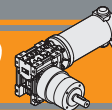




**Motoriduttori CC combinati
a magneti permanenti in ferrite**
Ferrite permanent magnets
DC Double reduction gearmotors

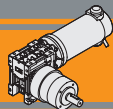




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*This section replaces any previous edition and revision. If you obtained this catalogue other than through controlled distribution channels, the most up to date content is not guaranteed. **In this case the latest version is available on our web site www.transtecno.com***

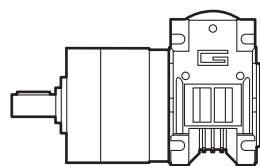
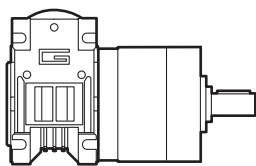
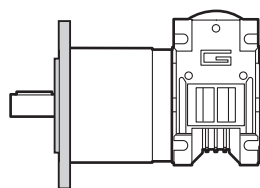
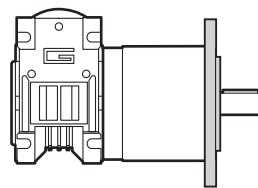
**ECWMP****MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE**
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS**Caratteristiche tecniche****Technical features**

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												
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	180/026/62	250/030/81	350/030/81	1	US	80	Vedere tabella See tables	120 240 24E	BR BRL
		070/026/62	100/026/62	180/030/81			2	UD	90			
		070/030/81	100/030/81				3	CS	105			
								CD	120			

Versioni**Versions****US****UD****CS****CD****Simbologia****Symbols**

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

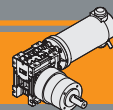
Lubrificazione**Lubrication**

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.

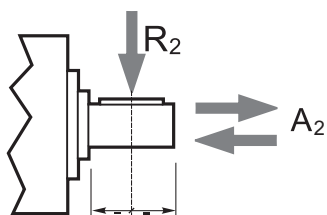
I riduttori epicicloidali sono lubrificati in modo permanente, non richiedono quindi ulteriore manutenzione. Questo gli consente di essere installati praticamente ovunque.

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



Carichi radiali

Radial loads



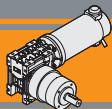
Numero di stadi Stages number	Carichi Radiali R_2 [N] Radial Load R_2 [N]		
	P52	P62	P81
1	200	240	400
2	320	360	600
3	450	520	1000

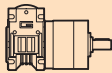
Numero di stadi Stages number	Carichi Assiali A_2 [N] Axial Load A_2 [N]		
	P52	P62	P81
1	60	70	80
2	100	100	120
3	150	150	200

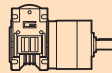
Rapporti

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 .../030/081	1	6.75	10	67.5
			15	101.3
			20	135
			30	202.5
			40	270
			50	337.5
			60	405
	2	28.93	10	289.3
			15	434.0
			20	578.6
			30	867.9
			40	1157
			50	1447
			60	1736
		34.97	60	2098
		45.56	60	2734

**ECWMP****MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE**
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS**Dati tecnici per servizio S2****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	070/026/522	120/240
	10.4	25	1.0	289.3		
	8.9	25	1.0	337.5		
	7.4	25	1.0	405		
	6.9	25	1.0	434	070/026/522	120/240
	5.2	25	1.0	579		
	3.5	25	1.0	868		
	2.6	25	1.0	1157		
	2.1	25	1.0	1447	070/026/621	120/240
	1.7	25	1.0	1736		
	1.4	25	1.0	2098		
	1.1	25	1.0	2734		
	44.4	14	2.8	67.5	070/026/621	120/240
	29.6	21	1.9	101.3		
	22.2	27	1.5	135.0		
	14.8	37	1.1	202.5		
	11.1	40	1.0	270.0	070/026/622	120/240
	10.4	50	1.0	289.3		
	8.9	40	1.0	337.5		
	7.4	40	1.0	405.0		
	6.9	50	1.0	434.0	070/026/622	120/240
	5.2	50	1.0	578.6		
	3.5	50	1.0	867.9		
	2.6	50	1.0	1157		
	2.1	50	1.0	1447	070/030/811	120/240
	1.7	50	1.0	1736		
	1.4	50	1.0	2098		
	1.1	50	1.0	2734		
	44.4	14	5.6	67.5	070/030/811	120/240
	29.6	21	3.8	101.3		
	22.2	27	2.9	135.0		
	14.8	37	2.2	202.5		
	11.1	47	1.7	270.0	070/030/812	120/240
	10.4	58	2.1	289.3		
	8.9	54	1.5	337.5		
	7.4	62	1.3	405.0		
	6.9	85	1.4	434.0	070/030/812	120/240
	5.2	109	1.1	578.6		
	3.5	120	1.0	867.9		
	2.6	120	1.0	1157		
	2.1	120	1.0	1447	070/030/812	120/240
	1.7	120	1.0	1736		
	1.4	120	1.0	2098		
	1.1	120	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		
	22.2	25	1.0	135.0		
	14.8	25	1.0	202.5		
	10.4	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		
	10.4	20	4.0	67.5	100/030/811	120/240/24E
	29.6	29	2.7	101.3		
	22.2	38	2.1	135.0		
	14.8	52	1.6	202.5		
	11.1	65	1.2	270.0	100/030/812	120/240/24E
	10.4	80	1.5	289.3		
	8.9	75	1.1	337.5		
	7.4	80	1.0	405.0		
	6.9	120	1.0	434.0	100/030/812	120/240/24E
	5.2	120	1.0	578.6		

