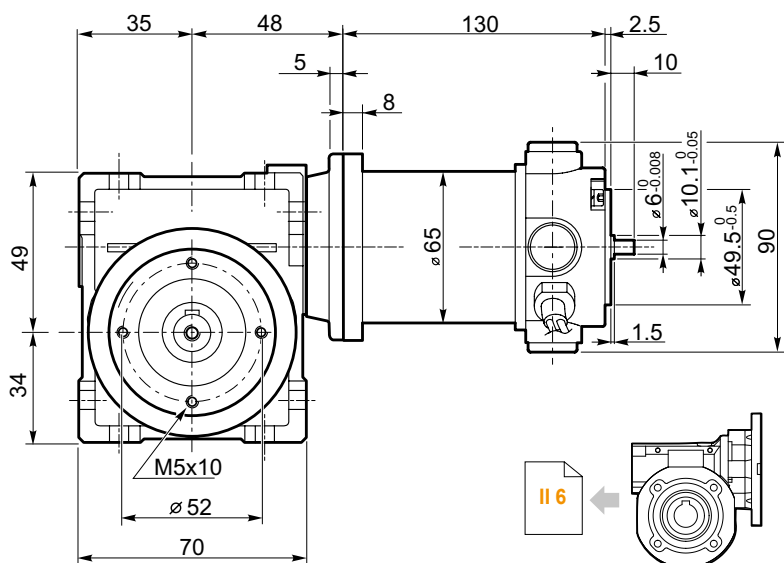




Dimensioni

Dimensions

NDWMP180/026/62...U



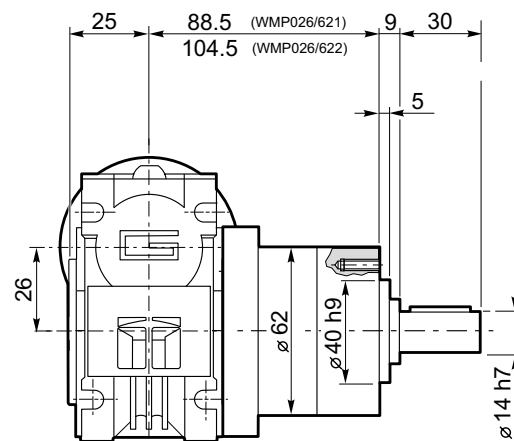
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Freno / Brake

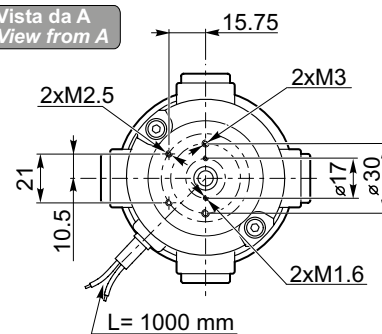
BA9

Encoder

BA9



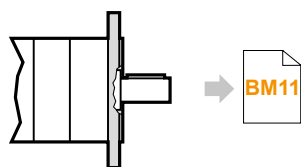
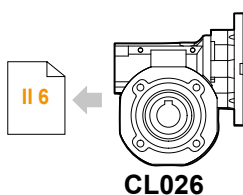
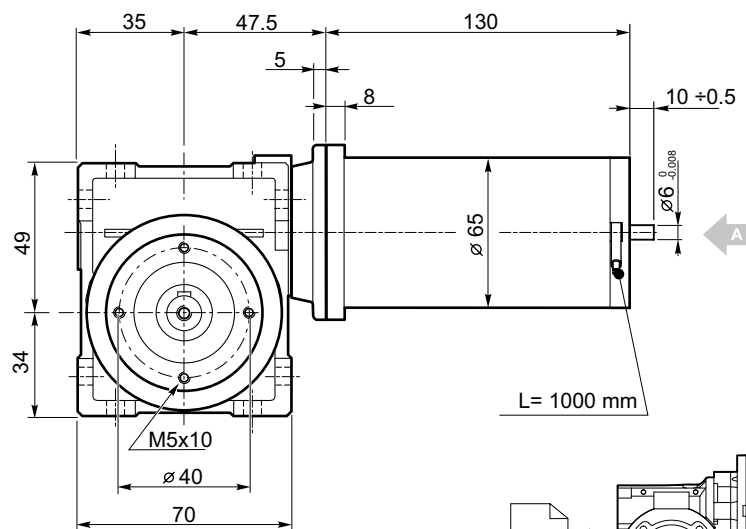
Vista da A
View from A



