

Комбинированные мотор-редукторы на постоянных ферритовых магнитах

Руководство по эксплуатации

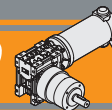


Архангельск (8182)63-90-72
Астана (7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
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Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

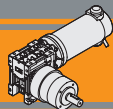
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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
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Оренбург (3532)37-68-04
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Пермь (342)205-81-47
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Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93



Indice	Index	Pag. Page
Caratteristiche tecniche	<i>Technical features</i>	12
Designazione	<i>Classification</i>	12
Versioni	<i>Versions</i>	12
Simbologia	<i>Symbols</i>	12
Lubrificazione	<i>Lubrication</i>	12
Carichi radiali	<i>Radial loads</i>	13
Rapporti	<i>Ratios</i>	13
Dati tecnici	<i>Technical data</i>	14
Dimensioni	<i>Dimensions</i>	15



ECWMP

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

Caratteristiche tecniche

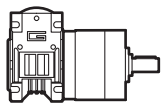
Technical features

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.

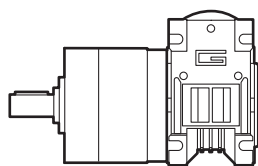
Designazione

Classification

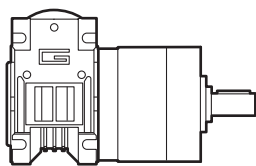
MOTORIDUTTORE / GEARMOTOR										
ECWMP	070/026/52				2	CD	90	405	240	BR
Tipo Type	Grandezza Size				Numero stadi epicicloidale Planetary stages number	Versione Riduttore Gearbox Version	Flangia Uscita Output flange	Rapporto Ratio	Versione Motore Motor Version	Opzioni Options
	070/026/52	100/026/52	180/026/62	250/030/81	350/030/81	1	80	Vedere tabella See tables	120	BR BRL
	070/026/62	100/026/62	180/030/81			2	90		240	
	070/030/81	100/030/81				3	105		24E	
							120			

Versioni

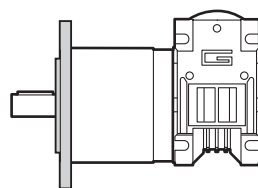
Versions



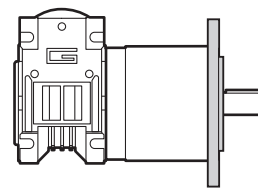
US



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

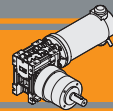
Lubrication

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.

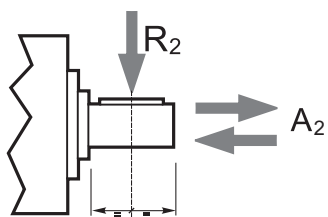
I riduttori epicicloidali sono lubrificati in modo permanente, non richiedono quindi ulteriore manutenzione. Questo gli consente di essere installati praticamente ovunque.

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

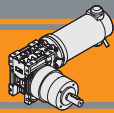
Numero di stadi Stages number	Carichi Assiali A_2 [N] Axial Load A_2 [N]		
	P52	P62	P81
1	60	70	80
2	100	100	120
3	150	150	200

Rapporti

Ratios

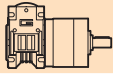
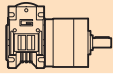
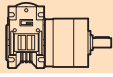
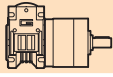
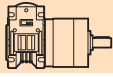
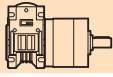
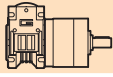
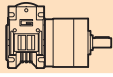
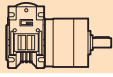
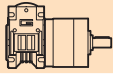
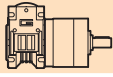
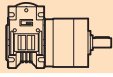
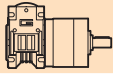
Motoriduttore Gearmotor	Numero stadi epicicloidale Planetary stages number	Rapporto epicicloidale Planetary ratio	Rapporto vite senza fine Wormgearbox ratio	Rapporto finale Total ratio
.../026/052 .../026/062 .../030/081	1	6.75	10	67.5
			15	101.3
			20	135
			30	202.5
			40	270
			50	337.5
	2	28.93	10	289.3
			15	434.0
			20	578.6
			30	867.9
			40	1157
			50	1447
			60	1736
			60	2098
	34.97	60	2098	
	45.56	60	2734	

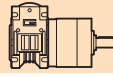
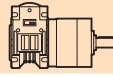
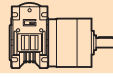
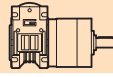
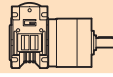
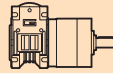
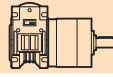
ECWMP

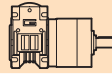
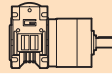
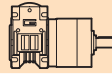
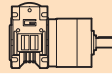


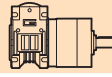
Dati tecnici per servizio S2

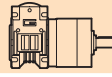
Technical data for S2 duty

	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			
	10.4	25	1.0	289.3	070/026/522		120/240
	8.9	25	1.0	337.5	070/026/521		120/240
	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			
	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				
10.4	50	1.0	289.3	070/026/622		120/240	
8.9	40	1.0	337.5	070/026/621		120/240	
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				
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				
10.4	58	2.1	289.3	070/030/812		120/240	
8.9	54	1.5	337.5	070/030/811		120/240	
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				
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			
	11.1	25	1.0	270.0			
	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			
	44.4	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			
	10.4	80	1.5	289.3	100/030/812		120/240/24E
	8.9	75	1.1	337.5	100/030/811		120/240/24E
	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			

