



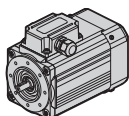
Motori applicabili
Applicable motors



DRAINTECH

division

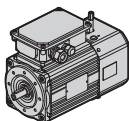




Motori elettrici CA
SM

Electric motors AC
SM

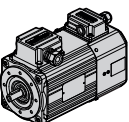
F2



Motori elettrici CA
autofrenanti
SMT..BR

Electric motors AC
self-braking
SMT..BR

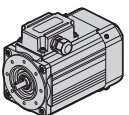
F11



Motori elettrici CA
servoventilati
SMT..SV

Electric motors AC
servo-ventilated
SMT..SV

F15



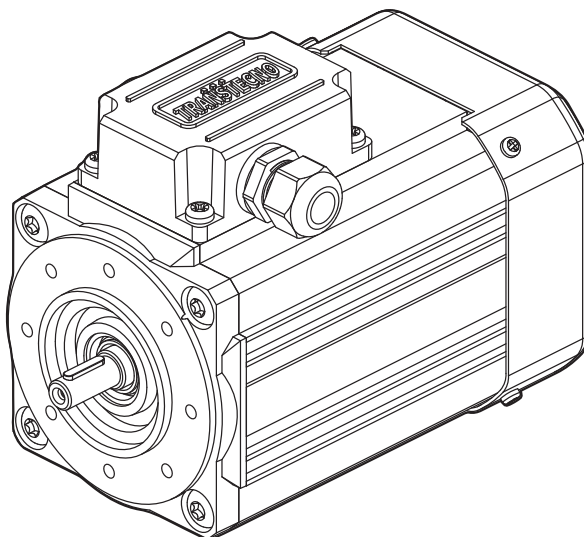
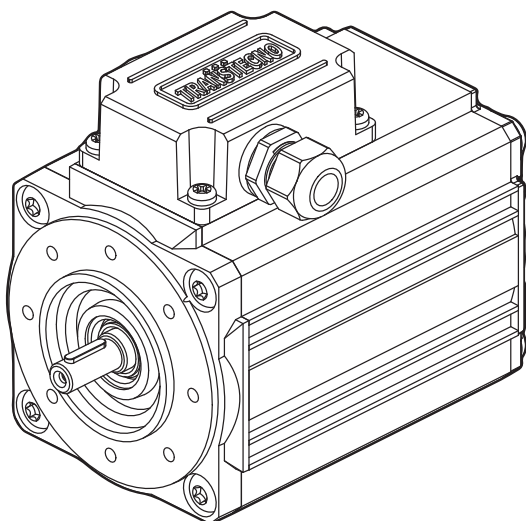
Motori elettrici CA
SM..UL/CSA

Electric motors AC
SM..UL/CSA

F19

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Motore elettrici CA - SM
AC electric motors - SM
Caratteristiche tecniche
Technical features

SM .. TEFC

SM .. TENV


Motori elettrici CA - SM

AC electric motors - SM

I motori delle serie SMT ed SMM hanno le seguenti caratteristiche principali:

- Costruzione compatta
- Motorizzazioni in corrente alternata monofase e trifase
- Carcassa estrusa in alluminio anodizzato nero
- Motore elettrico CA con grado di protezione IP66
- Rumorosità e vibrazioni contenute
- Isolamento termico di classe F
- Flangia motore IEC B14
- Temperatura ambiente: -20°C / + 40°C
- Disponibili sia nella versione ventilata TEFC (servizio S1) che non ventilata TENV (servizio S3)
- Protezioni termiche PTO 150°C per le taglie 56, 63, 71, 80 e 90.
- SMT56, SMT63, SMT71, SMT80 e SMT90 adatti al funzionamento con alimentazione da inverter.
- SMT80 e SMT90 conformi alla classe di rendimento IE3.
- Cava esagonale su albero motore lato NDE.
- Condensatore di marcia sempre cablato ad esclusione della taglia SMM50.
- La tolleranza di tensione è $\pm 10\%$ per tutti i motori ad esclusione della taglia 50 ($\pm 5\%$).
- Disponibili nelle versioni autofrenante, servoventilata e con certificazione UL/CSA.

The SMT and SMM series motors have the following main features:

- Compact construction
- Single-phase and three-phase AC motors
- Extruded black anodised aluminium casing
- AC electric motor with IP66 protection rating
- Low noise and vibration
- Class F thermal insulation
- IEC B14 motor flange
- Ambient temperature: -20°C / + 40°C
- Available in both TEFC-ventilated (S1 service) and TENV-unventilated (S3 service) versions
- Thermal protection PTO 150°C for sizes 56, 63, 71, 80 and 90.
- SMT56, SMT63, SMT71, SMT80 and SMT90 suitable for inverter-powered operation.
- SMT80 and SMT90 complying with efficiency class IE3.
- Hexagon socket on motor shaft NDE side.
- Start capacitor always wired except for size SMM50.
- The voltage tolerance is $\pm 10\%$ for all motors except size 50 ($\pm 5\%$).
- Available in self-braking, servo-ventilated and UL/CSA certified versions.

Simbologia AC

P_n	[kW]	Potenza nominale
I_n	[A]	Corrente nominale (a 400V)
M_n	[Nm]	Coppia nominale
n_n	[rpm]	Velocità nominale
LR	[dB]	Livello di rumorosità
M_s / M_n		Rapporto coppia spunto / coppia nominale
M_k / M_n		Rapporto coppia massima / coppia nominale
M_{sel} / M_n		Rapporto coppia di sella (minima) / coppia nominale
I_s / I_n		Rapporto corrente di spunto / corrente nominale
$\cos\varphi$		Fattore di potenza al carico nominale
η		Rendimento al carico nominale
S		Servizio
M_b	[Nm]	Coppia frenante
P_{sf}	[W]	Potenza assorbita servoventola

Symbols AC

Nominal power
Nominal current (at 400V)
Nominal torque
Rated speed
Noise level
Inrush torque/rated torque ratio
Maximum torque/rated torque ratio
Saddle torque (minimum) / nominal torque ratio
Inrush current/rated current ratio
Power factor at rated load
Efficiency at rated load
Service
Braking torque
Servo fan power consumption

Motori elettrici CA - SM

AC electric motors - SM

Dati tecnici

Technical data

SMT Motori trifase / SMT Three phase motors

(230-400 V / 50 Hz) poli / poles 4

	TAGLIA SIZE	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	I _n (400V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	PTO [°C]	Servizio Duty TEFC	Servizio Duty TENV
	5014	0.04	0.30	1290	0.25	34.0	0.68	1.65	1.75	1.70	-	S1	S3 30%
	5024	0.06	0.44	1300	0.35	35.7	0.69	1.55	1.80	1.60			
	5034	0.09	0.65	1315	0.54	38.0	0.64	1.80	2.00	1.85			
	5044	0.12	0.87	1315	0.64	43.0	0.63	1.80	2.00	1.80			
	5624	0.09	0.64	1345	0.45	46.5	0.62	2.50	2.40	2.70			
	5634	0.12	0.89	1300	0.45	52.0	0.74	1.90	2.40	1.90	PTO 150°	S1	S3 50%
	5634 IE2	0.12	0.84	1360	0.48	59.1	0.61	2.70	2.90	2.70			
	5644	0.18	1.26	1360	0.69	59.0	0.65	2.50	3.00	2.60			
	5654	0.25	1.80	1330	0.93	59.0	0.66	2.50	2.80	2.60			
	6324	0.18	1.26	1360	0.69	57.0	0.66	2.50	2.90	2.50			
IE2	6324 IE2	0.18	1.27	1360	0.65	64.7	0.62	2.50	2.90	2.50	PTO 150°	S1	-
	6334	0.25	1.74	1375	0.94	62.0	0.64	2.80	3.00	2.80			
	6334 IE2	0.25	1.72	1390	0.88	68.5	0.60	3.20	3.50	3.20			
	6344	0.37	2.60	1360	1.24	65.3	0.66	2.70	3.00	2.70			
	7124	0.37	2.52	1400	1.10	67.9	0.72	2.75	4.20	2.75			
IE2	7124 IE2	0.37	2.48	1425	1.05	72.7	0.70	2.80	4.90	2.90	PTO 150°	S1	-
	7134	0.55	3.76	1395	1.55	70.2	0.73	2.90	4.40	2.90			
	7134 IE2	0.55	3.70	1420	1.56	77.1	0.66	3.40	5.20	3.40			
	7144	0.75	5.09	1405	2.00	74.0	0.73	2.90	5.00	2.90			
	8024 IE3	0.75	4.96	1440	1.94	82.5	0.68	3.60	6.00	3.70			
IE3	8034 IE3	1.1	7.25	1450	2.91	84.1	0.65	4.00	6.80	4.40	S1	S3 70%	
	9024 IE3	1.5	10.0	1430	3.48	85.3	0.73	3.20	6.30	3.50			
	9034 IE3	2.2	14.9	1410	4.68	86.7	0.79	3.00	6.20	3.30		S3 75%	

SMM Motori monofase / SMM Single phase motors

(230 V / 50 Hz) poli / poles 4

TAGLIA SIZE	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	I _n (230V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	Cond/cap [μF]	PTO [°C]	Servizio Duty TEFC	Servizio Duty TENV
5014	0.04	0.27	1390	0.60	33.4	0.88	0.74	1.60	1.55	8.0	-	S1	S3 30%
5024	0.06	0.42	1380	0.89	34.3	0.85	0.76	1.70	1.50	12.0			
5034	0.09	0.63	1375	1.10	40.0	0.89	0.80	1.70	1.45	16.0			
5624	0.09	0.63	1370	0.82	48.6	0.98	0.72	1.70	1.45	6.3			
5634	0.12	0.83	1380	1.06	50.3	0.98	0.75	2.10	1.65	9.0	PTO 150°	S3 75%	S3 50%
5644	0.18	1.25	1375	1.50	53.8	0.97	0.70	2.20	1.58	12.5			
6324	0.18	1.33	1290	1.50	54.5	0.97	1.00	1.80	1.45	12.0			
6334	0.25	1.85	1290	1.95	56.8	0.98	0.93	1.90	1.50	16.0			
7124	0.37	2.72	1300	2.78	58.6	0.99	0.77	2.00	1.35	20.0			S3 45%
7134	0.55	3.95	1330	3.54	68.9	0.98	0.66	2.40	1.40	25.0			
8024	0.75	5.31	1350	4.93	67.4	0.98	0.67	2.50	1.54	35.0			S3 40%