Dimensioni

Dimensions

ECWMP070/026/52...U

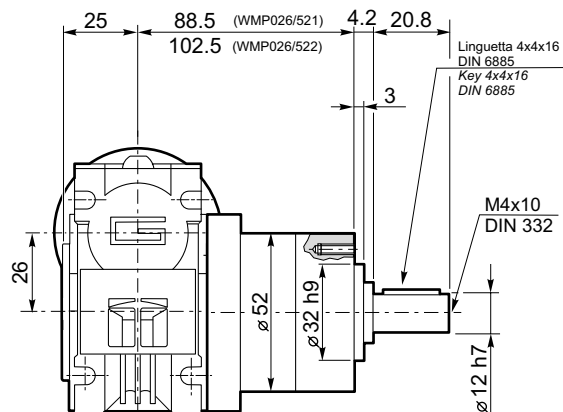


ECWMP070/026/52...C

Motori / Motors IP66

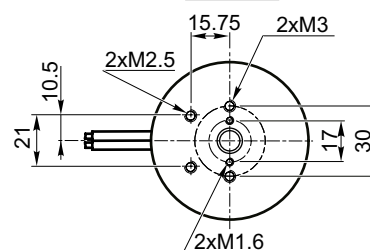
Freno / *Brake*

Encoder

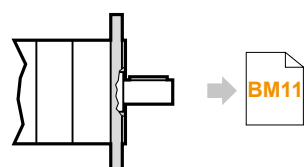
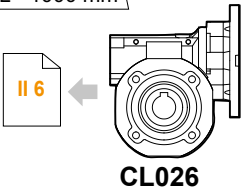
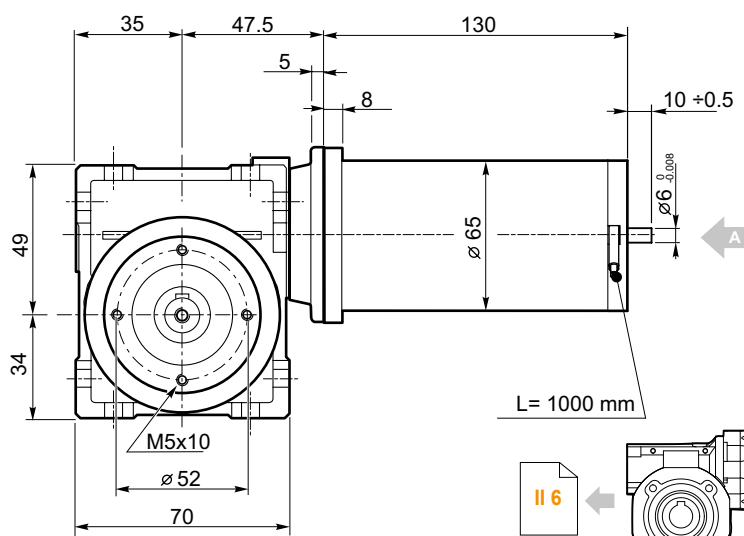