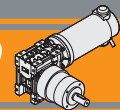
250							
(3000 min ⁻¹)	44.4	37	1.1	67.5	180/026/621		120/240
	29.6	40	1.0	101.3			
	22.2	40	1.0	135.0			
	14.8	40	1.0	202.5			
	11.1	40	1.0	270.0			
	44.4	37	2.2	67.5	180/030/811		120/240/24E
	29.6	54	1.5	101.3			
	22.2	70	1.1	135.0			
	14.8	80	1.0	202.5			
	11.1	80	1.0	270.0			
	10.4	120	1.0	289.3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

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			

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

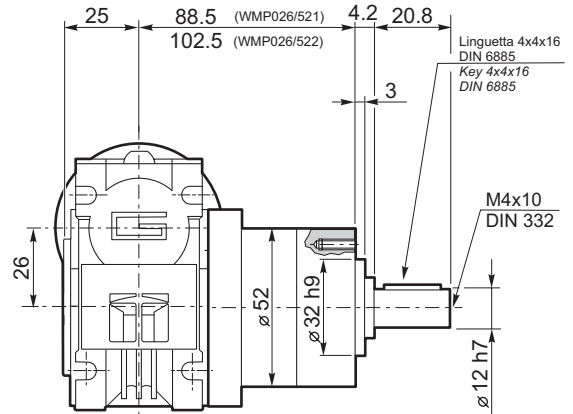
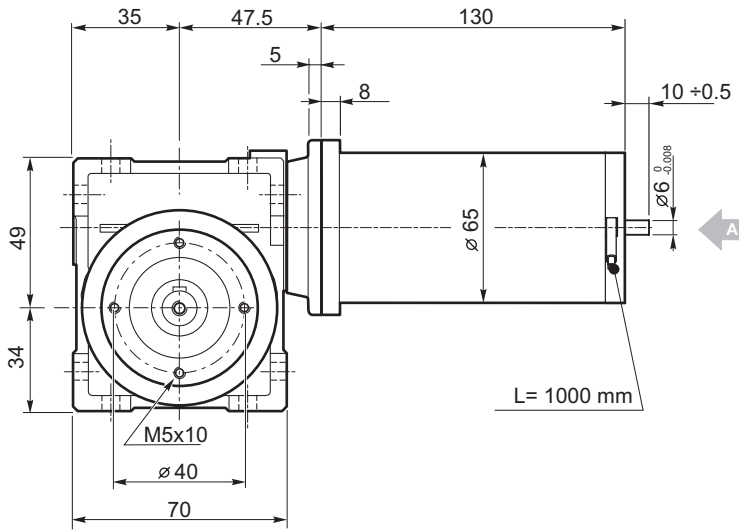
Note: Please check that the output torque M₂ does not exceed the value into the grey areas



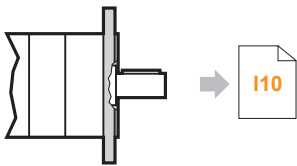
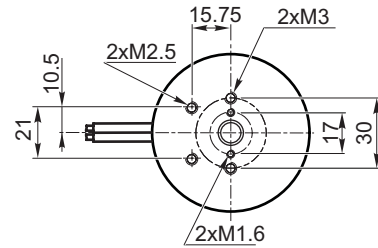
Dimensioni

Dimensions

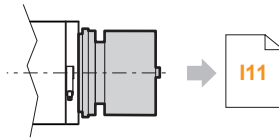
ECWMP070/026/52...U



Vista / View
A

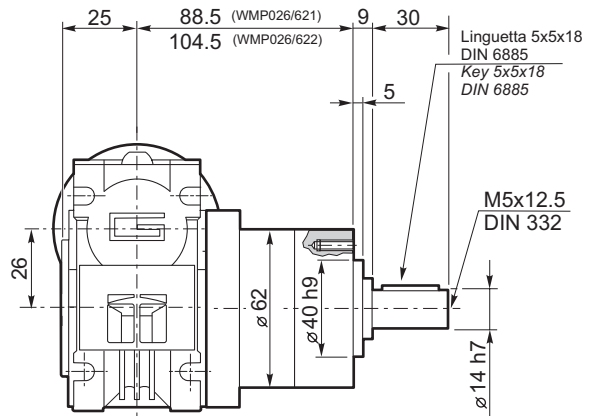
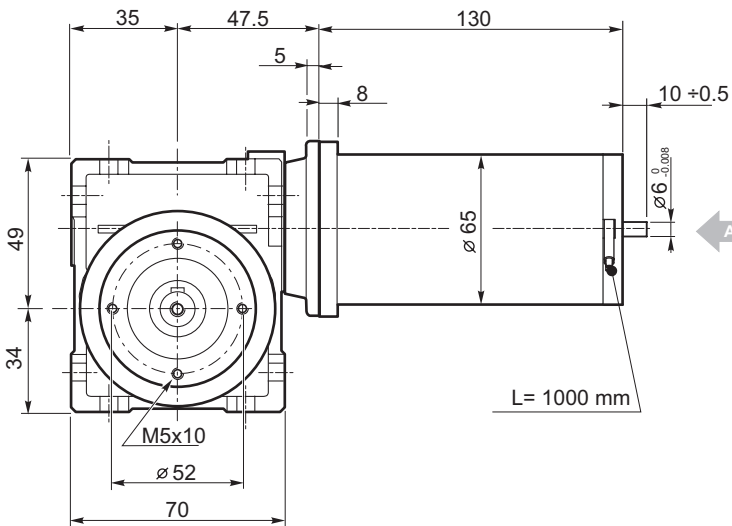