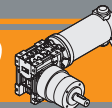
250						
(3000 min ⁻¹)	44.4	37	1.1	67.5	180/026/621	120/240
	29.6	40	1.0	101.3		
	22.2	40	1.0	135.0		
	14.8	40	1.0	202.5		
	11.1	40	1.0	270.0	180/030/811	120/240/24E
	10.4	37	2.2	67.5		
	29.6	54	1.5	101.3		
	22.2	70	1.1	135.0		
	14.8	80	1.0	202.5	180/030/812	120/240/24E
	11.1	80	1.0	270.0		
	10.4	120	1.0	289.3		
	8.9	80	1.0	337.5		
	6.9	120	1.0	434.0	180/030/811	120/240/24E
	5.2	120	1.0	578.6		

350						
(3000 min ⁻¹)	44.4	52	1.5	67.5	250/030/811	120/240
	29.6	76	1.1	101.3		
	22.2	80	1.0	135.0		
	14.8	80	1.0	202.5		
	11.1	80	1.0	270.0		
	10.4	80	1.0	289.3		

500						
(3000 min ⁻¹)	44.4	73	1.1	67.5	350/030/811	120/240
	29.6	80	1.0	101.3		
	22.2	80	1.0	135.0		

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

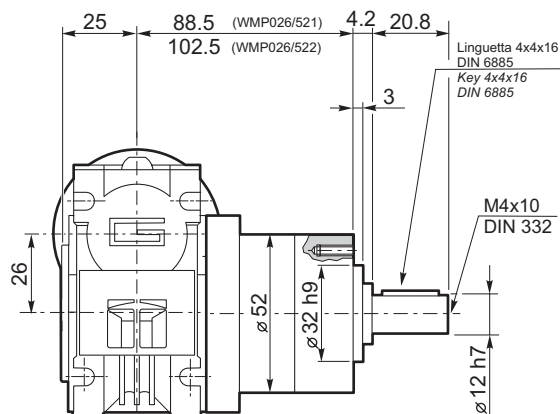
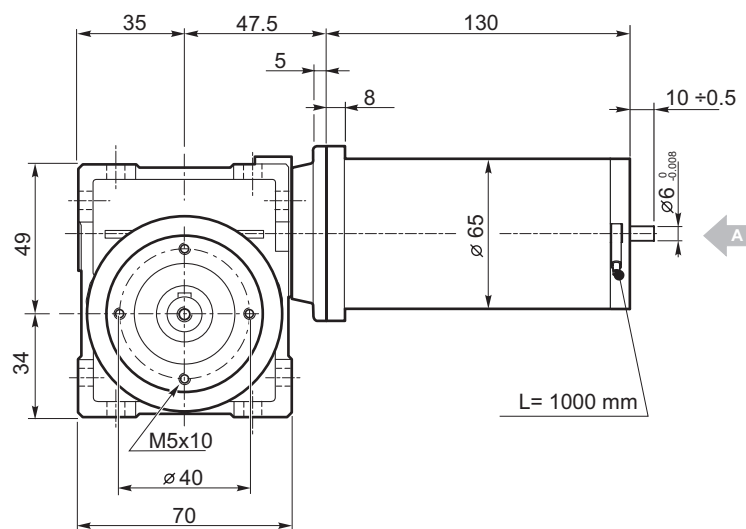
Note: Please check that the output torque M₂ does not exceed the value into the grey areas



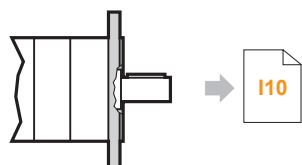
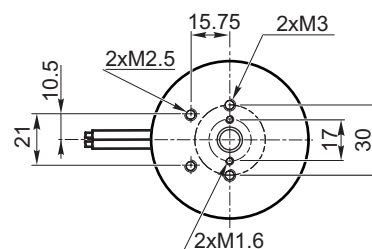
Dimensioni

Dimensions

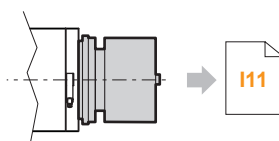
ECWMP070/026/52...U



Vista / View
A

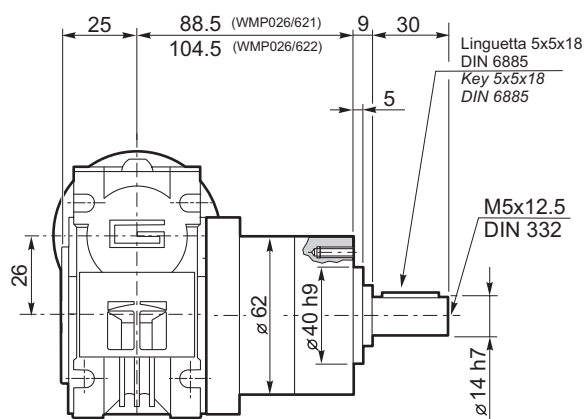
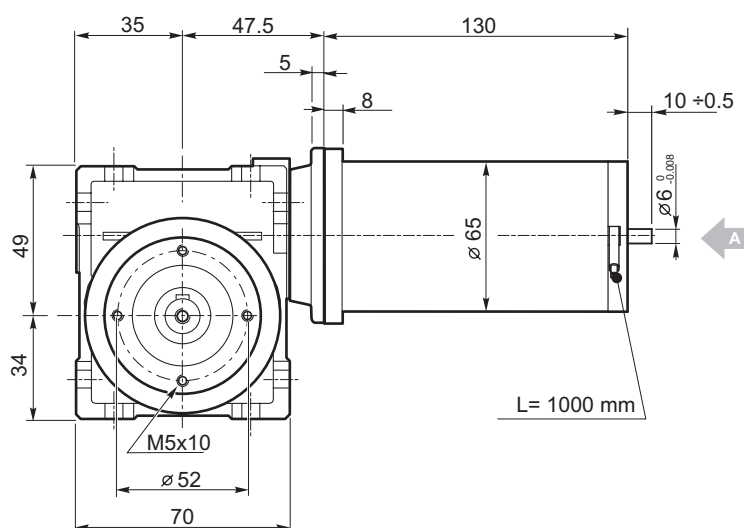