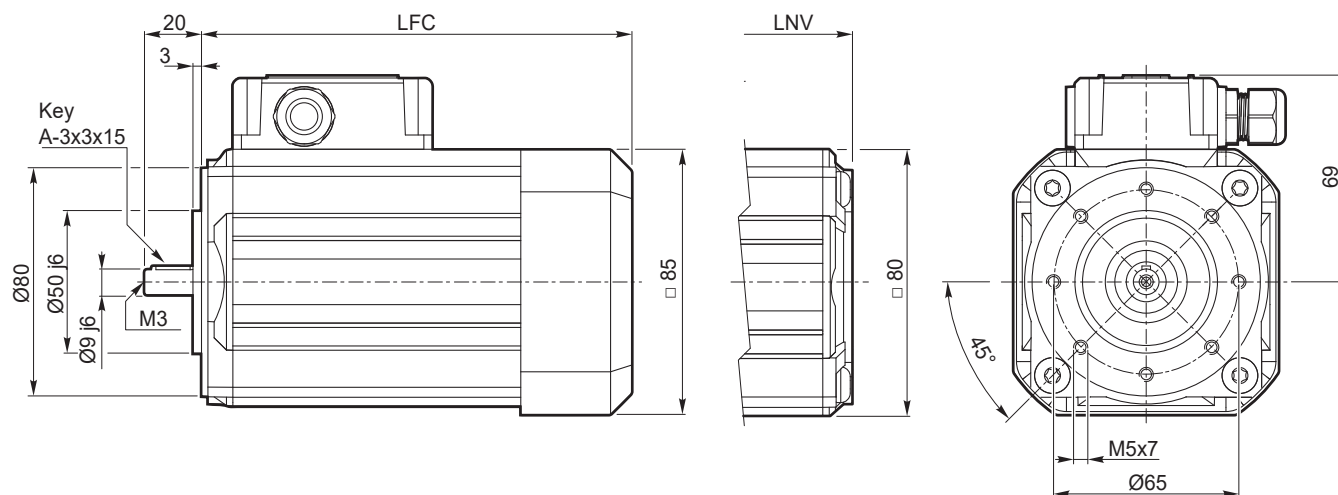
Per dimensioni e ulteriori dati consultare la documentazione disponibile sul sito www.transtecno.com
 For dimensions and further data please refer to the documentation available at www.transtecno.com

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

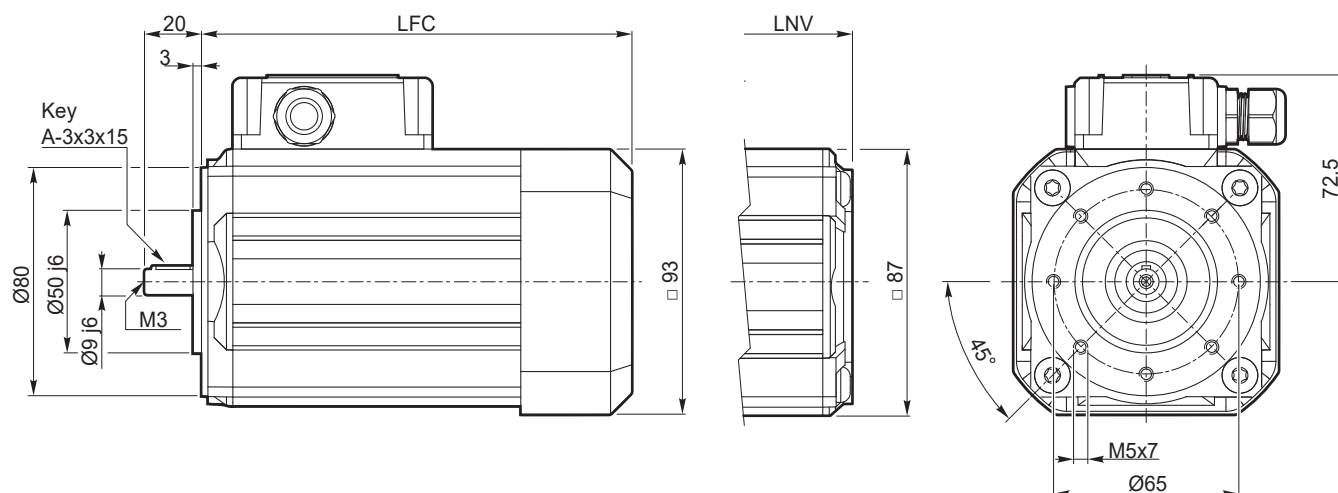
SMT50.. - B14 - TEFC / TENV



SMT	... TEFC		... TENV	
	LFC	kg	LNV	kg
5014	135.5	2.3	108.5	2.2
5024	150.5	2.7	123.5	2.6
5034	175.5	3.5	148.5	3.4
5044	200.5	4.2	173.5	4.1

3 ~

SMT56.. - B14 - TEFC / TENV



SMT	... TEFC		... TENV	
	LFC	kg	LNV	kg
5624	141	2.9	117	2.8
5634	151	3.2	127	3.1
5634 IE2	171	3.8	-	-
5644	186	4.4	162	4.3
5654	206	5.1	182	5.0

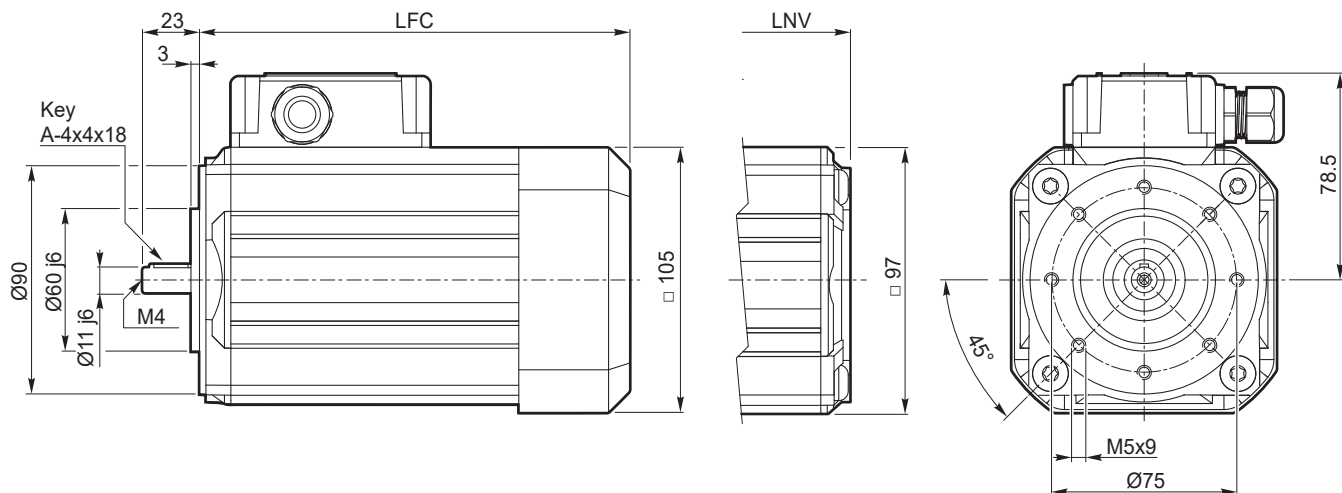
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Dimensioni motori trifase

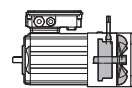
Dimensions of three-phase motors

3 ~

SMT63.. - B14 - TEFC / TENV

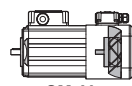


SMT	... TEFC		... TENV	
	LFC	Kg	LNV	Kg
6324	165.5	4.3	138.5	4.2
6324 IE2	180.5	4.9	-	-
6334	180.5	5.0	153.5	4.9
6334 IE2	205.5	6.1	-	-
6344	205.5	6.2	178.5	6.1



SM..BR..
Motori autofrenanti
Self-braking motors

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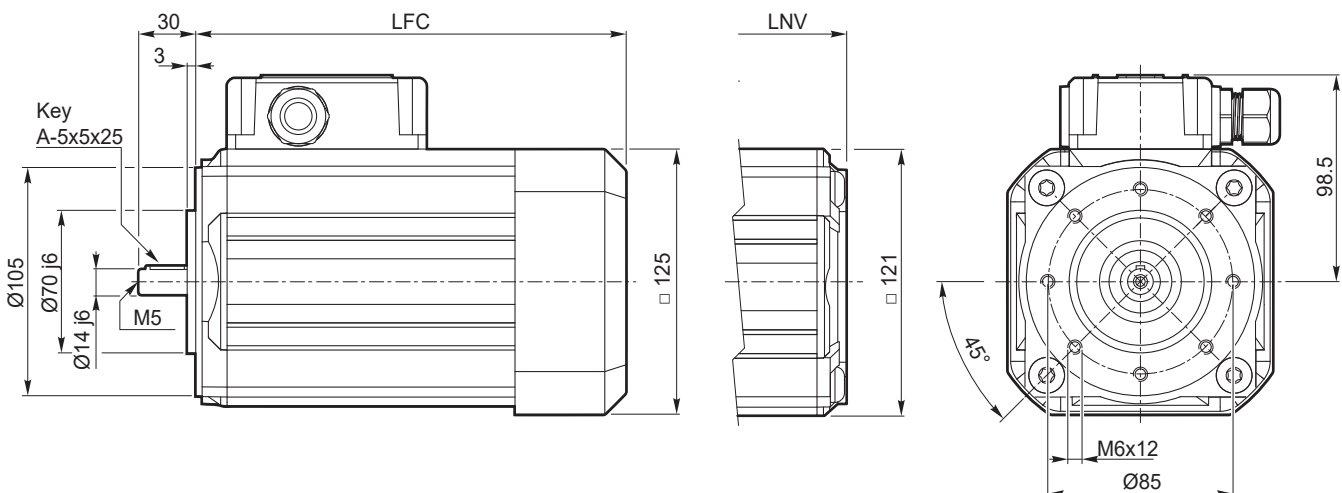


SM..V..
Motori servoventilati
Servo-ventilated motors

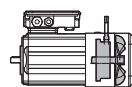
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3 ~

SMT71.. - B14 - TEFC / TENV

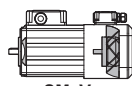


SMT	... TEFC		... TENV	
	LFC	Kg	LNV	Kg
7124	174	6.6	145.5	6.4
7124 IE2	189	7.5	-	-
7134	189	7.7	160.5	7.5
7134 IE2	214	9.2	-	-
7144	214	9.4	185.5	9.2



SM..BR..
Motori autofrenanti
Self-braking motors

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pag.