Vista / View

A



ECWMP070/026/62...U

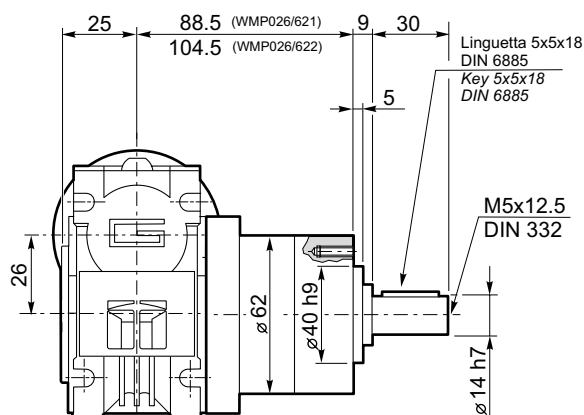


ECWMP070/026/62...C

Motori / Motors IP66

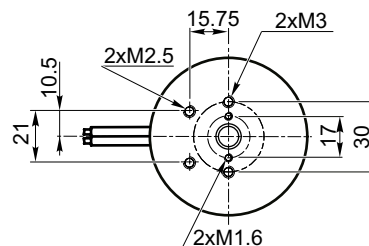
Freno / *Brake*

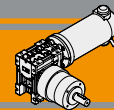
Encoder



Vista / View

A

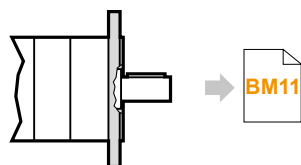
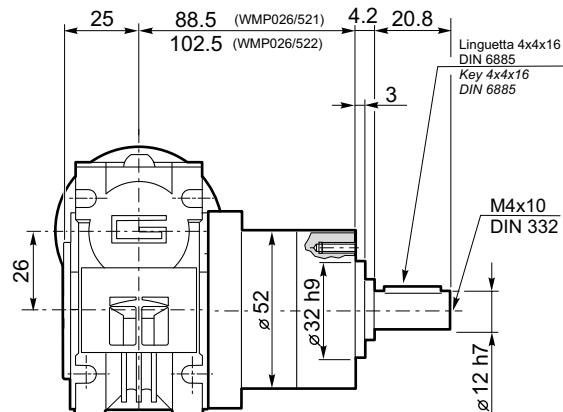
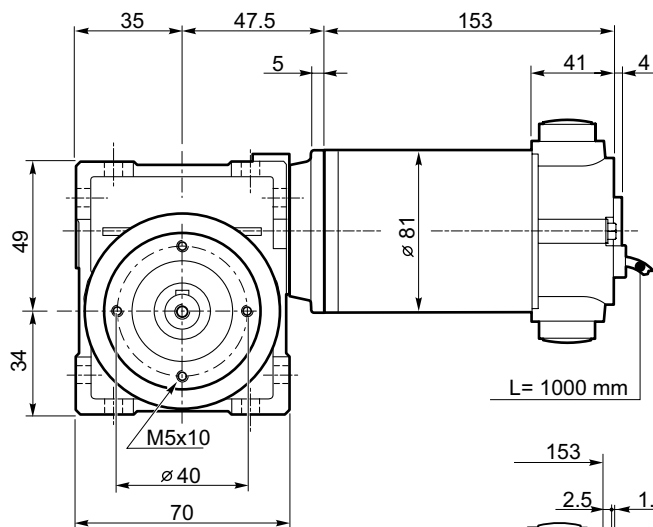