ECWMP070/026/52...C

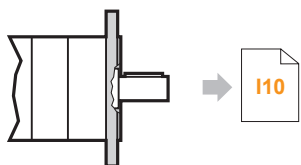
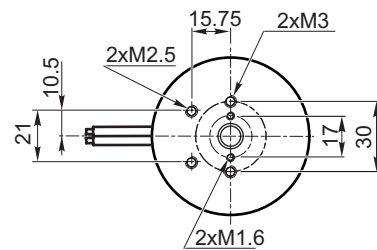


ECP070/026/52...U BR
ECP070/026/52...U BRL

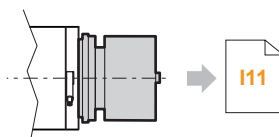
ECWMP070/026/62...U



Vista / View
A

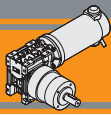


ECWMP070/026/62...C



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

ECWMP



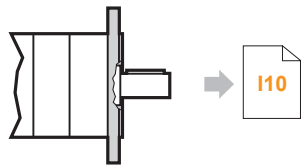
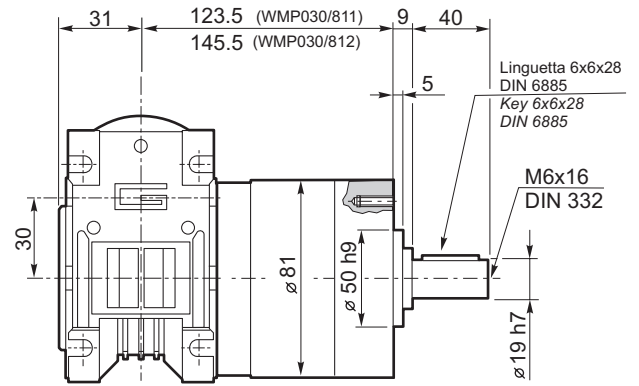
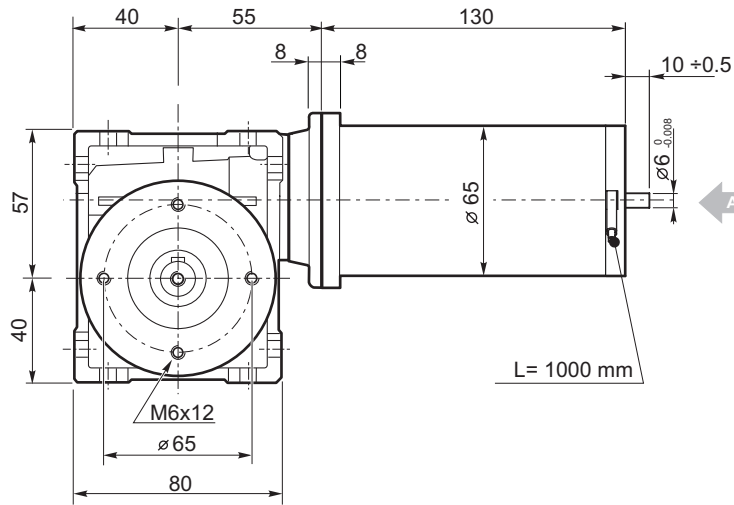
ECWMP

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

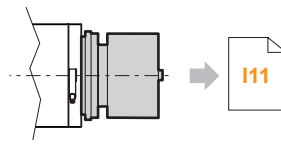
Dimensioni

Dimensions

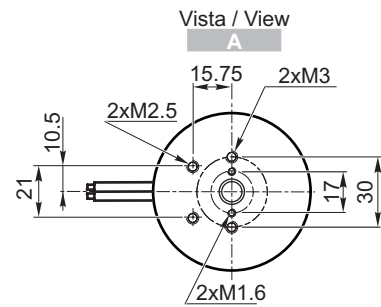
ECWMP070/030/81...U



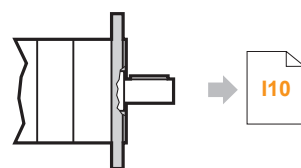
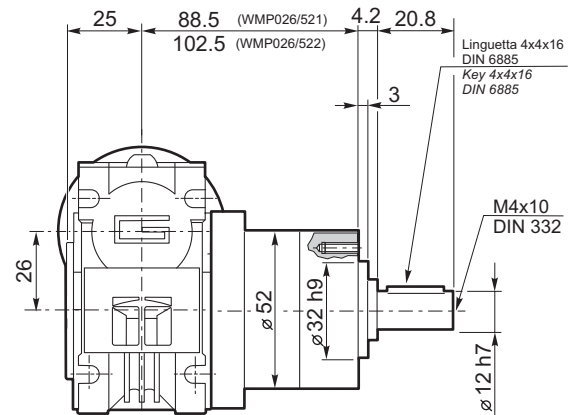
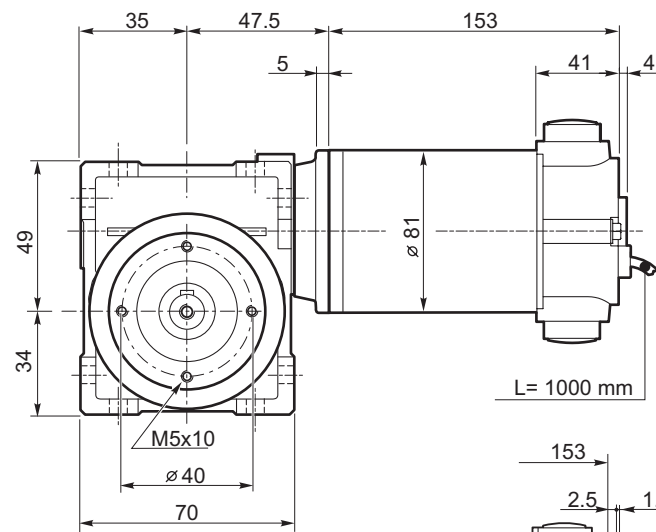
ECWMP070/030/81...C



