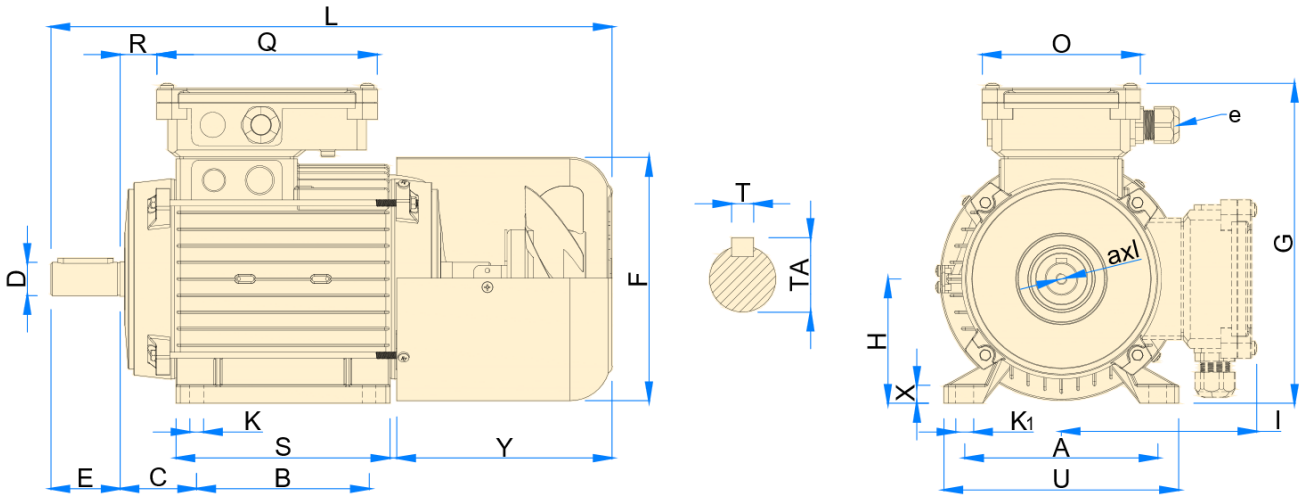
MOTORI SERVOVENTILATI *SERVO-VENTILATED MOTORS*

I motori servoventilati sono realizzati accoppiando un motore monofase o trifase e un ventilatore elettrico, vengono adottati quando viene richiesto un raffreddamento maggiore allo standard. Per esempio vengono utilizzati in applicazioni dove il motore è soggetto ad avviamenti frequenti o su motori comandati da inverter funzionanti a bassa velocità.

Servo-ventilated motors are made by coupling a single-phase or three-phase motor and an electric fan, they are used when higher than standard cooling is required. For example, they are used in applications where the motor is subject to frequent starts or on motors controlled by inverters operating at low speed.

CARATTERISTICHE ELETTROVENTOLA *ELECTRIC FAN FEATURES*						
Grandezza MEC	Tensione *Voltage* [V]	Frequenza *Frequency* [Hz]	Potenza *Power* [W]	Corrente *Current* [mA]	Velocità *Speed* [rpm]	Port.Aria *Air flow* [m³/h]
MEC 63	230	50/60	12/11	70/60	2750/3250	40/47
MEC 71	230	50/60	19/18	100/90	2600/2950	125/140
MEC 80	230	50/60	45/39	310/250	2800/3250	340/390
MEC 90	230	50/60	45/39	310/250	2800/3250	340/390
MEC 100	230	50/60	47/53	220/230	2700/3150	480/565
MEC 100	230/400	50/60	45/43	50:230/130 - 60:160/90	2750/3100	470/535
MEC 112	230/400	50/60	53/70	50:260/150 - 60:240/140	2800/3150	800/910
MEC 132	230/400	50/60	110/160	50:380/220 - 60:450/260	2650/2950	1720/1870
MEC 160	230/400	50/60	110/160	50:380/220 - 60:450/260	2650/2950	1720/1870

