

Motores Altium

Motores asincrónicos

Variadores de Velocidad y
Arrancadores Suaves

Telemecanique





Las nuevas series de motores **Altium, TE2A y TE2D** han sido desarrollados bajo las más modernas técnicas y en estricto cumplimiento de las normativas europeas vigentes.

Ambas series han sido diseñadas como motores asincrónicos, totalmente cerrados, y en sistemas autoventilados.

Proveen Alto par de arranque y muy bajo nivel de ruido.

Son construidos con aislación **Clase F**, de acuerdo a las prácticas internacionales, entregando seguridad y confiabilidad de alto nivel internacional.

Son aptos para trabajar en todo tipo de aplicaciones, como ser:

- Transporte
- Maquinaria
- Bombeo
- Ventilación
- Compresores
- Grúas

Son recomendables para su uso con variadores de velocidad, tanto por su bajo nivel normal de vibración y su diseño compacto.

Los niveles de vibración son realmente bajos, gracias al equilibrado dinámico de todos los rotores.



Nivel de eficiencia y designación

Características

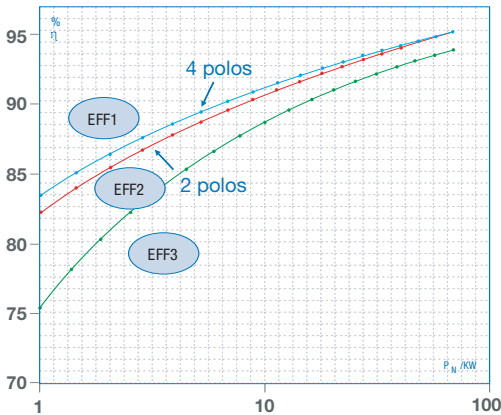


Con el fin de reducir la potencia requerida por los motores eléctricos y el consumo de energía en Europa, CEMEP y la Unión Europea alcanzaron un acuerdo que afecta a todos los motores trifásicos de 2 y 4 Polos (es decir, motores Standard), definido para los totalmente cerrados, de jaula de ardilla y baja tensión, para 400V/50Hz, factor de servicio S1 y rango de potencias de 1.1 a 90kW.

La serie **TE2A Y TE2D** de Alta Performance cumple con la normativa Europea y corresponde a la clasificación de **EFF2** (eficiencia 2), logo que aparece inscripto en la chapa de datos característicos del motor.

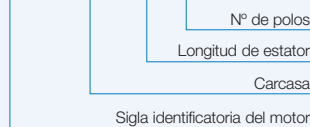
2 polos	EFF3	EFF2	EFF3
kw	η%	η%	η%
1.1	<76.2	>=76.2	>=82.8
1.5	<78.5	>=78.5	>=84.1
2.2	<81.0	>=81.0	>=85.6
3	<86.6	>=86.6	>=86.7
4	<84.2	>=84.2	>=87.6
5.5	<85.7	>=85.7	>=88.6
7.5	<87.0	>=87.0	>=89.5
11	<88.4	>=88.4	>=90.5
15	<89.4	>=89.4	>=91.3
18.5	<90.0	>=90.0	>=91.8
22	<90.5	>=90.5	>=92.2
30	<91.4	>=91.4	>=92.9
37	<92.0	>=92.0	>=93.3
45	<95.5	>=95.5	>=93.7
55	<93.0	>=93.0	>=94.0
75	<93.6	>=93.6	>=94.6
90	<93.9	>=93.9	>=95.0

4 polos	EFF3	EFF2	EFF3
	η%	η%	η%
1.1	<76.2	>=76.2	>=82.8
1.5	<78.5	>=78.5	>=84.1
2.2	<81.0	>=81.0	>=85.6
3	<86.6	>=86.6	>=86.7
4	<84.2	>=84.2	>=87.6
5.5	<85.7	>=85.7	>=88.6
7.5	<87.0	>=87.0	>=89.5
11	<88.4	>=88.4	>=90.5
15	<89.4	>=89.4	>=91.3
18.5	<90.0	>=90.0	>=91.8
22	<90.5	>=90.5	>=92.2
30	<91.4	>=91.4	>=92.9
37	<92.0	>=92.0	>=93.3
45	<95.5	>=95.5	>=93.7
55	<93.0	>=93.0	>=94.0
75	<93.6	>=93.6	>=94.6
90	<93.9	>=93.9	>=95.0



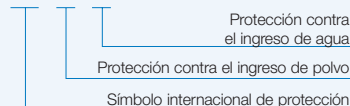
Modo de identificación

TE2D -225 MP-4

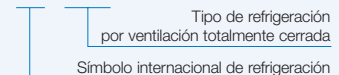


Clase de protección

IP 55



IC 411



Motores Altium

Características generales

TE2A, TE2D

Entorno			
Conformidad con las normas		Las series TE2A y TE2D cumplen con la normativas internacionales IEC34 y 72, correspondientes a IRAM2008 y DIN 0530	
Marcado CE		Los motores llevan el marcaje CE en virtud de las directivas europeas de Baja tensión y CEM.	
Grado de protección		IP55 para todos los modelos	
Temperatura ambiente	°C	-15..... + 40	
Altitud máxima de utilización	m	1000 sobre el nivel del mar (sin desclasificación)	
Características eléctricas y mecánicas			
Potencia		0,06kW.... 900kW	
Alimentación	Variación de Tensión	230/400 para motores de potencia < a 3 kW	400/690 para motores de potencia ≥ 3 kW
	Variación de Frecuencia	50/60Hz	
Conexión		Estrella o triángulo para todas las potencias menores o iguales de 3kW. Triángulo para motores mayores a 3kW	
Tipo de Servicio		Continuo (S1)	
Clase de Aislación		F (la elevación de temperatura de los bobinados del estator es examinada a 80K, por métodos resistivos)	
Método de refrigeración		IC411	
Tipo de Carcasas		TE2A.....Aluminio TE2D.....Fundición gris	
Rodamientos		TE2A56.....A132	ZZC3
		TE2D56.....D160	ZZC3
		TE2D180...D450	Abiertos C3
Eficiencia		TE2A	Eff2 según Cemep
		TE2D160..TE2D450	Eff2 según Cemep
		TE2D63....TE2D132	Eff3 según Cemep
Patas		TE2A	Removibles e instalables a +90° Y -90°
		TE2D	Fijas
Bridas		B5 (normalizada IEC)	TE2A todas las ref. TE2D todas las referencias
		B14 (normalizada DIN)	TE2A todas la referencias TE2D63..TE2D132
Grasa de los rodamientos		Litio Grado 3	
Color		RAL 5010	
Formas fundamentales		IMB3, IMB5, IMB14, IMB35, IMB34	
Termistores PTC en bobinados		TE2A	opcional
		TE2D56....D132	opcional
		E2D160....D450	disponible en productos base



Marcado en todos los motores certificados para utilizar en la República Argentina.

Línea TE2A / TE2D

Formas constructivas

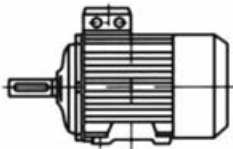
Cajas terminales

Diagrama:

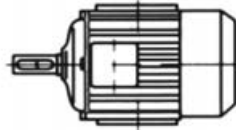
- Forma fundamental
- Forma de montaje
- Carcasas

IM B3

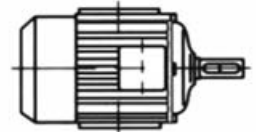
IM B3
IM B3
63-355



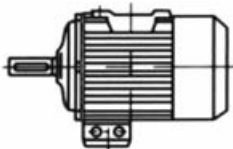
IM B3
IM B6
63-160



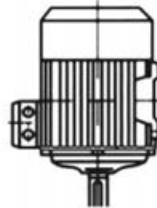
IM B3
IM B7
63-160



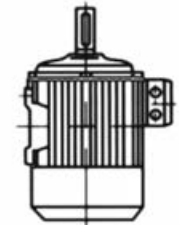
IM B3
IM B8
63-160



IM B3
IM V5
63-160

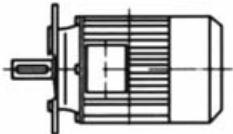


IM B3
IM V6
63-160

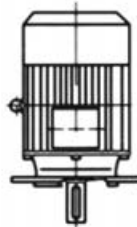


IM B5

IM B5
IM B5
63-280



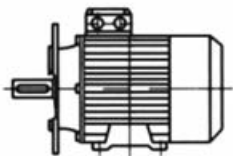
IM B5
IM V1
63-355



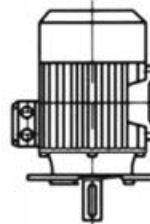
IM B5
IM V3
63-160



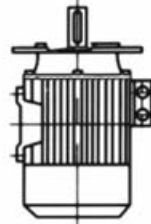
IM B5
IM B35
63-355



IM B35
IM V15
63-160

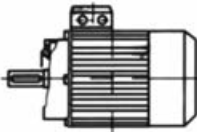


IM B35
IM V36
63-160

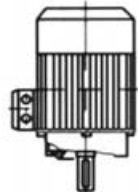


IM B14

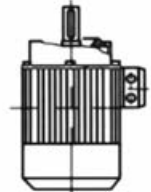
IM B14
IM B14
63-132



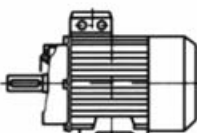
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IM V18
63-132



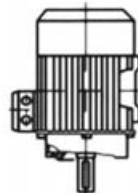
IM B14
IM V19
63-132



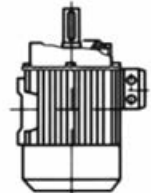
IM B14
IM B34
63-132



IM B14
IM V58
63-132



IM B14
IM V69
63-132



Línea TE2A / TE2D

Rodamientos

Los rodamientos de rodillos deben funcionar con una carga mínima del 25% de la máxima según tipo.

Funcionamiento en vacío o con carga inferior a la mínima, sólo debe permitirse por períodos cortos, de lo contrario pueden dañarse gravemente en pocas horas.

Hasta la carcasa 160, los rodamientos son cerrados y engrasados de por vida. Desde la carcasa 180 los rodamientos son abiertos, con dispositivos de reengrase exterior. Bloqueados en el lado del ventilador para evitar movimiento axial alternativo del eje.

Pueden disponerse otras combinaciones de rodamientos, tales como contacto angular para cargas pesadas, en el lado del ventilador (consultar).

Línea TE2A

Carcasa	Polos	Lado polea	Lado opuesto polea
56	2-4	6201 2RS-C3 (6201ZZC3)	6201 2RS-C3 (6201ZZC3)
63	2-4	6201 2RS-C3 (6201ZZC3)	6201 2RS-C3 (6201ZZC3)
71	2-6	6202 2RS-C3 (6202ZZC3)	6201 2RS-C3 (6202ZZC3)
80	2-8	6204 2RS-C3 (6204ZZC3)	6204 2RS-C3 (6204ZZC3)
90	2-8	6205 2RS-C3 (6205ZZC3)	6205 2RS-C3 (6205ZZC3)
100	2-8	6206 2RS-C3 (6206ZZC3)	6206 2RS-C3 (6206ZZC3)
112	2-8	6206 2RS-C3 (6206ZZC3)	6206 2RS-C3 (6206ZZC3)
132	2-8	6208 2RS-C3 (6208ZZC3)	6208 2RS-C3 (6208ZZC3)

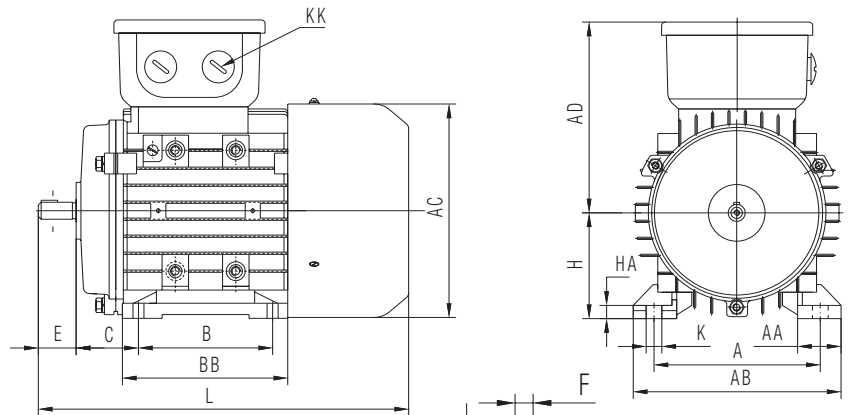
Línea TE2D

Carcasa	Polos	Lado polea	Lado opuesto a polea
63	2, 4, 6	6201ZZ-C3	6201ZZ-C3
71	2, 4, 6, 8	6202ZZ-C3	6202ZZ-C3
80	2, 4, 6, 8	6204ZZ-C3	6204ZZ-C3
90	2, 4, 6, 8	6205ZZ-C3	6205ZZ-C3
100	2, 4, 6, 8	6206ZZ-C3	6206ZZ-C3
112	2, 4, 6, 8	6306ZZ-C3	6306ZZ-C3
132	2, 4, 6, 8	6308ZZ-C3	6308ZZ-C3
160	2, 4, 6, 8	6309ZZ-C3	6309ZZ-C3
180	2, 4, 6, 8	6311-C3	6311-C3
200	2, 4, 6, 8	6312-C3	6312-C3
225	2, 4, 6, 8	6313-C3	6313-C3
250	2, 4, 6, 8	6314-C3	6314-C3
280	2, 4, 6, 8	6314-C3 6317-C3	6314-C3 6317-C3
315	2, 4, 6, 8, 10	6317-C3 NU 319E	6317-C3 6319-C3
355	2, 4, 6, 8, 10	6319-C3 NU 322E	6319-C3 6322-C3
400	2, 4, 6, 8, 10	NU 219E + 6219-C3 NU 326E	NU 219E 6326-C3
450	2, 4, 6, 8, 10	NU 222E + 6222-C3 NU 328E	NU 222E 6328-C3

