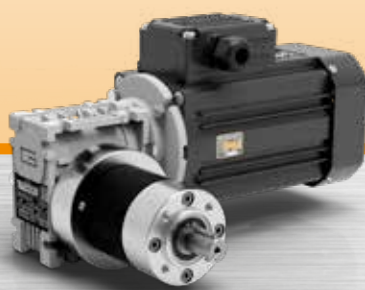


MINI  **TECNO**
small but strong

WMP

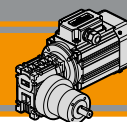
Motoriduttori CA combinati
AC Double reduction gearmotors



MINI  **TECNO** brand of
TRANSTECNO[®]



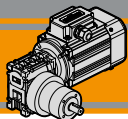
AC



Indice	Index	Pag. Page
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Designazione	<i>Classification</i>	AH2
Versioni	<i>Versions</i>	AH2
Simbologia	<i>Symbols</i>	AH3
Lubrificazione	<i>Lubrication</i>	AH3
Carichi radiali	<i>Radial loads</i>	AH3
Rapporti	<i>Ratios</i>	AH3
Dati tecnici	<i>Technical data</i>	AH4
Motori applicabili	<i>IEC Motor adapters</i>	AH5
Dimensioni	<i>Dimensions</i>	AH5

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Caratteristiche tecniche

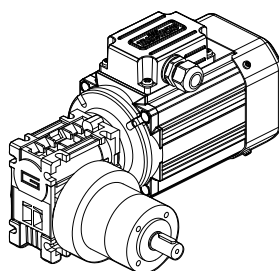
Technical features

Le caratteristiche principali dei motoriduttori WMP sono:

WMP gearmotors gearmotors have the following main features:


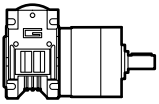
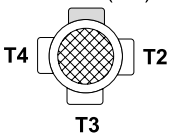
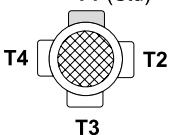
- Costruzione compatta
- Motorizzazioni in corrente alternata monofase e trifase
- Carcassa motore estrusa in alluminio anodizzato nero
- Motore elettrico AC con grado di protezione IP66
- Adatti per servizio continuo ed intermittente
- Disponibili sia nella versione ventilata TEFC (servizio S1) che non ventilata TENV (servizio S3)
- Protezioni termiche per le taglie 56 e 63
- SMT56 e SMT63 adatti al funzionamento con alimentazione da inverter

- Compact design
- AC single phase and three phase motors available
- Motor extruded aluminum housing black anodized
- AC electric motor in IP66 protection Standard
- Suitable for continuous and intermittent operations
- Fan cooled TEFC (duty S1) and not ventilated TENV (duty S3) versions available
- Thermal protection for motor sizes 56 and 63
- SMT56 and SMT63 are suitable for running with inverter



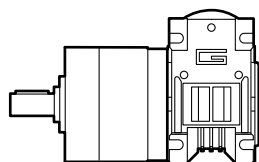
Designazione

Classification

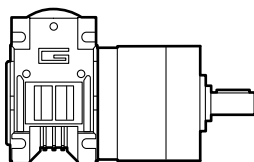
RIDUTTORE / GEARMOTOR								
WMP	026/52	2	C	202.5	56 B14			
Tipo Type	Grandezza Size	Numero stadi epicicloidale Planetary stages number	Versione riduttore Gearbox Version	Rapporto Ratio	IEC  56 B14			
WMP 	026/52 026/62	1 2 3	US UD CS80...120 CD80...120	Vedere tabella See tables				
SMT	56	2	4	B14	230-400 V	50 Hz	TEFC	T1
Tipo Type	Grandezza Size	Indicativo potenza Power coefficient	Poli Poles	Forma costruttiva Version	Tensione Voltage	Frequenza Frequency	Ventilazione Fan cooling	Pos. morsetteria Terminal box pos.
SMT trifase threephase	vedi tabelle see tables	1-2-3-4-5	4	B14	230-400 V	50Hz 60Hz	TEFC TENV	T1 (Std) 
SMM	56	2	4	B14	230 V	50 Hz	TEFC	T1
Tipo Type	Grandezza Size	Indicativo potenza Power coefficient	Poli Poles	Forma costruttiva Version	Tensione Voltage	Frequenza Frequency	Ventilazione Fan cooling	Pos. morsetteria Terminal box pos.
SMM monofase singlephase	vedi tabelle see tables	1-2-3-4	4	B14	230 V	50Hz	TEFC TENV	T1 (Std) 