SM..V..
Motori servoventilati
Servo-ventilated motors

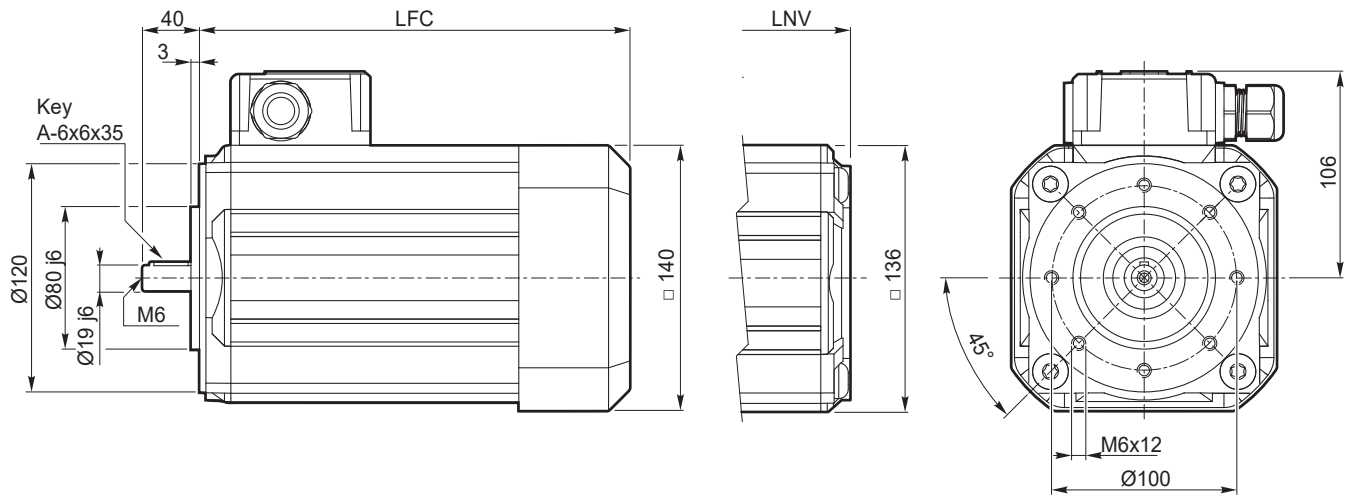
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Dimensioni motori trifase

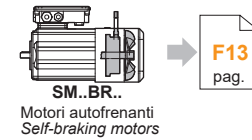
Dimensions of three-phase motors

3 ~

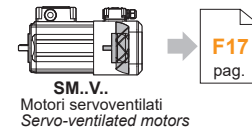
SMT80.. - B14 - TEFC / TENV



SMT	... TEFC		... TENV	
	LFC	kg	LNV	kg
8024	233	11.8	196	11.5
8034	283	16.8	246	16.5



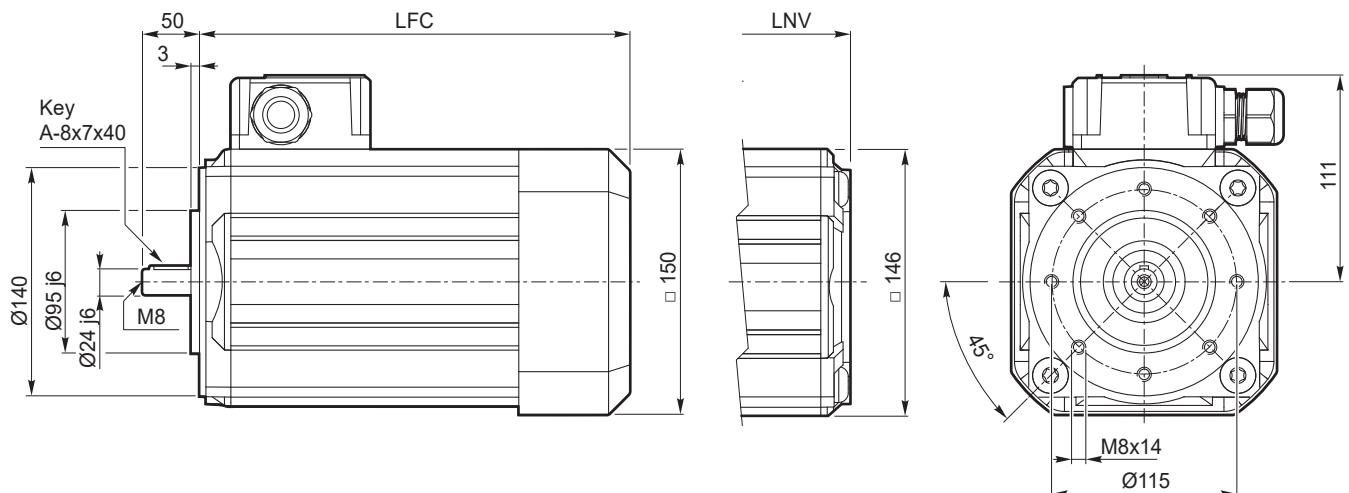
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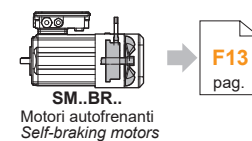
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3 ~

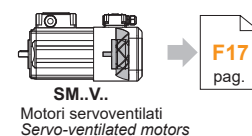
SMT90.. - B14 - TEFC / TENV



SMT	... TEFC		... TENV	
	LFC	kg	LNV	kg
9024	283	18.2	246	17.9
9034	313	21.5	276	21.2



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pag.



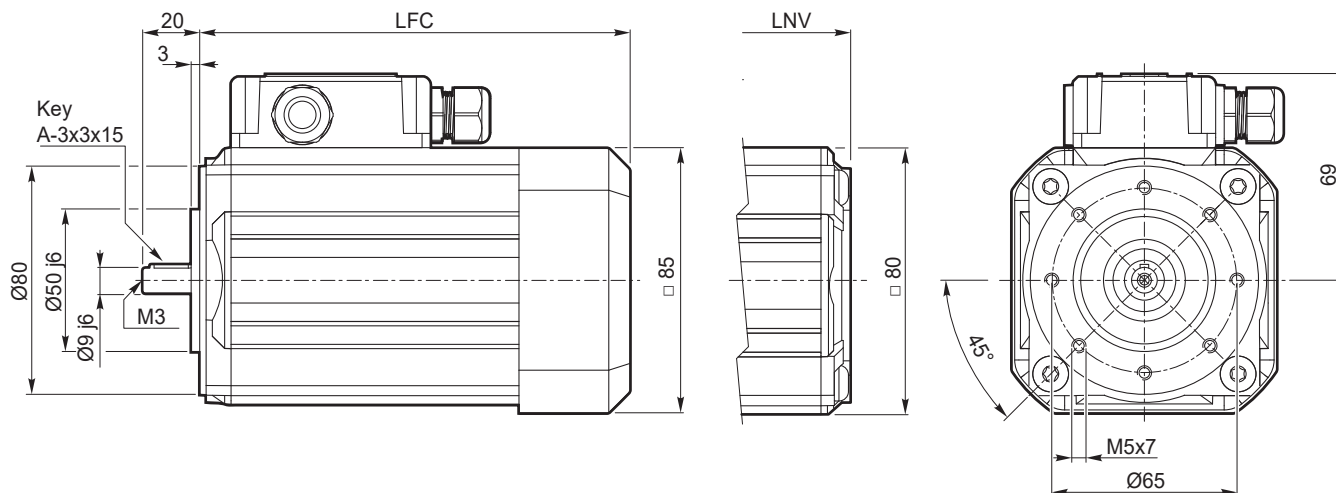
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Dimensioni motori monofase

Dimensions of single-phase motors

1 ~

SMM50.. - B14 - TEFC / TENV



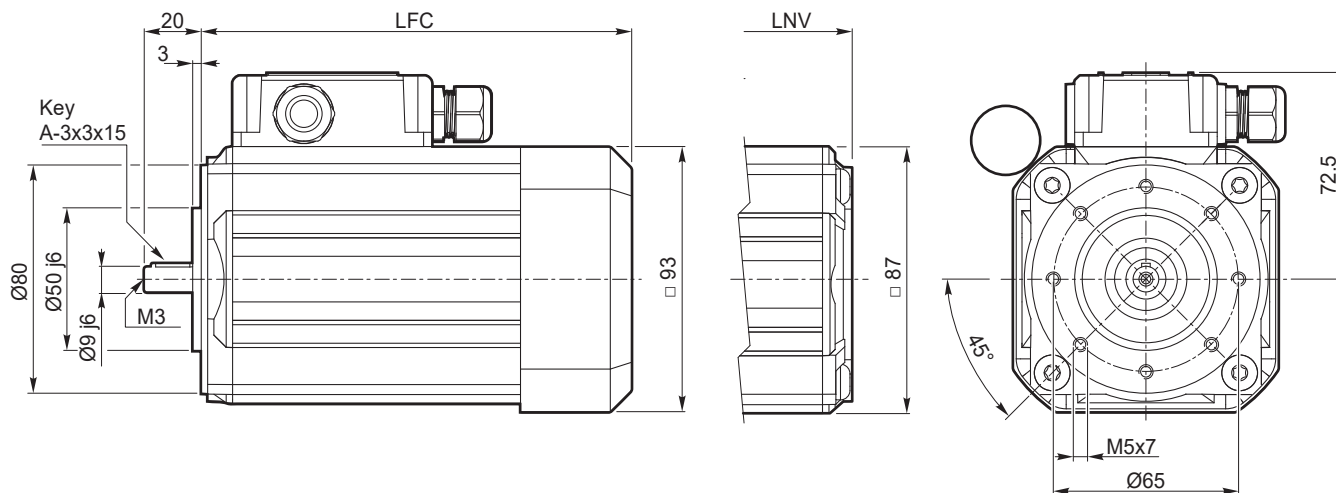
SMM	... TEFC		... TENV	
	LFC	kg	LN	kg
5014	150.5	2.7	123.5	2.6
5024	175.5	3.5	148.5	3.4
5034	200.5	4.2	173.5	4.1

Nota:
il condensatore sarà fornito a corredo

Note:
the capacitor will be supplied

1 ~

SMM56.. - B14 - TEFC / TENV



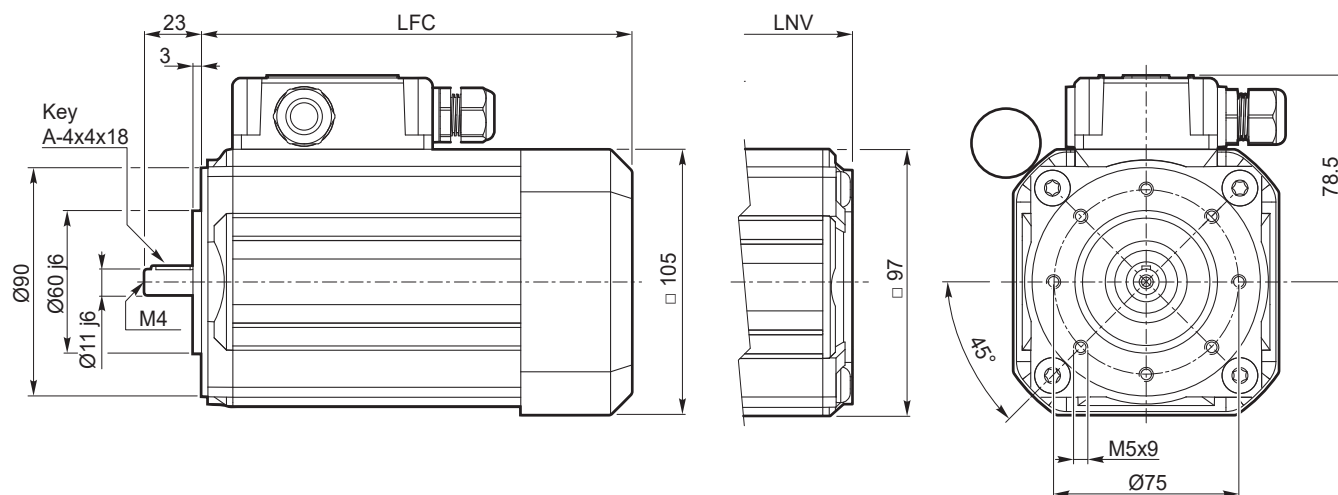
SMM	... TEFC		... TENV	
	LFC	kg	LN	kg
5624	151	3.3	127	3.2
5634	171	3.9	147	3.8
5644	206	5.0	182	4.9

