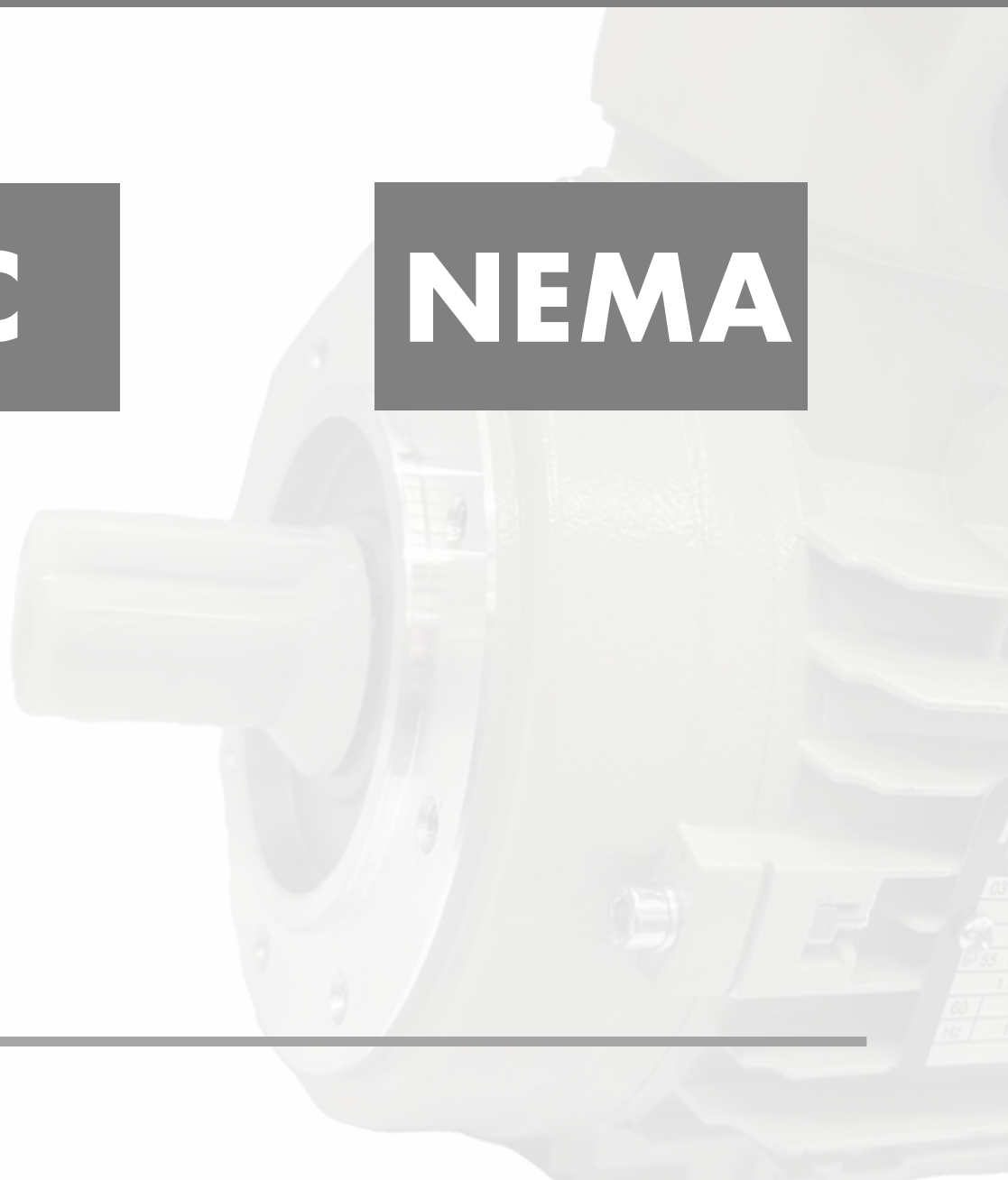


CATALOGO COMPACTO
COMPACT CATALOGUE
234

MOTORES
MOTORS

IEC

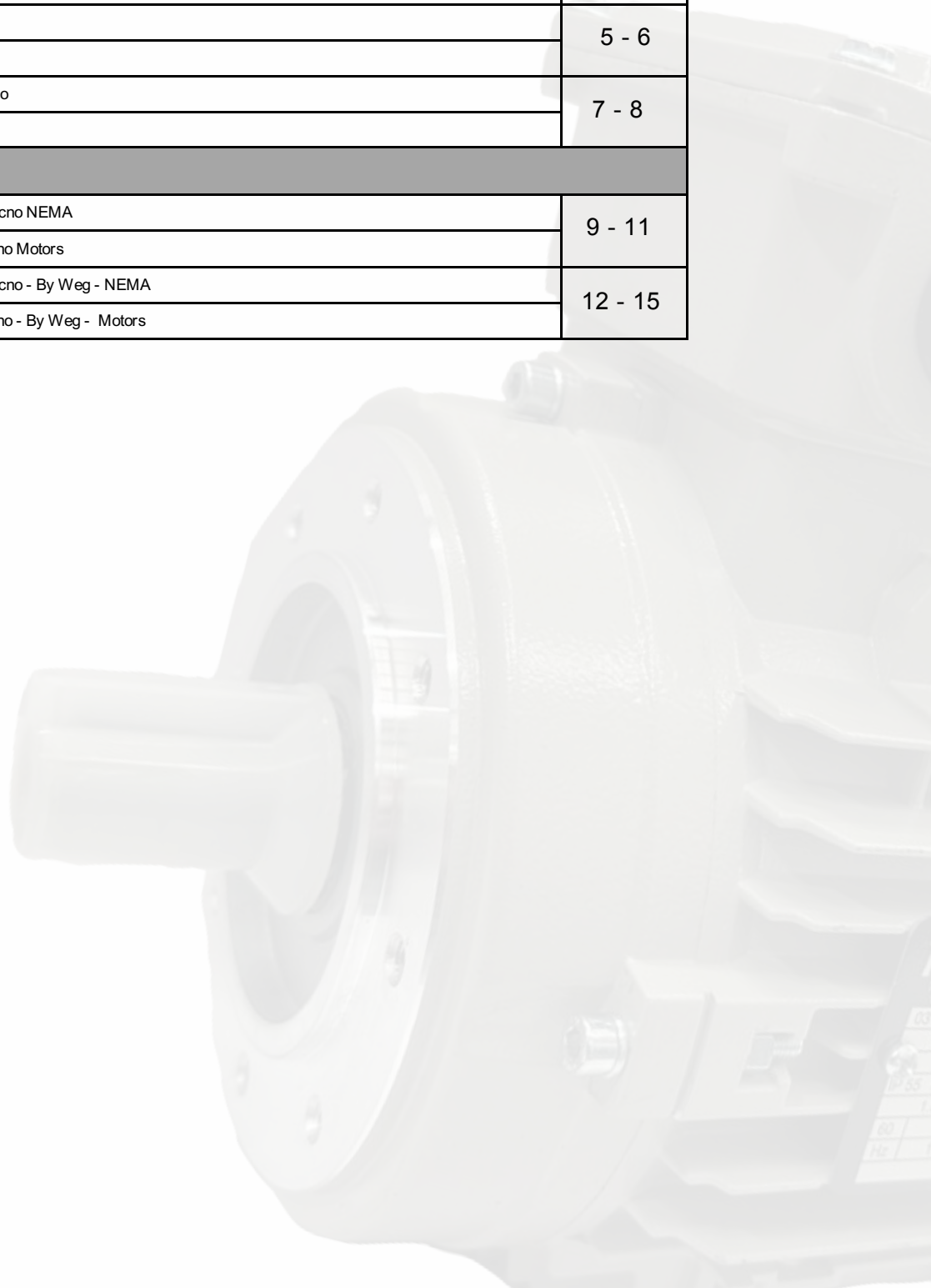
NEMA



**CATALOGO COMPACTO
COMPACT CATALOGUE**

**MA Transtecno
SAPI de CV**

IEC		
MS	Motores IE1	3 - 4
	IE1 Motors	
T3A	Motores IE3	5 - 6
	IE3 Motors	
MSB	Motores con freno	7 - 8
	Brake Motors	
NEMA		
3PH	Motores Transtecno NEMA	9 - 11
	NEMA Transtecno Motors	
3PH	Motores Transtecno - By Weg - NEMA	12 - 15
	NEMA Transtecno - By Weg - Motors	



SILVER ORDER

IEC MS Series

Motor asíncrono trifásico - IE1
Carcasa de Aluminio, TEFC

IE1 - Three-Phase Asynchronous motor
Aluminium Housing, TEFC

ESPECIFICACIONES BASICAS

* Potencias de 0.06 a 0.55 Kw

* 4 Polos, 50/60 Hz, 230/460V - IP55 - S1

* FS = 1.15 @ 60Hz, FS = 1.0 @ 50 Hz

* Totalmente cerrado y refrigerado por ventilador (TEFC)