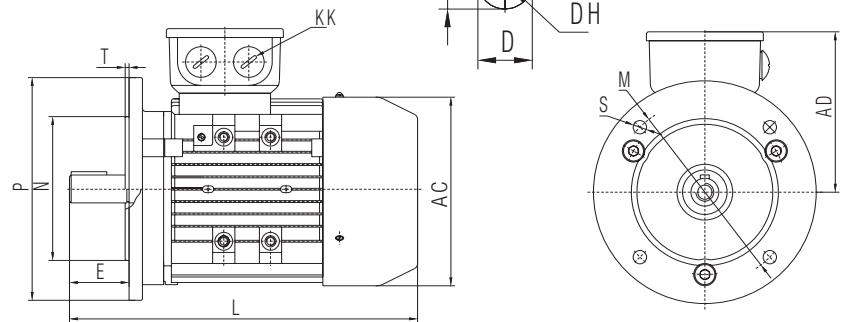
Línea TE2A

Planos con dimensiones constructivas IMB3/IMB5/IMB35

IM B3
TE2A56-160



IM B5 / IM B35
TE2A56-132



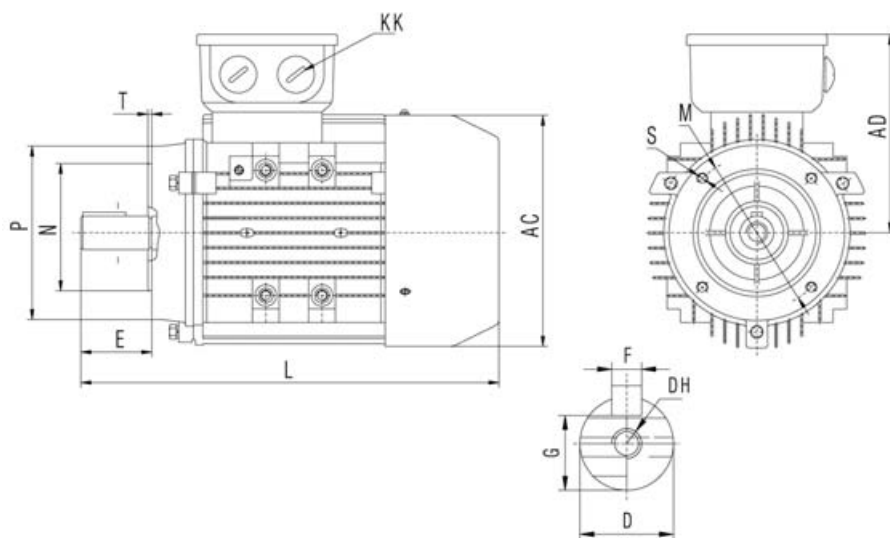
TE2A56-132 B3, B5 / B35

Tipo	Dimensiones en mm																								
	A	AA	AB	BB	HA	AC	AD	B	C	D	DH	E	F	G	H	K	KK		L	M	N	P	S	T	
																	METRICA		PG						
TE2A56	90	23	115	88	7	110	100	71	36	9	M4X12	20	3	7.2	56	5.8	1-M20X1.5	1-PG11	199	100	80	120	120	3.0	
TE2A63	100	24	135	100	7	130	111	80	40	11	M4X12	23	4	8.5	63	7.0	1-M20X1.5	1-PG11	217	115	95	140	140	3.0	
TE2A71	112	26	150	110	8	145	118	90	45	14	M5X12	30	5	11	71	7.0	1-M20X1.5	1-PG11	245	130	110	160	160	3.5	
TE2A80	125	35	165	125	9	175	134	100	50	19	M6X16	40	6	15.5	80	10.0	1-M25X1.5	1-PG16	287	165	130	200	200	3.5	
TE2A90S	140	37	180	125	10	195	140	100	56	24	M8X19	50	8	20.0	90	10.0	1-M25X1.5	1-PG16	315	165	130	200	200	3.5	
TE2A90L	140	37	180	150	10	195	140	125	56	24	M8X19	50	8	20.0	90	10.0	1-M25X1.5	1-PG16	340	165	130	200	200	3.5	
TE2A100L	160	40	205	172	11	215	160	140	63	28	M10X22	60	8	24.0	100	12.0	1-M32X1.5	1-PG21	385	215	180	250	250	4.0	
TE2A112M	190	41	230	181	12	240	178	140	70	28	M10X22	60	8	24.0	112	12.0	2-M32X1.5	2-PG21	400	215	180	250	250	4.0	
TE2A132S	216	51	270	186	15	275	206	140	89	38	M12X28	80	10	33.0	132	12.0	2-M32X1.5	2-PG21	483	265	230	300	300	4.0	
TE2A132M	216	51	270	224	15	275	206	178	89	38	M12X28	80	10	33.0	132	12.0	2-M32X1.5	2-PG21	510	265	230	300	300	4.0	

Línea TE2A

Planos con dimensiones constructivas IMB14

IM B14 TE2A56-132



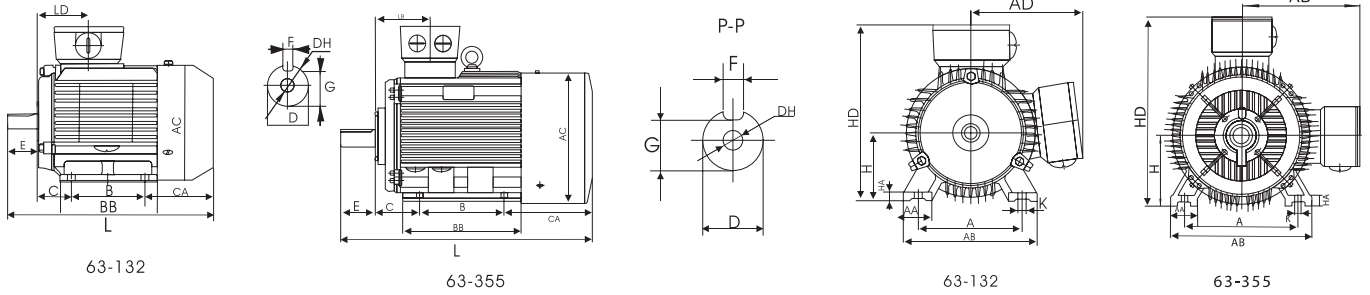
TE2A56-132 B14

Tipo	Dimensiones en mm														
	AC	AD	D	DH	E	F	G	KK		L	B14A				
								METRICA	PG		M	N	P	S	T
TE2A56	110	100	9	M4X12	20	3	7.2	1-M20X1.5	1-PG11	199	65	50	80	M5	2.5
TE2A63	130	11	11	M4X12	23	4	8.5	1-M20X1.5	1-PG11	217	75	60	90	M5	2.5
TE2A71	145	118	14	M5X12	30	5	11.0	1-M20X1.5	1-PG11	245	85	70	105	M6	2.5
TE2A80	175	134	19	M6X16	40	6	15.5	1-M25X1.5	1-PG16	297	100	80	120	M6	3.0
TE2A90S	195	140	24	M8X19	50	8	20.0	1-M25X1.5	1-PG16	315	115	95	140	M8	3.0
TE2A90L	195	140	24	M8X19	50	8	20.0	1-M25X1.5	1-PG16	340	115	95	140	M8	3.0
TE2A100L	215	160	28	M10X22	60	8	24.0	1-M32X1.5	1-PG21	385	130	110	160	M8	3.5
TE2A112M	240	178	28	M10X22	60	8	24.0	2-M32X1.5	2-PG21	400	130	110	160	M8	3.5
TE2A132S	275	206	38	M12X28	80	10	33.0	2-M32X1.5	2-PG21	483	165	130	200	M10	3.5
TE2A132M	275	206	38	M12X28	80	10	33.0	2-M32X1.5	2-PG21	510	165	130	200	M10	3.5

Línea TE2D

Planos con dimensiones constructivas

IMB3



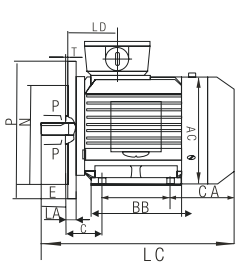
IM B3 63-355

Tipo	Polos	Dimensiones en mm																					
		A	AA	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	BB	CA	EA	DA	HA	LD	DH
TE2D63	2,4	100	30	80	40	11	23	4	8.5	63	7	135	120	70	180	225	100	81	23	11	8	54	M4X12
TE2D71	2, 4, 6	112	32	90	45	14	30	5	11	71	7	150	136	80	195	250	120	85	30	14	8	64	M5X12
TE2D80	2, 4, 6, 8	125	34	100	50	19	40	6	15.5	80	10	165	156	145	214	295	130	101	40	19	10	69	M6X16
TE2D90S	2, 4, 6, 8	140	36	100	56	24	50	8	20	90	10	180	176	155	250	315	130	110	50	24	12	76	M8X19
TE2D90L	2, 4, 6, 8	140	36	125	56	24	50	8	20	90	10	180	176	155	250	340	155	110	50	24	12	76	M8X19
TE2D100L	2, 4, 6, 8	160	40	140	63	28	60	8	24	100	12	205	196	180	270	385	176	125	60	28	14	75	M10X22
TE2D112M	2, 4, 6, 8	190	45	140	70	28	60	8	24	112	12	230	220	190	300	400	180	132	60	28	15	82	M10X22
TE2D132S	2, 4, 6, 8	216	55	140	89	38	80	10	33	132	12	270	259	210	345	470	230	169	80	38	18	88	M12X28
TE2D132M	2, 4, 6, 8	216	55	178	89	38	80	10	33	132	12	270	259	210	345	510	238	169	80	38	18	88	M12X28
TE2D160M	2	254	65	210	108	42	110	12	37	160	15	320	315	255	420	615	260	190	110	42	20	132	M16X36
	4, 6, 8	254	65	210	108	42	110	12	37	160	15	320	315	255	420	615	260	190	110	42	20	135	M16X36
TE2D160L	2	254	65	210	108	42	110	12	37	160	15	320	315	255	420	670	304	224	110	42	22	132	M16X36
	4, 6, 8	254	65	210	108	42	110	12	37	160	15	320	315	255	420	670	304	224	110	42	22	135	M16X36
TE2D180L	2	279	70	241	121	48	110	14	42.5	180	15	355	355	280	455	700	311	220	110	48	25	138.5	M16X36
	4, 6, 8	279	70	279	121	48	110	14	42.5	180	15	355	355	280	455	740	349	220	110	48	28	136.5	M16X36
TE2D180L	4, 6, 8	279	70	279	121	48	110	14	42.5	180	15	355	355	280	455	740	349	220	110	48	28	139.5	M16X36
TE2D200L	2	318	70	305	133	55	110	16	49	200	19	395	397	305	505	770	369	241	110	55	30	149.5	M20X42
	4, 6, 8	318	70	305	133	55	110	16	49	200	19	395	397	305	505	770	369	241	110	55	30	158.5	M20X42
TE2D225S	4, 8	356	75	286	149	60	140	18	53	225	19	435	445	335	555	815	368	241	140	60	28	156.5	M20X42
TE2D225M	2	356	75	311	149	55	110	16	49	225	19	435	445	335	555	820	304	241	110	55	28	154.5	M20X42
	4, 6, 8	356	75	311	149	60	140	18	53	225	19	435	445	335	555	845	304	241	140	60	28	156.5	M20X42
TE2D250M	2	406	80	349	168	60	140	18	53	250	24	490	485	370	615	910	445	263	140	60	30	170.5	M20X42
	4, 6, 8	406	80	349	168	65	140	18	58	250	24	490	485	370	615	910	445	263	140	65	30	172.5	M20X42
TE2D280S	2	457	85	368	190	65	140	18	58	280	24	550	547	410	680	985	485	283	140	65	35	170.5	M20X42
	4, 6, 8	457	85	368	190	75	140	18	67.5	280	24	550	547	410	680	985	485	283	140	75	35	179	M20X42
TE2D280M	2	457	85	419	190	65	140	18	58	280	24	550	547	410	680	1035	536	283	140	65	35	170.5	M20X42
	4, 6, 8	457	85	419	190	75	140	18	67.5	280	24	550	547	410	680	1035	536	283	140	75	35	179	M20X42
TE2D315S	2	508	120	406	216	65	140	18	58	315	28	635	620	530	845	1160	570	428	140	65	45	211	M20X42
	4, 6, 8	508	120	406	216	80	170	22	71	345	28	635	620	530	845	1270	570	428	170	80	45	211	M20X42
TE2D315M	2	508	120	457	216	65	140	18	58	315	28	635	620	530	845	1190	680	487	140	65	45	211	M20X42
	4, 6, 8	508	120	457	216	80	170	22	71	315	28	635	620	530	845	1300	680	487	170	80	45	211	M20X42
TE2D315L	2	508	120	457	216	65	140	18	58	315	28	635	620	530	845	1190	680	487	140	65	45	211	M20X42
	4, 6, 8	508	120	457	216	80	170	22	71	315	28	635	620	530	845	1300	680	487	170	80	45	211	M20X42
TE2D355M	2	610	116	560	254	75	140	20	67.5	355	28	730	698	655	1010	1500	760	544	140	75	52	234	M20X42
	4, 6, 8	610	116	560	254	95	170	25	86	355	28	730	698	655	1010	1530	760	544	170	95	52	234	M20X42
TE2D355L	2	610	116	560	254	75	140	20	67.5	355	28	730	698	655	1010	1500	760	544	140	75	52	234	M20X42
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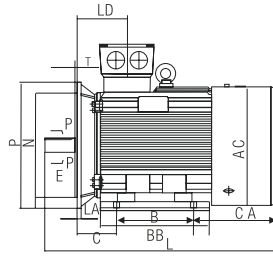
Línea TE2D