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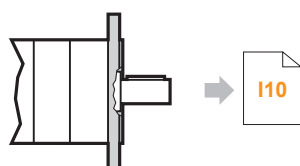
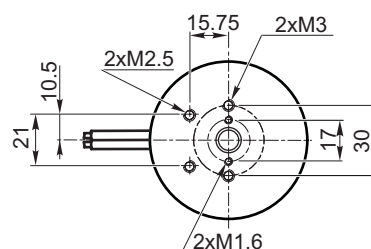


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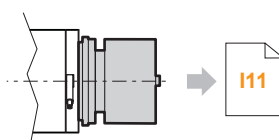
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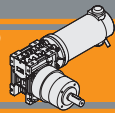
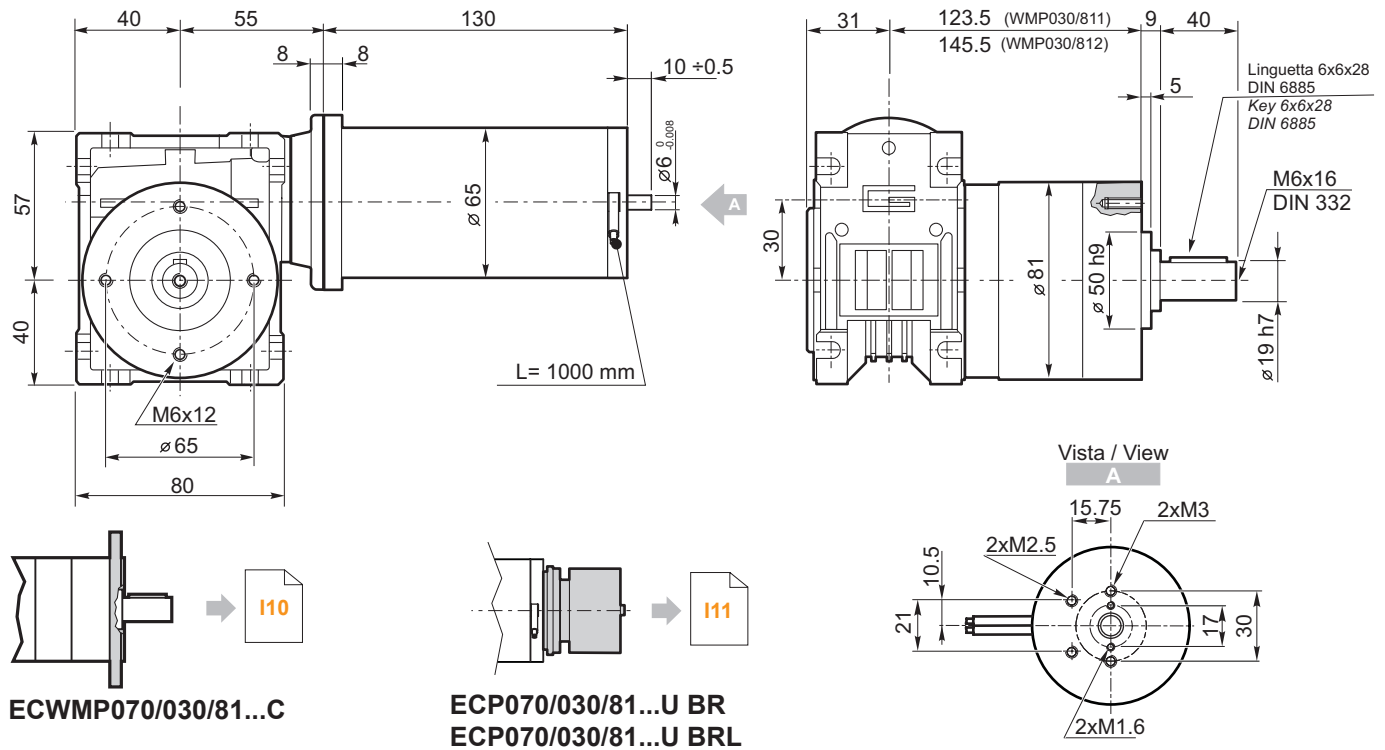
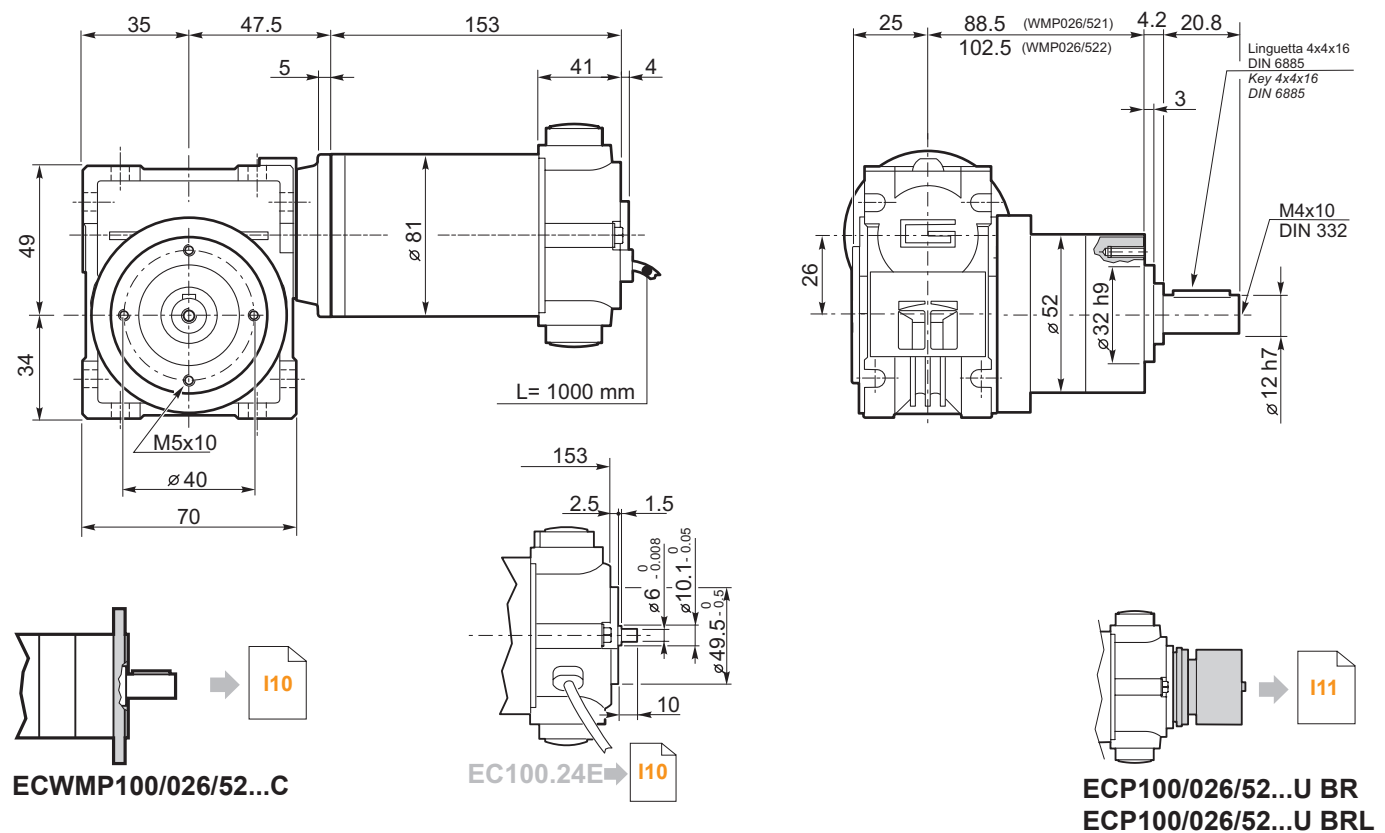
Vista / View
A