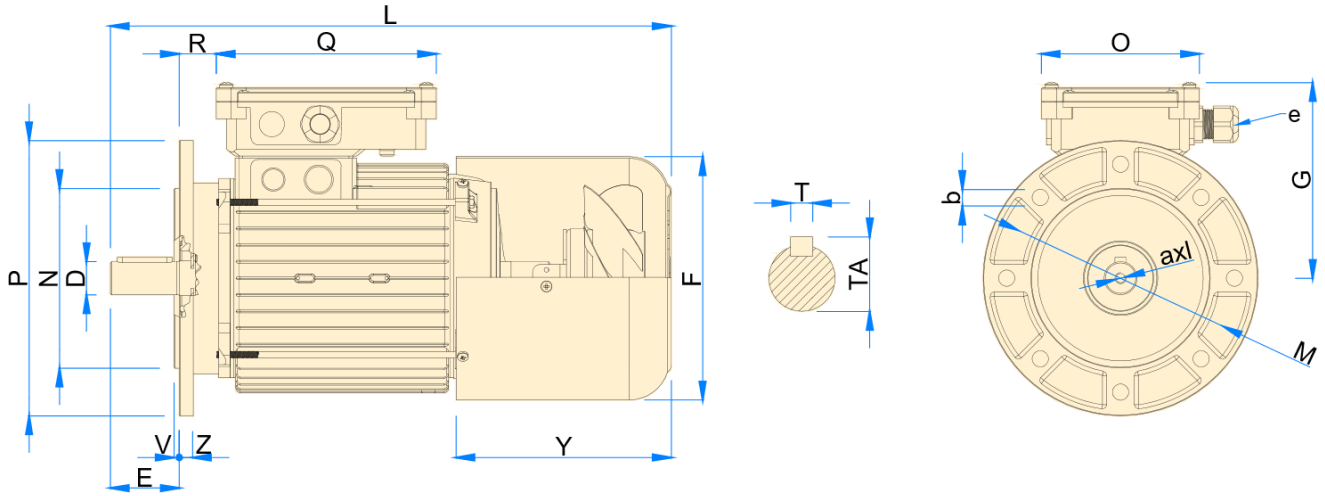
TIPO /*TYPE* B3 e B3/BL



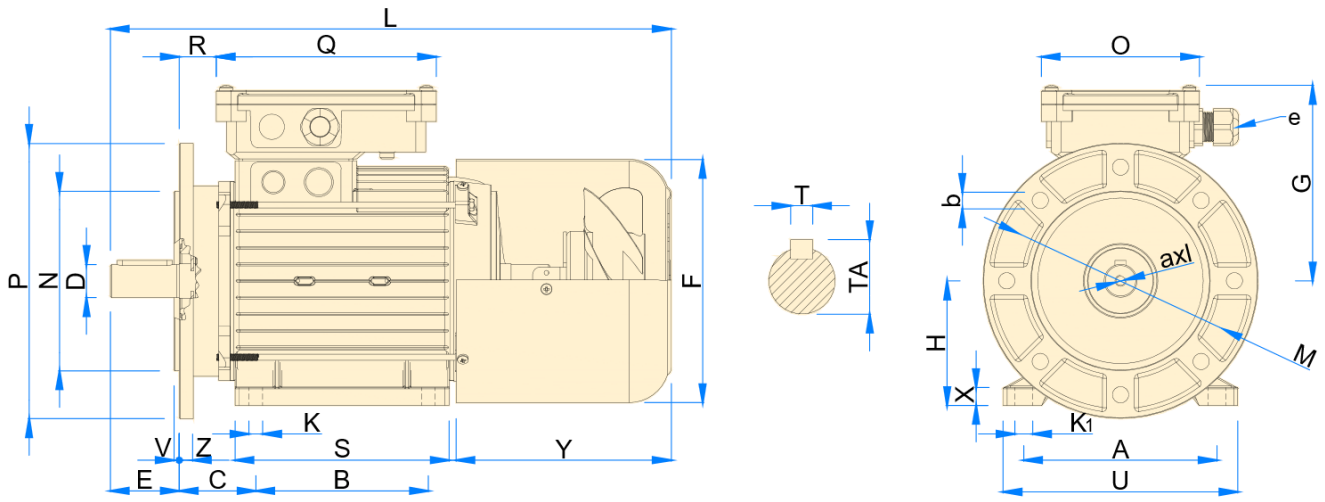
DIMENSIONI *DIMENSIONS*	CORPO MOTORE *MOTOR CASING*																	
Grandezza MEC	A	B	C	F	G	H	I	K	K1	L	O	Q	R	S	U	X	Y	e
MEC 63	100	80	39	123	180	63	98	7	10	257	96	101	17	100	120	7	102	M16
MEC 71	112	90	47	138	196	71	101	7	12	288	96	101	28	112	135	8	110	M16
MEC 80	125	100	50	156	226	80	115	9	13	340	108	108	28	125	153	12	138	M20
MEC 90S	140	100	56	176	240	90	119	10	13	382	108	108	31	130	170	13	156	M20
MEC 90L	140	125	56	176	240	90	119	10	13	406	108	108	31	155	170	13	156	M20
MEC 100	160	140	62	194	257	100	138	12	17	431	115	160	33	170	192	14	150	M20
MEC 112	190	140	70	220	284	112	149	13	18	477	137	201	37	182	220	14	181	M25
MEC 132S	216	140	88	258	332	132	177	12	22	546	137	201	44	181	260	16	200	M25
MEC 132M	216	178	88	258	332	132	177	12	22	583	137	201	44	219	260	16	200	M25
MEC 160M	254	210	108	310	402	160	220	14	24	695	176	176	54	261	319	20	228	PG21
MEC 160L	254	254	108	310	402	160	220	14	24	739	176	176	54	305	319	20	228	PG21

ALBERO *SHAFT*				
D	axl	E	T	TA
11	M4x10	23	4	12,5
14	M5x15	30	5	16
19	M6x15	40	6	21,5
24	M8x20	50	8	27
24	M8x20	50	8	27
28	M8x25	60	8	31
28	M8x25	60	8	31
38	M12x30	80	10	41
38	M12x30	80	10	41
42	M16x35	110	12	45
42	M16x35	110	12	45