Dimensioni motori monofase

Dimensions of single-phase motors

1 ~

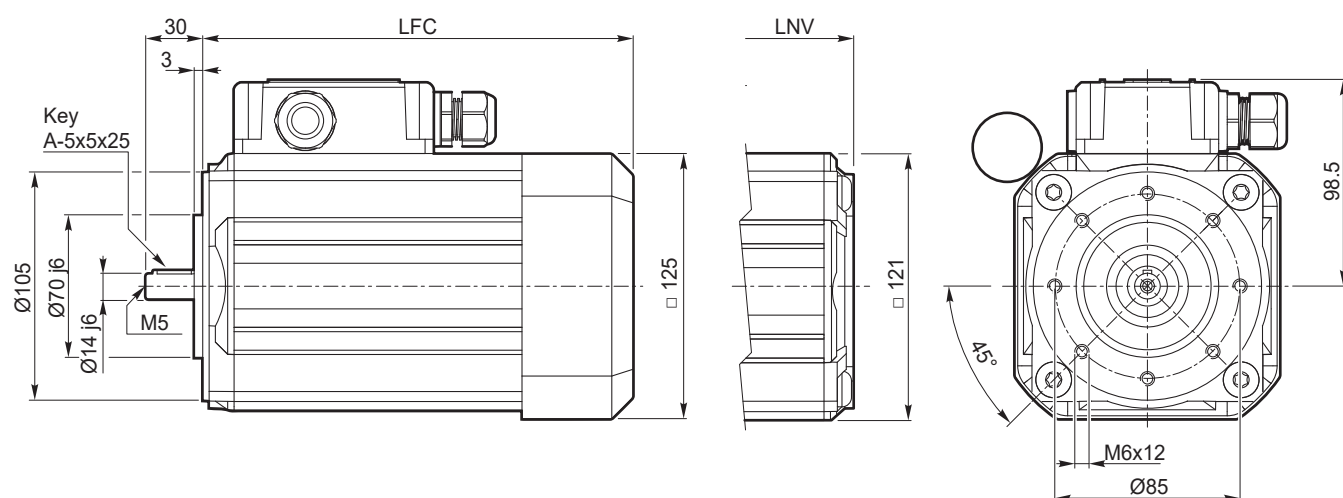
SMM63.. - B14 - TEFC / TENV



SMM	... TEFC		... TENV	
	LFC	Kg	LNV	Kg
6324	180.5	5.1	153.5	5.0
6334	205.5	6.2	178.5	6.1

1 ~

SMM71.. - B14 - TEFC / TENV



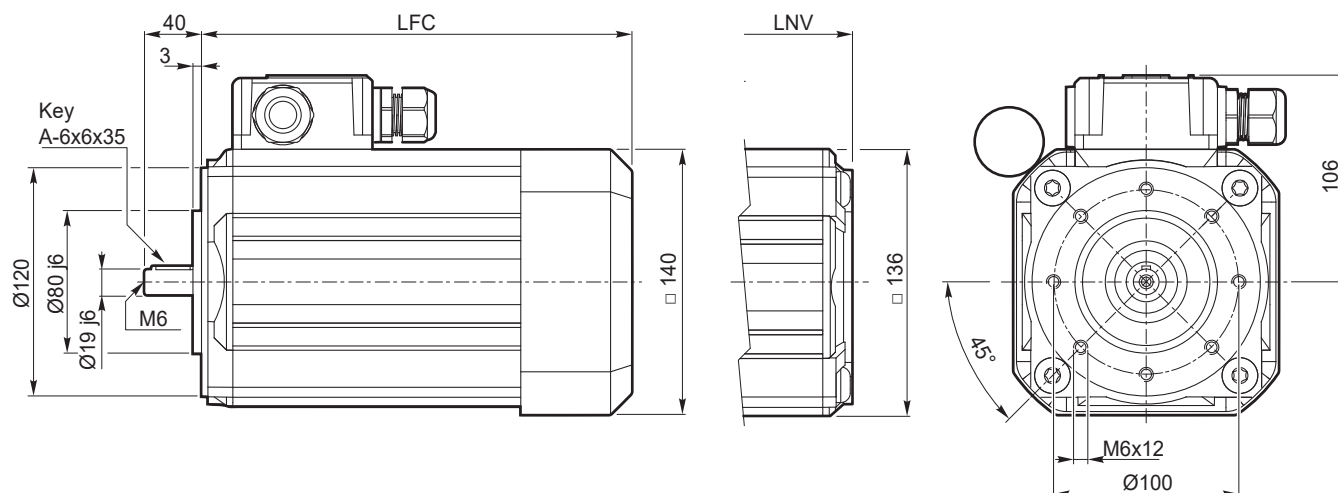
SMM	... TEFC		... TENV	
	LFC	Kg	LNV	Kg
7124	189	7.3	160.5	7.1
7134	214	9.2	185.5	9.0

Dimensioni motori monofase

Dimensions of single-phase motors

1 ~

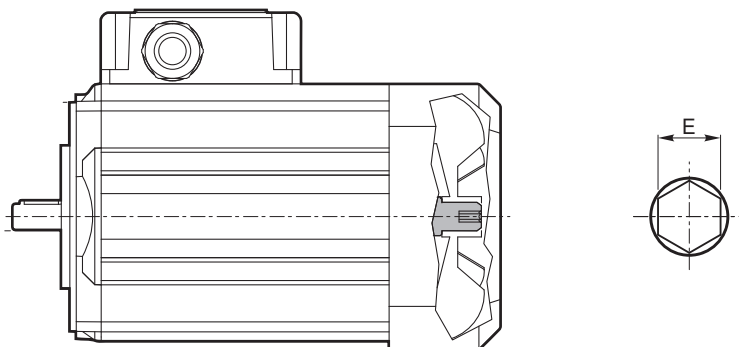
SMM80.. - B14 - TEFC / TENV



SMM	... TEFC		... TENV	
	LFC	Kg	LNV	Kg
8024	233	11.8	196	11.5

Cava esagonale

Hexagonal slot



Esagono / Hexagon

SM..	E
50	4
56	
63	
71	6
80	
90	

Nota:

Installare a monte dell'alimentazione un dispositivo che assicuri la disconnessione della rete omipolare, durante le operazioni di rotazione manuale è obbligatorio l'utilizzo di tale sezionatore.

Il quadro elettrico del motore deve essere lucchettabile al fine di evitare il riarmo non previsto alla rete elettrica.

E' severamente vietata la messa in servizio del motore elettrico senza copriventola opportunamente montata.

Note:

Install a device upstream of the power supply that ensures the disconnection of the omnipolar mains; during manual turning operations, the use of such a disconnecter is mandatory.

The motor control panel must be padlockable in order to prevent unintended resetting to the mains.

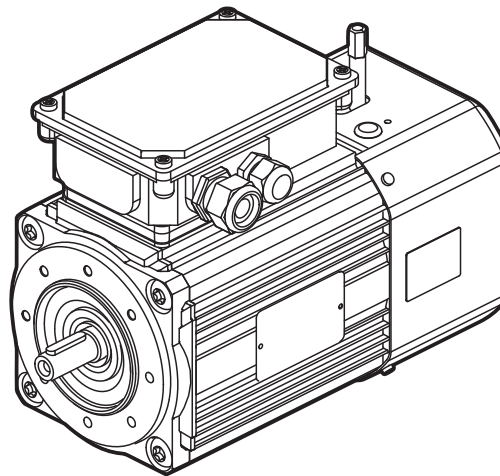
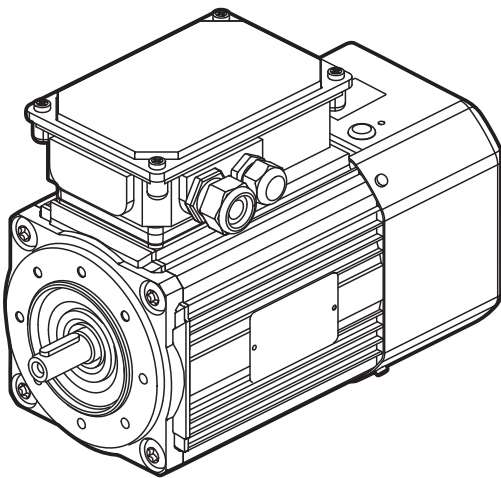
It is strictly forbidden to start up the electric motor without a properly fitted fan cover.

Motori elettrici CA - SMT BR
autofrenanti

Caratteristiche tecniche

AC electric motors - SMT BR
self-braking

Technical features



SMT..TEFC BR

SMT..TEFC BR

I motori autofrenanti delle serie SMT..BR hanno le seguenti caratteristiche principali:

- Costruzione compatta
- Motorizzazioni in corrente alternata trifase
- Carcassa estrusa in alluminio anodizzato nero
- Motore elettrico CA con grado di protezione IP66 (freno IP66 e IP65)
- Rumorosità e vibrazioni contenute
- Isolamento termico di classe F
- Flangia motore IEC B14
- Temperatura ambiente: 0°C / + 40°C (Per utilizzo a temperature diverse contattare il ns. servizio tecnico)
- Disponibili nella versione ventilata TEFC (servizio S1)
- Protezioni termiche PTO 150°C
- Adatti al funzionamento con alimentazione da inverter (Richiedere opzione freno con alimentazione separata)
- SMT80 e SMT90 conformi alla classe di rendimento IE3.
- Cava esagonale su albero motore lato NDE.
- La tolleranza di tensione è $\pm 10\%$ per tutti i motori
- Il freno è a corrente continua

The self-braking motors of the SMT..BR series have the following main features:

- Compact construction
- Three-phase AC motors
- Extruded black anodised aluminium casing
- IP66-rated AC electric motor (IP66 and IP65 brake)
- Low noise and vibration
- Class F thermal insulation
- IEC B14 motor flange
- Ambient temperature: 0°C / + 40°C (For use at different temperatures please contact our technical service)
- Available in TEFC ventilated version (S1 service)
- PTO 150°C thermal protections
- Suitable for inverter-powered operation (Brake option with separate power supply required)
- SMT80 and SMT90 complying with efficiency class IE3.
- Hexagon socket on motor shaft NDE side.
- Voltage tolerance is $\pm 10\%$ for all motors
- The brake is direct current