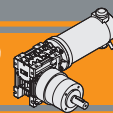


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ECP070/026/62...U BR
ECP070/026/62...U BRL

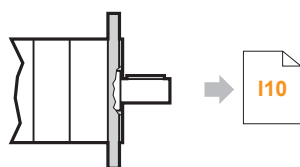
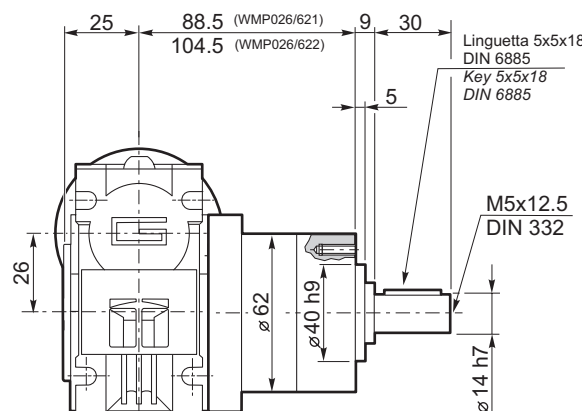
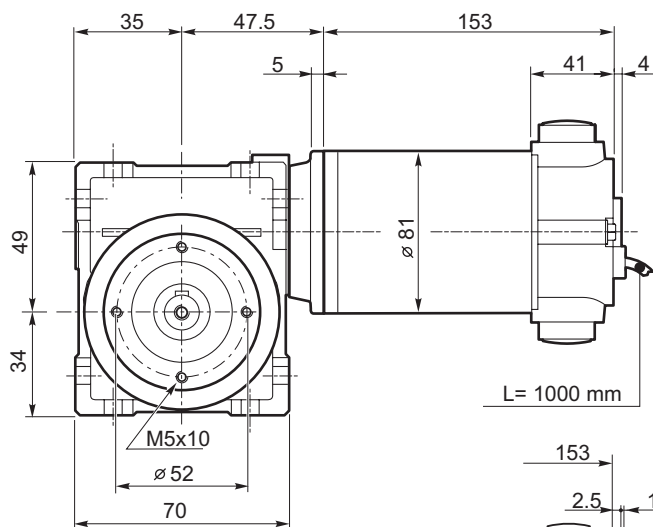
**ECWMP****MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE**
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS**Dimensioni****Dimensions****ECWMP070/030/81...U****ECWMP100/026/52...U**



