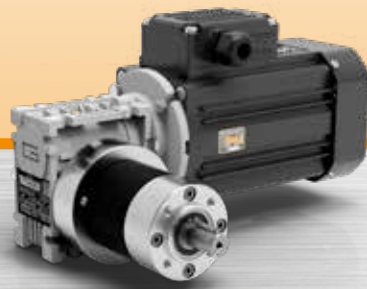


**MINI**   
**TECNO**  
**small** but strong

**WMP**

AC

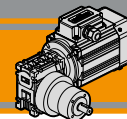
Motoriduttori CA combinati  
AC Double reduction gearmotors



**MINI**   
**TECNO** brand of  
**TRANSTECNO**<sup>®</sup>



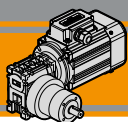




<b>Indice</b>	<b>Index</b>	Pag. Page
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Designazione	<i>Classification</i>	<b>AH2</b>
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Dati tecnici	<i>Technical data</i>	<b>AH4</b>
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**Caratteristiche tecniche**

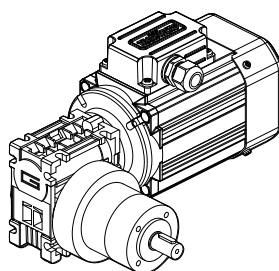
**Technical features**

Le caratteristiche principali dei motoriduttori WMP sono:

WMP gearmotors gearmotors have the following main features:


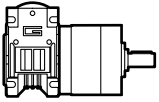
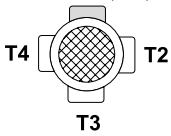
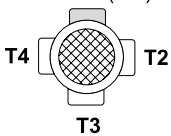
- Costruzione compatta
- Motorizzazioni in corrente alternata monofase e trifase
- Carcassa motore estrusa in alluminio anodizzato nero
- Motore elettrico AC con grado di protezione IP66
- Adatti per servizio continuo ed intermittente
- Disponibili sia nella versione ventilata TEFC (servizio S1) che 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



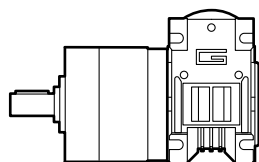
**Designazione**

**Classification**

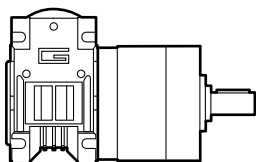
RIDUTTORE / GEARMOTOR								
WMP	026/52	2	C	202.5	56 B14			
Tipo Type	Grandezza Size	Numero stadi epicicloidale Planetary stages number	Versione riduttore Gearbox Version	Rapporto Ratio	IEC  56 B14			
<b>WMP</b> 	<b>026/52</b> <b>026/62</b>	<b>1</b> <b>2</b> <b>3</b>	<b>US</b> <b>UD</b> <b>CS80...120</b> <b>CD80...120</b>	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.
<b>SMT</b> trifase threephase	vedi tabelle see tables	<b>1-2-3-4-5</b>	<b>4</b>	<b>B14</b>	<b>230-400 V</b>	<b>50Hz</b> <b>60Hz</b>	<b>TEFC</b> <b>TENV</b>	<b>T1 (Std)</b> 
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.
<b>SMM</b> monofase singlephase	vedi tabelle see tables	<b>1-2-3-4</b>	<b>4</b>	<b>B14</b>	<b>230 V</b>	<b>50Hz</b>	<b>TEFC</b> <b>TENV</b>	<b>T1 (Std)</b> 

**Versioni**

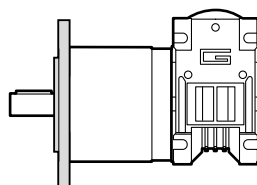
**Versions**



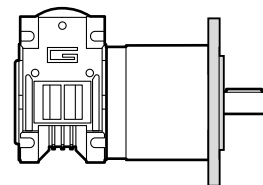
US



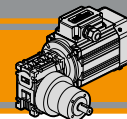
UD



CS



CD



**Simbologia**

**Symbols**

$n_1$ [min <sup>-1</sup> ]	Velocità in ingresso / <i>Input speed</i>	$sf$	Fattore di servizio / <i>Service factor</i>
$n_2$ [min <sup>-1</sup> ]	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 <math>P_1</math></i>		

**Lubrificazione**

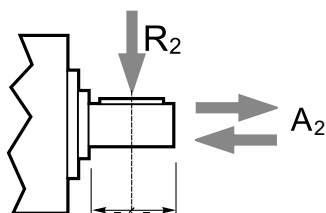
**Lubrication**

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**



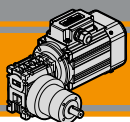
Numero di stadi <i>Stages number</i>	Carichi Radiali $R_2$ [N] / <i>Radial Load <math>R_2</math> [N]</i>	
	P52	P62
1	200	240
2	320	360
3	450	520