BASIC SPECIFICATIONS

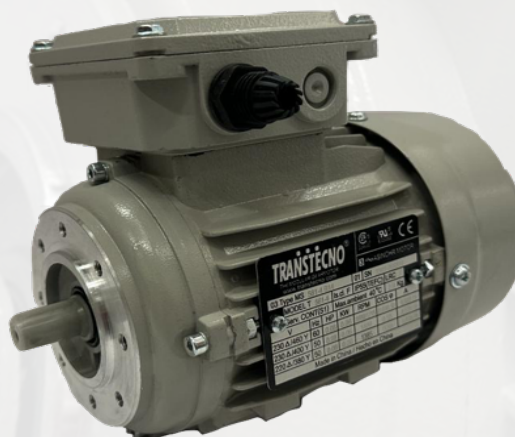
* Power ratings from 0.06 to 0.55 Kw

* 4 Poles, 50/60 Hz, 230/460V - IP55 - S1

* FS = 1.15 @ 60Hz, FS = 1.0 @ 50 Hz

* Totally Enclose Fan Cooled (TEFC)

MOTORES IEC / IEC MOTOR	Modelo	Potencia/Power		Velocidad	Eff			Factor de Potencia
	Model	KW	HP	Speed (RPM)	100%	75%	50%	Power Factor
	MS 561-4	0.06	0.08	1400/1750	52.8	47.7	38.7	0.55
	MS 562-4	0.09	0.12	1400/1750	56.2	51.7	43.1	0.59
	MS 563-4	0.12	0.16	1400/1750	58.5	54.3	45.6	0.61
	MS 631-4	0.12	0.16	1400/1750	58.5	54.3	45.6	0.61
	MS 632-4	0.18	0.25	1400/1750	64.2	62.5	55.9	0.64
	MS 633-4	0.25	0.33	1400/1750	68.3	67.5	62.1	0.66
	MS 634-4	0.37	0.50	1400/1750	64.2	62.5	55.9	0.66
	MS 711-4	0.25	0.33	1400/1750	65.1	63.1	55.8	0.73
	MS 712-4	0.37	0.50	1400/1750	68.6	68.2	62.9	0.74
	MS 713-4	0.55	0.75	1400/1750	71.9	71.6	66.8	0.72
	MS 801-4	0.55	0.75	1400/1750	70.9	70.5	65.5	0.74

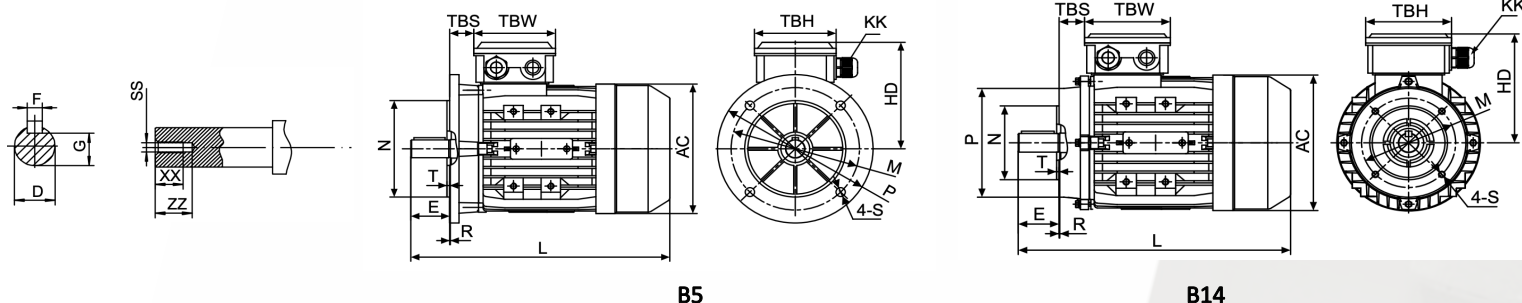


SILVERORDER

**IEC
MS Series**

Motor asíncrono trifásico - IE1
Carcasa de Aluminio, TEFC

IE1 - Three-Phase Asynchronous motor
Aluminium Housing, TEFC



GENERAL						
Tamaño de carcasa	HD	AC	L	TBS	TBW	TBH
56	96	Φ 110	193	14	88	88
63	106	Φ 121	217	14	94	94
71	113	Φ 139	241 (255)	20	94.00	94
80	131	Φ 156	290	27	105.00	105

SHAFT							
Tamaño de carcasa	D	E	F	G	SS	XX	ZZ
56	Φ 9	20	3	7.2	M4	9	12
63	Φ 11	23	4	8.5	M4	10	14
71	Φ 14	30	5	11.00	M5	12	17
80	Φ 19	40	6	15.50	M6	16	21