Planos con dimensiones constructivas

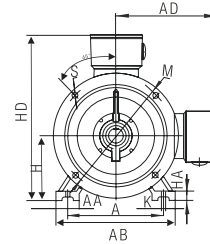
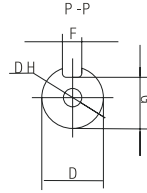
IMB35



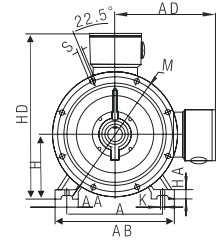
63-132



160-355



63-200



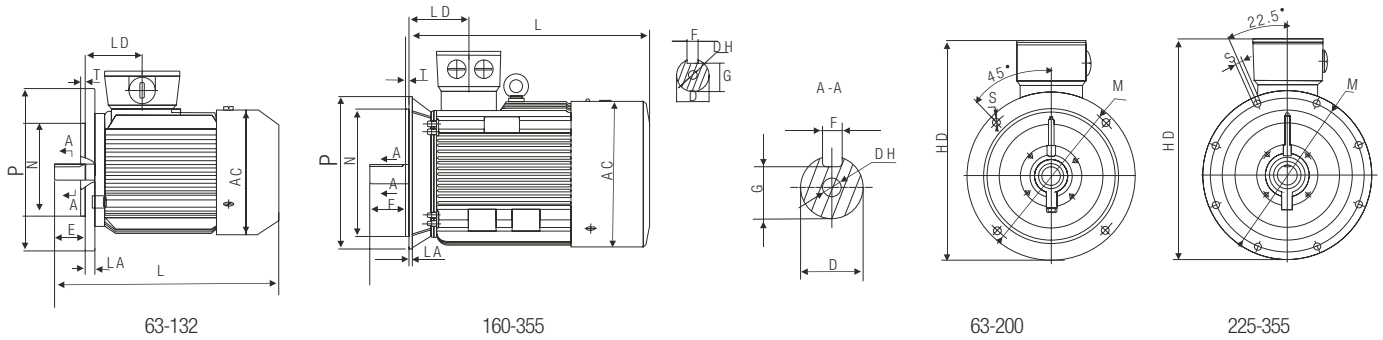
225-355

IM B35 63-355

Tipo	Flange No.	Polos	Dimensiones en mm																												
			A	AA	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L	BB	CA	EA	DA	HA	LD	Nº de agujeros	M	N	P	R	S	T	DH
TE2D63	FF115	2, 4	100	30	80	40	11	23	4	8.5	63	7	135	120	70	180	225	100	81	23	11	8	57	4	115	95	140	0	10	3	M4X12
TE2D71	FF130	2, 4, 6	112	32	90	45	14	30	5	11	71	7	150	136	80	195	250	120	85	30	14	8	68	4	130	110	160	0	10	3.5	M5X12
TE2D80	FF165	2, 4, 6, 8	125	34	100	50	19	40	6	15.5	80	10	165	156	145	214	295	130	101	40	19	10	71.5	4	165	130	200	0	12	3.5	M6X16
TE2D90S	FF165	2, 4, 6, 8	140	36	100	56	24	50	8	20	90	10	180	176	155	250	315	130	110	50	24	12	79.5	4	165	130	200	0	12	3.5	M8X19
TE2D90L	FF165	2, 4, 6, 8	140	36	125	56	24	50	8	20	90	10	180	176	155	250	340	155	110	50	24	12	79.5	4	165	130	200	0	12	3.5	M8X19
TE2D100L	FF215	2, 4, 6, 8	160	40	140	63	28	60	8	24	100	12	205	196	180	270	385	176	125	60	26	14	78.5	4	215	180	250	0	15	4	M10X22
TE2D112M	FF215	2, 4, 6, 8	190	45	140	70	28	60	8	24	112	12	230	220	190	300	400	180	132	60	28	15	86.5	4	215	180	250	0	15	4	M10X22
TE2D132S	FF265	2, 4, 6, 8	216	55	140	89	38	80	10	33	132	12	270	259	210	345	470	230	169	80	38	18	92	4	265	230	300	0	15	4	M12X28
TE2D132M	FF265	2, 4, 6, 8	216	55	178	89	38	80	10	33	132	12	270	259	210	345	510	238	169	80	38	18	92	4	265	230	300	0	15	4	M12X28
TE2D160M	FF300	2	254	65	210	108	42	110	12	37	160	15	320	315	255	420	615	260	190	110	42	20	146	4	300	250	350	0	19	5	M16X36
	FF300	4, 6, 8	254	65	210	108	42	110	12	37	160	15	320	315	255	420	615	260	190	110	42	20	146	4	300	250	350	0	19	5	M16X36
TE2D160L	FF300	2	254	65	254	108	42	110	12	37	160	15	320	315	255	420	670	304	224	110	42	22	146	4	300	250	350	0	19	5	M16X36
	FF300	4, 6, 8	254	65	254	108	42	110	12	37	160	15	320	315	255	420	670	304	224	110	42	22	146	4	300	250	350	0	19	5	M16X36
TE2D180M	FF300	2	279	70	241	121	48	110	14	42.5	180	15	355	355	280	455	700	311	220	110	48	25	158	4	300	250	350	0	19	5	M16X36
	FF300	4, 6, 8	279	70	241	121	48	110	14	42.5	180	15	355	355	280	455	700	311	220	110	48	25	158	4	300	250	350	0	19	5	M16X36
TE2D180L	FF300	4, 6, 8	279	70	279	121	48	110	14	42.5	180	15	355	355	280	455	740	349	220	110	48	25	158	4	300	250	350	0	19	5	M16X36
TE2D200L	FF350	2	318	70	305	133	55	110	16	49	200	19	395	397	305	505	770	369	241	110	55	30	186	4	350	300	400	0	19	5	M20X42
	FF350	4, 6, 8	318	70	305	133	55	110	16	49	200	19	395	397	305	505	770	369	241	110	55	30	186	4	350	300	400	0	19	5	M20X42
TE2D225S	FF400	4, 8	356	75	286	149	60	140	18	53	225	19	435	445	335	555	815	368	241	140	60	28	189	8	400	350	450	0	19	5	M20X42
TE2D225M	FF400	2	356	75	311	149	55	110	16	49	225	19	435	445	335	555	820	304	241	110	55	28	189	8	400	350	450	0	19	5	M20X42
	FF400	4, 6, 8	356	75	311	149	60	140	18	53	225	19	435	445	335	555	845	304	241	140	60	28	189	8	400	350	450	0	19	5	M20X42
TE2D250M	FF500	2	406	80	349	168	60	140	18	53	250	24	490	485	370	615	910	445	263	140	60	30	116	8	500	450	550	0	19	5	M20X42
	FF500	4, 6, 8	406	80	349	168	65	140	18	58	250	24	490	485	370	615	910	445	263	140	65	30	116	8	500	450	550	0	19	5	M20X42
TE2D280S	FF500	2	457	85	368	190	65	140	18	58	280	24	550	547	410	680	985	485	283	140	65	35	215.5	8	500	450	550	0	19	5	M20X42
	FF500	4, 6, 8	457	85	368	190	75	140	20	67.5	280	24	550	547	410	680	985	485	283	140	75	35	215.5	8	500	450	550	0	19	5	M20X42
TE2D280M	FF500	2	457	85	419	190	65	140	18	58	280	24	550	547	410	680	1035	536	283	140	65	35	215.5	8	500	450	550	0	19	5	M20X42
	FF500	4, 6, 8	457	85	419	190	75	140	20	67.5	280	24	550	547	410	680	1035	536	283	140	75	35	215.5	8	500	450	550	0	19	5	M20X42
TE2D315S	FF600	2	508	120	406	216	65	140	18	58	315	28	635	620	530	845	1160	570	428	140	65	45	257	8	600	550	660	0	24	6	M20X42
	FF600	4, 6, 8, 10	508	120	406	216	80	170	22	71	315	28	635	620	530	845	1270	570	428	170	80	45	257	8	600	550	660	0	24	6	M20X42
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	FF600	4, 6, 8, 10	508	120	457	216	80	170	22	71	315	28	635	620	530	845	1300	680	487	170	80	45	257	8	600	550	660	0	24	6	M20X42
TE2D315L	FF600	2	508	120	508	216	65	140	18	58	315	28	635	620	530	845	1190	680	436	140	65	45	257	8	600	550	660	0	24	6	M20X42
	FF600	4, 6, 8, 10	508	120	508	216	80	170	22	71	315	28	635	620	530	845	1300	680	436	170	80	45	257	8	600	550	660	0	24	6	M20X42
TE2D355M	FF740	2	610	116	560	254	75	140	20	67.5	355	28	730	698	655	1010	1500	760	544	140	75	52	284	8	740	680	800	0	24	6	M20X42
	FF740	4, 6, 8, 10	610	116	560	254	95	170	25	86	355	28	730	698	655	1010	1530	760	544	170	95	52	284	8	740	680	800	0	24	6	M20X42
TE2D355L	FF740	2	610	116	560	254	75	140	20	67.5	355	28	730	698	655	1010	1500	760	474	140	75	52	284	8	740	680	800	0	24	6	M20X42
	FF740	4, 6, 8, 10	610	116	560	254	95	170	25	86	355	28	730	698	655	1010	1530	760	474	170	95	52	284	8	740	680	800	0	24	6	M20X42

Línea TE2D

Planos con dimensiones constructivas IMB5

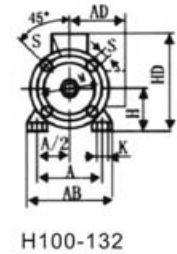
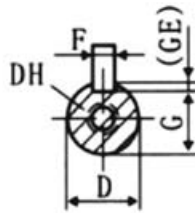
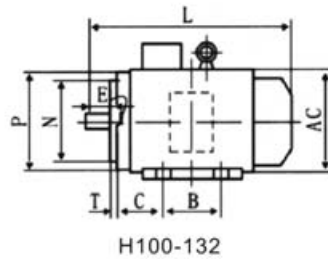
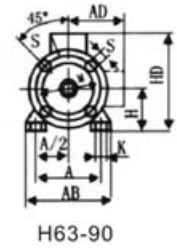
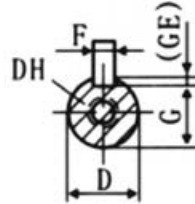
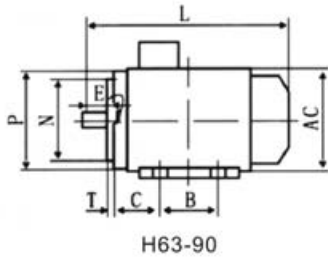


IM B5 63-355

Tipo	Flange No.	Polos	Dimensiones en mm																	
			D	E	F	G	M	N	P	S	T	Nº de agujeros	AC	HD	L	EA	DA	LD	LA	DH
TE2D63	FF115	2, 4	11	23	4	8.5	115	95	140	10	3	4	120	180	225	23	11	57	10	M4X12
TE2D71	FF130	2, 4, 6	14	30	5	11	130	110	160	10	3.5	4	136	195	250	30	14	68	10	M5X12
TE2D80	FF165	2, 4, 6, 8	19	40	6	15.5	165	130	200	12	3.5	4	156	214	295	40	19	71.5	12	M6X16
TE2D90S	FF165	2, 4, 6, 8	24	50	8	20	165	130	200	12	3.5	4	176	250	315	50	24	79.5	12	M8X19
TE2D90L	FF165	2, 4, 6, 8	24	50	8	20	165	130	200	12	3.5	4	176	250	315	50	24	79.5	12	M8X19
TE2D100L	FF215	2, 4, 6, 8	28	60	8	24	215	180	250	15	4	4	196	270	385	60	28	78.5	13	M10X22
TE2D112M	FF215	2, 4, 6, 8	28	60	8	24	215	180	250	15	4	4	220	300	400	60	28	86.5	14	M10X22
TE2D132S	FF265	2, 4, 6, 8	38	80	10	33	265	230	300	15	4	4	259	345	470	80	38	92	14	M12X28
TE2D132M	FF265	2, 4, 6, 8	38	80	10	33	265	230	300	15	4	4	259	345	510	80	38	92	14	M12X28
TE2D160M	FF300	2, 4, 6, 8	42	110	12	37	300	250	350	19	5	4	315	420	615	110	42	146	15	M16X36
TE2D160L	FF300	2, 4, 6, 8	42	110	12	37	300	250	350	19	5	4	315	420	670	110	42	146	15	M16X36
TE2D180M	FF300	2, 4, 6, 8	48	110	14	42.5	300	250	350	19	5	4	355	455	700	110	48	158	15	M16X36
TE2D180L	FF300	2, 4, 6, 8	48	110	14	42.5	300	250	350	19	5	4	355	455	740	110	48	158	15	M16X36
TE2D200L	FF350	2, 4, 6, 8	55	110	16	49	350	300	400	19	5	4	397	505	770	110	55	186	17	M20X42
TE2D225S	FF400	4, 8	60	140	18	53	400	350	450	19	5	8	445	555	815	140	60	189	20	M20X42
TE2D225M	FF400	2	55	110	16	49	400	350	450	19	5	8	445	555	820	110	55	189	20	M20X42
	FF400	4, 6, 8	60	140	18	53	400	350	450	19	5	8	445	555	845	140	60	189	20	M20X42
TE2D250M	FF500	2	60	140	18	53	500	450	550	19	5	8	485	615	910	140	60	116	22	M20X42
	FF500	4, 6, 8	65	140	18	58	500	450	550	19	5	8	485	615	910	140	65	116	22	M20X42
TE2D280S	FF500	2	65	140	18	58	500	450	550	19	5	8	547	680	985	140	65	215.5	22	M20X42
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TE2D315S	FF600	2	65	140	18	58	600	550	660	24	6	8	620	845	1160	140	65	257	22	M20X42
	FF600	4, 6, 8, 10	80	170	22	71	600	550	660	24	6	8	620	845	1270	170	80	257	22	M20X42
TE2D315M	FF600	2	65	140	18	58	600	550	660	24	6	8	620	845	1190	140	65	257	22	M20X42
	FF600	4, 6, 8, 10	80	170	22	71	600	550	660	24	6	8	620	845	1300	170	80	257	22	M20X42
TE2D315L	FF600	2	65	140	18	58	600	550	660	24	6	8	620	845	1190	140	65	257	22	M20X42
	FF600	4, 6, 8, 10	80	170	22	71	600	550	660	24	6	8	620	845	1300	170	80	257	22	M20X42
TE2D355M	FF740	2	75	140	20	67.5	740	680	800	24	6	8	698	1010	1500	140	75	284	25	M20X42
	FF740	4, 6, 8, 10	95	170	25	86	740	680	800	24	6	8	698	1010	1530	170	95	284	25	M20X42
TE2D355L	FF740	2	75	140	20	67.5	740	680	800	24	6	8	698	1010	1500	140	75	284	25	M20X42
	FF740	4, 6, 8, 10	95	170	25	86	740	680	800	24	6	8	698	1010	1530	170	95	284	25	M20X42