Versioni

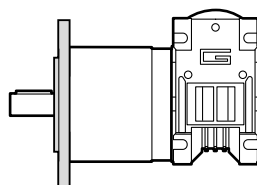
Versions



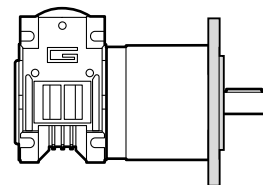
US



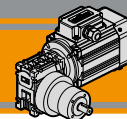
UD



CS



CD



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>	Rd %	Rendimento dinamico / <i>Dynamic efficiency</i>
i	Rapporto di riduzione / <i>Ratio</i>	A_2 [N]	Carico assiale ammissibile in uscita / <i>Permitted output axial load</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_2 [Nm]	Coppia in uscita in funzione di P_1 / <i>Output torque referred to P_1</i>		

Lubrificazione

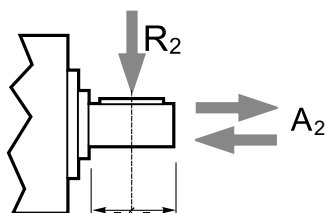
Lubrication

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



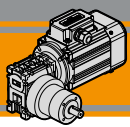
Numero di stadi Stages number	Carichi Radiali R_2 [N] / Radial Load R_2 [N]	
	P52	P62
1	200	240
2	320	360
3	450	520

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

Rapporti

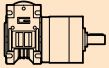
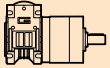
Ratios

Motoriduttore Gearmotor	Numero stadi epicicloidale Planetary stages number	Rapporto epicicloidale Planetary ratio	Rapporto vite senza fine Wormgearbox ratio	Rapporto finale Total ratio
WMP 026/052 WMP 026/062	1	6.75	10	67.5
			15	101.3
			20	135
			30	202.5
			40	270
			50	337.5
	2	25.01	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



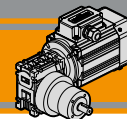
Dati tecnici

Technical data

P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	P_1 [kW]	n_2 [min ⁻¹]	M_2 [Nm]	sf	i		Versione motore Motor version	
0.04							0.06							
SMT5014	20.7	12.2	2.0	67.5	026/521	B14	SMT5024	20.7	18.3	1.4	67.5	026/521	B14	
SMM5014	13.8	17.2	1.4	101.3			SMM5024	13.8	25.0	1.0	101.3			
(1400 min ⁻¹)	10.4	21.8	1.1	135			(1400 min ⁻¹)	10.4	25.0	1.0	135			
	6.9	25.0	1.0	202.5										
	5.2	25.0	1.0	270										
	4.1	25.0	1.0	337.5	026/522	B14		20.7	18.3	2.2	67.5	026/621	B14	
	3.5	25.0	1.0	405					13.8	25.9	1.5			101.3
									10.4	32.7	1.2			135
									6.9	40.0	1.0			202.5
	5.6	25.0	1.0	250.1					5.2	40.0	1.0			270
	3.7	25.0	1.0	375.15										
	2.8	25.0	1.0	500.2					5.6	50.0	1.0			250.1
	1.9	25.0	1.0	750.3										
	1.4	25.0	1.0	1000.4										
	1.1	25.0	1.0	1250.5										
	0.9	25.0	1.0	1500.6	026/621	B14								
	0.5	25.0	1.0	2734										
	20.7	12.2	3.3	67.5										
	13.8	17.2	2.3	101.3										
	10.4	21.8	1.8	135										
	6.9	29.2	1.4	202.5										
	5.2	36.0	1.1	270										
	4.1	40.0	1.0	337.5										
	3.5	40.0	1.0	405										
					026/622	B14								
	5.6	42.5	1.2	250.1										
	3.7	50.0	1.0	375.15										
	2.8	50.0	1.0	500.2										
	1.9	50.0	1.0	750.3										
	1.4	50.0	1.0	1000.4										
	1.1	50.0	1.0	1250.5										
	0.9	50.0	1.0	1500.6										
	0.5	50.0	1.0	2734										
0.09							0.12							
SMT5034	20.7	25.0	1.0	67.5	026/521	B14	SMT5044	20.7	36.7	1.1	67.5	026/621	B14	
SMM5034							SMM5034							
SMT5624	20.7	27.5	1.5	67.5			SMT5634							
SMM5624	13.8	38.8	1.0	101.3	026/621	B14	SMM5634	13.8	40.0	1.0	101.3	026/622	B14	
(1400 min ⁻¹)	10.4	40.0	1.0	135			(1400 min ⁻¹)							
0.18							0.18							
SMT5644	20.7	40.0	1.0	67.5	026/621	B14	SMT5644	20.7	40.0	1.0	67.5	026/621	B14	
SMM5644							SMM5644							
SMT6324							SMT6324							
SMM6324							SMM6324							
(1400 min ⁻¹)							(1400 min ⁻¹)							