TIPO /*TYPE* B5



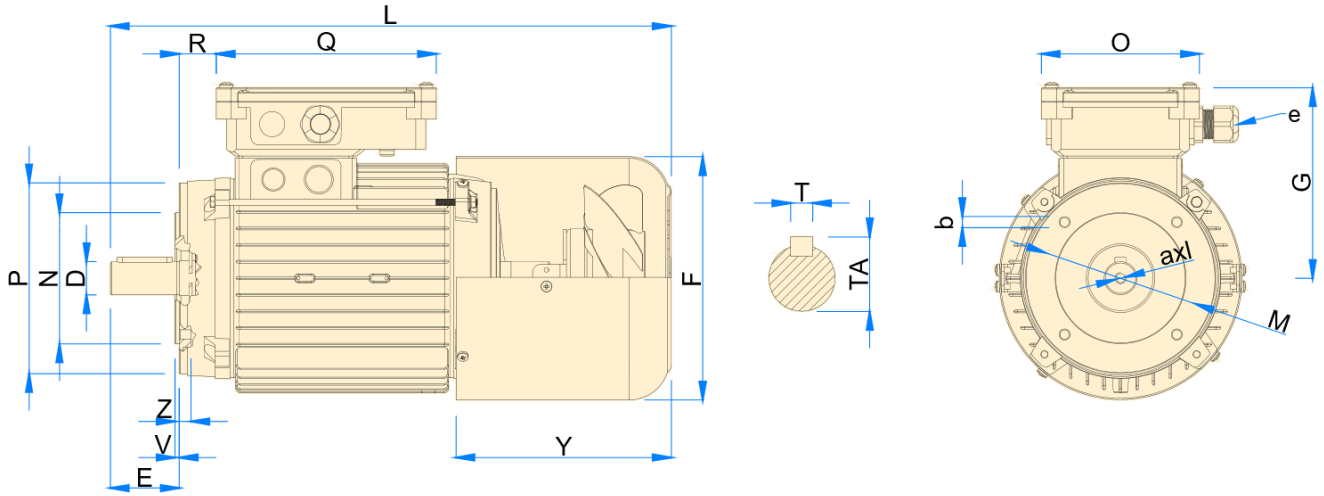
TIPO /*TYPE* B3 /B5



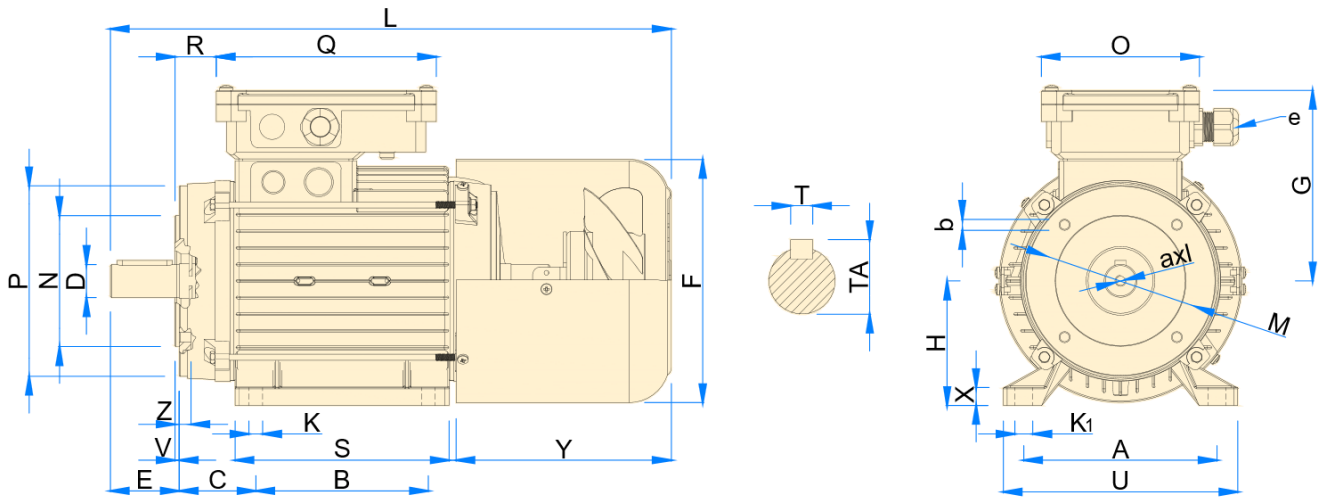
DIMENSIONS	CORPO MOTORE *MOTOR CASING*																						
Grandezza MEC	A	B	C	F	G	H	K	K1	L	M	N	O	P	Q	R	S	U	V	X	Y	Z	b	e
MEC 63	100	80	39	123	117	63	7	10	257	115	95	96	140	101	17	100	120	3	7	102	9	9	M 16
MEC 71	112	90	47	138	125	71	7	12	288	130	110	96	160	101	28	112	135	3,5	8	110	8	9,5	M 16
MEC 80	125	100	50	156	146	80	9	13	340	165	130	108	200	108	28	125	153	3,5	12	138	8,5	11,5	M 20
MEC 90S	140	100	56	176	150	90	10	13	382	165	130	108	200	108	31	130	170	3,5	13	156	10	11,5	M 20
MEC 90L	140	125	56	176	150	90	10	13	406	165	130	108	200	108	31	155	170	3,5	13	156	10	11,5	M 20
MEC 100	160	140	62	194	157	100	12	17	431	215	180	115	250	160	33	170	192	4	14	150	11	14	M 20
MEC 112	190	140	70	220	172	112	13	18	477	215	180	137	250	201	37	182	220	4	14	181	12	14	M 25
MEC 132S	216	140	88	258	200	132	12	22	546	265	230	137	300	201	44	181	260	4	16	200	15	14	M 25
MEC 132M	216	178	88	258	200	132	12	22	583	265	230	137	300	201	44	219	260	4	16	200	15	14	M 25
MEC 160M	254	210	108	310	242	160	14	24	695	300	250	176	350	176	54	261	319	5	20	228	14	18	PG 21
MEC 160L	254	254	108	310	242	160	14	24	739	300	250	176	350	176	54	305	319	5	20	228	14	18	PG 21