Línea TE2D

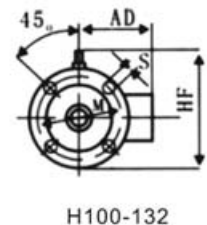
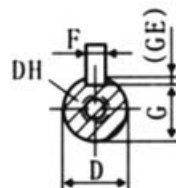
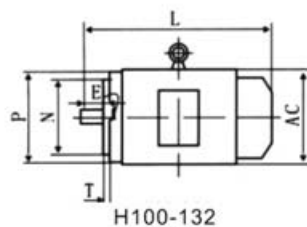
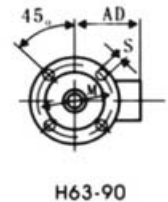
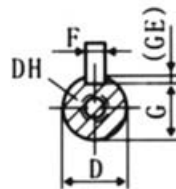
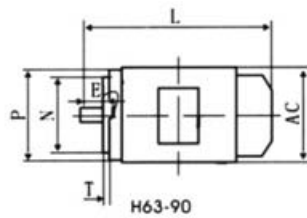
Planos con dimensiones constructivas IMB34/IMB14



IM B34 63-132

Tipo	Polos	Dimensiones en mm																	Nº de agujeros	Dimensiones en mm					
		A	A/2	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB		AC	AD	HD	L	DH	
63	2, 4	110	50	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	4	135	130	70	180	230	M4X12	
71	2, 4, 6	112	56	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	4	150	145	80	195	255	M5X12	
80	2, 4, 6, 8	125	62.5	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	4	165	185	145	220	295	M6X16	
90S	2, 4, 6, 8	140	70	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	4	180	215	155	250	320	M8X19	
90L	2, 4, 6, 8	140	70	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	4	180	215	155	250	345	M8X19	
100L	2, 4, 6, 8	160	80	140	63	28	60	8	24	100	10	130	110	160	0	M8	3.5	4	205	225	180	270	385	M10X22	
112M	2, 4, 6, 8	190	95	140	70	28	60	8	24	112	12	130	110	160	0	M8	3.5	4	230	255	190	300	400	M10X22	
132S	2, 4, 6, 8	216	108	140	89	38	60	10	33	132	12	165	130	200	0	M10	3.5	4	270	275	206	338	483	M12X28	
132M	2, 4, 6, 8	216	108	140	89	38	60	10	33	132	12	165	130	200	0	M10	3.5	4	270	275	206	338	510	M12X28	

IM B14



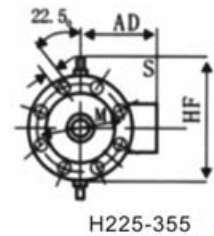
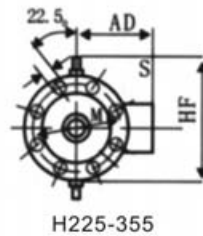
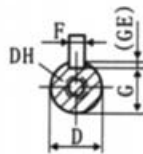
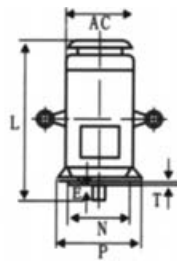
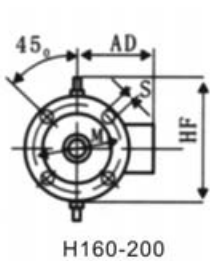
Línea TE2D

Planos con dimensiones constructivas

IMB14/IMV1

IM B14 63-132

Tipo	Polos	Dimensiones en mm											Nº de agujeros	Dimensiones en mm				
		D	E	F	G	M	N	P	R	S	T	AC		AD	HF	L	DH	
63	2, 4	11	23	4	8.5	115	75	60	0	M5	3.0	4	130	70	130	230	M4X12	
71	2, 4, 6	14	30	5	11.0	130	85	70	0	M6	3.5	4	145	80	145	255	M5X12	
80	2, 4, 6, 8	19	40	6	15.5	165	100	80	0	M6	3.5	4	185	145	185	295	M5X12	
90S	2, 4, 6, 8	24	50	8	20.0	165	115	95	0	M8	3.5	4	215	155	195	320	M8X19	
90L	2, 4, 6, 8	24	50	8	20.0	165	115	95	0	M8	3.5	4	215	155	195	345	M8X19	
100L	2, 4, 6, 8	28	60	8	24.0	215	130	110	0	M8	4.0	4	225	180	245	385	M10X22	
112M	2, 4, 6, 8	28	60	8	24.0	215	130	110	0	M8	4.0	4	225	190	265	400	M10X22	
132S	2, 4, 6, 8	38	80	10	33.0	165	130	200	0	M10	4.0	4	275	106	265	483	M16X36	
132M	2, 4, 6, 8	38	80	10	33.0	165	130	200	0	M10	4.0	4	275	106	265	483	M16X36	

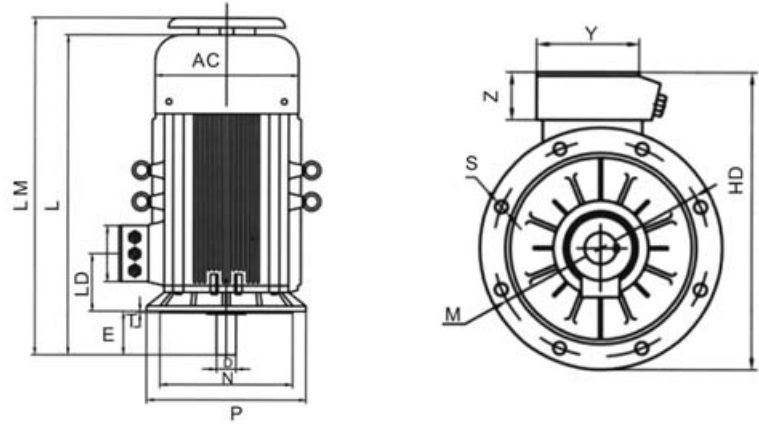


IM V1 160-355

Tipo	Polos	Dimensiones en mm											Nº de agujeros	Dimensiones en mm				
		D	E	F	G	M	N	P	R	S	T	AC		AD	HF	L	DH	
180M	2, 4, 6, 8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	500	760	M16X36	
180L	2, 4, 6, 8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	500	800	M16X36	
200L	2, 4, 6, 8	55	110	16	449.0	350	300	400	0	19	5	4	420	305	550	840	M20X42	
225S	4, 8	60	140	18	53.0	400	350	450	0	19	5	8	470	335	610	905	M20X42	
225M	2	55	140	16	49.0	400	350	450	0	19	5	8	470	335	610	910	M20X42	
	4, 6, 8	60	140	18	53.0	400	350	450	0	19	5	8	470	335	610	935	M20X42	
250M	2	60	140	18	53.0	500	450	550	0	19	5	8	510	370	650	1015	M20X42	
	4, 6, 8	65	140	18	58.0	500	450	550	0	19	5	8	510	370	650	1015	M20X42	
280S	2	65	140	18	58.0	500	450	550	0	19	5	8	510	370	650	1110	M20X42	
	4, 6, 8	75	140	20	67.5	500	450	550	0	19	5	8	510	370	650	1110	M20X42	
280M	2	65	140	18	58.0	500	450	550	0	19	5	8	510	370	650	1150	M20X42	
	4, 6, 8	75	140	20	67.5	500	450	550	0	19	5	8	510	370	650	1150	M20X42	
315S	4, 6, 8, 10	65	140	18	58.0	600	550	660	0	24	6	8	645	530	900	1280	M20X42	
	4, 6, 8, 10	80	170	22	71.0	600	550	660	0	24	6	8	645	530	900	1510	M20X42	
315M	4, 6, 8, 10	65	140	18	58.0	600	550	660	0	24	6	8	645	530	900	1310	M20X42	
	4, 6, 8, 10	80	170	22	71.0	600	550	660	0	24	6	8	645	530	900	1430	M20X42	
315L	4, 6, 8, 10	65	140	18	58.0	600	550	660	0	24	6	8	645	530	900	1310	M20X42	
	4, 6, 8, 10	80	170	22	71.0	600	550	660	0	24	6	8	645	530	900	1430	M20X42	
355M	4, 6, 8, 10	75	140	20	67.5	740	680	800	0	24	6	8	710	655	900	1640	M20X42	
	4, 6, 8, 10	95	170	25	86.0	740	680	800	0	24	6	8	710	655	1010	1670	M20X42	
355L	4, 6, 8, 10	75	140	20	67.5	740	680	800	0	24	6	8	710	655	1010	1640	M20X42	
	4, 6, 8, 10	95	170	25	86.0	740	680	800	0	24	6	8	710	655	1010	1670	M20X42	

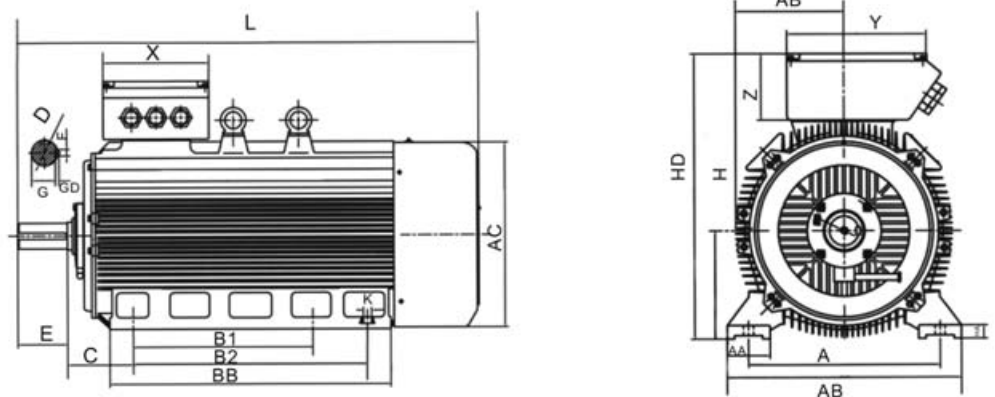
Línea TE2D

Planos con dimensiones constructivas Carcasas 400-450 IMV1, IMB3



IM V1 400-450

Tipo	Polos	Dimensiones en mm																	
		AC	D	E	H	HD	L	LM	LD	M	N	P	S	T	Eyebolt	IPE	X	Y	Z
TE2D400M	2	810	80	170	400	1075	1820	1920	380	940	880	100	8X28	6	4XM36	Max.2X100mm	430	485	225
TE2D400L	4, 6, 8, 10	810	110	210	400	1075	1881	1981	380	940	880	100	8X28	6	4XM36	Max.2X100mm	430	485	225
TE2D450M	2	890	90	170	450	1400	2050	2150	422	1040	980	1100	8X32	8	4XM42	Max.2X130mm	460	530	275
TE2D450M	4, 6, 8, 10	890	130	250	450	1400	2200	2300	422	1040	980	1100	8X32	8	4XM42	Max.2X130mm	460	530	275

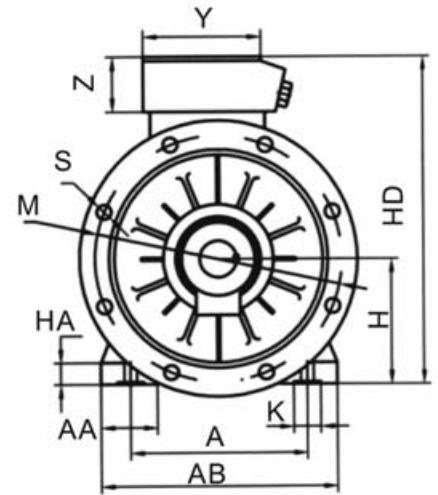
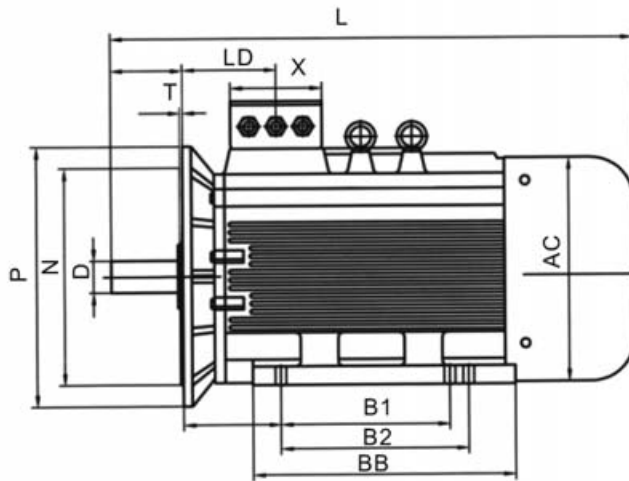