Motori elettrici CA - SMT BR autofrenanti Dati tecnici

AC electric motors - SMT BR self-braking Technical data

SMT.BR Motori trifase autofrenanti / Three-phase self-braking motors

(230-400 V / 50 Hz) poli / poles **4**

	Tipo Type	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	I _n (400V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	PTO	S TEFC	IP Motor Motor	M _b [Nm]	IP Freno Brake
IE3	SMT6324B14.BR(L)	0.18	1.26	1360	0.69	57.0	0.66	2.50	2.90	2.50	PTO 150°	S3 75%	66	4	66
	SMT6334B14.BR(L)	0.25	1.74	1375	0.94	62.0	0.64	2.80	3.00	2.80				4	66
	SMT7124B14.BR(L)	0.37	2.52	1400	1.10	67.9	0.72	2.75	4.20	2.75				7.5	65
	SMT7134B14.BR(L)	0.55	3.76	1395	1.55	70.2	0.73	2.90	4.40	2.90				7.5	65
	SMT8024B14IE3.BR(L)	0.75	4.96	1440	1.94	82.5	0.68	3.6	6.00	3.70	PTO 150°	S1	66	15	65
	SMT8034B14IE3.BR(L)	1.1	7.25	1450	2.91	84.1	0.65	4.0	6.80	4.40				15	65
	SMT9024B14IE3.BR(L)	1.5	10.0	1430	3.48	85.3	0.73	3.2	6.30	3.50				20	66
	SMT9034B14IE3.BR(L)	2.2	14.9	1410	4.68	86.7	0.79	3.0	6.20	3.30				30	65

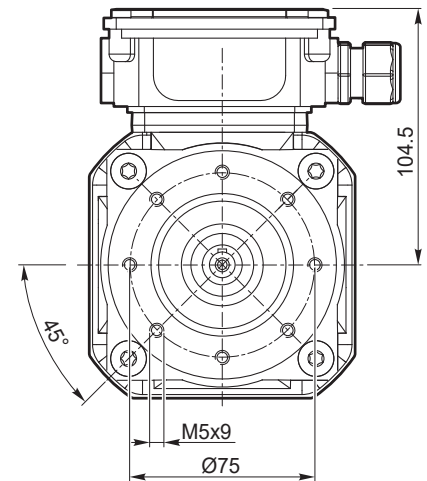
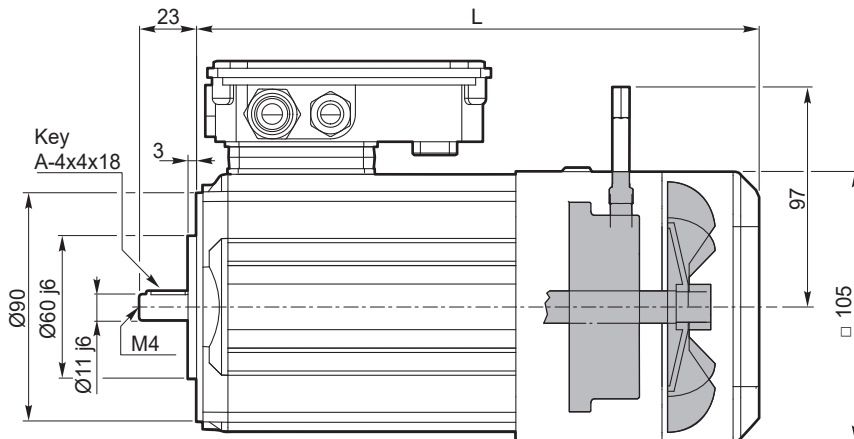
Per dimensioni e ulteriori dati consultare la documentazione disponibile sul sito www.transtecno.com
For dimensions and further data please refer to the documentation available at www.transtecno.com

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

SMT63.. - B14 - TEFC - BR (L)



Nota:

La leva di sblocco è una opzione che va specificata in fase di ordine.

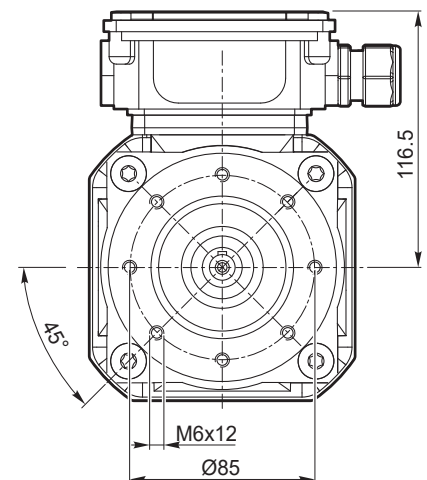
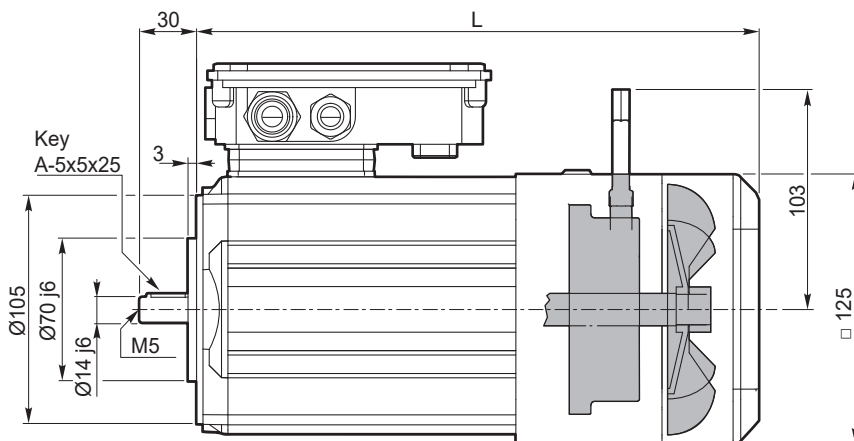
Note:

The release lever is an option that must be specified when ordering.

SMT..BR	... TEFC	
	L	Kg
6324	211	5.8
6334	226	6.5

3 ~

SMT71.. - B14 - TEFC - BR (L)



Nota:

La leva di sblocco è una opzione che va specificata in fase di ordine.

Note:

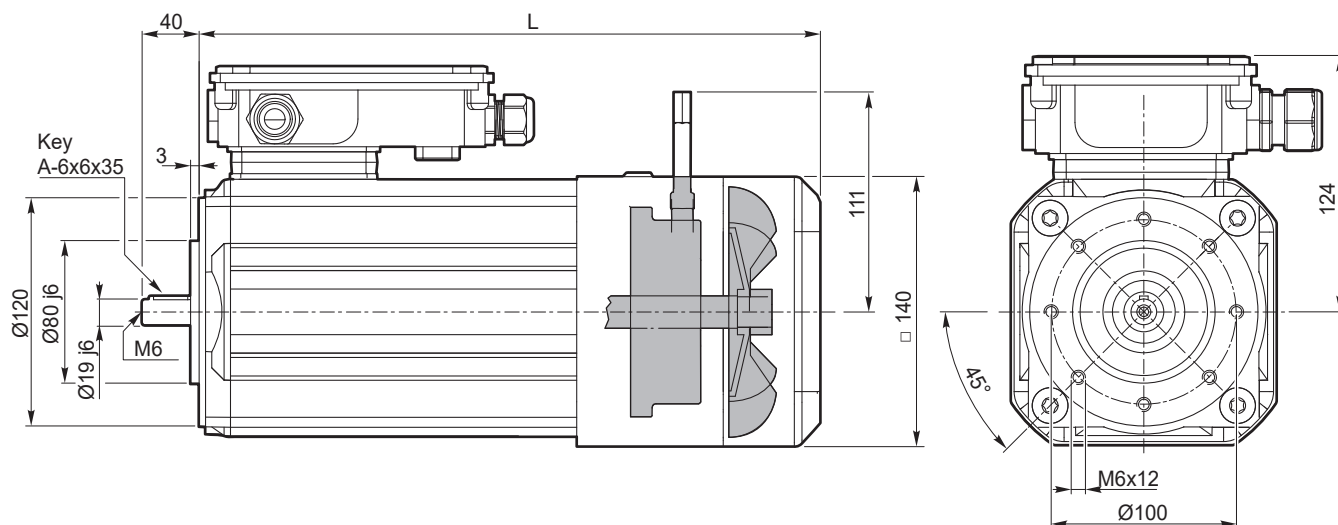
The release lever is an option that must be specified when ordering.

SMT..BR	... TEFC	
	L	Kg
7124	221	7.8
7134	236	8.9

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

SMT80.. - B14 - TEFC - BR (L)

Nota:

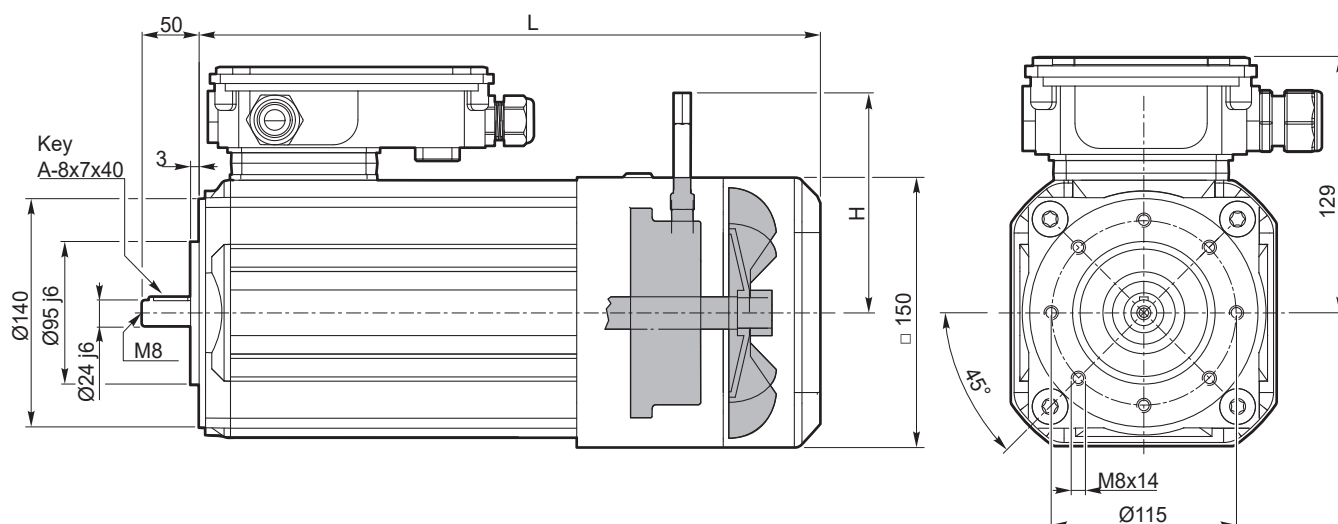
La leva di sblocco è una opzione che va specificata in fase di ordine.

Note:

The release lever is an option that must be specified when ordering.

SMT..BR	... TEFC	
	L	Kg
8024	279.5	13.6
8034	329.5	17.9

3 ~

SMT90.. - B14 - TEFC - BR (L)

Nota:

La leva di sblocco è una opzione che va specificata in fase di ordine.

Note:

The release lever is an option that must be specified when ordering.