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

**Rapporti**

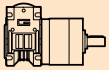
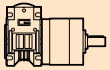
**Ratios**

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



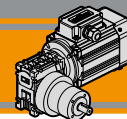
**Dati tecnici**

**Technical data**

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

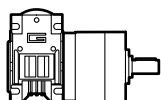
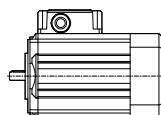
N.B.  
Verificare sempre che la coppia M2 utilizzata non ecceda il valore indicato nelle caselle in grigio.

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

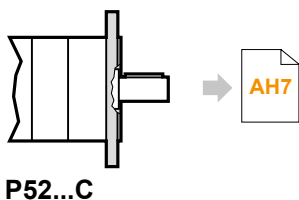
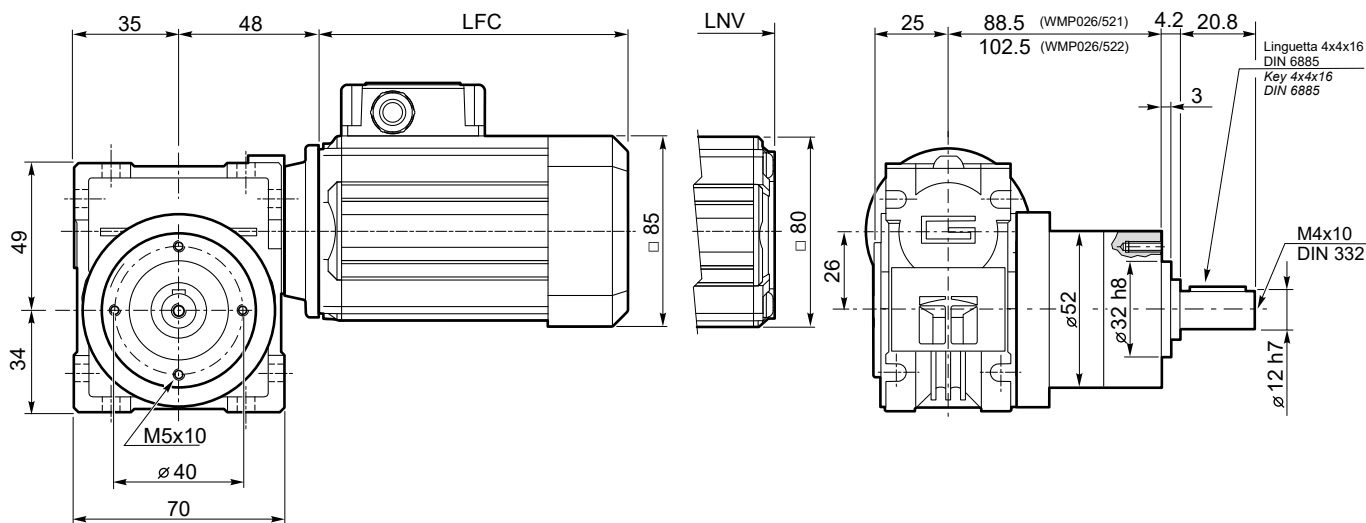
Dimensions

WMP 026/521  
WMP 026/522

SMT50...TEFC  
SMM50... TEFC

SMT50...TENV  
SMM50... TENV

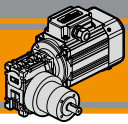
S3 servizio 30%  
duty



SMT	LFC	LNV	Kg	
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	Kg	
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