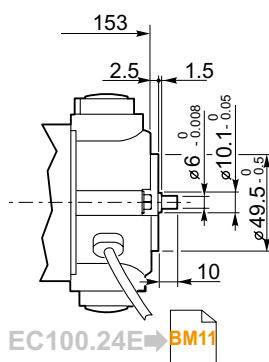
Dimensioni

Dimensions

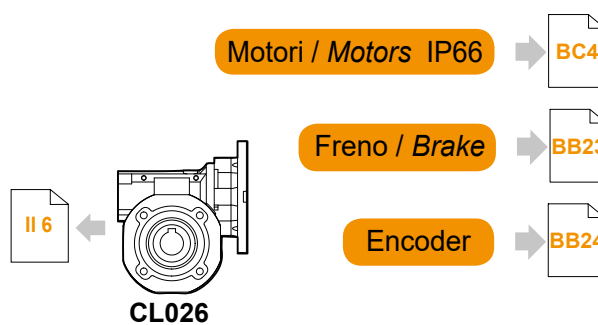
ECWMP100/026/52...U



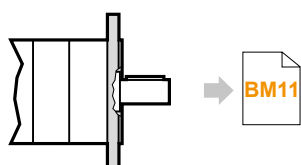
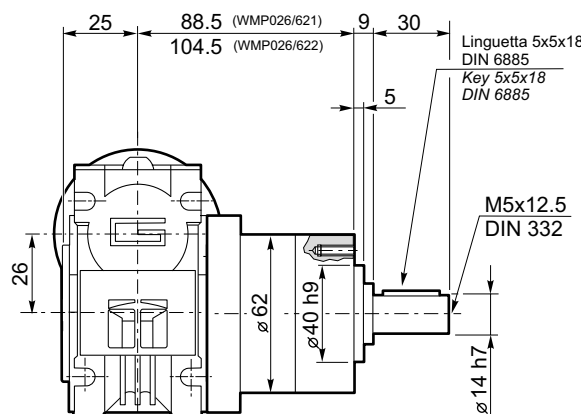
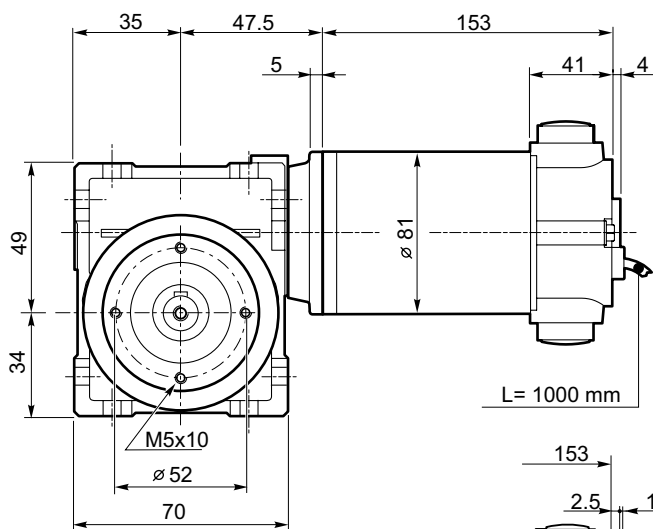
ECWMP100/026/52...C



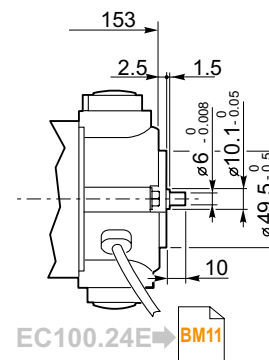
EC100.24E → BM11



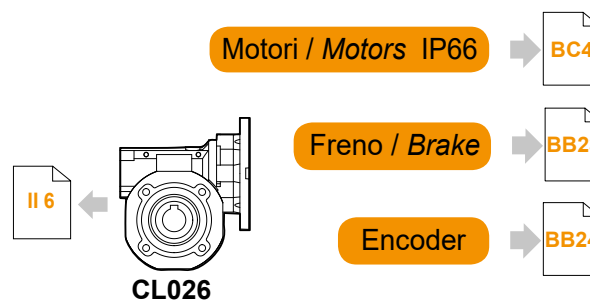
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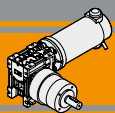


ECWMP100/026/62...C



EC100.24E → BM11

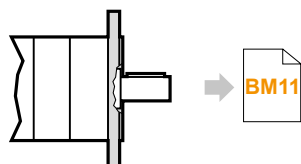
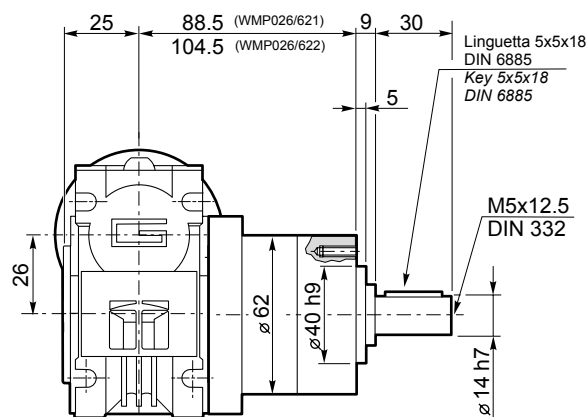
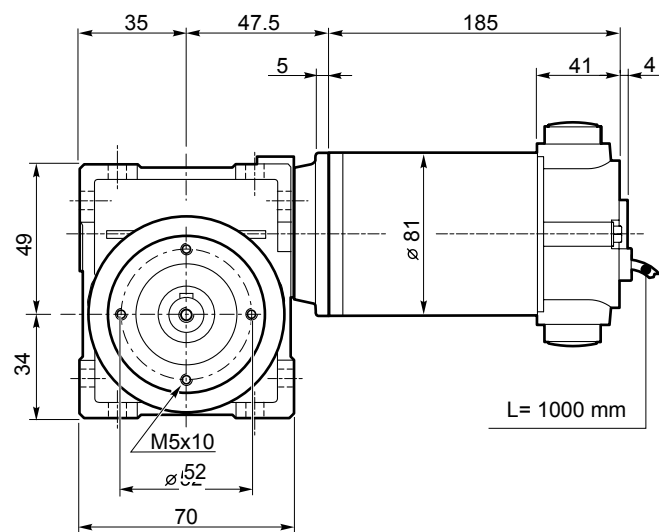