SMT..BR	... TEFC	
	L	Kg
9024	343	20.6
9034	373	24.7

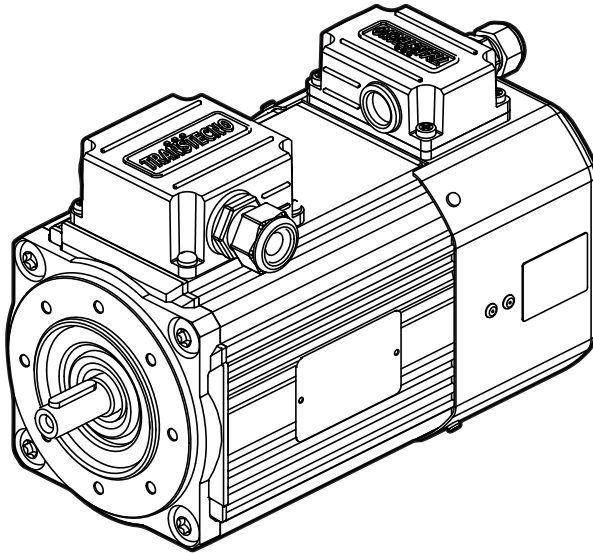
SMT..BRL	... TEFC		
	L	H	Kg
9024	343	111.5	20.9
9034	367	138	25

Motori elettrici CA - SMT SV
servoventilati

Caratteristiche tecniche

AC electric motors - SMT SV
servo-ventilated

Technical features



SMT..SV



I motori delle serie SMT..SV hanno le seguenti caratteristiche principali:

- Costruzione compatta
- Motorizzazioni in corrente alternata trifase
- Carcassa estrusa in alluminio anodizzato nero
- Motore elettrico CA con grado di protezione IP 66 (solo motore - servoventola con grado di protezione IP44)
- Rumorosità e vibrazioni contenute
- Isolamento termico di classe F
- Flangia motore IEC B14
- Temperatura ambiente: 0°C / + 40°C (Per utilizzo a temperature diverse contattare il ns. servizio tecnico)
- Protezioni termiche PTO 150°C
- Adatti al funzionamento con alimentazione da inverter
- SMT80 e SMT90 conformi alla classe di rendimento IE3.
- La tolleranza di tensione è $\pm 10\%$ per tutti i motori

The SMT..SV series motors have the following main features:

- Compact construction
- Three-phase AC motors
- Extruded black anodised aluminium casing
- AC electric motor with IP 66 protection rating (motor only - servo fan with IP44 protection rating)
- Low noise and vibration
- Class F thermal insulation
- IEC B14 motor flange
- Ambient temperature: 0°C / + 40°C (For use at different temperatures please contact our technical service)
- PTO 150°C thermal protections
- Suitable for inverter-powered operation
- SMT80 and SMT90 complying with efficiency class IE3.
- Voltage tolerance is $\pm 10\%$ for all motors

Motori elettrici CA - SMT SV

servoventilati

Dati tecnici

AC electric motors - SMT SV

servo-ventilated

Technical data

SMT.SV Motori trifase servoventilati / Three-phase servo-ventilated motors

(230-400 V / 50 Hz) poli / poles **4**

Tipo Type	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	I _n (400V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	PTO	S SV	IP Motore Motor	IP Servoventola Servo-fan	P _{sf} [W]
SMT6324B14.SV	0.18	1.26	1360	0.69	57.0	0.66	2.50	2.90	2.50	PTO 150°	S3 75%	66	44	11-9
SMT6334B14.SV	0.25	1.74	1375	0.94	62.0	0.64	2.80	3.00	2.80				44	11-9
SMT6344B14.SV	0.37	2.60	1360	1.24	65.3	0.66	2.70	3.00	2.70				44	11-9
SMT7124B14.SV	0.37	2.52	1400	1.10	67.9	0.72	2.75	4.20	2.75				44	14-16
SMT7134B14.SV	0.55	3.76	1395	1.55	70.2	0.73	2.90	4.40	2.90				44	14-16
SMT7144B14.SV	0.75	5.09	1405	2.00	74.0	0.73	2.90	5.00	2.90				44	14-16
IE3	SMT8024B14IE3.SV	0.75	4.96	1440	1.94	82.5	3.6	6.00	3.70		S1		44	14-16
	SMT8034B14IE3.SV	1.1	7.25	1450	2.91	84.1	4.0	6.80	4.40				44	14-16
	SMT9024B14IE3.SV	1.5	10.0	1430	3.48	85.3	3.2	6.30	3.50				44	30-26
	SMT9034B14IE3.SV	2.2	14.9	1410	4.68	86.7	3.0	6.20	3.30				44	30-26

Alimentazione della servoventola: 200-240 Vac / 50-60 Hz

Powering the servo-fan: 200-240 Vac / 50-60 Hz

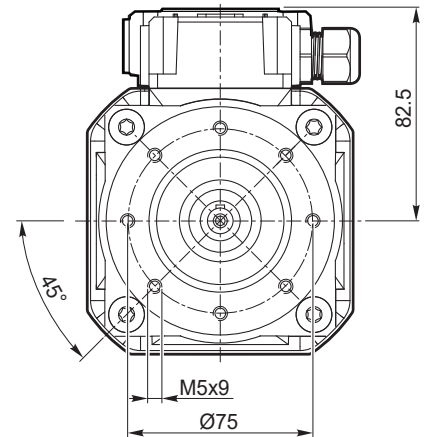
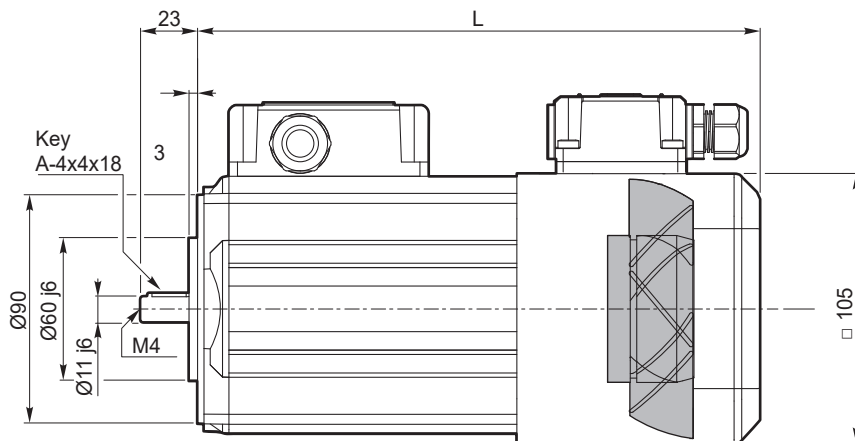
Per dimensioni e ulteriori dati consultare la documentazione disponibile sul sito www.transtecno.com
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Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

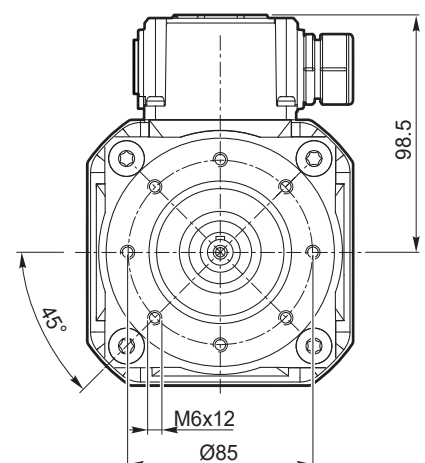
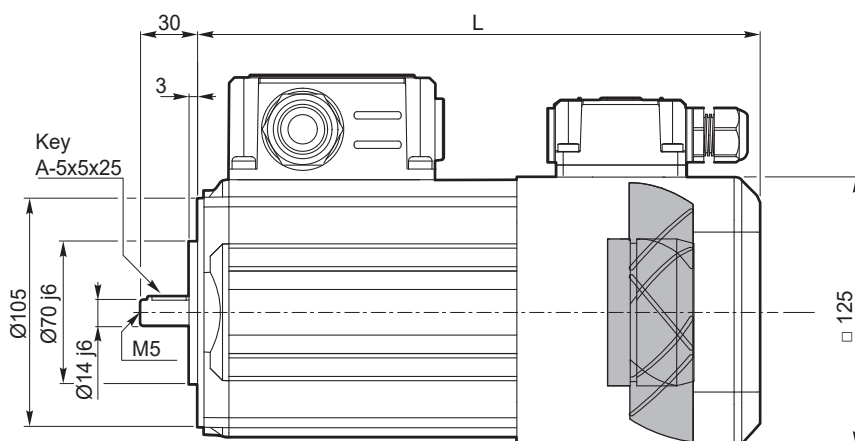
SMT63.. - B14 - SV