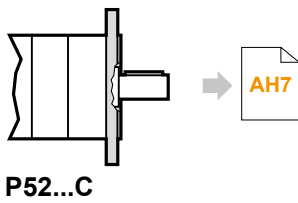
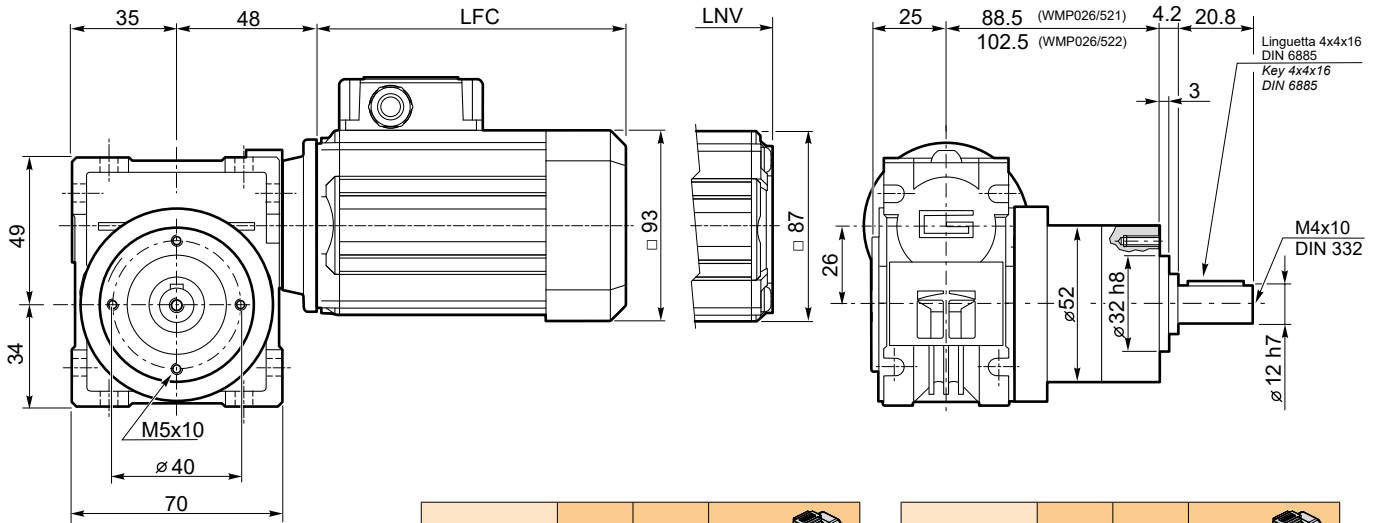
**Dimensioni**

**Dimensions**

**WMP 026/521**  
**WMP 026/522**

**SMT56...TEFC**  
**SMM56... TEFC**

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



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

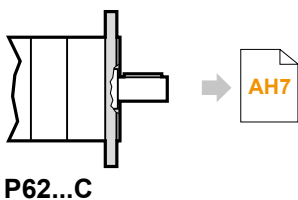
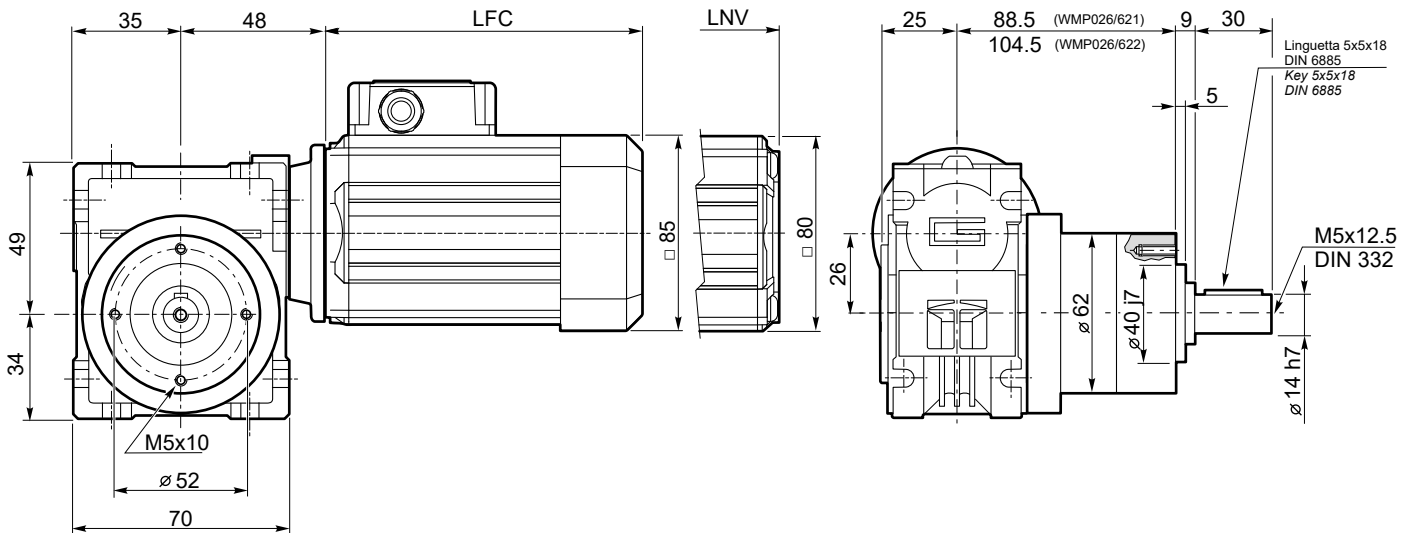
SMM	LFC	LNV	Kg	
5624	151	127	4.9	
5634	171	147	5.5	
5644	206	182	6.8	