IM B3 400-450

Tipo	Polos	Dimensiones en mm																								
		A	AA	AB	AC	B1	B2	BB	C	D	DB	E	F	G	GD	H	HA	HD	K	L	AD	Eyebolt	IPE	X	Y	Z
TE2D400M	2	686	120	806	810	630	710	1090	280	80	M24	170	22	71	14	400	52	1075	36	1820	400	2XM36	Max.2X100mm	430	485	225
TE2D400L	4, 6, 8, 10	686	120	806	810	630	710	1090	280	110	M24	210	28	100	18	400	52	1075	36	1881	400	2XM36	Max.2X100mm	430	485	225
TE2D450M	2	800	150	950	950	900	1000	1200	250	90	M24	170	25	81	14	450	62	1400	36	2050	480	2XM42	Max.2X130mm	460	530	275
TE2D450M	4, 6, 8, 10	800	150	950	950	900	1000	1200	250	130	M24	250	32	119	18	450	62	1400	36	2200	480	2XM42	Max.2X130mm	460	530	275

Línea TE2D

Planos con dimensiones constructivas Carcasas 400-450 IMB35

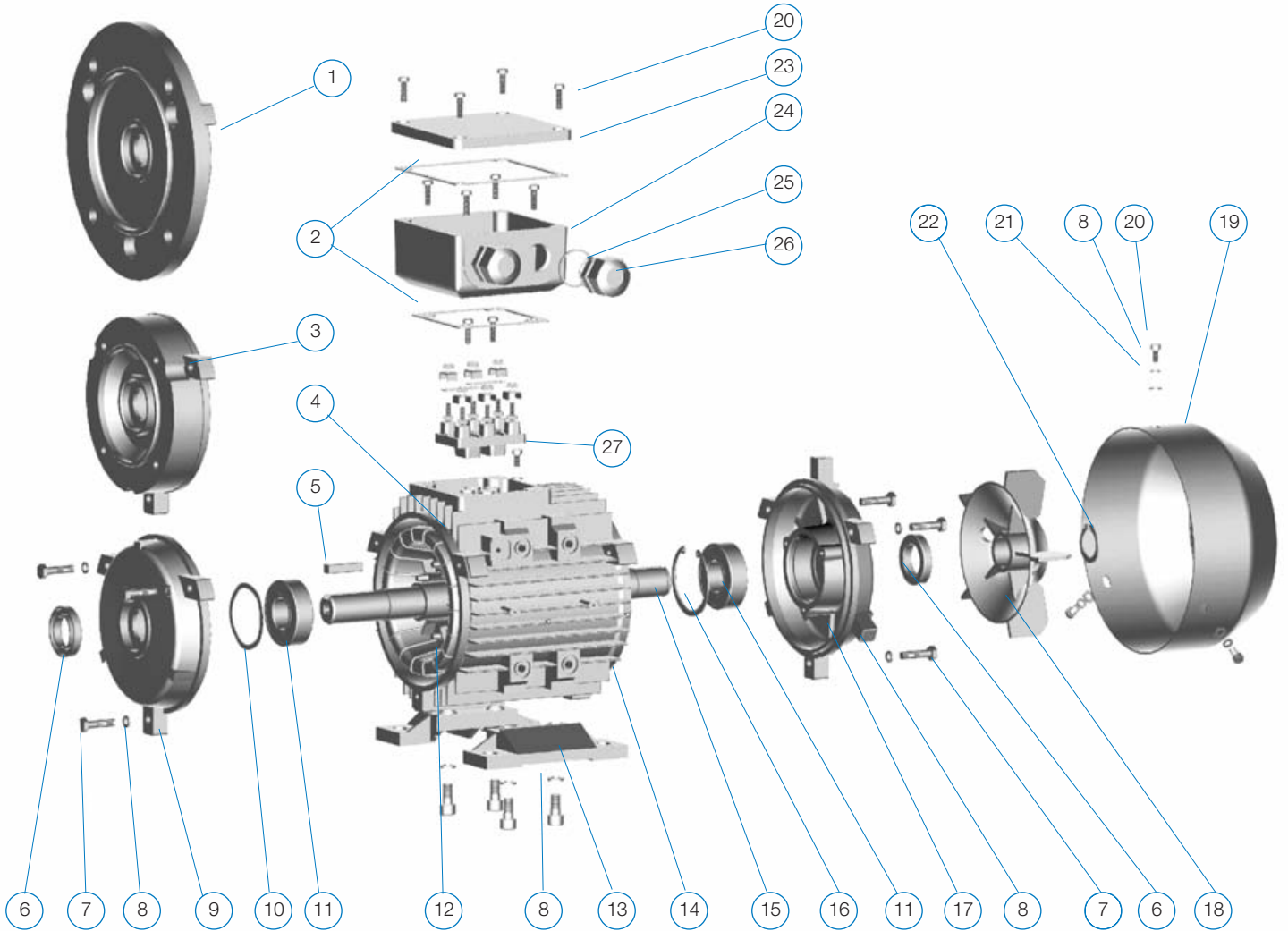


IM B35 400-450

Tipo	Polos	Dimensiones en mm																									
		A	AA	AB	AC	B1	B2	BB	C	D	E	H	HA	DH	K	L	LD	M	N	P	S	T	Eyebolt	IPE	X	Y	Z
TE2D400M	2	686	120	806	810	630	710	1090	280	80	170	400	52	1075	36	1820	362	940	880	1000	8X28	8	2XM36	Max.2X100mm	430	485	225
TE2D400L	4, 6, 8, 10	686	120	806	810	630	710	1090	280	110	210	400	52	1075	36	1881	362	940	880	1000	8X28	8	2XM36	Max.2X100mm	430	485	225
TE2D450M	2	800	150	950	890	900	1000	1200	250	90	170	450	62	1400	36	2050	422	1040	980	1100	8X32	8	2XM42	Max.2X130mm	460	530	275
TE2D450M	4, 6, 8, 10	800	150	950	890	900	1000	1200	250	130	250	450	62	1400	36	2200	422	1040	980	1100	8X32	8	2XM42	Max.2X130mm	460	530	275

Línea TE2A

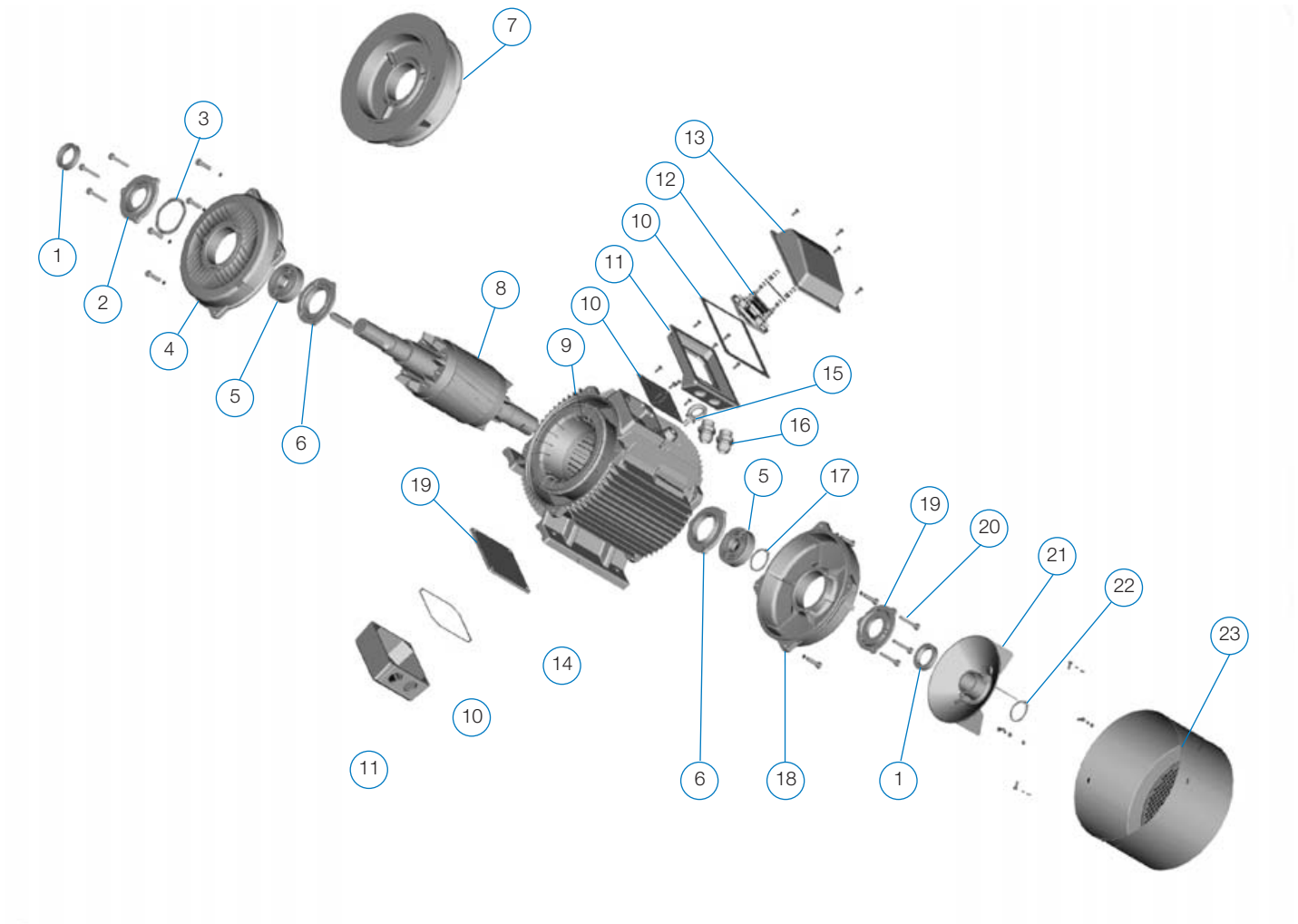
Despiece



- | | | |
|--------------------|--------------------------|-----------------------------|
| 1. Brida B5 | 10. Arandela de presión | 19. Cubre ventilador |
| 2. Juntas | 11. Rodamiento | 20. Tornillo |
| 3. Brida B14 | 12. Estator | 21. Arandela |
| 4. Carcasa | 13. Patas | 22. Anillo de retención |
| 5. Chaveta | 14. Chapa característica | 23. Tapa caja de terminales |
| 6. Anillo (V ring) | 15. Rotor | 24. Base tapa de terminales |
| 7. Perno | 16. Anillo de retención | 25. Arandela |
| 8. Arandela | 17. Tapa trasera | 26. Prensacables |
| 9. Tapa delantera | 18. Ventilador | 27. Bornera |

Línea TE2D

Despiece



- | | | |
|------------------------|-----------------------------|-------------------------|
| 1. Anillo | 10. Juntas | 19. Tapón trasero |
| 2. Tapón frontal | 11. Base tapa de terminales | 20. Tornillo |
| 3. Arandela de presión | 12. Bornera | 21. Ventilador |
| 4. Tapa delantera | 13. Tapa caja de terminales | 22. Anillo de retención |
| 5. Rodamiento | 14. Carcasa | 23. Cubre ventilador |
| 6. Tapón interior | 15. Anillo | |
| 7. Brida | 16. Prensacables | |
| 8. Rotor | 17. Anillo de retención | |
| 9. Estator | 18. Tapa trasera | |

Serie TE2A

Tabla de selección

Velocidad 3000 rpm 2 polos 50Hz Clase F IP55

Tipo	Potencia		In			Velocidad	Eficiencia (η)			Factor de Potencia			Tn	Ts	Tmax	ls	Inercia (J)	Ruido LwdB(A)	Peso kg
			380V	400V	415V		100%	75%	50%	100%	75%	50%							
	Kw	Hp	A			r/min	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²		
TE2A561P2	0.09	0.12	0.29	0.27	0.26	2750	62.0	61.0	57.0	0.77	0.71	0.64	0.31	2.1	2.2	5.2	0.00018	57	3.6
TE2A562P2	0.12	0.18	0.37	0.35	0.33	2750	64.0	63.5	59.0	0.78	0.73	0.65	0.41	2.1	2.2	5.2	0.00023	57	3.9
TE2A631P2	0.18	0.25	0.53	0.50	0.49	2720	65.0	64.0	60.0	0.80	0.73	0.66	0.61	2.2	2.3	5.5	0.00031	58	4.8
TE2A632P2	0.25	0.37	0.69	0.66	0.63	2720	68.0	68.5	66.0	0.81	0.74	0.67	0.96	2.2	2.3	5.5	0.00060	58	5.1
TE2A711P2	0.37	0.5	0.99	0.94	0.91	2740	70.0	71.0	68.5	0.81	0.75	0.66	1.26	2.2	2.3	6.1	0.00075	61	6.0
TE2A712P2	0.55	0.75	1.40	1.33	1.28	2740	73.0	73.0	69.5	0.82	0.76	0.69	1.88	2.2	2.3	6.1	0.00090	61	6.5
TE2A801P2	0.75	1	1.83	1.73	1.68	2840	75.0	75.7	72.3	0.83	0.78	0.67	2.54	2.2	2.3	6.1	0.00120	64	8.7
TE2A802P2	1.1	1.5	2.58	2.30	2.36	2840	78.0	80.0	78.2	0.84	0.82	0.72	3.72	2.2	2.3	7.0	0.00140	64	9.5
TE2A90SP2	1.5	2	3.43	2.90	3.14	2840	80.4	80.2	77.3	0.84	0.80	0.70	5.04	2.2	2.3	7.0	0.00290	69	11.8
TE2A90LP2	2.2	3	4.85	4.10	4.44	2840	82.0	82.7	81.6	0.85	0.84	0.74	7.40	2.2	2.3	7.0	0.00550	69	13.5
TE2A100LP2	3	4	6.31	5.50	5.78	2860	83.5	83.4	81.3	0.88	0.85	0.76	9.95	2.2	2.3	7.5	0.01090	73	21.0
TE2A112MP2	4	5.5	8.10	7.10	7.42	2880	85.7	85.5	83.5	0.88	0.85	0.76	13.22	2.2	2.3	7.5	0.01260	74	28.0
TE2A132SP2	5.5	7.5	11.0	9.70	10.0	2900	86.9	84.5	81.5	0.88	0.88	0.82	18.11	2.2	2.3	7.5	0.03770	77	39.0
TE2A132SP2P2	7.5	10	14.9	12.90	13.6	2900	88.0	86.9	85.3	0.88	0.89	0.84	24.70	2.2	2.3	7.5	0.04990	77	44.5