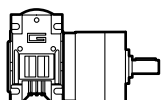
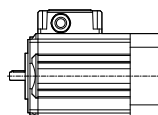
N.B.
Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio.

N.B.
Please check that the output torque M2 does not exceed the value in the grey areas.



Motori applicabili

IEC Motor adapters



		SMT		SMM	
		5014	5624	5014	5624
		5024	5634	5024	5634
		5034	5644	5034	5644
		5044	5654		
WMP	026/52	67.5 - 2734			
	026/62	67.5 - 2734			

67.5 - 2734

Rapporti di riduzione i
Ratio i

Dimensioni

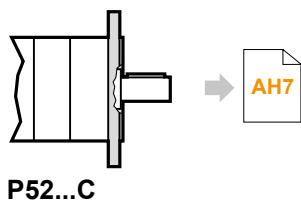
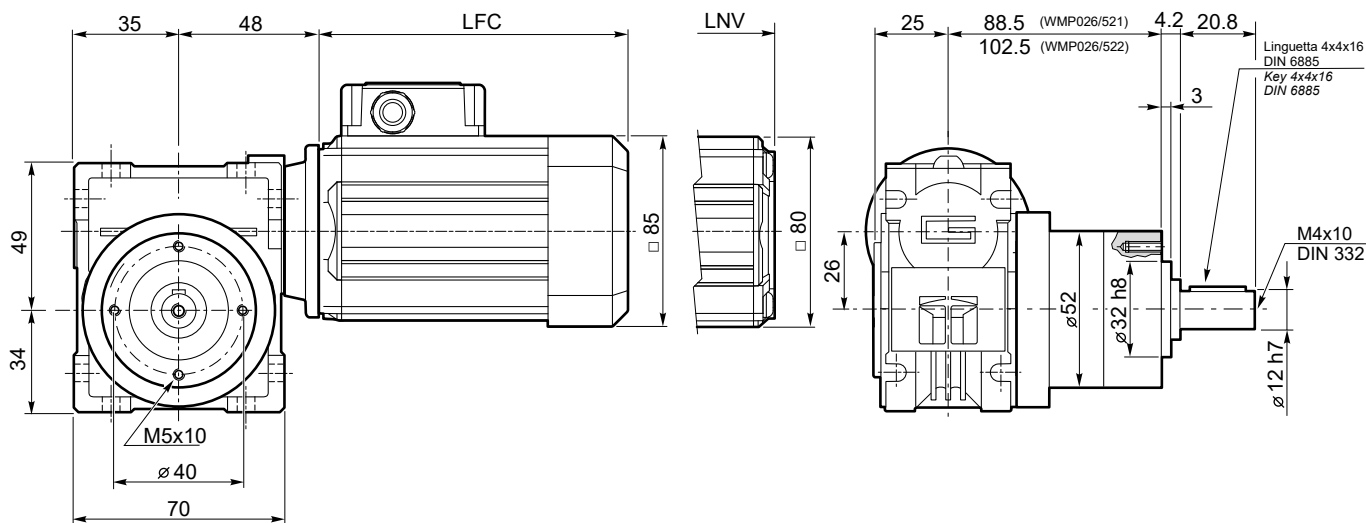
Dimensions