Dimensioni

Dimensions

ECWMP180/026/62...U

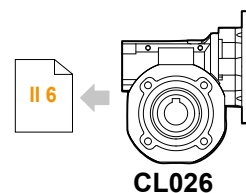


ECWMP180/026/62...C

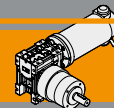
Motori / Motors IP66 → BC6

Freno / Brake → BB23

Encoder → BB24



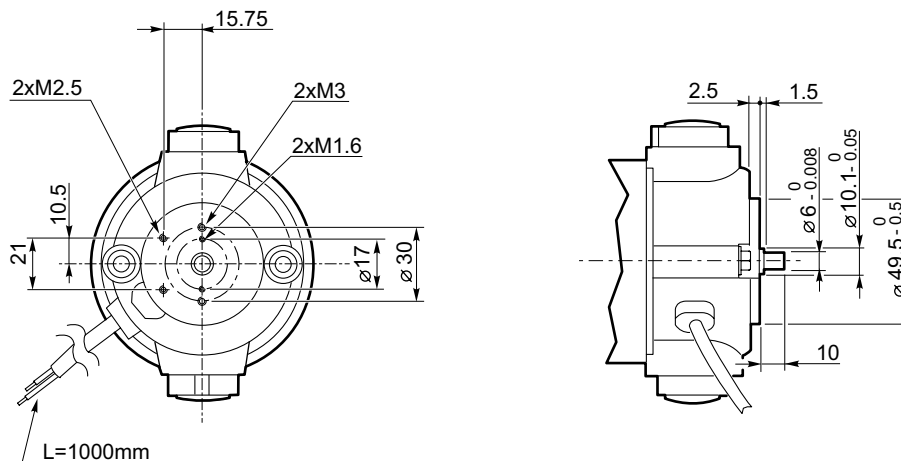
CL026



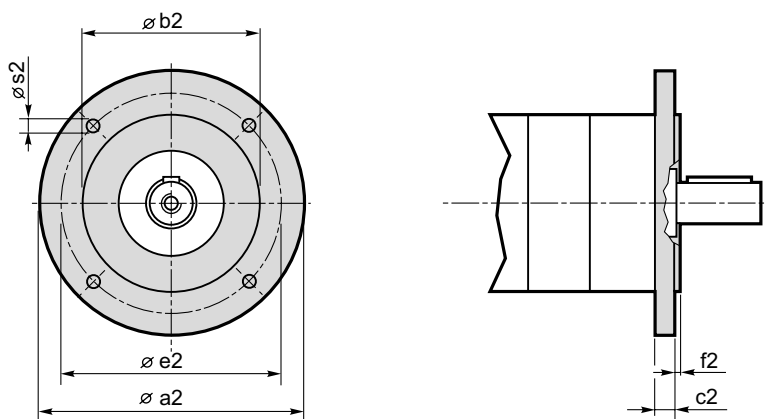
Dimensioni

Dimensions

ECWMP100.24E
ECWMP180.24E



NDWMP.../.../... C... - ECWMP.../.../... C... Flange uscita / Output flanges



Dimensioni / Dimensions							
P	a2	b2	c2	e2	f2	s2	Flangia uscita Output flange
52	80	50 j7	9	65	2.5	M5	C80
	90	60 j7	9	75	2.5	5.5	C90
	105	70 j7	9	85	2.5	6.5	C105
	120	80 j7	9	100	3.0	6.5	C120
62	80	50 j7	9	65	2.5	M5	C80
	90	60 j7	9	75	2.5	5.5	C90
	105	70 j7	9	85	2.5	6.5	C105
	120	80 j7	9	100	3.0	6.5	C120

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