B5							B14					
Tamaño de carcasa	N	M	P	S	T	R	N	M	P	S	T	R
56	Φ 80	Φ 100	Φ 120	Φ 7	3	0	Φ 60	Φ 65	Φ 80	M5	2.5	0
63	Φ 95	Φ 115	Φ 140	Φ 10	3	0	Φ 60	Φ 75	Φ 90	M5	2.5	0
71	Φ 110	Φ 130	Φ 160	Φ 10	3.50	0	Φ 70	Φ 85	Φ 105	M6	2.5	0
80	Φ 130	Φ 165	Φ 200	Φ 12	3.50	0	Φ 80	Φ 100	Φ 120	M6	3	0

SILVER ORDER

IEC

T3A Series Eficiencia IE3 / Efficiency IE3

Motor asíncrono trifásico
Carcasa de Aluminio, TEFC

Three-Phase Asynchronous motor
Aluminium Housing, TEFC

ESPECIFICACIONES BASICAS

- * Potencias de 0.75 a 22 Kw, IP55
- * 4 Polos, 50/60 Hz, 230/460V - S1
- * FS = 1.15 @ 60Hz, FS = 1.0 @ 50 Hz
- * Totalmente cerrado y refrigerado por ventilador (TEFC)

BASIC SPECIFICATIONS

- * Power ratings from 0.75 to 22 Kw, IP55
- * 4 Poles, 50/60 Hz, 230/460V - S1
- * FS = 1.15 @ 60Hz, FS = 1.0 @ 50 Hz
- * Totally Enclose Fan Cooled (TEFC)

	Modelo	Potencia/Power		Velocidad	Eff			Factor de Potencia
	Model	KW	HP	Speed (RPM)	100%	75%	50%	Power Factor
MOTORES IEC / IEC MOTOR	T3A 802-4	0.75	1.00	1400/1750	82.5	82.5	80.1	0.69
	T3A 803-4	1.10	1.50	1400/1750	84.1	84.9	93.7	0.74
	T3A 90S-4	1.10	1.50	1400/1750	84.1	84.2	82.9	0.73
	T3A 90L1-4	1.50	2.00	1400/1750	85.3	85.5	84.1	0.74
	T3A 100L1-4	2.20	3.00	1400/1750	86.7	87.1	86.2	0.8
	T3A 100L2-4	3.00	4.00	1400/1750	87.7	88	86.9	0.78
	T3A 100L3-4	4.00	5.50	1400/1750	87.7	88	86.9	0.78
	T3A 112M-4	4.00	5.50	1400/1750	88.6	88.8	88.2	0.82
	T3A 112M2-4	5.50	7.50	1400/1750	89.6	89.9	89.1	0.8
	T3A 132S-4	5.50	7.50	1400/1750	89.6	89.8	89.4	0.84
	T3A 132M-4	7.50	10.00	1400/1750	90.4	90.9	90.3	0.84
	T3A 132M2-4	9.20	12.50	1400/1750	90.8	91.3	90.7	0.82
	T3A 132M3-4	11.00	15.00	1400/1750	91.4	92	91.6	0.84
	T3A 160M-4	11.00	15.00	1400/1750	91.4	91.7	89.8	0.83
	T3A 160L1-4	15.00	20.00	1400/1750	92.1	92.3	91.3	0.85
	T3A 160L2-4	18.50	25.00	1400/1750	92.1	92.3	91.3	0.85
	T3A 180M-4	18.50	25.00	1400/1750	92.6	92.8	92.1	0.86

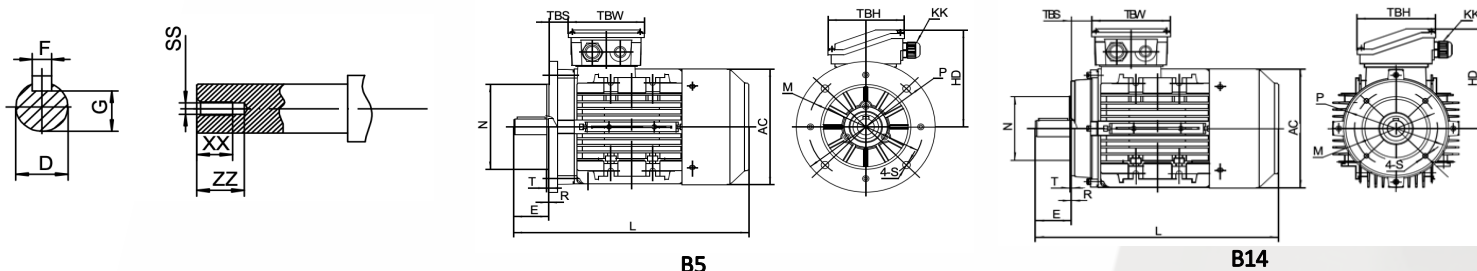


T3A Series

Eficiencia IE3 / Efficiency IE3

Motor asíncrono trifásico
Carcasa de Aluminio, TEFC

Three-Phase Asynchronous motor
Aluminium Housing, TEFC



GENERAL						
Tamaño de carcasa	HD	AC	L	TBS	TBW	TBH
80	134	Φ 157	277	26.5	109	109
90	145	Φ 177	313/338	28.5	109	109
100	160	Φ 199	376	32	118	118
112	171	Φ 220	397	33	118	118
132.00	191	Φ 261	460/498	36.5	118	118
160.00	231	Φ 314	616/660	64	148	148
180.00	260	Φ 368	730	73	190	190