WMP 026/521
WMP 026/522

SMT50...TEFC
SMM50... TEFC

SMT50...TENV
SMM50... TENV

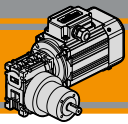
S3 servizio 30%
duty



SMT	LFC	LNV	
5014	135.5	108.5	4.1
5024	150.5	123.5	4.5
5034	175.5	148.5	5.3
5044	200.5	173.5	6

SMM	LFC	LNV	
5014	150.5	123.5	4.5
5024	175.5	148.5	5.3
5034	200.5	173.5	6

Nota: il condensatore sarà fornito a corredo
Note: the capacitor will be supplied separately



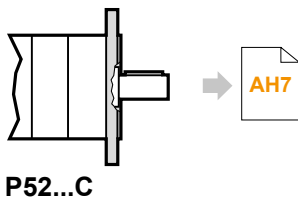
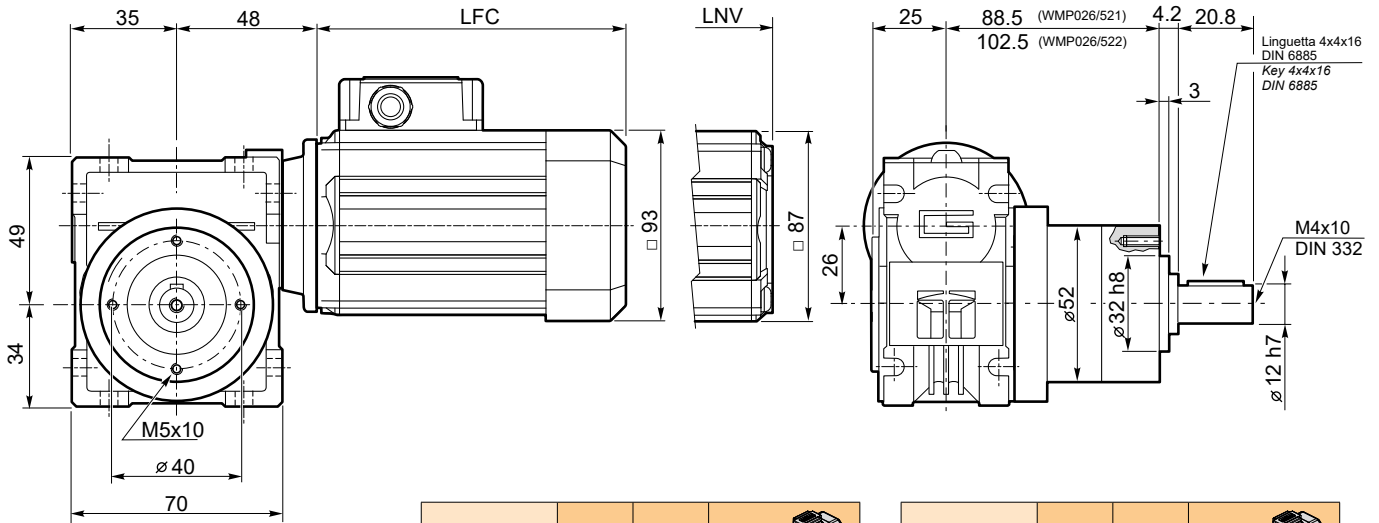
Dimensioni