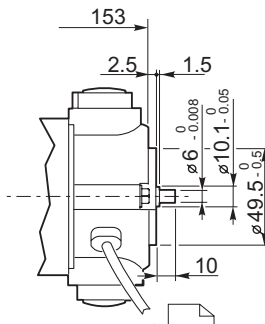
ECP070/030/81...U BR
ECP070/030/81...U BRL



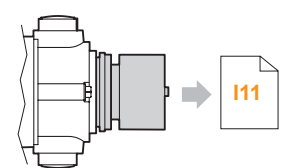
ECWMP100/026/52...U



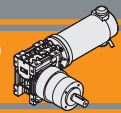
ECWMP100/026/52...C



EC100.24E



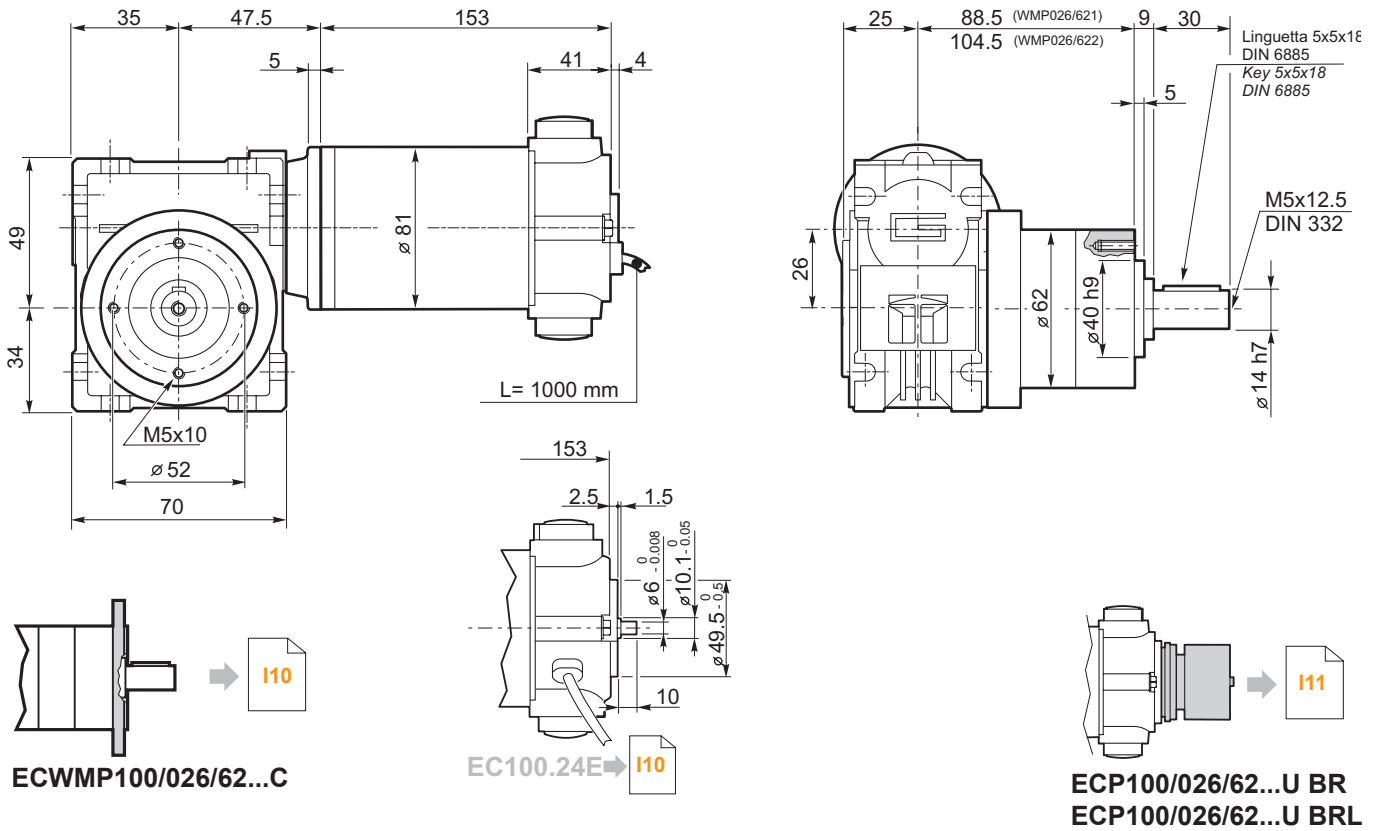
ECP100/026/52...U BR
ECP100/026/52...U BRL