SMT	... SV	
	L	Kg
6324	210	5.0
6334	225	5.7
6344	250	6.8

3 ~

SMT71.. - B14 - SV



SMT	... SV	
	L	Kg
7124	219	7.5
7134	234	8.5
7144	259	10.2

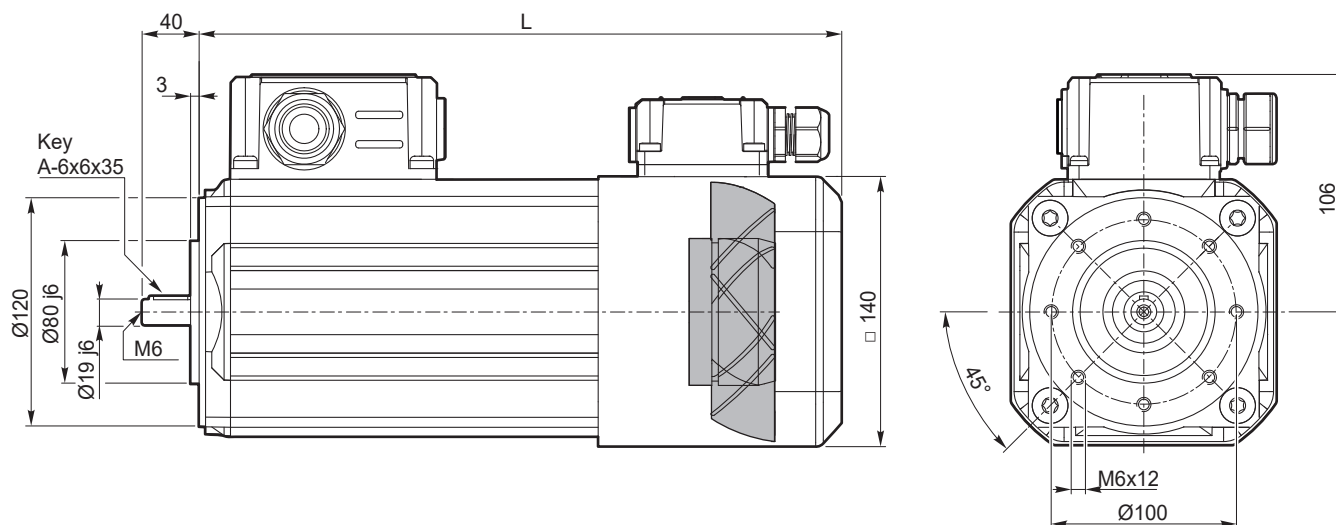
Mot

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

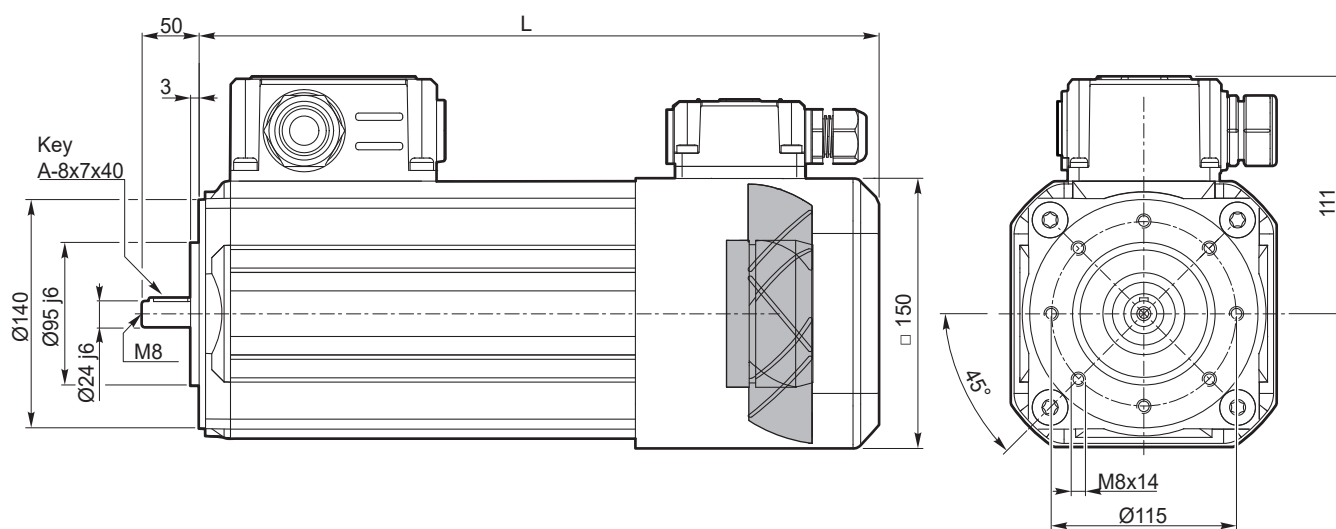
SMT80.. - B14 - SV



SMT	... SV	
	L	kg
8024	278	12.7
8034	328	17

3 ~

SMT90.. - B14 - SV



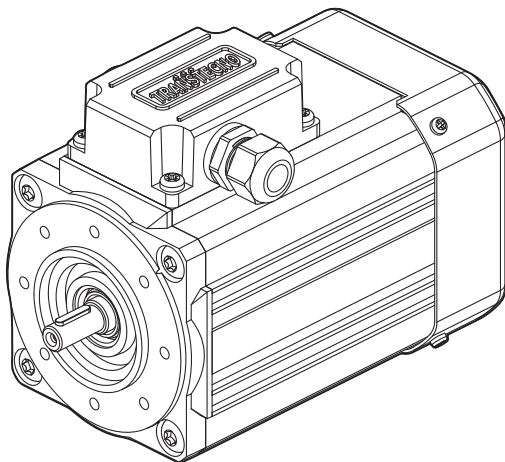
SMT	... SV	
	L	kg
9024	341	19.3
9034	371	22.6

Motori elettrici CA - SM UL/CSA

AC electric motors - SM UL/CSA

Caratteristiche tecniche

Technical features



SM .. UL/CSA



File E511911

I motori certificati UL/CSA delle serie SMT ed SMM hanno le seguenti caratteristiche principali:

- Costruzione compatta
- Motorizzazioni in corrente alternata monofase e trifase
- Carcassa estrusa in alluminio anodizzato nero
- Motore elettrico CA con grado di protezione IP66 (escluso condensatore)
- Rumorosità e vibrazioni contenute
- Isolamento termico di classe F
- Flangia motore IECB14
- Temperatura ambiente: -20°C/+40°C
- Disponibili nella versione ventilata TEFC (servizio S1).
- Protezione termica PTO 150°C
- Motori trifase SMT dotati di separatori di fase
- Cava esagonale su albero motore lato NDE
- Condensatore di marcia per motori monofase SMM
- La tolleranza di tensione è ±10%
- Standard applicati:
UL1004-1: Rotating Electrical Machines General Requirements
CSA:100-14: Motors and Generators

The UL/CSA-certified motors of the SMT and SMM series have the following main features:

- Compact construction
- Single-phase and three-phase AC motors
- Extruded black anodised aluminium casing
- AC electric motor with IP66 protection rating (excluding capacitor)
- Low noise and vibration
- Class F thermal insulation
- IECB14 motor flange
- Ambient temperature: -20°C/+40°C
- Available in TEFC ventilated version (S1 service).
- Thermal protection PTO 150°C
- Three-phase SMT motors equipped with phase separators
- Hexagon socket on motor shaft NDE side
- Running capacitor for single-phase SMM motors
- Voltage tolerance is ±10%
- Standards applied:
UL1004-1: Rotating Electrical Machines General Requirements
CSA:100-14: Motors and Generators

Motori elettrici CA - SM UL/CSA
AC electric motors - SM UL/CSA
Dati tecnici
Technical data
SMT Motori trifase / Three-phase motors

(230-400 V / 50 Hz) poli / poles **4**

(460 V / 60 Hz) poli / poles **4**

Tipo Type	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	V - f [V - Hz]	I _n (400-460 V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	PTO	S TEFC
5624	0.09	0.63	1365	400 - 50	0.45	47.3	0.61	2.5	2.40	2.70	PTO 150°	S1
	0.11		1660	460 - 60		50.3		2.6	2.60			
5634	0.12	0.88	1300	400 - 50	0.45	52.0	0.74	1.9	2.40	1.90		
	0.14	0.83	1600	460 - 60	0.42	59.0	0.71	2.1	2.70	2.10		
6324	0.18	1.26	1360	400 - 50	0.69	57.0	0.66	2.5	2.90	2.50		
	0.22	1.27	1650	460 - 60		59.7	0.67		3.00			
6334	0.25	1.74	1375	400 - 50	0.94	62.0	0.64	2.8	3.00	2.80		
	0.28	1.59	1690	460 - 60		61.3	0.61	3.0	3.20	3.00		
7124	0.37	2.52	1400	400 - 50	1.09	68.0	0.72	2.75	4.20	2.75		
	0.42	2.35	1700	460 - 60		68.1	0.71	2.9	4.50	2.90		
7134	0.55	3.76	1395	400 - 50	1.55	70.2	0.73	2.9	4.40	2.90		
	0.66	3.71	1700	460 - 60		73.2			4.80	2.80		
8024	0.75	4.96	1440	400 - 50	1.97	82.0	0.67	3.6	6.00	3.70	S3 75%	
	0.90	4.93	1740	460 - 60		84.3	0.68	3.4	6.40	3.60		
8034	1.10	7.25	1450	400 - 50	2.92	83.6	0.65	4.0	6.80	4.40		
	1.21	6.65	1740	460 - 60		77.6	0.67	4.4	7.00	4.50		
9024	1.50	10.0	1430	400 - 50	3.48	85.2	0.73	3.2	6.30	3.50		
	1.80	9.88	1740	460 - 60		85.4	0.76	3.4	6.50	3.40		
9034	2.20	14.9	1410	400 - 50	4.90	86.7	0.79	3.0	6.20	3.30		
	2.45	13.4	1750	460 - 60		87.0	0.69	4.5	7.90	4.80		

SMM Motori monofase / Single-phase motors

(115 V / 60 Hz) poli / poles **4**

Tipo Type	P _n [kW]	M _n [Nm]	n _n [min ⁻¹]	V - f [V - Hz]	I _n (115V) [A]	η %	cosφ	M _s /M _n	I _s /I _n	M _k /M _n	Cond./Cond. [μF]	PTO	S TEFC
5624	0.09	0.52	1665	115 - 60	1.60	50.0	0.98	0.64	1.95	1.51	20	PTO 150°	S1
6324	0.18	1.09	1570	115 - 60	2.70	58.5	0.99	1.0	2.1	1.50	40		
7124	0.37	2.18	1620	115 - 60	4.70	69.8	0.98	0.64	2.3	1.33	60		

Per la simbologia fare riferimento a pag. F3

For symbols, please refer to page F3

Per dimensioni e ulteriori dati consultare la documentazione disponibile sul sito www.transtecno.com

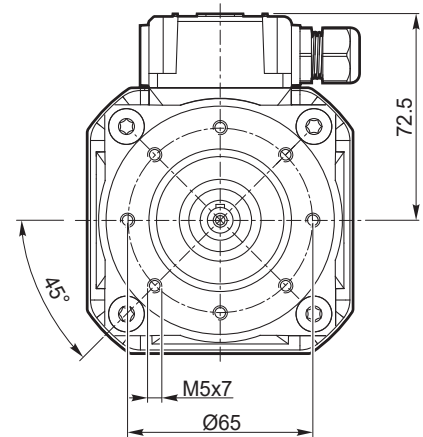
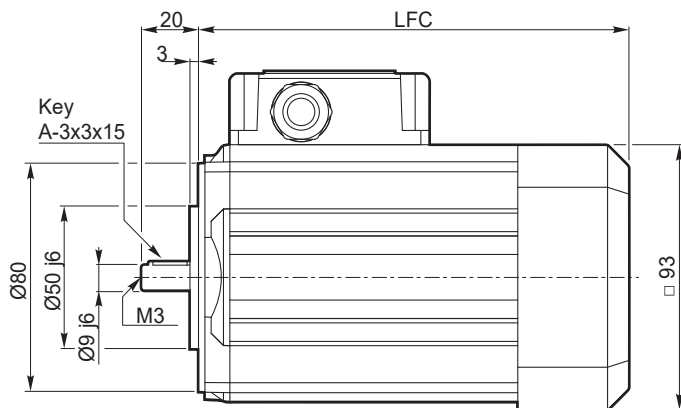
For dimensions and further data please refer to the documentation available at www.transtecno.com

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

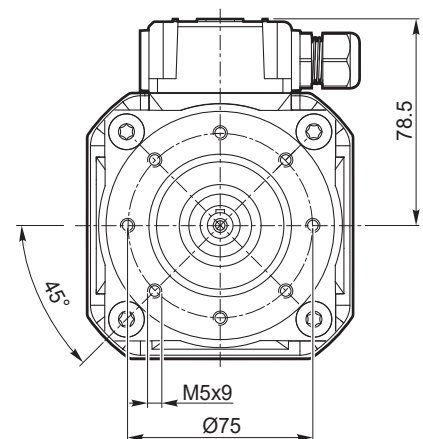
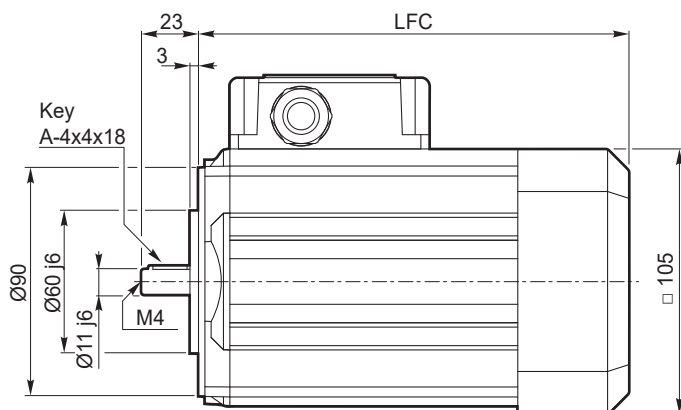
SMT56.. - B14 - TEFC