SHAFT							
Tamaño de carcasa	D	E	F	G	SS	XX	ZZ
80	Φ 19	40	6	15.5	M6	16	21
90	Φ 24	50	8	20	M8	19	25
100	Φ 28	60	8	24	M10	22	30
112	Φ 28	60	8	24	M10	22	30
132	Φ 38	80	10	33	M12	28	37
160	Φ 42	110	12	37	M16	36	45
180	Φ 48	110	14	42.5	M16	36	45

Tamaño de carcasa	B5						B14					
	N	M	P	S	T	R	N	M	P	S	T	R
80	Φ 130	Φ 165	Φ 200	Φ 12	3.5	0	Φ 80	Φ 100	Φ 120	M6	3.0	0
90	Φ 130	Φ 165	Φ 200	Φ 12	3.5	0	Φ 95	Φ 115	Φ 140	M8	3.0	0
100	Φ 180	Φ 215	Φ 250	Φ 15	4	0	Φ 110	Φ 130	Φ 160	M8	3.5	0
112	Φ 180	Φ 215	Φ 250	Φ 15	4	0	Φ 110	Φ 130	Φ 160	M8	4	0
132	Φ 230	Φ 265	Φ 300	Φ 15	4	0	Φ 130	Φ 165	Φ 200	M10	4	0
160	Φ 250	Φ 300	Φ 350	Φ 19	5	0	Φ 180	Φ 215	Φ 250	M12	4	0
180	Φ 250	Φ 300	Φ 350	Φ 19	5	0	-	-	-	-	-	-

MSB Series

Motores con Freno / Brake Motors

Motor asíncrono trifásico - IE1
Motores de freno con jaula de ardilla
Carcasa de Aluminio, TEFC

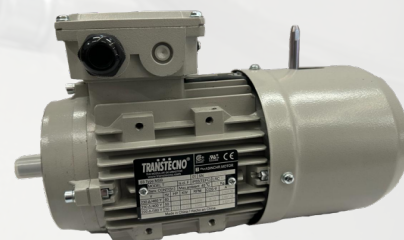
IE1 - Three-Phase Asynchronous motor
Brake Motors With Squirrel Cage
Aluminium Housing, TEFC

ESPECIFICACIONES BASICAS	BASIC SPECIFICATIONS
* Potencias de 0.25 a 7.5 Kw, IP55	* Power ratings from 0.25 to 7.5 Kw, IP55
* 4 Polos, 60 Hz, 230/460V - S1	* 4 Poles, 60 Hz, 230/460V - S1
* FS = 1.15 @ 60Hz	* FS = 1.15 @ 60Hz
* Totalmente cerrado y refrigerado por ventilador (TEFC)	* Totally Enclose Fan Cooled (TEFC)

INTORQ BRAKE DATA

Tamaño de Armazon	Tipo de freno	Torque del Freno	Potencia nominal de frenado	Tiempo de retardo al encendido
Frame Size	Brake Type	Brake Torque (100 RPM) (Nm)	Brake rated power (20°C) (W)	Delay time when power on (ms)
56-71	06	4	20	10
80	08	8	25	15
90	10	16	30	31
100	12	32	40	39
112	14	60	50	26
132	16	60	55	40

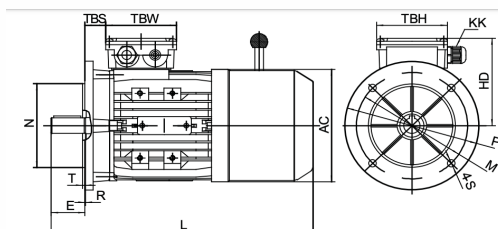
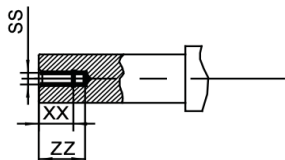
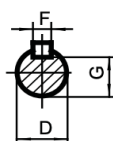
Tamaño de Armazon	Tiempo de frenado	Tiempo de desconexión
Frame Size	Brake Time (ms)	Pick in time when power off (ms)
56-71	23	52
80	31	60
90	50	65
100	64	145
112	51	205
132	70	258