**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 **30%**  
duty

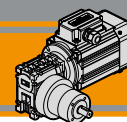


SMT	LFC	LNV	Kg	
5014	135.5	108.5	4.4	
5024	150.5	123.5	4.8	
5034	175.5	148.5	5.6	
5044	200.5	173.5	6.3	

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

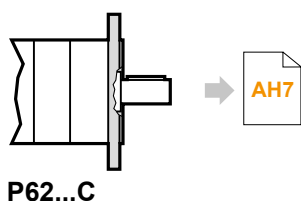
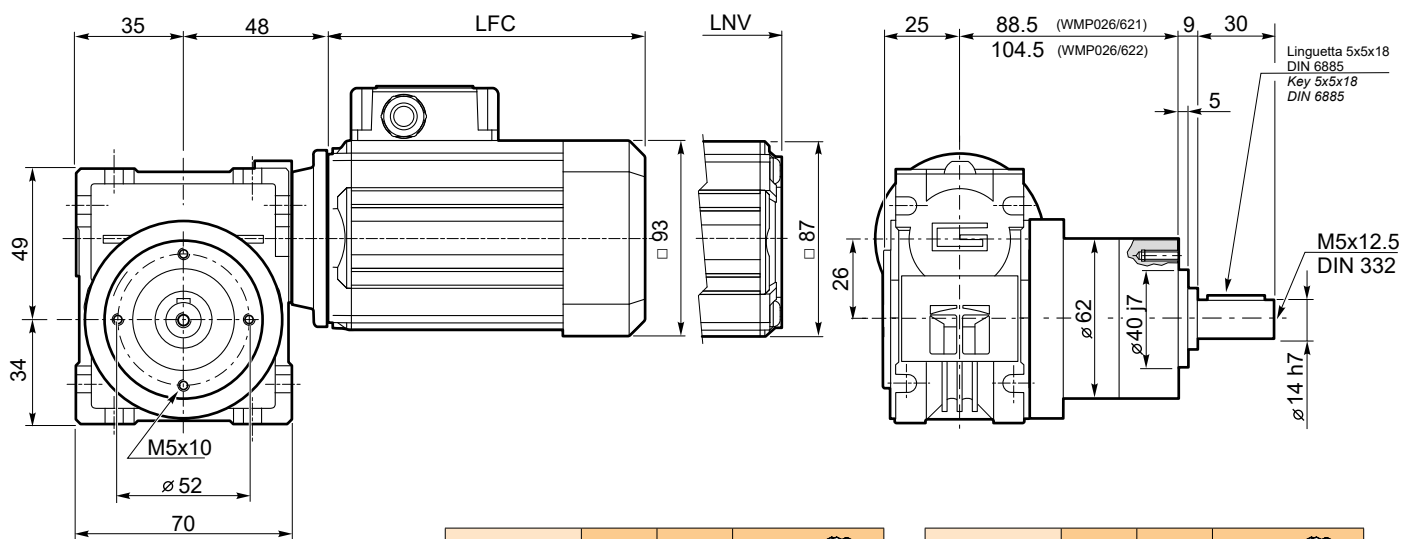
Dimensions

WMP 026/621  
WMP 026/622

SMT56...TEFC  
SMM56... TEFC

SMT56...TENV  
SMM56... TENV

S3 servizio  
duty 30%

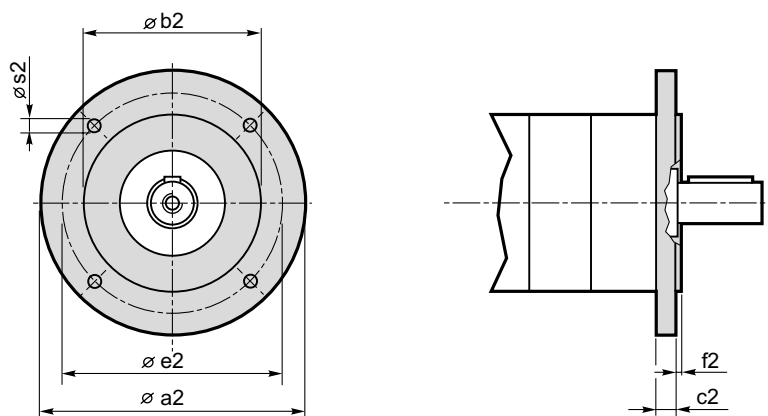


SMT	LFC	LNV	Kg	
5624	141	117	4.9	
5634	151	127	5.3	
5644	186	162	6.5	
5654	206	182	7.2	

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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