Dimensions

WMP 026/521
WMP 026/522

SMT56...TEFC
SMM56... TEFC

SMT56...TENV
SMM56... TENV S3 servizio duty 30%



P52...C

SMT	LFC	LNV	Kg	
5624	141	117	4.6	
5634	151	127	5	
5644	186	162	6.2	
5654	206	182	6.9	

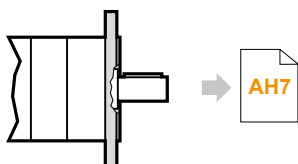
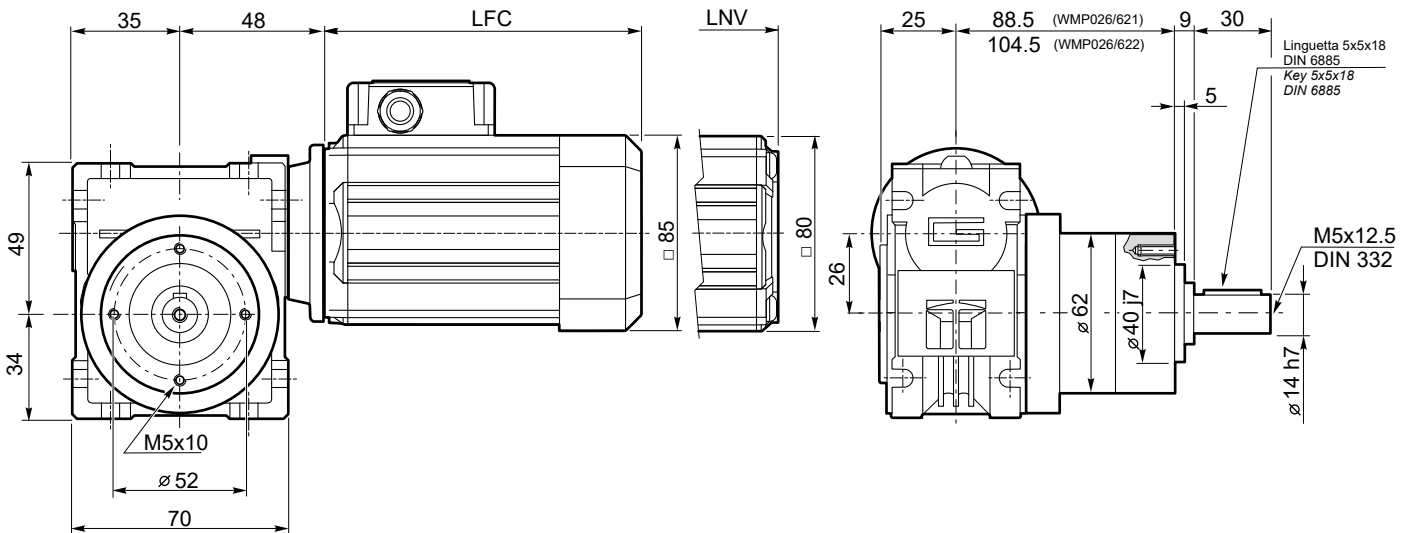
SMM	LFC	LNV	Kg	
5624	151	127	4.9	
5634	171	147	5.5	
5644	206	182	6.8	

Nota: il condensatore sarà fornito a corredo
Note: the capacitor will be supplied separately

WMP 026/621
WMP 026/622

SMT50...TEFC
SMM50... TEFC

SMT50...TENV
SMM50... TENV S3 servizio duty 30%

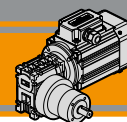


P62...C

SMT	LFC	LNV	Kg	
5014	135.5	108.5	4.4	
5024	150.5	123.5	4.8	
5034	175.5	148.5	5.6	
5044	200.5	173.5	6.3	

SMM	LFC	LNV	Kg	
5014	150.5	123.5	4.8	
5024	175.5	148.5	5.6	
5034	200.5	173.5	6.3	

Nota: il condensatore sarà fornito a corredo
Note: the capacitor will be supplied separately