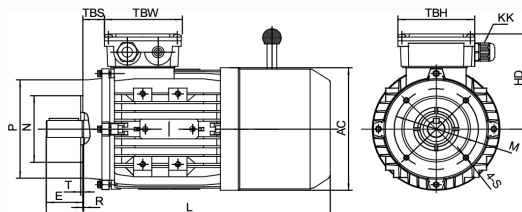
MOTORES IEC / IEC MOTOR	Modelo	Potencia/Power		Velocidad	Eff			Factor de Potencia
	Model	KW	HP	Speed (RPM)	100%	75%	50%	Power Factor
	MS 711-4 BRAKE	0.25	0.33	1400/1750	65.1	63.1	55.8	0.73
	MS 712-4 BRAKE	0.37	0.50	1400/1750	68.6	68.2	62.9	0.74
	MS 713-4 BRAKE	0.55	0.75	1400/1750	74.6	75.7	73.3	0.79
	MS 801-4 BRAKE	0.55	0.75	1400/1750	71.9	71.6	66.8	0.72
	MS 802-4 BRAKE	0.75	1.00	1400/1750	74.4	76	73.9	0.76
	MS 803-4 BRAKE	1.10	1.50	1400/1750	74.6	75.7	73.3	0.79
	MS 90L1-4 BRAKE	1.50	2.00	1400/1750	75.5	76.7	74.4	0.78
	MS 90L2-4 BRAKE	2.20	3.00	1400/1750	79.6	80.2	78	0.76
	MS 100L3-4 BRAKE	4.00	5.50	1400/1750	78.9	79.4	77	0.75
	MS 112L-4 BRAKE	5.50	7.50	1400/1750	85.9	87.1	86.6	0.82
	MS 132M-4 BRAKE	7.50	10.00	1400/1750	87.6	88.8	88.5	0.87
	MS 132L1-4 BRAKE	9.20	12.50	1400/1750	88.6	89.5	89.1	0.87
	MS 132L2-4 BRAKE	11.00	15.00	1400/1750	90.1	91.1	91	0.86



MSB Series Motores con Freno / Brake Motors



B5



B14

GENERAL						
Tamaño de carcasa	HD	AC	L	TBS	TBW	TBH
71	113	Φ 139	287/301	20	94	94
80	131	Φ 156	304	27	105	105
90	138	Φ 175	356	30	105	105
100	148	Φ 196	434/452	26	105	105
112	166	Φ 221	465	32	112	112
132	184	Φ 256	518	38	112	112

SHAFT							
Tamaño de carcasa	D	E	F	G	SS	XX	ZZ
71	Φ 14	30	5	11	M5	12	17
80	Φ 19	40	6	16	M6	16	21
90	Φ 24	50	8	20	M8	19	25
100	Φ 28	50	8	24	M10	22	30
112	Φ 28	60	8	24	M10	22	30
132	Φ 38	80	10	33	M12	28	37

Tamaño de carcasa	B5						B14					
	N	M	P	S	T	R	N	M	P	S	T	R
71	Φ 110	Φ 130	Φ 160	Φ 10	3.5	0	Φ 70	Φ 85	Φ 105	M6	2.5	0
80	Φ 130	Φ 165	Φ 200	Φ 12	3.5	0	Φ 80	Φ 110	Φ 120	M6	3	0
90	Φ 130	Φ 165	Φ 200	Φ 12	4	0	Φ 95	Φ 115	Φ 140	M8	3	0
100	Φ 180	Φ 215	Φ 215	Φ 15	4	0	Φ 110	Φ 130	Φ 160	M8	3.5	0
112	Φ 180	Φ 215	Φ 215	Φ 15	4	0	Φ 110	Φ 130	Φ 160	M8	3.5	0
132	Φ 230	Φ 265	Φ 215	Φ 15	4	0	Φ 130	Φ 165	Φ 200	M10	3.5	0