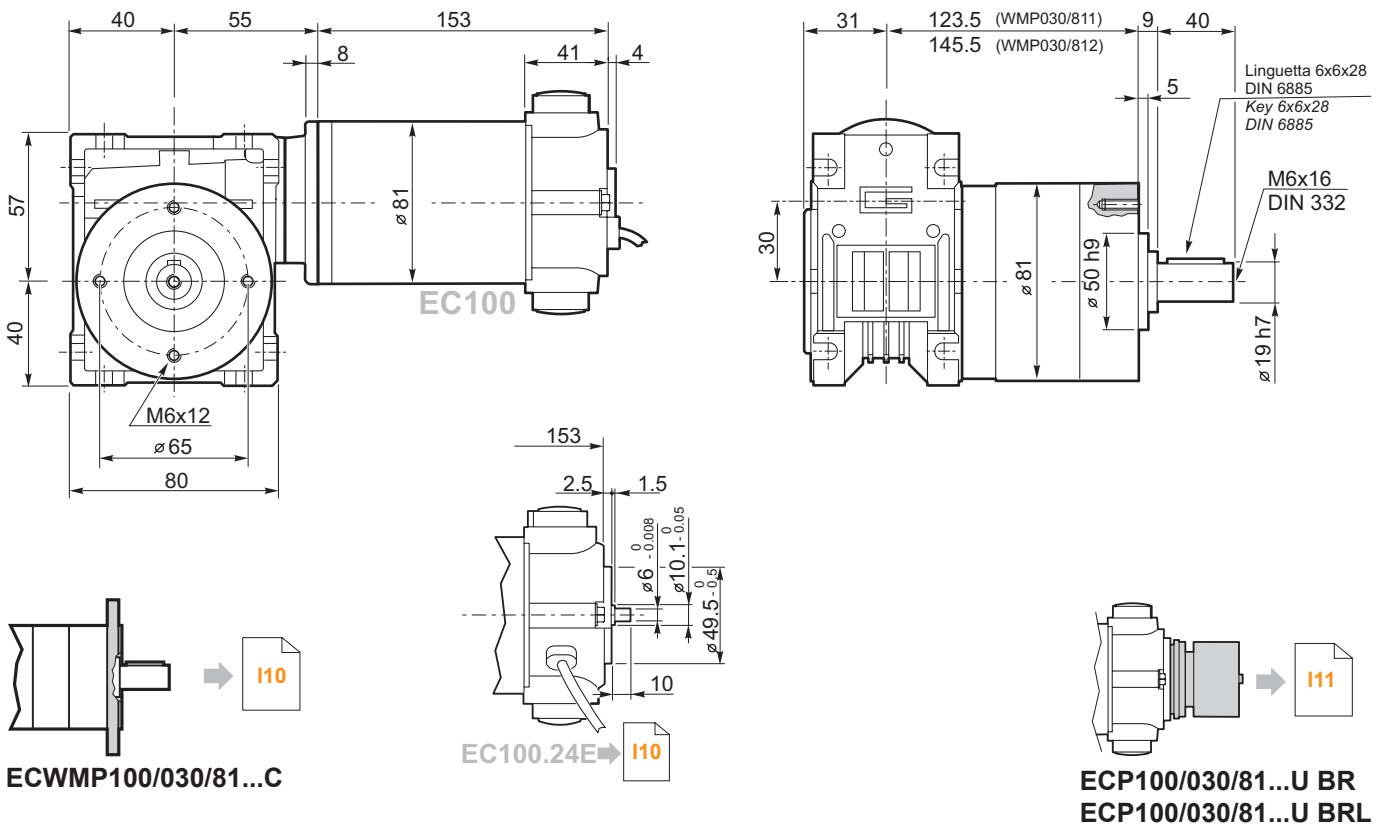
Dimensioni

Dimensions

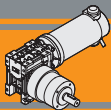
ECWMP100/026/62...U



ECWMP100/030/81...U



ECWMP



ECWMP

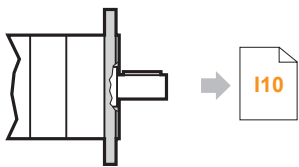
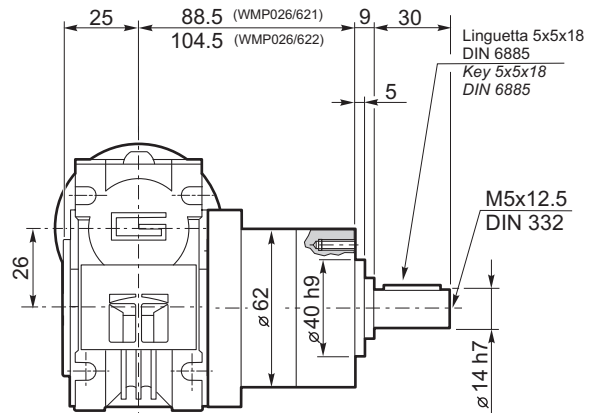
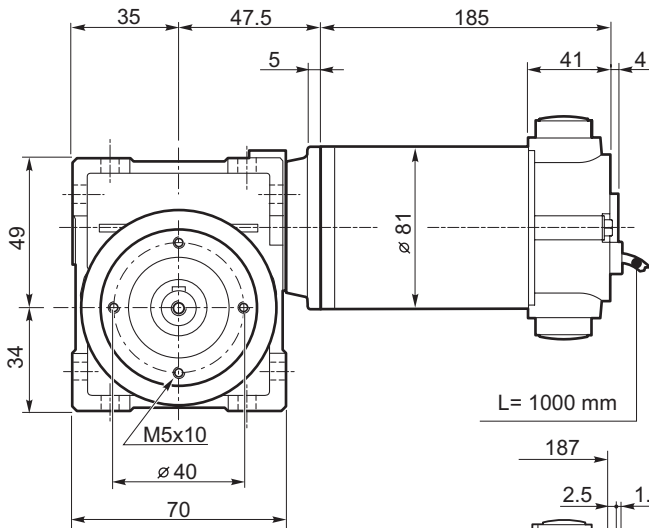
MOTORIDUTTORI CC COMBINATI A MAGNETI PERMANENTI IN FERRITE