ALBERO *SHAFT*				
D	axl	E	T	TA
11	M4x10	23	4	12,5
14	M5x15	30	5	16
19	M6x15	40	6	21,5
24	M8x20	50	8	27
24	M8x20	50	8	27
28	M8x25	60	8	31
28	M8x25	60	8	31
38	M12x30	80	10	41
38	M12x30	80	10	41
42	M16x35	110	12	45
42	M16x35	110	12	45

TIPO /*TYPE* B14



TIPO /*TYPE* B3 /B14

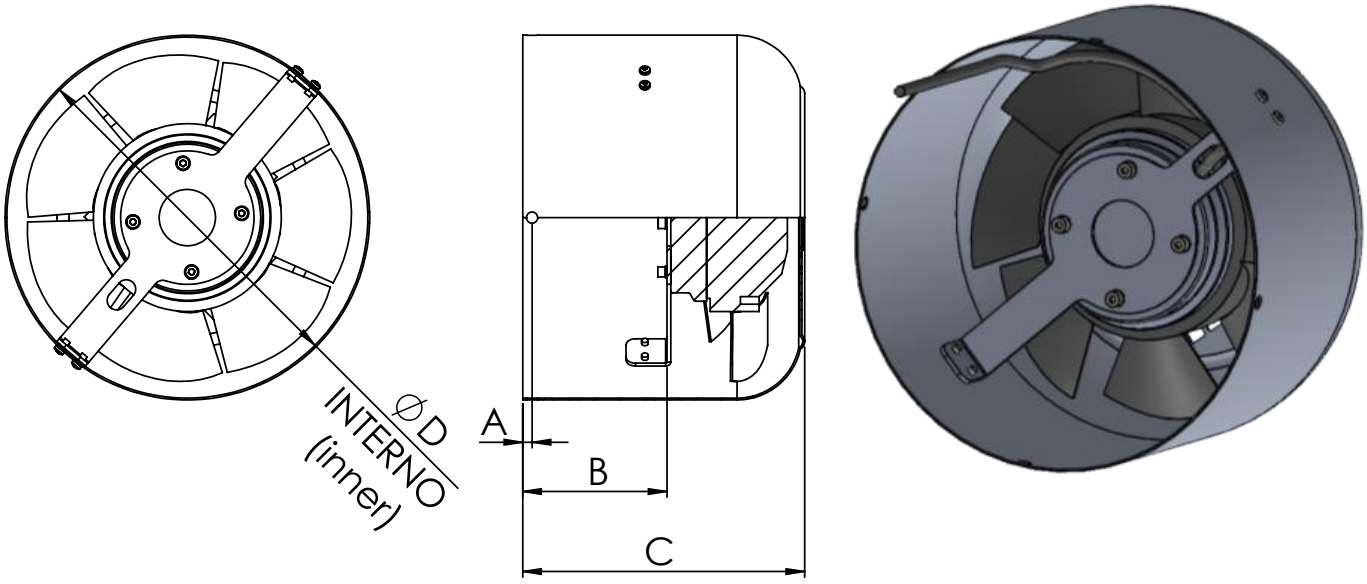


DIMENSIONI *DIMENSIONS*	CORPO MOTORE *MOTOR CASING*																					
Grandezza MEC	A	B	C	F	G	H	K	K1	L	M	N	O	P	Q	R	S	U	V	X	Y	Z	b	e
MEC 63	100	80	39	123	117	63	7	10	257	75	60	96	90	101	17	100	120	2,5	7	102	6	M5	M 16
MEC 71	112	90	47	138	125	71	7	12	288	85	70	96	105	101	28	112	135	2,5	8	110	7	M6	M 16
MEC 80	125	100	50	156	146	80	9	13	340	100	80	108	120	108	28	125	153	3	12	138	8	M6	M 20
MEC 90S	140	100	56	176	150	90	10	13	382	115	95	108	140	108	31	130	170	3	13	156	9	M8	M 20
MEC 90L	140	125	56	176	150	90	10	13	406	115	95	108	140	108	31	155	170	3	13	156	9	M8	M 20
MEC 100	160	140	62	194	157	100	12	17	431	130	110	115	160	160	33	170	192	4	14	150	10	M8	M 20
MEC 112	190	140	70	220	172	112	13	18	477	130	110	137	160	201	37	182	220	4	14	181	14	M8	M 25
MEC 132S	216	140	88	258	200	132	12	22	546	165	130	137	200	201	44	181	260	4	16	200	15	M10	M 25
MEC 132M	216	178	88	258	200	132	12	22	583	165	130	137	200	201	44	219	260	4	16	200	15	M10	M 25
MEC 160M	254	210	108	310	242	160	14	24	695	215	180	176	250	176	54	261	319	5	20	228	18	M12	PG 21
MEC 160L	254	254	108	310	242	160	14	24	739	215	180	176	250	176	54	305	319	5	20	228	18	M12	PG 21

ALBERO *SHAFT*				
D	axl	E	T	TA
11	M4x10	23	4	12,5
14	M5x15	30	5	16
19	M6x15	40	6	21,5
24	M8x20	50	8	27
24	M8x20	50	8	27
28	M8x25	60	8	31
28	M8x25	60	8	31