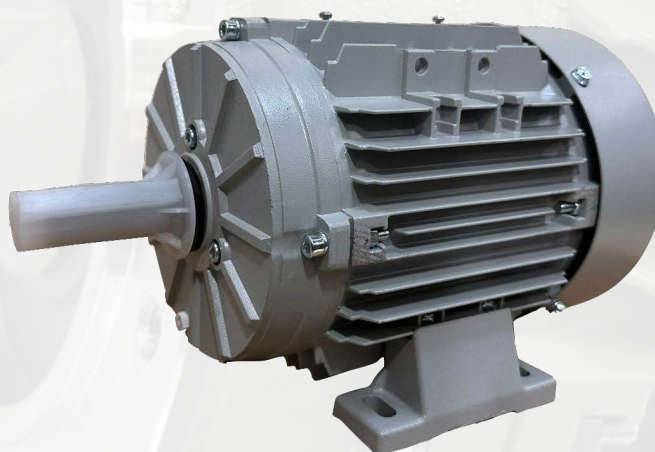
SILVER ORDER

NEMA

MOTORES 4 POLOS / 3PH MOTORS

ESPECIFICACIONES BASICAS	BASIC SPECIFICATIONS
ARMAZON DE ALUMINIO PINTURA GRIS TRANSTECNO	ALUMINIUM FRAME TRANSTECNO GREY PAINT
TOTALMENTE CERRADO REFRIGERADO POR VENTILADOR	TOTALLY ENCLOSED, FAN-COOLED
AISLAMIENTO CLASE AND CERTIFICACIÓN IP55	INSULATION CLASS F AND CERTIFIED IP55
PLACA DE DATOS EN INGLES	DATA PLATE IN ENGLISH
POLOS 4, VOLTAJE 208-230/460, FR 50/60Hz	4 POLES, VOLTAGE 208-230/460, FR 50/60Hz
FACTOR DE SERVICIO: 1.25	SERVICE FACTOR: 1.25
SERVICIO CONTINUO EN AMBIENTE: 40°C	CONTINUOUS SERVICE AMBIENT: 40°C
NEMA PREMIUM APARTIR DE 1 HP	NEMA PREMIUM FROM 1 HP
RODAMIENTO DE BOLAS, NOM APARTIR DE 0.75KW	BALL BEARING, NOM FROM 0.75KW
...C (Brida C) / T (Base) / TC (Base y Brida C)	...C (C Flange) / T (Foot) / TC (Foot y C Flange)

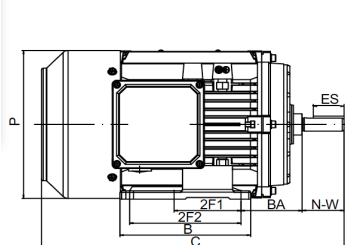
MOTORES NEMA / NEMA MOTOR	Modelo	Potencia		Carga Completa / Full Load			
	Model	Power		Velocidad	Eficiencia	Factor Potencia	Torque
		KW	HP	Speed	Efficiency	Power Factor	
				(RPM)	100%	100%	LB-FT
	56...1/4U4B-TFA	0.18	0.25	1750	70	58	0.72
	56...1/3U4B-TFA	0.25	0.33	1750	74	63	1
	56...1/2U4B-TFA	0.33	0.5	1750	78.5	66	1.49
	56...3/4U4B-TFA	0.55	0.75	1750	81.5	68	2.21
	56...1U4B-TXA	0.75	1	1744	85.5	69	3.03
	56...1 1/2U4B-TXA	1.1	1.5	1745	86.5	72	4.47
	145...2U4B-TXA	1.5	2	1740	86.5	76	6.07
	182...3U4B-TXA	2.25	3	1760	89.5	81	8.81
	184...5U4B-TXA	3.75	5	1750	89.5	84	6.18
	213...7.5U4B-TXA	5.6	7.5	1765	91.7	85	21.95
	215...10U4B-TXA	7.5	10	1760	92.7	86	30.02



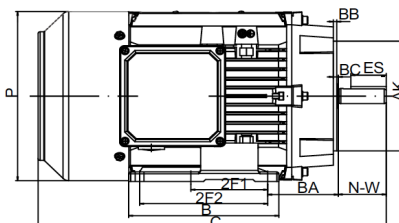
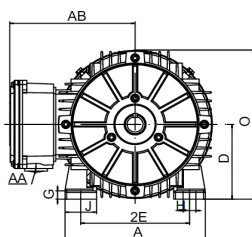
SILVERORDER

NEMA

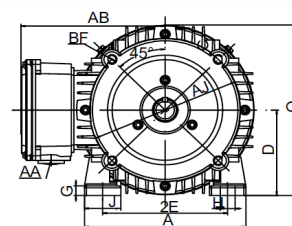
MOTORES 4 POLOS / 3PH MOTORS



56H



56

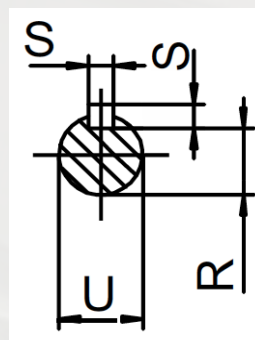


GENERAL						
Tamaño de carcasa	AA	G	J	AB	O	P
56	1/2-14NPT	0.43	1.37	5.2	6.6	6.2
56H	1/2-14NPT	0.39	1.41	5.65	7	6.95

SHAFT					BEARINGS	
Tamaño de carcasa	U	N-W	R	ES	S	
56	0.625	1.875	0.517	1.375	0.1875	6204
56H	0.625	1.875	0.517	1.375	0.1875	6204