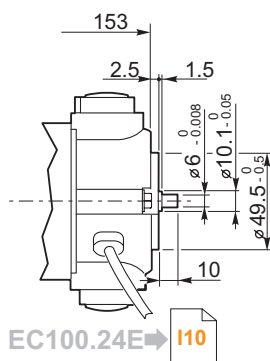
Dimensioni

Dimensions

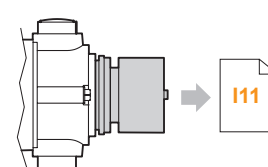
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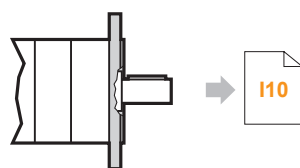
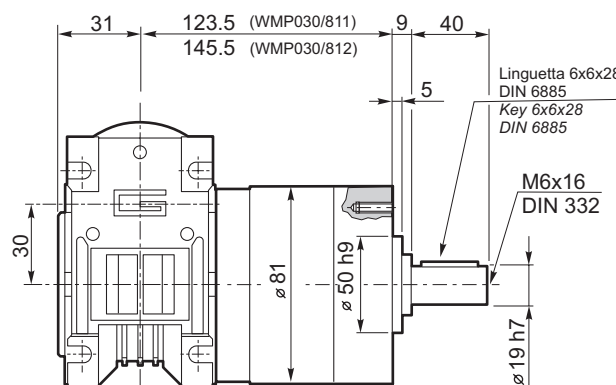
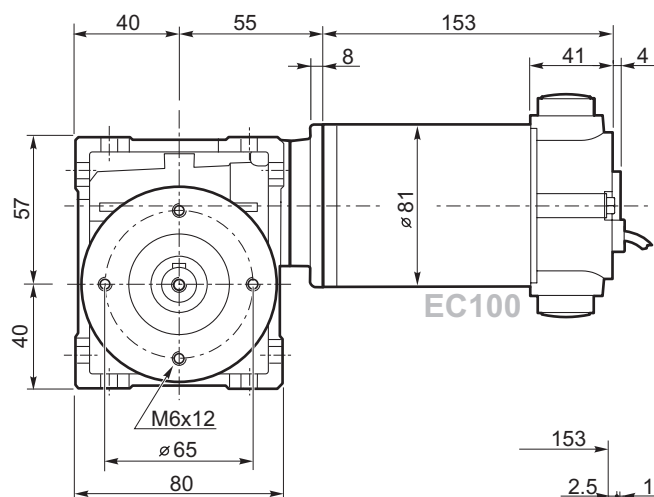


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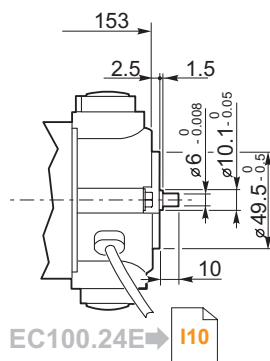


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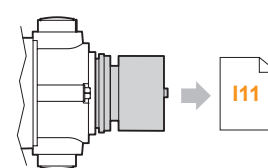
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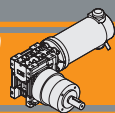
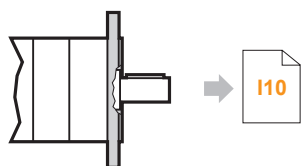
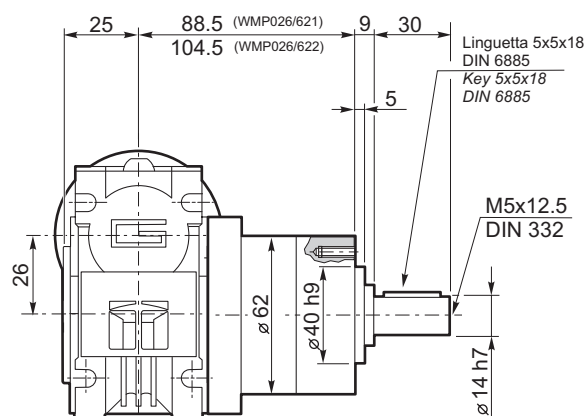
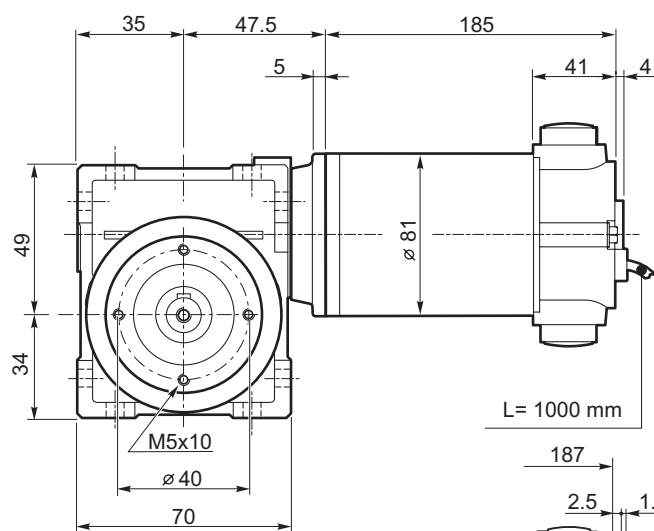
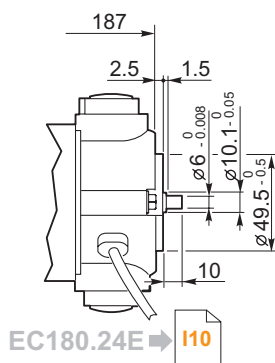
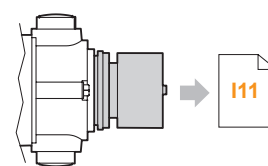
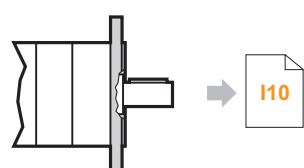
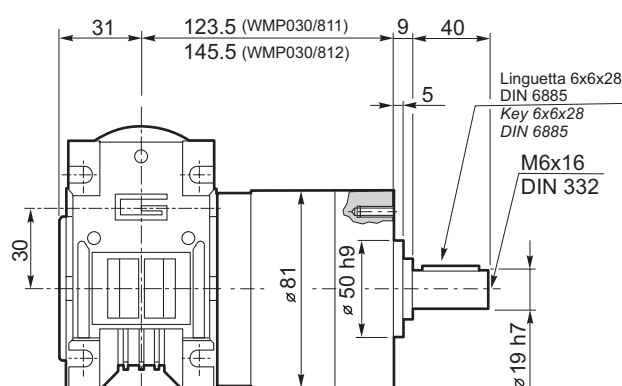
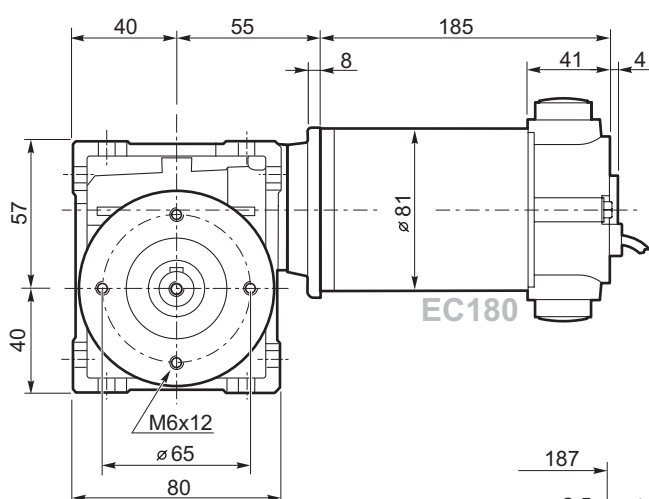
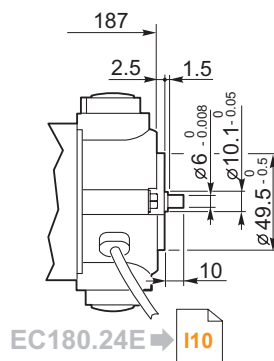
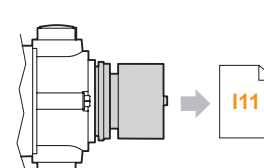
ECWMP100/030/81...C