FERRITE PERMANENT MAGNETS DC DOUBLE REDUCTION GEARMOTORS

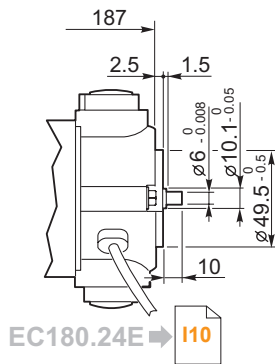
Dimensioni

Dimensions

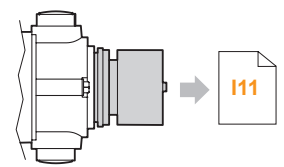
ECWMP180/026/62...U



ECWMP180/026/62...C

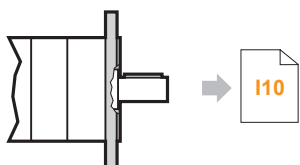
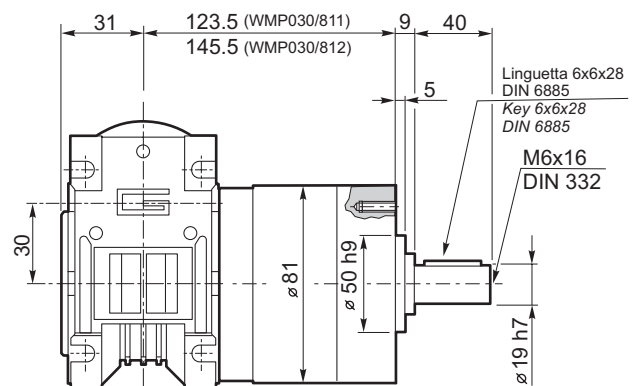
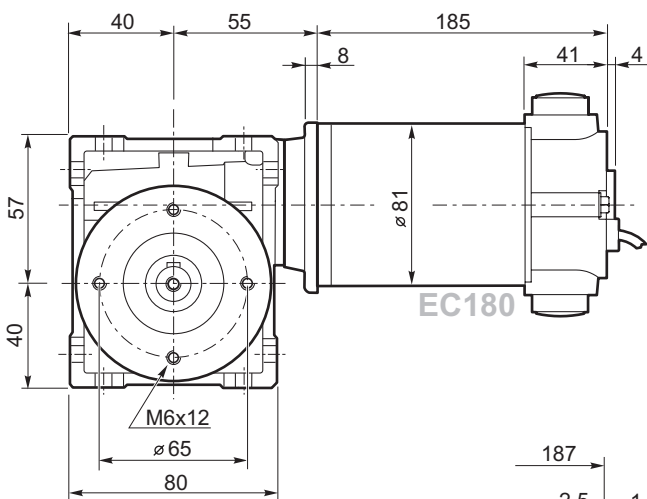


EC180.24E

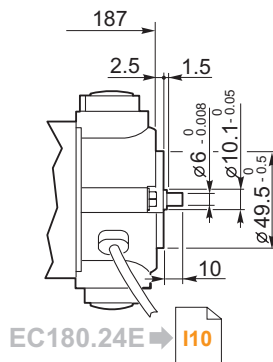


ECP180/026/62... U.. BR
ECP180/026/62... U.. BRL

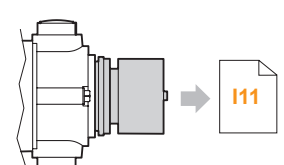
ECWMP180/030/81...U



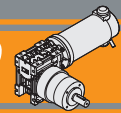
ECWMP180/030/81...C



EC180.24E



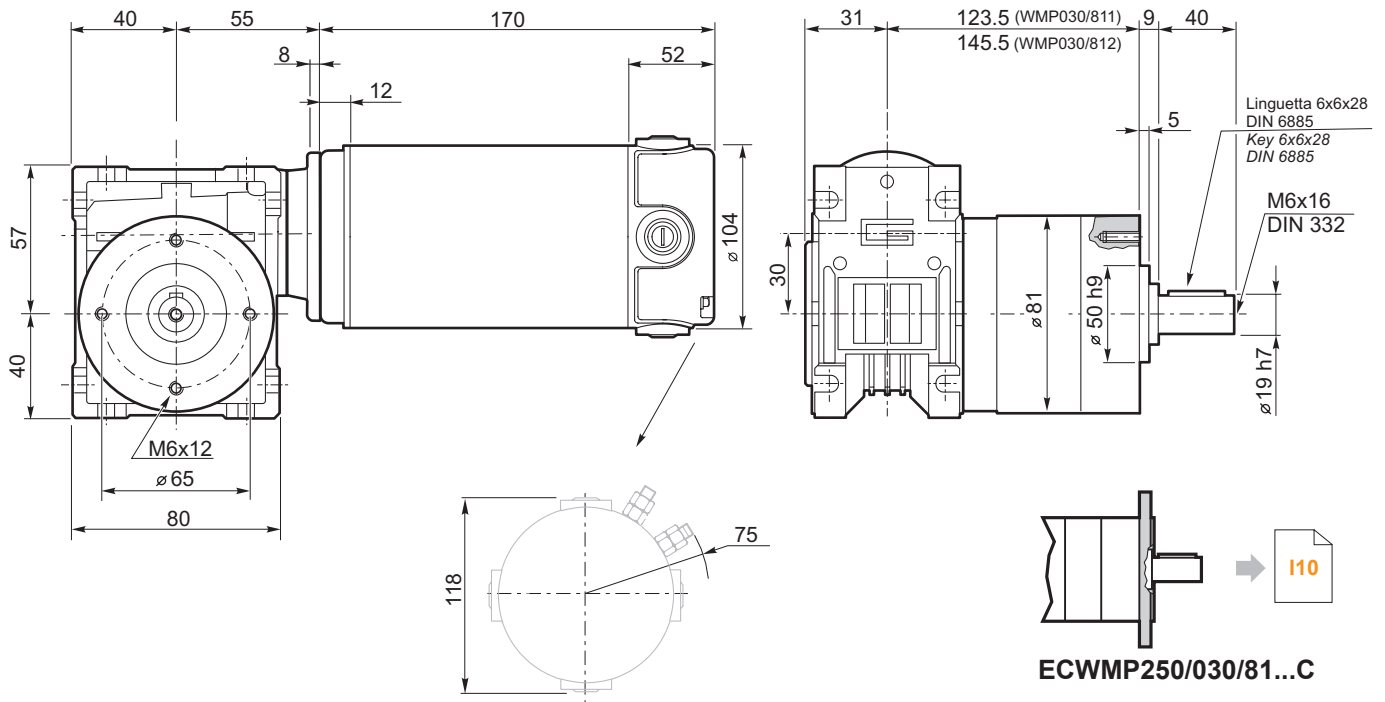
ECP180/030/81... U.. BR
ECP180/030/81... U.. BRL