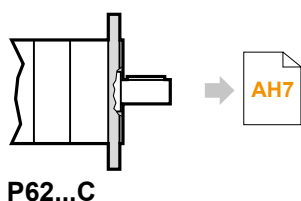
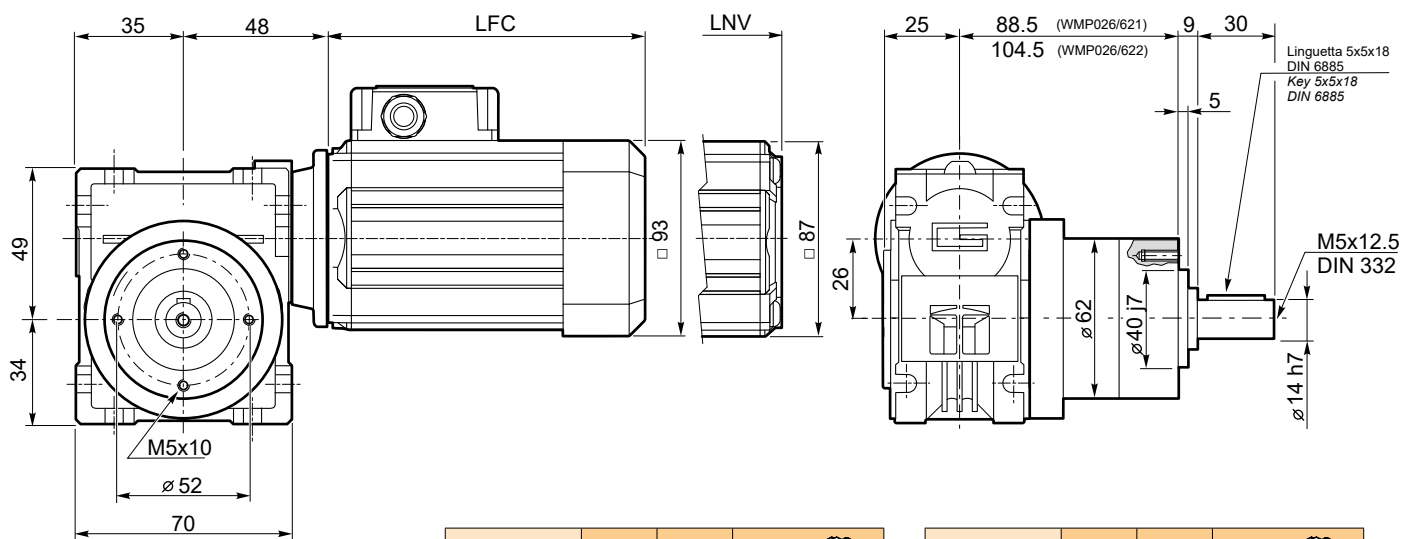
Dimensioni

Dimensions

WMP 026/621
WMP 026/622

SMT56...TEFC
SMM56... TEFC

SMT56...TENV
SMM56... TENV S3 servizio duty 30%

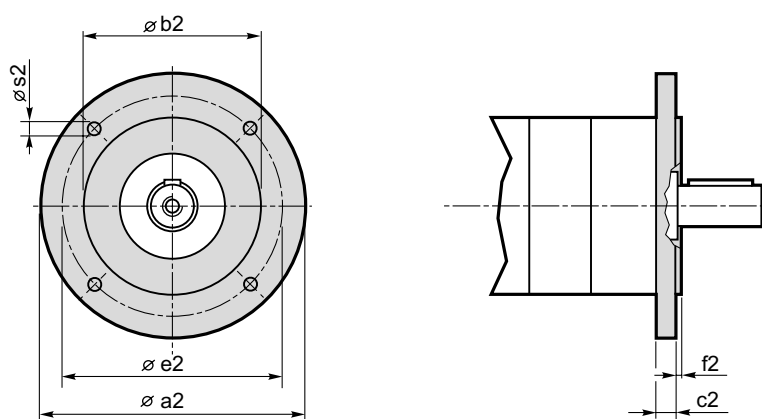


SMT	LFC	LNV	Kg	
5624	141	117	4.9	
5634	151	127	5.3	
5644	186	162	6.5	
5654	206	182	7.2	

SMM	LFC	LNV	Kg	
5624	151	127	5.2	
5634	171	147	5.8	
5644	206	182	7.1	

Nota: il condensatore sarà fornito a corredo
Note: the capacitor will be supplied separately

P.../... 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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