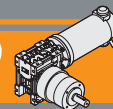


EC100.24E



ECP100/030/81...U BR
ECP100/030/81...U BRL

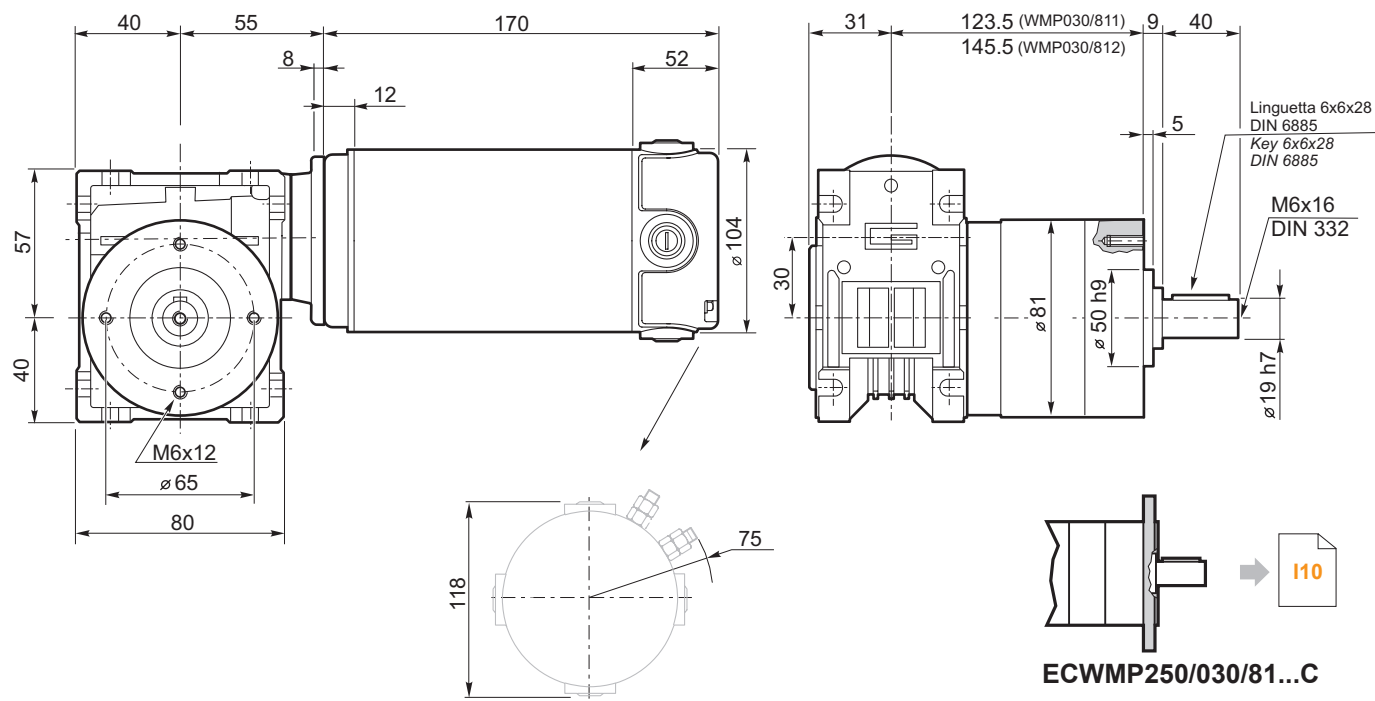
**ECWMP****MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE**
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS**Dimensioni****Dimensions****ECWMP180/026/62...U****ECWMP180/026/62...C****EC180.24E****ECP180/026/62... U.. BR**
ECP180/026/62... U.. BRL**ECWMP180/030/81...U****ECWMP180/030/81...C****EC180.24E****ECP180/030/81... U.. BR**
ECP180/030/81... U.. BRL