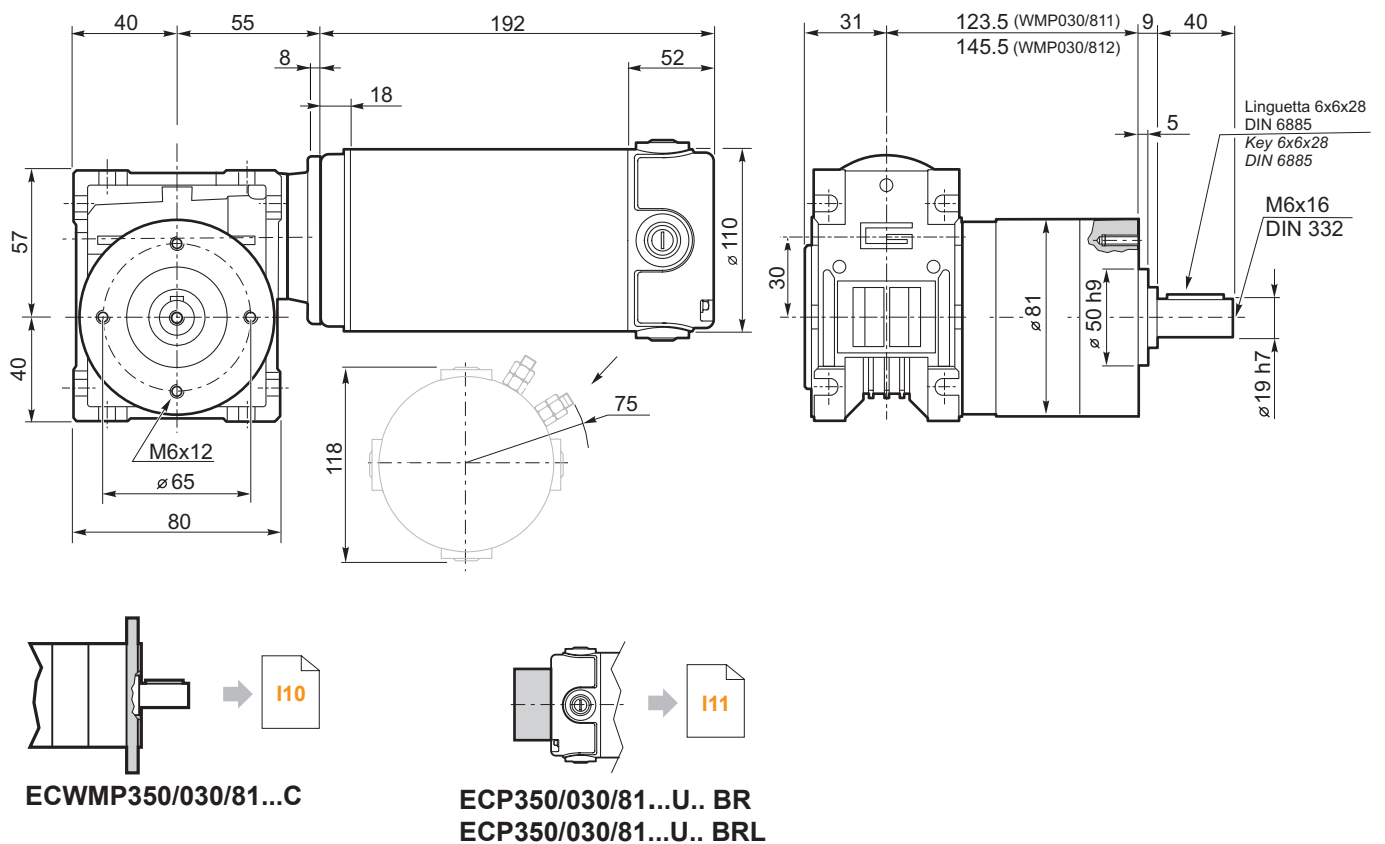
Dimensioni

Dimensions

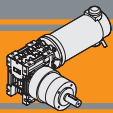
ECWMP250/030/81...U



ECWMP350/030/81...U



ECWMP



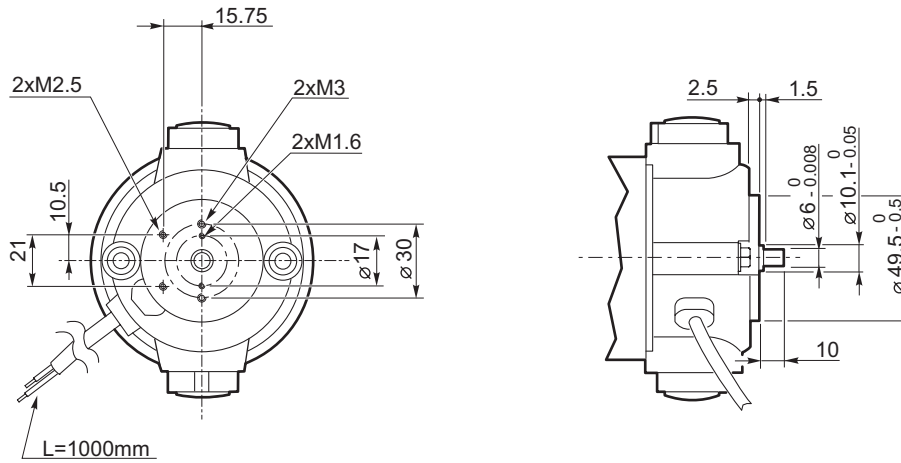
ECWMP

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

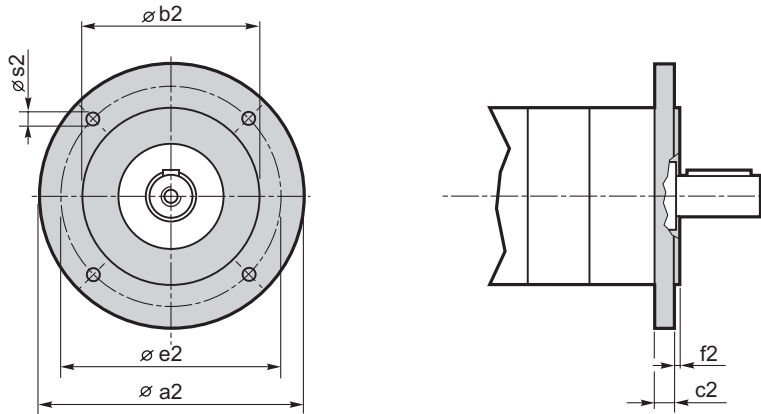
Dimensioni

Dimensions

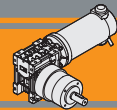
ECP100.24E
ECP180.24E



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

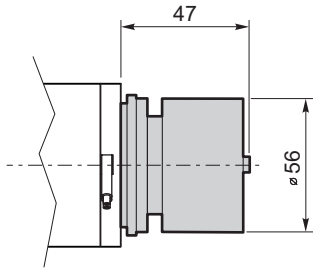


Dimensioni

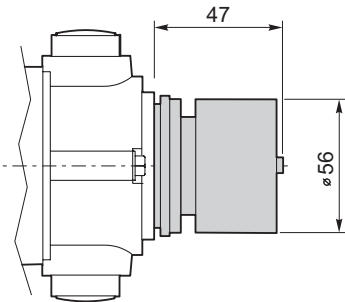
Dimensions

Freno / Brake

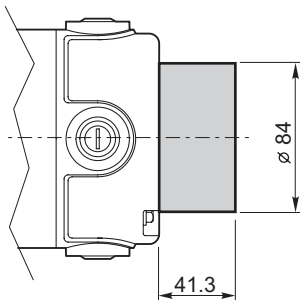
ECWMP50/... U BR
ECWMP70/... U BR



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

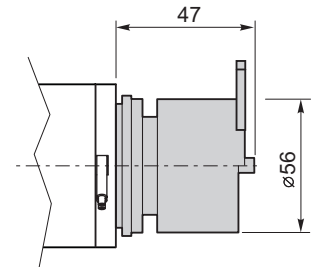