SMT	... TEFC	
	LFC	Kg
5624	186	3.1
5634	186	3.5

3 ~

SMT63.. - B14 - TEFC



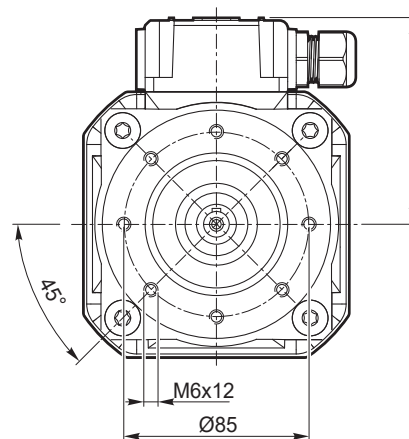
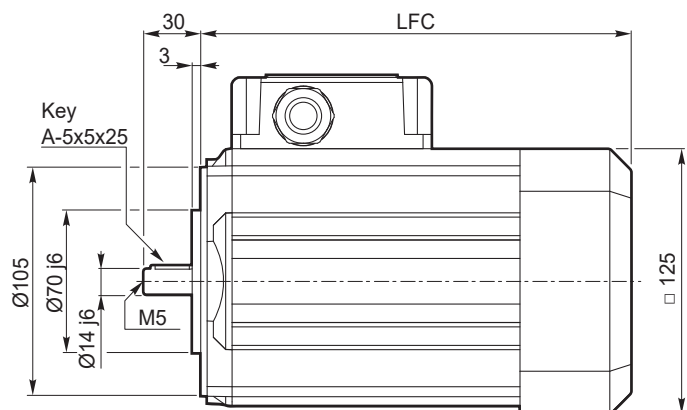
SMT	... TEFC	
	LFC	Kg
6324	205.5	4.7
6334	205.5	5.4

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

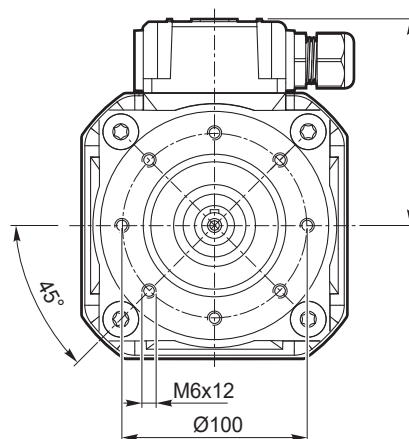
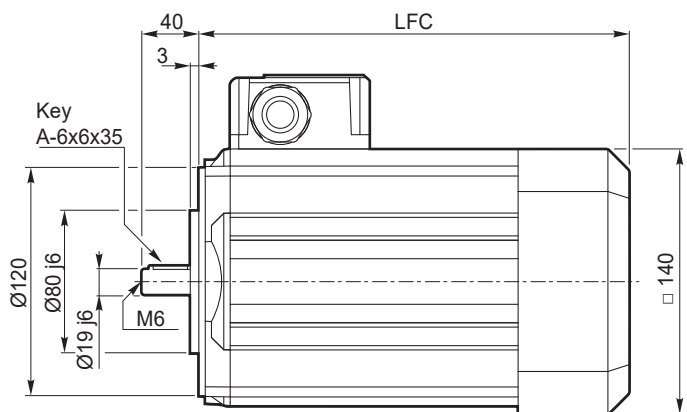
SMT71.. - B14 - TEFC



SMT	... TEFC	
	LFC	Kg
7124	214	7.0
7134	214	8.2

3 ~

SMT80.. - B14 - TEFC



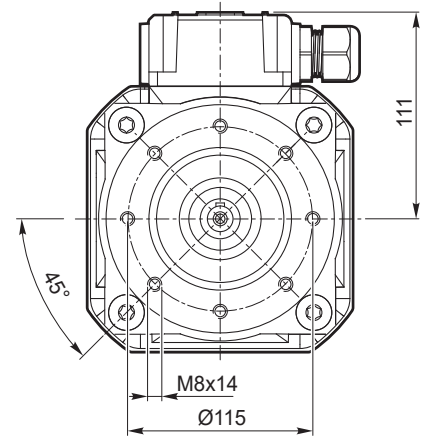
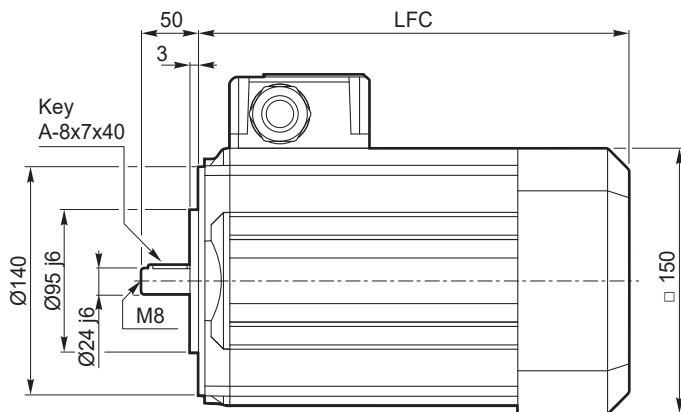
SMT	... TEFC	
	LFC	Kg
8024	283	12.8
8034	309	17.1

Dimensioni motori trifase

Dimensions of three-phase motors

3 ~

SMT90.. - B14 - TEFC



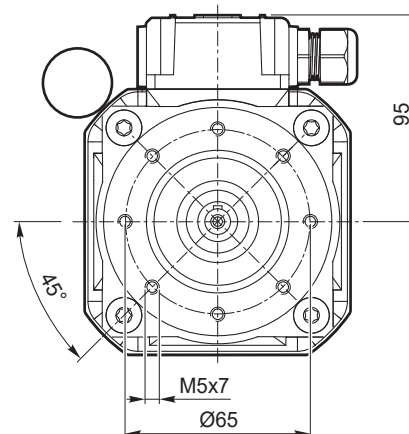
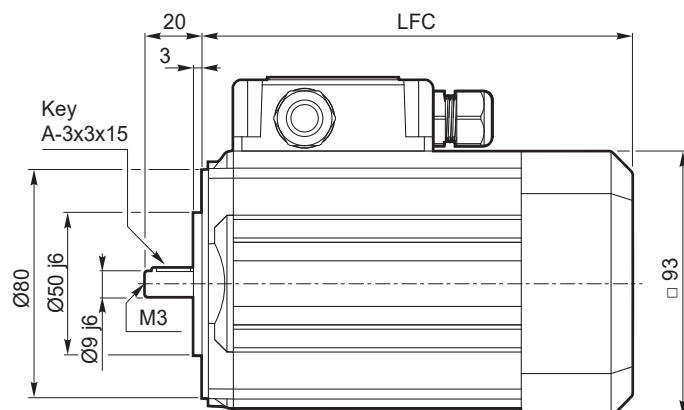
SMT	... TEFC	
	LFC	Kg
9024	313	18.5
9034	334	21.5

Dimensioni motori monofase

Dimensions of single-phase motors

1 ~

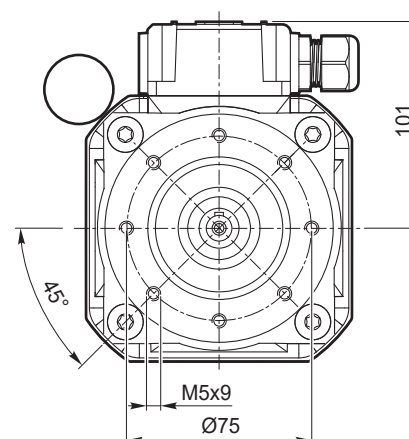
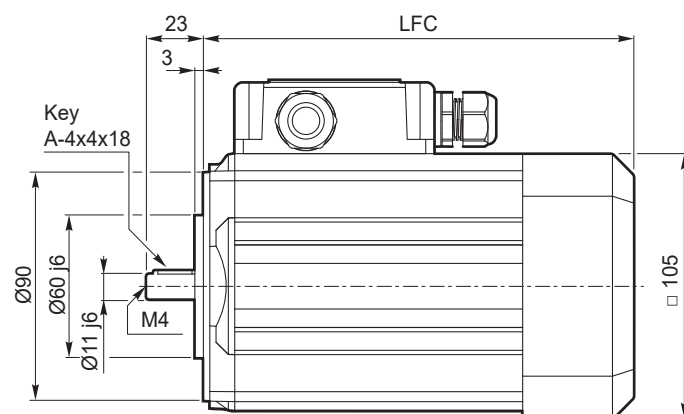
SMM56.. - B14 - TEFC



SMM	... TEFC	
	LFC	Kg
5624	186	3.6

1 ~

SMM63.. - B14 - TEFC



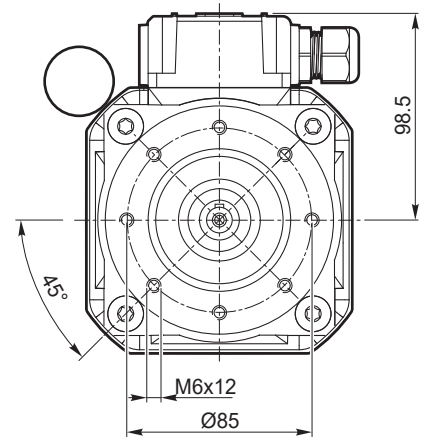
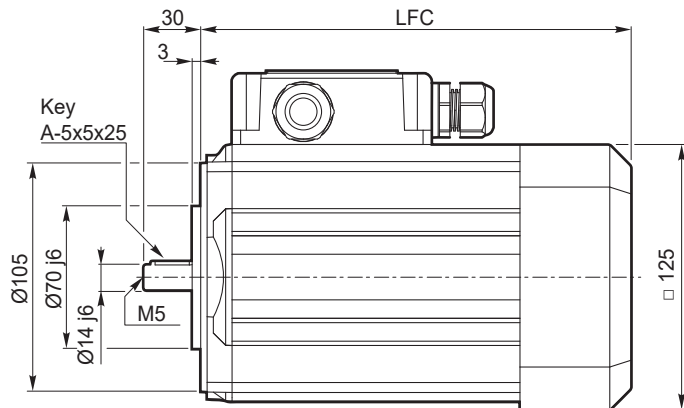
SMM	... TEFC	
	LFC	Kg
6324	205.5	5.5

Dimensioni motori monofase

Dimensions of single-phase motors

1 ~

SMM71.. - B14 - TEFC



SMM	... TEFC	
	LFC	kg
7124	214	8.0



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