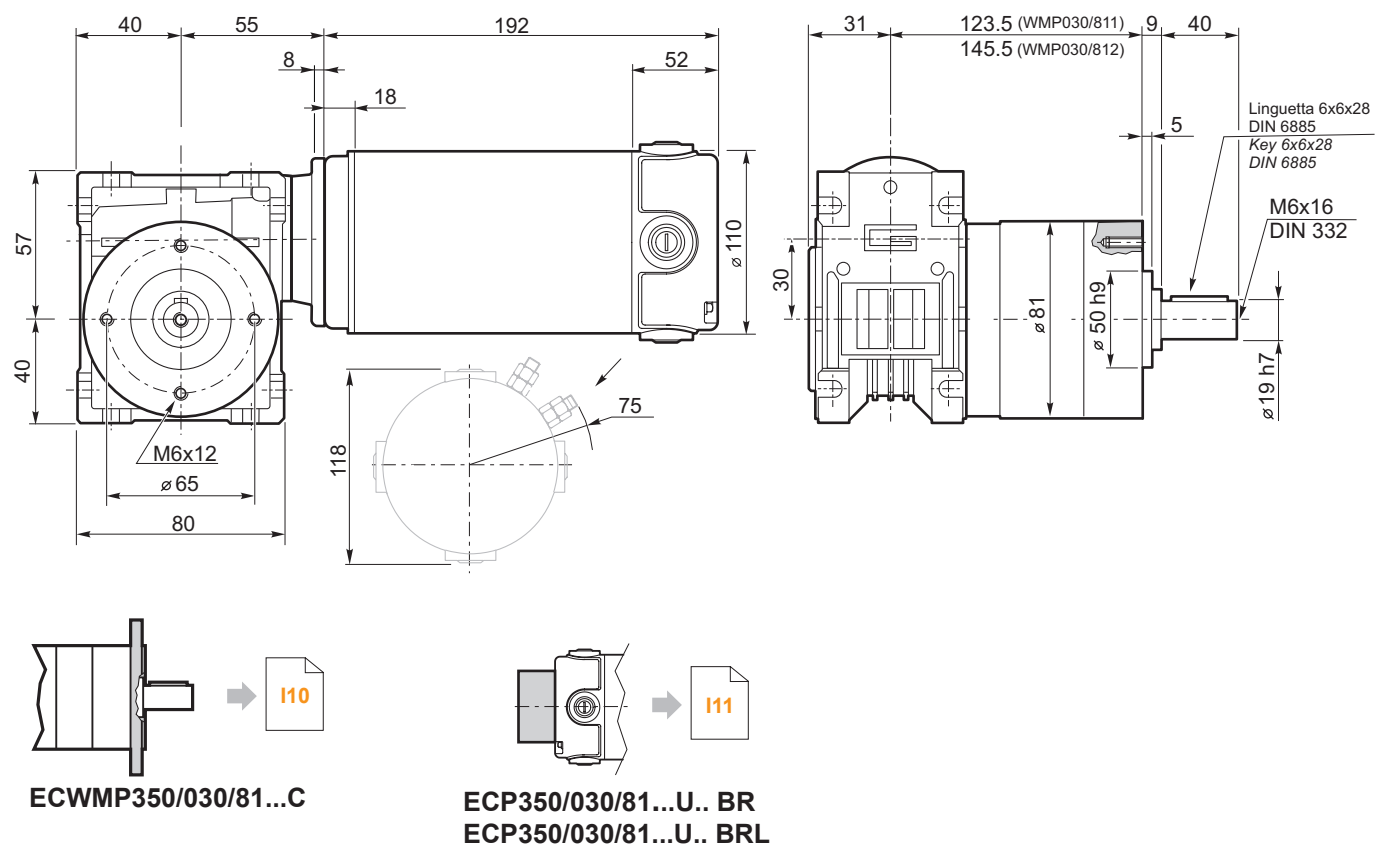
Dimensioni

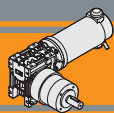
Dimensions

ECWMP250/030/81...U



ECWMP350/030/81...U





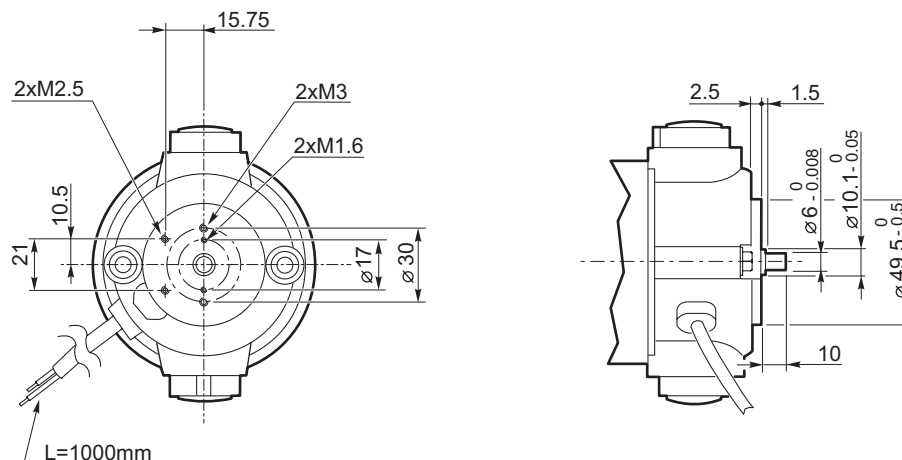
ECWMP

MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS

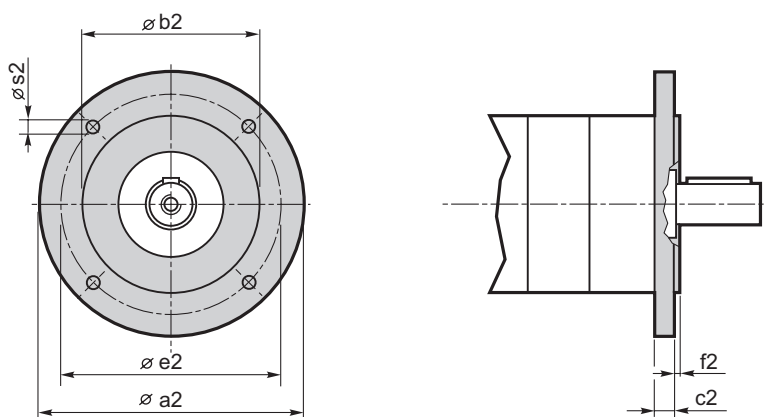
Dimensioni

Dimensions

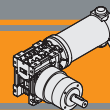
ECP100.24E
ECP180.24E



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
81	90	60 j7	9	75	2.5	M5	C90
	105	70 j7	9	85	2.5	M6	C105
	120	80 j7	9	100	3.0	6.5	C120

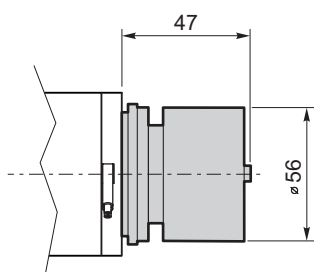


Dimensioni

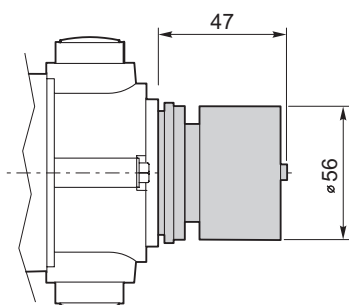
Dimensions

Freno / Brake

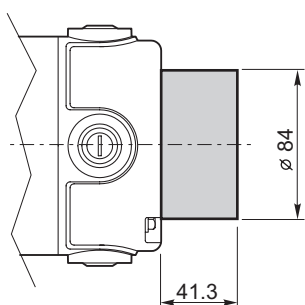
ECWMP50/... U BR