Velocidad 1500 rpm 4 polos 50Hz Clase F IP55

Tipo	Potencia		In			Velocidad	Eficiencia (η)			Factor de Potencia			Tn	Ts	Tmax	ls	Inercia (J)	Ruido LwdB(A)	Peso kg
			380V	400V	415V		100%	75%	50%	100%	75%	50%							
	Kw	Hp	A			r/min	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²		
TE2A561P4	0.06	0.08	0.23	0.22	0.21	1325	56.0	55.6	52.0	0.70	0.61	0.54	0.43	2.0	2.1	4.0	0.00030	48	3.6
TE2A562P4	0.09	0.12	0.33	0.31	0.30	1325	58.0	58.2	54.5	0.72	0.62	0.55	0.64	2.0	2.1	4.0	0.00040	48	3.9
TE2A631P4	0.12	0.18	0.44	0.40	0.40	1310	57.0	58.2	54.0	0.72	0.63	0.57	0.84	2.1	2.2	4.4	0.00050	48	4.8
TE2A632P4	0.18	0.25	0.62	0.60	0.57	1310	60.0	60.9	55.5	0.73	0.65	0.57	1.26	2.1	2.2	4.4	0.00060	48	5.1
TE2A711P4	0.25	0.37	0.79	0.70	0.72	1330	65.0	65.4	60.0	0.74	0.65	0.58	1.73	2.1	2.2	5.2	0.00080	53	6.0
TE2A712P4	0.37	0.5	1.12	1.06	1.03	1330	67.0	71.0	68.4	0.75	0.65	0.52	2.56	2.1	2.2	5.2	0.00130	53	6.3
TE2A801P4	0.55	0.75	1.57	1.49	1.44	1390	71.0	72.6	69.0	0.75	0.66	0.55	3.75	2.3	2.3	5.2	0.00180	58	9.4
TE2A802P4	0.75	1	2.03	1.93	1.86	1390	73.0	74.2	70.0	0.76	0.65	0.54	5.11	2.3	2.3	6.0	0.00210	58	10.8
TE2A90SP4	1.1	1.5	2.89	2.30	2.65	1390	77.0	77.8	75.0	0.77	0.70	0.57	7.50	2.3	2.3	6.0	0.00230	59	12.0
TE2A90LP4	1.5	2	3.70	3.10	3.39	1390	80.3	78.1	76.7	0.79	0.75	0.64	10.23	2.3	2.3	6.0	0.00270	59	13.8
TE2A100L1P4	2.2	3	5.16	4.40	4.72	1410	81.8	83.0	81.1	0.81	0.76	0.65	14.80	2.3	2.3	7.0	0.00540	61	20.8
TE2A100L2P4	3	4	6.78	5.80	6.21	1410	83.4	83.2	81.6	0.82	0.78	0.66	20.18	2.3	2.3	7.0	0.00670	61	23.5
TE2A112MP4	4	5.5	8.80	7.80	8.10	1435	84.9	84.8	82.7	0.82	0.76	0.64	26.53	2.3	2.3	7.0	0.00950	62	29.5
TE2A132SP4	5.5	7.5	11.0	10.7	10.8	1440	86.5	86.8	85.6	0.83	0.81	0.71	36.48	2.3	2.3	7.0	0.02140	69	41.0
TE2A132MP4	7.5	10	15.6	14.4	14.3	1440	87.8	88.2	87.2	0.84	0.83	0.74	0.74	2.3	2.3	7.0	0.02960	69	47.5

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2A

Tabla de selección

Velocidad 1000 rpm 6 polos 50Hz Clase F IP55

Tipo	Potencia		In			Velocidad	Eficiencia (η)			Factor de Potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
			380V	400V	415V		100%	75%	50%	100%	75%	50%							
	Kw	Hp	A			r/min	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²		
TE2A631P6	0.09	0.12	0.62	0.50	0.47	840	44.0	43.0	39.0	0.60	0.53	0.44	1.80	1.8	1.9	3.5	0.00025	48	4.8
TE2A632P6	0.12	0.18	0.74	0.59	0.57	840	48.0	47.0	42.0	0.60	0.53	0.44	2.25	1.8	1.9	3.5	0.00040	48	5.1
TE2A711P6	0.18	0.25	0.95	0.70	0.70	850	56.0	56.0	52.0	0.66	0.58	0.47	1.91	1.9	2.0	4.0	0.00110	49	6.0
TE2A712P6	0.25	0.37	1.30	0.90	0.90	850	59.0	59.0	55.0	0.68	0.58	0.47	2.65	1.9	2.0	4.0	0.00140	49	6.3
TE2A801P6	0.37	0.5	1.79	1.24	1.24	885	62.0	62.0	59.0	0.70	0.60	0.48	3.93	1.9	2.0	4.7	0.00160	51	8.9
TE2A802P6	0.55	0.75	2.29	1.70	1.70	885	65.0	67.0	65.0	0.72	0.64	0.51	5.84	1.9	2.1	4.7	0.00190	51	10.4
TE2A90SP6	0.75	1	3.18	2.18	1.90	910	69.0	71.0	69.0	0.72	0.64	0.51	7.87	2.0	2.1	5.5	0.00290	54	12.1
TE2A90LP6	1.1	1.5	3.94	3.03	2.80	910	72.0	74.0	73.0	0.73	0.65	0.52	11.54	2.0	2.1	5.5	0.00350	54	13.7
TE2A100LP6	1.5	2	5.60	3.75	3.40	920	76.0	77.0	75.0	0.75	0.69	0.55	15.24	2.0	2.1	5.5	0.00690	58	23.0
TE2A112MP6	2.2	3	7.40	5.30	4.90	935	79.0	81.0	80.0	0.76	0.69	0.56	22.35	2.1	2.1	6.5	0.01400	62	28.2
TE2A132SP6	3	4	9.80	7.00	6.50	960	81.0	82.5	80.0	0.76	0.67	0.54	29.84	2.1	2.1	6.5	0.02860	66	40.3
TE2A132M1P6	4	5.5	12.9	9.30	8.50	960	82.0	84.0	83.0	0.76	0.70	0.57	39.79	2.1	2.1	6.5	0.03570	66	43.0
TE2A132M2P6	5.5	7.5	17.0	12.0	11.50	960	84.0	85.0	84.0	0.77	0.72	0.60	54.71	2.1	2.1	6.5	0.04490	66	47.2

Velocidad 750 rpm 8 polos 50Hz Clase F IP55

Tipo	Potencia		In			Velocidad	Eficiencia (η)			Factor de Potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
			380V	400V	415V		100%	75%	50%	100%	75%	50%							
	Kw	Hp	A			r/min	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²		
TE2A711P8	0.09	0.12	0.60	0.57	0.55	600	40.0	39.0	37.0	0.57	0.49	0.40	1.95	1.8	1.9	2.8	0.00800	48	6.0
TE2A712P8	0.12	0.18	0.71	0.70	0.65	600	45.0	44.0	40.0	0.57	0.49	0.40	2.16	1.8	1.9	2.8	0.00100	48	6.3
TE2A801P8	0.18	0.25	0.88	0.84	0.81	645	51.0	51.0	45.0	0.61	0.52	0.42	2.49	1.8	1.9	3.3	0.00250	49	8.9
TE2A802P8	0.25	0.37	1.15	1.09	1.05	645	54.0	54.0	49.0	0.61	0.52	0.41	3.46	1.8	1.9	3.3	0.00300	49	10.4
TE2A90SP8	0.37	0.5	1.49	1.42	1.36	670	62.0	62.0	57.0	0.61	0.52	0.41	5.12	1.8	1.9	4.0	0.00510	53	12.1
TE2A90LP8	0.55	0.75	2.17	2.06	1.98	670	63.0	64.0	60.0	0.61	0.53	0.42	7.61	1.8	2.0	4.0	0.00650	53	13.7
TE2A100L1P8	0.75	1	2.39	2.27	2.19	680	71.0	71.0	66.0	0.67	0.57	0.44	10.23	1.8	2.0	4.0	0.00950	56	23.0
TE2A100L2P8	1.1	1.5	3.37	3.21	3.09	680	73.0	73.0	71.0	0.69	0.62	0.48	15.00	1.8	2.0	5.0	0.01100	56	25.1
TE2A112MP8	1.5	2	4.50	4.28	4.12	690	75.0	76.0	74.0	0.69	0.61	0.48	20.46	1.8	2.0	5.0	0.02450	59	28.2
TE2A132SP8	2.2	3	6.00	5.70	5.50	705	78.0	78.0	75.0	0.71	0.63	0.50	29.59	1.8	2.0	6.0	0.03140	61	40.3
TE2A132MP8	3	4	7.90	7.53	7.20	705	79.0	80.0	78.0	0.73	0.65	0.52	40.35	1.8	2.0	6.0	0.03950	61	45.0

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2D

Tabla de selección

Velocidad 3000 rpm 400V 2 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	ls	Inercia	Ruido	Peso
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (φ)			Nm	Tn	Tn	In	(J)	LwdB(A)	kg	
TE2D631P2	0.18	0.25	2800	0.5	66	64	60	0.80	0.73	0.66	0.61	2.2	2.2	5.5	0.0031	61	14
TE2D632P2	0.25	0.37	2800	0.66	69	68.5	66	0.81	0.75	0.67	0.96	2.2	2.2	5.5	0.0004	61	14.5
TE2D711P2	0.37	0.5	2800	0.66	69	68.5	66	0.81	0.74	0.67	0.96	2.2	2.2	6.1	0.00055	64	15
TE2D712P2	0.55	0.75	2800	1.33	74	73	69.5	0.82	0.76	0.69	1.88	2.2	2.3	6.1	0.0006	64	15.5
TE2D801P2	0.75	1	2825	1.73	76.2	75.7	72.3	0.83	0.78	0.67	2.54	2.2	2.3	6.1	0.00075	67	16.5
TE2D802P2	1.1	1.5	2825	2.46	79.3	80	78.2	0.84	0.82	0.72	3.72	2.2	2.3	7.0	0.0009	67	17.5
TE2D90SP2	1.5	2	2840	3.26	80.4	80.2	77.3	0.84	0.80	0.70	5.04	2.2	2.3	7.0	0.0012	72	21
TE2D90LP2	2.2	3	2840	4.61	81.6	82.7	81.6	0.87	0.84	0.74	7.40	2.2	2.3	7.0	0.0014	72	25
TE2D100LP2	3	4	2880	6.01	83.4	83.4	81.3	0.88	0.85	0.76	9.95	2.2	2.3	7.5	0.0029	76	33
TE2D112MP2	4	5.5	2890	7.69	85.5	85.5	83.5	0.89	0.85	0.76	13.22	2.2	2.3	7.5	0.0055	77	41
TE2D132S1P2	5.5	7.5	2900	10.5	85.7	84.5	81.5	0.88	0.88	0.82	18.11	2.2	2.3	7.5	0.0109	80	63
TE2D132S2P2	7.5	10	2900	14.2	87	86.9	85.3	0.90	0.89	0.84	24.70	2.2	2.3	7.5	0.0126	80	70
TE2D160M1P2	11	15	2930	20.2	88.4	87.4	85.3	0.89	0.87	0.83	35.85	2.2	2.3	7.5	0.0377	86	110
TE2D160M2P2	15	20	2930	27.4	89.4	88.5	86.2	0.89	0.88	0.83	48.89	2.2	2.3	7.5	0.0499	86	120
TE2D160LP2	18.5	25	2930	32.9	90.5	90.2	88.6	0.91	0.90	0.87	60.30	2.0	2.3	7.5	0.055	86	135
TE2D180MP2	22	30	2940	38.9	90.5	89.9	87.7	0.90	0.89	0.85	71.46	2.0	2.3	7.5	0.075	89	165
TE2D200L1P2	30	40	2950	52.7	91.4	90.3	87.7	0.85	0.83	0.75	97.12	2.0	2.3	7.5	0.124	92	218
TE2D200L2P2	37	50	2950	64.5	92	91.2	89.3	0.89	0.87	0.81	119.78	2.0	2.3	7.5	0.19	92	230
TE2D225MP2	45	60	2970	78.2	92.5	90.9	88.4	0.89	0.88	0.84	144.70	2.0	2.3	7.5	0.233	92	280
TE2D250MP2	55	75	2970	95.9	93	91.9	89.2	0.89	0.84	0.78	176.85	2.0	2.3	7.5	0.312	93	365
TE2D280SP2	75	100	2970	127.3	93.6	93.1	81.5	0.86	0.88	0.84	241.16	2.0	2.3	7.5	0.579	94	495
TE2D280MP2	90	120	2970	152	94.1	93.1	92.1	0.90	0.87	0.85	289.39	2.0	2.3	7.1	0.675	94	565
TE2D315SP2	110	150	2980	185.3	94.4	93.9	92.4	0.90	0.87	0.82	352.51	1.8	2.2	7.1	1.18	96	890
TE2D315MP2	132	175	2980	221.4	94.8	94.3	92.8	0.90	0.85	0.80	423.02	1.8	2.2	7.1	1.82	96	980
TE2D315L1P2	160	220	2980	265	95	94.5	93	0.88	0.88	0.82	512.75	1.8	2.2	7.1	2.08	99	1055
TE2D315L2P2	200	270	2980	330	95	94.5	93	0.91	0.88	0.82	640.94	1.8	2.2	7.1	2.38	99	1110
TE2D355MP2	250	340	2985	411	95	94	92.5	0.90	0.88	0.81	799.83	1.8	2.2	7.1	3.00	103	1900
TE2D355LP2	315	430	2985	517	95.2	95.2	94	0.91	0.89	0.81	1007.9	1.8	2.2	7.1	3.50	103	2300