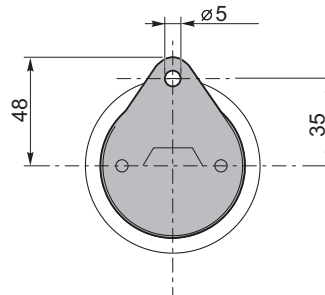


ECWMP350/... U BR
ECWMP600/... U BR

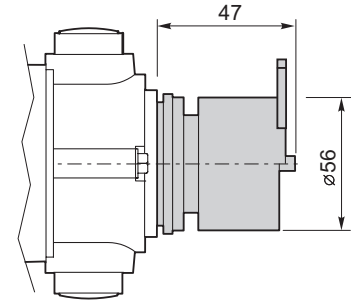
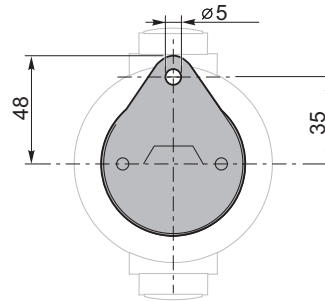


Freno con leva di sblocco / Brake with hand release

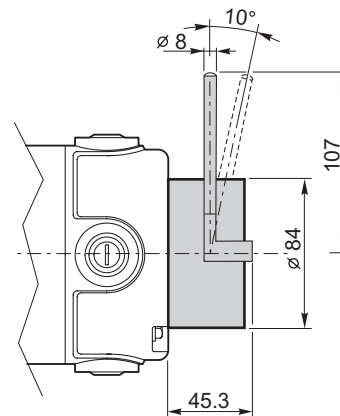
ECWMP50/... U BRL
ECWMP70/... U BRL

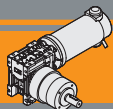


ECWMP100/... U BRL
ECWMP180/... U BRL



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



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

Архангельск (8182)63-90-72
Астана (7172)727-132
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48

Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Единый адрес для всех регионов: ton@nt-rt.ru || www.transtecno.nt-rt.ru