ECWMP70/... U BR



ECWMP100/... U BR
ECWMP180/... U BR

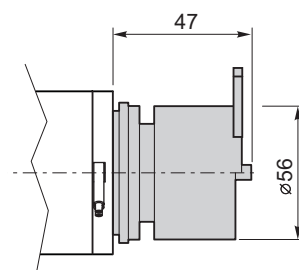
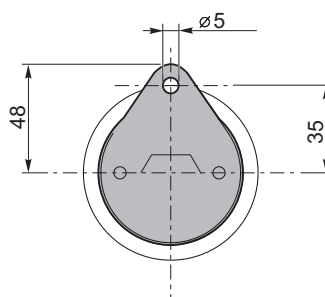


ECWMP350/... U BR
ECWMP600/... U BR

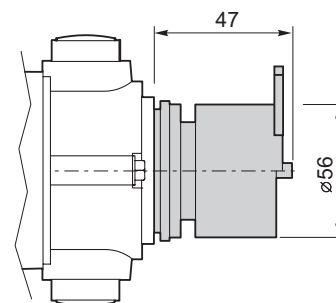
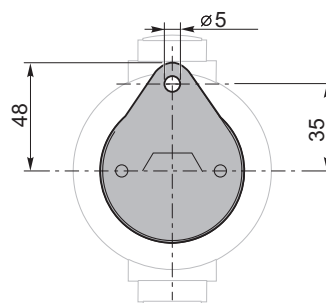


Freno con leva di sblocco/ Brake with hand release

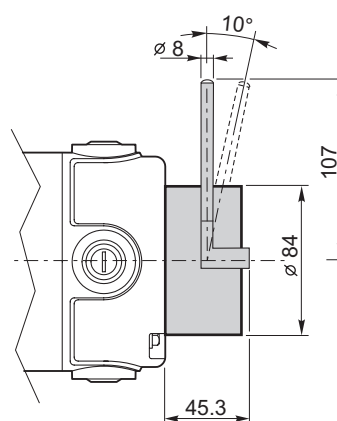
ECWMP50/... U BRL
ECWMP70/... U BRL

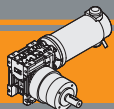


ECWMP100/... U BRL
ECWMP180/... U BRL



ECWMP350/... U BRL
ECWMP600/... U BRL





ECWMP

MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE
FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS

Note/Notes

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