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2D

Tabla de selección

Velocidad 1500 rpm 400V 4 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia	Ruido	Peso
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²			
TE2D631P4	0.12	0.18	1360	0.40	59.0	59.0	56.0	0.72	0.63	0.57	0.84	2.1	2.2	4.4	0.0002	52	13.0
TE2D632P4	0.18	0.25	1360	0.60	62.0	61.6	57.5	0.73	0.65	0.57	1.26	2.1	2.2	4.4	0.0003	52	13.5
TE2D711P4	0.25	0.37	1380	0.70	67.3	69.3	60.1	0.74	0.65	0.58	1.73	2.1	2.2	5.2	0.0006	55	14.0
TE2D712P4	0.37	0.50	1400	1.06	69.3	71.0	68.4	0.76	0.65	0.52	2.54	2.1	2.2	5.2	0.0008	55	14.5
TE2D801P4	0.55	0.75	1390	0.49	72.8	72.6	69.0	0.75	0.66	0.55	3.78	2.4	2.3	5.2	0.0018	58	15
TE2D802P4	0.75	1.00	1390	1.93	74.4	74.2	70.0	0.74	0.65	0.54	2.15	2.4	2.3	6.0	0.0021	58	16
TE2D90SP4	1.1	1.50	1400	2.75	74.4	77.8	75.0	0.79	0.70	0.57	7.50	2.3	2.3	6.0	0.0023	61	23
TE2D90LP4	1.5	2.00	1400	3.52	78.5	78.1	76.7	0.71	0.75	0.64	10.23	2.3	2.3	6.0	0.0027	61	25
TE2D100L1P4	2.2	3.00	1420	4.90	82.5	83.0	81	0.72	0.76	0.65	14.80	2.3	2.3	7.0	0.0054	64	33
TE2D100L2P4	3	4.00	1420	6.44	82.6	83.2	81.6	0.76	0.78	0.66	20.18	2.3	2.3	7.0	0.0067	64	35
TE2D112MP4	4	5.50	1440	8.36	85.0	84.8	82.7	0.73	0.76	0.64	26.53	2.3	2.3	7.0	0.0095	65	41
TE2D132SP4	5.5	7.50	1440	11.2	86.7	86.8	85.6	0.87	0.81	0.71	36.48	2.3	2.3	7.0	0.0214	71	65
TE2D132MP4	7.5	10	1460	14.8	87.9	88.2	87.2	0.87	0.83	0.74	49.74	2.3	2.3	7.0	0.0296	71	76
TE2D160MP4	11	15	1460	21.1	89.2	89.2	87.8	0.85	0.83	0.75	71.59	2.2	2.3	7.0	0.0747	75	118
TE2D160LP4	15	20	1470	28.6	89.7	89.7	88.4	0.85	0.82	0.75	98.12	2.2	2.3	7.5	0.0918	75	132
TE2D180MP4	18.5	25	1470	34.6	90.7	90.6	89.2	0.89	0.86	0.77	120.19	2.2	2.3	7.5	0.139	76	164
TE2D180LP4	22	30	1480	41	91.6	91.7	90.7	0.88	0.85	0.75	142.93	2.2	2.3	7.5	0.158	76	182
TE2D200LP4	30	40	1480	54.7	92.6	92.4	91.6	0.87	0.84	0.75	160.96	2.2	2.3	7.2	0.262	79	245
TE2D225SP4	37	50	1480	66.4	92.8	92.7	91.5	0.87	0.84	0.75	198.51	2.2	2.3	7.2	0.406	81	258
TE2D225MP4	45	60	1480	80.4	93.4	93.3	92.5	0.89	0.87	0.81	290.37	2.2	2.3	7.2	0.469	81	290
TE2D250MP4	55	75	1480	97.8	94.0	94.2	93.6	0.89	0.88	0.82	354.90	2.2	2.3	7.2	0.66	83	388
TE2D280SP4	75	100	1480	133	94.0	93.5	92.0	0.91	0.89	0.84	483.95	2.2	2.3	7.2	1.12	86	510
TE2D280MP4	90	120	1485	158.7	94.0	93.5	91.8	0.88	0.86	0.80	578.79	2.2	2.3	7.2	1.46	86	606
TE2D315SP4	110	150	1485	191	94.4	93.5	91.4	0.88	0.87	0.81	707.41	2.1	2.2	6.9	3.11	93	91
TE2D315MP4	132	175	1485	228	94.8	94.8	93.3	0.91	0.88	0.82	849.89	2.1	2.2	6.9	3.62	93	1000
TE2D315L1P4	160	220	1485	273	95.0	94.5	93.5	0.88	0.85	0.78	1028.96	2.1	2.2	6.9	4.13	97	1055
TE2D315L2P4	200	270	1485	341	95.0	94.1	92.7	0.89	0.87	0.81	1286.20	2.1	2.2	6.9	4.73	97	1128
TE2D355MP4	250	340	1490	421	95.0	94.4	93.4	0.89	0.87	0.79	1602.35	2.1	2.2	6.9	6.5	101	1700
TE2D355LP4	315	430	1490	528	95.0	95.0	93.8	0.88	0.86	0.79	2018.96	2.1	2.2	6.9	8.2	101	1900

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2D

Tabla de selección

Velocidad 1000 rpm 400V 6 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia	Ruido	Peso
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²			
TE2D711P6	0.18	0.25	900	0.7	57	57	53.1	0.66	0.60	0.52	1.91	1.9	2.0	4.0	0.0011	52	14
TE2D712P6	0.25	0.37	900	0.9	60.0	59.9	55.2	0.68	0.60	0.53	2.65	1.9	2.0	4.0	0.0014	52	14.5
TE2D801P6	0.37	0.5	900	1.24	66.5	67.7	64.2	0.70	0.62	0.49	3.93	1.9	2.0	4.7	0.0016	54	15
TE2D802P6	0.55	0.75	900	1.7	68.2	68.4	64.1	0.66	0.59	0.47	5.84	1.9	2.1	4.7	0.0019	54	16
TE2D90SP6	0.75	1	910	2.18	74.4	73.9	70.6	0.74	0.64	0.52	7.87	2.0	2.1	5.5	0.0029	57	19
TE2D90LP6	1.1	1.5	910	3.03	75.2	74.7	72.1	0.75	0.66	0.53	11.54	2.0	2.1	5.5	0.0035	57	22
TE2D100LP6	1.5	2	940	3.75	77.6	77.6	74.8	0.73	0.66	0.54	15.24	2.0	2.1	5.5	0.0069	61	32
TE2D112MP6	2.2	3	940	5.35	79.9	79.9	76.7	0.75	0.66	0.52	22.35	2.1	2.1	6.5	0.014	65	41
TE2D132SP6	3	4	960	7.03	84.5	84.6	82.0	0.77	0.71	0.57	29.84	2.1	2.1	6.5	0.0286	69	63
TE2D132M1P6	4	5.5	960	9.3	84.8	84.7	82.6	0.77	0.70	0.58	39.79	2.1	2.1	6.5	0.0357	69	72
TE2D132M2P6	5.5	7.5	960	12.2	85.7	86.0	84.4	0.81	0.76	0.64	54.71	2.1	2.1	6.5	0.0449	69	81
TE2D160MP6	7.5	10	970	16.1	87.0	87.0	85.5	0.76	0.71	0.60	73.84	2.0	2.1	6.5	0.0081	73	118
TE2D160LP6	11	15	970	22.9	89.0	89.5	89.0	0.78	0.73	0.70	108.30	2.0	2.1	6.5	0.116	73	145
TE2D180LP6	15	20	970	30	89.1	89.1	87.8	0.84	0.79	0.67	147.68	2.1	2.1	7.0	0.207	73	178
TE2D200L1P6	18.5	25	970	36.6	90.0	90.2	88.9	0.82	0.78	0.67	182.14	2.1	2.0	7.0	0.315	76	200
TE2D200L2P6	22	30	970	42.4	90.1	90.1	88.6	0.83	0.78	0.71	216.60	2.1	2.0	7.0	0.36	76	228
TE2D225MP6	30	40	980	56.3	91.8	91.5	90.2	0.88	0.79	0.79	292.35	2.0	2.0	7.0	0.547	76	265
TE2D250MP6	37	50	980	67.4	92.8	92.8	91.8	0.86	0.86	0.76	360.56	2.1	2.0	7.0	0.843	78	370
TE2D280SP6	45	60	980	81.7	93.0	92.5	91.5	0.87	0.83	0.77	438.52	2.1	2.0	7.0	1.39	80	490
TE2D280MP6	55	75	980	99.8	93.0	92.5	91.5	0.88	0.85	0.78	535.97	2.1	2.0	7.0	1.65	80	540
TE2D315SP6	75	100	980	1344	94.0	93.5	92.0	0.88	0.85	0.78	730.87	2.0	2.0	7.0	4.11	85	900
TE2D315MP6	90	120	985	161	94.0	93.5	92.0	0.86	0.85	0.78	872.59	2.0	2.0	6.7	4.78	85	980
TE2D315L1P6	110	150	985	196	94.3	93.9	92.5	0.86	0.84	0.77	1066.50	2.0	2.0	6.7	5.45	85	1045
TE2D315L2P6	132	175	985	232	94.7	94.2	93.0	0.87	0.84	0.77	1279.80	2.0	2.0	6.7	6.12	85	1100
TE2D355M1P6	160	220	990	277	94.9	94.2	93.0	0.87	0.87	0.82	1543.43	1.9	2.0	6.7	9.5	92	1550
TE2D355M2P6	200	270	990	347	94.9	94.5	93.7	0.89	0.87	0.83	1913.29	1.9	2.0	6.7	10.4	92	1600
TE2D355LP6	250	340	990	432	95.0	95.0	94.0	0.88	0.86	0.80	2411.62	1.9	2.0	6.7	12.4	92	1700