38	M12x30	80	10	41
38	M12x30	80	10	41
42	M16x35	110	12	45
42	M16x35	110	12	45

È possibile applicare la servoventilazione anche ad un motore standard per migliorare il raffreddamento. Il kit è pensato per poter essere montato semplicemente sostituendo l'attuale ventola ed il copriventola, senza dover modificare l'albero motore.

It is also possible to apply servo ventilation to a standard motor to improve cooling. The kit is designed to be assembled simply by replacing the current fan and the fan cover, without having to modify the shaft of the motor.



	CARATTERISTICHE ELETTROVENTOLA *ELECTRIC FAN FEATURES*						DIMENSIONI *DIMENSIONS*			
Grandezza MEC	**Tensione** *Voltage* **[V]**	**Frequenza** *Frequency* **[Hz]**	**Potenza** *Power* **[W]**	**Corrente** *Current* **[mA]**	**Velocità** *Speed* **[rpm]**	**Port.Aria** *Air flow* **[m³/h]**	**A**	**B**	**C**	**D**
MEC 63*	230	50/60	12/11	70/60	2750/3250	40/47	5	50	102	121
MEC 71	230	50/60	19/18	100/90	2600/2950	125/140	8	55	110	136
MEC 80	230	50/60	45/39	310/250	2800/3250	340/390	4,5	66	138	154
MEC 90	230	50/60	45/39	310/250	2800/3250	340/390	5	84	156	174
MEC 100	230	50/60	47/53	220/230	2700/3150	480/565	5	76	150	192
MEC 100	230/400	50/60	45/43	50:230/130 - 60:160/90	2750/3100	470/535	5	76	150	192
MEC 112	230/400	50/60	53/70	50:260/150 - 60:240/140	2800/3150	800/910	5,5	98	181	218
MEC 132	230/400	50/60	110/160	50:380/220 - 60:450/260	2650/2950	1720/1870	11	102	200	256
MEC 160	230/400	50/60	110/160	50:380/220 - 60:450/260	2650/2950	1720/1870	11,5	130	228	307

* motore versione 4 tiranti / *motor version 4 tie-rods*