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2D

Tabla de selección

Velocidad 750 rpm 400V 8 polos 50 HZ

Tipo	Potencia		Velocidad r/min	In A	Eficiencia (η)			Factor de potencia			Tn Nm	Ts Tn	Tmax Tn	Is In	Inercia (J) kgm ²	Ruido LwdB(A)	Peso kg
	Kw	Hp			100%	75%	50%	100%	75%	50%							
	%			cos (ϕ)													
TE2D801P8	0.18	0.25	690	0.84	52	49.5	44.0	0.61	0.56	0.44	2.49	1.8	1.9	3.3	0.0025	52	16
TE2D802P8	0.25	0.37	690	1.09	54.6	51.6	46.0	0.61	0.86	0.45	3.46	1.8	1.9	3.3	0.003	52	18
TE2D90SP8	0.37	0.50	690	1.42	62.8	62.2	54.0	0.61	0.57	0.46	5.12	1.8	1.9	4.0	0.0051	56	22
TE2D90LP8	0.55	0.75	690	2.06	63.5	61.6	56.5	0.61	0.59	0.46	7.61	1.8	2.0	4.0	0.0065	56	24
TE2D100L1P8	0.75	1	700	2.27	72.1	71.8	64.0	0.67	0.60	0.47	10.23	1.8	2.0	4.0	0.009	59	30
TE2D100L2P8	1.1	1.5	700	3.21	72.1	70.5	64.7	0.62	0.54	0.42	15.00	1.8	2.0	5.0	0.011	59	32
TE2D112MP8	1.5	2	700	4.28	77.2	77.3	74.5	0.69	0.60	0.48	20.46	7.8	2.0	5.0	0.245	61	40
TE2D132SP8	2.2	3	710	5.7	81.9	82.2	79.7	0.73	0.66	0.52	29.59	7.8	2.0	6.0	0.0314	64	64
TE2D132MP8	3	4	710	7.53	83.0	83.4	81.5	0.75	0.67	0.54	40.35	1.8	2.0	6.0	0.0395	64	78
TE2D160M1P8	4	5.5	720	9.8	86.0	85.5	84.1	0.74	0.64	0.52	53.06	1.9	2.0	6.0	0.0753	68	705
TE2D160M2P8	5.5	7.5	720	12.9	86.6	87.3	86.3	0.77	0.71	0.59	72.59	2.0	2.0	6.0	0.0931	68	115
TE2D160LP8	7.5	10	720	16.9	87.2	88.1	87.8	0.79	0.74	0.63	99.50	2.0	2.0	6.0	0.126	68	145
TE2D180LP8	11	15	730	23.8	87.8	87.9	86.4	0.77	0.70	0.57	143.90	2.0	2.0	6.0	0.203	70	160
TE2D200LP8	15	18.5	730	32.4	88.2	88.7	87.9	0.77	0.70	0.57	196.23	2.0	2.0	6.6	0.339	73	228
TE2D225SP8	18.5	25	730	39	91.3	81.5	90.6	0.76	0.72	0.61	242.02	1.9	2.0	6.6	0.491	73	242
TE2D225MP8	22	30	730	45	90.0	90.7	90.1	0.78	0.75	0.66	287.81	1.9	2.0	6.6	0.547	73	265
TE2D250MP8	30	40	730	60.8	92.4	92.3	91.3	0.81	0.76	0.66	382.47	1.9	2.0	6.6	0.834	75	368
TE2D280SP8	37	45	730	74	94.5	92.4	91.1	0.78	0.73	0.63	484.04	1.9	2.0	6.6	1.93	76	472
TE2D280MP8	45	50	740	89.3	92.6	92.6	91.5	0.78	0.73	0.63	580.74	1.8	2.0	6.6	3.65	76	538
TE2D315SP8	55	75	740	105	93.0	93.0	91.5	0.82	0.76	0.66	709.80	1.8	2.0	6.6	4.79	82	900
TE2D315MP8	75	100	740	143	93.5	93.5	92.0	0.82	0.78	0.67	967.91	1.8	2.0	6.6	5.58	82	1000
TE2D315L1P8	90	120	740	169	93.7	93.5	92.0	0.82	0.78	0.67	1161.49	1.8	2.0	6.6	6.37	82	1055
TE2D315L2P8	110	150	740	206	94.1	94.5	92.0	0.83	0.80	0.76	1419.60	1.8	2.0	6.4	7.23	82	1118
TE2D355M1P8	132	175	745	248	94.7	94.4	93.1	0.82	0.79	0.71	1692.08	1.8	2.0	6.4	7.9	90	2000
TE2D355M2P8	160	220	745	299	94.7	94.7	94.4	0.85	0.84	0.82	2051.00	1.8	2.0	6.4	10.3	90	2150
TE2D355LP8	200	270	745	369	94.7	94.2	92.2	0.84	0.83	0.80	2563.38	1.8	2.0	6.4	12.3	90	2250

Velocidad 600 rpm 400V 10 polos 50 HZ

Tipo	Potencia		Velocidad r/min	In A	Eficiencia (η)			Factor de potencia			Tn Nm	Ts Tn	Tmax Tn	Is In	Inercia (J) kgm ²	Ruido LwdB(A)	Peso kg
	Kw	Hp			100%	75%	50%	100%	75%	50%							
	%			cos (ϕ)													
TE2D315SP10	45	60	590	99.6	91.5	91.5	91.5	0.75	0.75	0.75	728.39	1.5	2.0	6.2	5.2300	82	818
TE2D315MP10	55	75	590	121.1	92.0	92.0	92.0	0.75	0.75	0.75	890.25	1.5	2.0	6.2	6.0500	82	928
TE2D315L1P10	75	100	590	162.1	92.5	92.5	92.5	0.76	0.76	0.76	1213.98	1.5	2.0	6.2	6.9800	82	928
TE2D315L2P10	90	120	590	191.0	93.0	93.0	93.0	0.77	0.77	0.77	1456.78	1.5	2.0	6.2	7.2100	82	1200
TE2D355M1P10	110	150	595	219.0	93.2	93.2	93.2	0.78	0.78	0.78	1765.55	1.3	2.0	6.0	13.800	90	1800
TE2D355M2P10	132	175	595	261.0	93.5	93.5	93.5	0.78	0.78	0.78	2118.66	1.3	2.0	6.0	15.000	90	2000
TE2D355LP10	160	220	595	317.0	93.5	93.5	93.5	0.78	0.78	0.78	2568.07	1.3	2.0	6.0	16.640	90	2500

Los valores de corriente para 220 V pueden calcularse multiplicando el valor a 380 V por el factor 1.73. Está disponible para todos los motores de potencias menores a 3 kW.

Serie TE2D

Tabla de selección

Velocidad 300 rpm 400V 2 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²			
TE2D400M1P2	400	540	2982	656	95.9	95.4	94.1	0.92	0.92	0.88	1281	1.23	2.53	5.80	3.70	101	2604
TE2D400M2P2	450	600	2985	736	95.9	95.3	93.8	0.92	0.91	0.86	1440	1.64	2.03	7.11	4.07	101	3035
TE2D400L1P2	500	675	2984	816	96.0	95.4	94.1	0.92	0.91	0.88	1681	1.47	2.72	6.42	40.7	102	3122
TE2D400L2P2	560	760	2982	913	96.0	95.6	94.4	0.92	0.92	0.89	1793	1.31	2.43	5.74	4.07	102	3088
TE2D400L3P2	630	850	2985	1018	96.1	95.5	94.2	0.93	0.93	0.89	2016	1.83	2.98	7.27	6.69	103	3987
TE2D450M1P2	560	760	2986	900	96.3	95.8	94.6	0.93	0.93	0.89	1790	1.05	2.90	6.14	20.07	112	3340
TE2D450M2P2	630	850	2984	1012	96.3	95.9	94.8	0.93	0.93	0.91	2016	0.98	2.57	5.46	20.07	112	3340
TE2D450L1P2	710	960	2988	1138	99.3	95.7	94.4	0.94	0.92	0.89	2270	1.38	3.42	7.29	27.1	112	4020
TE2D450L2P2	800	1080	2986	1276	96.5	96.1	94.9	0.94	0.93	0.90	2555	1.23	3.05	6.59	27.1	112	4120
TE2D450L3P2	900	1215	2985	1435	96.6	96.2	95.2	0.94	0.94	0.91	2874	1.09	2.71	5.86	27.1	112	4120

Velocidad 1500 rpm 400V 4 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²			
TE2D400M1P2	400	540	1492	670	96.0	95.5	94.2	0.90	0.88	0.82	2510	1.92	2.75	6.61	4.28	111	2786
TE2D400M2P2	450	600	1492	750	96.1	95.6	94.4	0.90	0.89	0.83	2880	2.03	2.81	6.84	4.99	111	3122
TE2D400L1P2	500	675	1491	829	96.4	96.0	95.0	0.90	0.89	0.85	3203	1.83	2.52	6.19	5.28	111	3132
TE2D400L2P2	560	760	1492	927	96.4	96.0	94.9	0.90	0.89	0.84	3587	2.02	2.67	6.64	5.78	112	3548
TE2D400L3P2	630	850	1491	1039	96.4	96.0	95.2	0.91	0.90	0.86	4035	1.75	2.34	5.81	5.90	112	3589
TE2D450M1P2	560	760	1492	921	96.3	95.9	94.8	0.91	0.90	0.85	3570	1.29	2.71	6.43	35.1	111	3584
TE2D450M2P2	630	850	1492	1036	96.4	95.9	94.7	0.91	0.90	0.85	4020	1.47	2.90	6.94	41.0	111	4055
TE2D450L1P2	710	960	1492	1164	96.4	96.0	95.0	0.91	0.90	0.86	4530	1.30	2.57	6.17	41.0	111	4055
TE2D450L2P2	800	1080	1491	1308	96.6	96.1	95.1	0.93	0.90	0.86	5100	1.53	2.28	6.91	49.5	111	4724
TE2D450L3P2	900	1215	1491	1469	96.6	96.3	95.3	0.92	0.91	0.87	5740	1.75	2.34	5.81	49.5	111	4732

Velocidad 1000 rpm 400V 6 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
	Kw	Hp			r/min	A	100%	75%	50%	100%							
				%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²			
TE2D400M1P6	315	425	994	553	95.8	95.3	94.0	0.86	0.84	0.77	3026	1.83	2.34	5.91	5.56	108	3003
TE2D400M2P6	355	480	994	622	95.9	95.4	94.1	0.86	0.84	0.77	3411	1.86	2.31	5.89	5.88	108	3410
TE2D400L1P6	400	540	994	703	95.9	95.3	93.9	0.86	0.83	0.75	3843	2.08	2.48	6.38	6.88	108	3558
TE2D400L2P6	450	600	994	789	95.9	95.4	94.0	0.86	0.83	0.76	4323	2.07	2.43	6.31	7.57	111	3841
TE2D400L3P6	500	675	994	871	96.1	95.7	94.5	0.86	0.85	0.78	4804	1.86	2.19	5.72	7.57	111	3866
TE2D400L4P6	560	760	994	977	96.1	95.7	94.5	0.86	0.84	0.78	5380	1.95	2.22	5.88	8.26	111	4140
TE2D450M1P6	500	675	994	874	96.0	95.5	94.3	0.86	0.84	0.77	4785	1.61	2.34	5.99	49.3	108	3886
TE2D450M2P6	560	760	994	978	96.1	95.6	94.1	0.86	0.84	0.77	5355	1.64	2.32	5.89	54.1	108	4203
TE2D450L1P6	630	850	994	1097	96.1	95.6	93.4	0.86	0.85	0.78	6025	1.65	2.30	5.99	50.6	108	4620
TE2D450L2P6	710	960	994	1235	95.9	95.4	94.0	0.86	0.84	0.77	6790	1.71	2.33	6.13	67.9	111	5080
TE2D450L3P6	800	1080	995	1381	96.5	96.3	95.4	0.87	0.85	0.80	7680	1.52	2.06	5.47	67.9	111	5080

Serie TE2D

Tabla de selección

Velocidad 750 rpm 400V 8 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
	Kw	Hp			r/min	A	100%	75%	50%	100%							
	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²						
TE2D400M1P8	250	340	745	449	95.3	94.7	93.2	0.84	0.81	0.73	3205	1.85	2.48	6.29	6.25	102	2914
TE2D400M2P8	280	380	744	498	95.3	94.8	93.4	0.84	0.83	0.75	3594	1.71	2.31	5.90	6.80	105	3970
TE2D400L1P8	315	425	745	560	95.5	95.1	93.7	0.85	0.82	0.74	4038	1.81	2.38	6.13	7.65	105	3392
TE2D400L2P8	355	480	744	628	95.6	95.2	93.9	0.85	0.83	0.76	4557	1.72	2.25	5.84	8.21	105	3592
TE2D400L3P8	400	540	745	714	95.6	95.1	93.7	0.85	0.82	0.73	5128	1.96	2.44	6.39	9.26	105	3949
TE2D450M1P8	315	425	746	583	95.4	94.8	93	0.82	0.78	0.68	4020	1.76	2.49	5.95	59.5	102	3840
TE2D450M2P8	355	480	745	651	95.5	94.9	93.5	0.82	0.79	0.70	4520	1.66	2.35	5.67	64.5	102	4090
TE2D450L1P8	400	540	745	729	95.7	95.2	93.8	0.83	0.80	0.71	5102	1.62	2.26	5.51	64.5	102	4090
TE2D450L2P8	450	600	745	817	95.7	95.2	93.9	0.83	0.81	0.72	5740	1.62	2.18	5.43	75.2	102	4660
TE2D450L3P8	500	675	745	913	95.7	95.2	93.9	0.83	0.80	0.71	6675	1.74	2.23	5.65	79.3	102	4870

Velocidad 600 rpm 400V 10 polos 50 HZ

Tipo	Potencia		Velocidad	In	Eficiencia (η)			Factor de potencia			Tn	Ts	Tmax	Is	Inercia (J)	Ruido LwdB(A)	Peso kg
	Kw	Hp			r/min	A	100%	75%	50%	100%							
	%			cos (ϕ)			Nm	Tn	Tn	In	kgm ²						
TE2D400M1P10	185	270	595	369	94.4	93.6	91.7	0.7	0.71	0.59	2969	1.88	2.93	6.30	5.50	99	2603
TE2D400M2P10	200	270	595	397	94.4	93.7	91.8	0.77	0.71	0.59	3210	1.87	2.90	6.28	5.96	99	2772
TE2D400L1P10	220	300	595	433	94.5	93.7	91.9	0.78	0.72	0.60	3531	1.82	2.83	6.17	6.54	99	2977
TE2D400L2P10	250	340	595	487	94.6	94.0	92.3	0.78	0.73	0.62	4013	1.77	2.73	6.03	7.11	102	3385
TE2D400L3P10	280	380	595	565	94.5	93.7	91.8	0.76	0.69	0.57	4494	2.12	2.13	6.78	8.37	102	3637
TE2D450M1P10	200	270	596	408	94.4	93.6	91.7	0.77	0.71	0.59	3190	1.88	2.93	6.30	48.6	99	3230
TE2D450M2P10	250	340	596	487	94.4	93.7	91.8	0.77	0.71	0.59	3985	1.87	2.90	3.28	53.6	102	3290
TE2D450L1P10	315	425	595	596	94.5	93.7	91.9	0.78	0.72	0.60	4940	1.82	2.83	6.17	58.5	102	3750
TE2D450L2P10	355	480	595	668	94.6	94.0	92.3	0.78	0.73	0.62	5660	1.77	2.73	6.03	64.5	102	4060
TE2D450L3P10	400	540	595	750	94.5	93.7	91.8	0.76	0.69	0.57	6375	2.12	2.13	6.78	71.4	102	4430
TE2D450L4P10	450	600	595	847	95.5	95.0	93.7	0.80	0.76	0.66	7175	1.69	2.45	5.36	79.3	102	4840