FOOT MOUNTING							
Tamaño de carcasa	A	B	D	2E	2F1	2F2	BA
56	6.3	3.95	3.5	4.88	3	-	2.75
56H	6.3	5.9	3.5	4.88	3	5	2.75

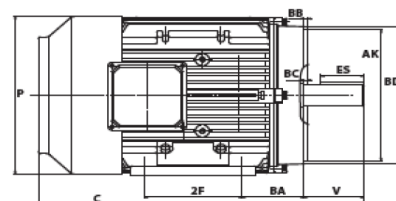
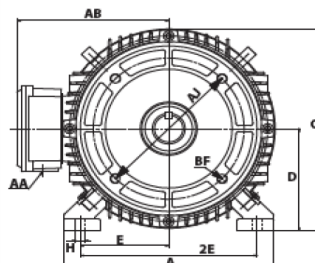
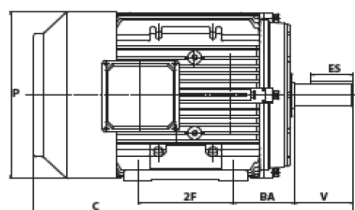
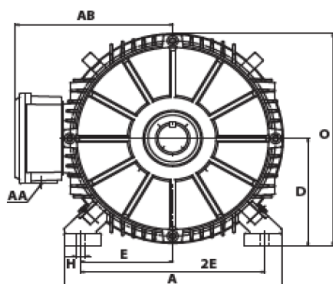
C-FACE				
Tamaño de carcasa	AJ	AK	BB	BC
56	5.875	4.5	0.16	-0.19
56H	5.875	4.5	0.16	-0.19



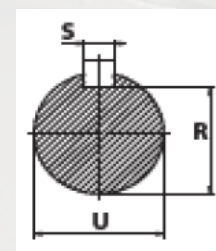
SILVERORDER

NEMA

MOTORES 4 POLOS / 3PH MOTORS



Tamaño de carcasa	A	AA	AB	AJ	AK	BA	BB	BC	BD	BF
145T	7.1	3/4	5.5	-	-	2.25	-	-	-	-
145TC				5.875	4.5		0.16	0.125	-	4 X 3/8
182T	9.05	3/4	6.6	-	-	2.75	-	-	-	-
182TC				7.25	8.5		0.25	0.19	8.95	4 X 1/2-13
184T				-	-		-	-	-	-
184TC				7.25	8.5		0.25	0.19	8.95	4 X 1/2-13
213T	10.1	1	7.3	-	-	3.5	-	-	-	-
213TC				7.25	8.5		0.25	0.25	8.95	4 X 1/2-13
215T				-	-		-	-	-	-
215TC				7.25	8.5		0.25	0.25	8.95	4 X 1/2-13



Tamaño de carcasa	C	D	E	ES	2E	2F	H	O	P	R	S	U	V
145T	13.8	3.5	2.75	1.41	5.5	5	.5 X .34	7	6.93	0.771	0.188	0.875	2.25
145TC						5							
182T	16.3	4.5	3.75	1.78	7.5	4.5	.59 X .43	-	8.85	0.986	0.25	1.125	2.75
182TC						4.5							
184T						5.5							
184TC						5.5							
213T	18.5	5.25	4.25	2.41	8.5	5.5	10.4	10.3	1.201	0.312	1.375	3.38	
213TC						5.5							
215T	20					7							
215TC						7							

SILVER ORDER

NEMA

MOTOR 4 POLOS / 4 POLE MOTOR

TRANSTECNO BY WEG

ESPECIFICACIONES BASICAS

DISEÑO ELECTRICO: NEMA B
ARMAZON DE LAMINA ROLADA
TOTALMENTE CERRADO REFRIGERADO POR VENTILADOR
PINTURA GRIS TRANSTECNO
PLACA DE DATOS EN INGLES
AISLAMIENTO CLASE F
CERTIFICACIÓN: IP55
POLOS 4, VOLTAJE 208-230/460, FR 50/60Hz
FACTOR DE SERVICIO: 1.25
SERVICIO CONTINUO EN AMBIENTE: 40°C
NEMA PREMIUM APARTIR DE 1 HP
RANGO DE INVERSOR: 15:1
RODAMIENTO DE BOLAS

BASIC SPECIFICATIONS

ELECTRIC DESIGN: NEMA B
ROLLED SHEET FRAME
TOTALLY ENCLOSED, FAN-COOLED
TRANSTECNO GREY PAINT
DATA PLATE IN ENGLISH
INSULATION CLASS: F
CERTIFIED : IP55
4 POLES, VOLTAGE 208-230/460, FR 50/60Hz
SERVICE FACTOR: 1.25
CONTINUOUS SERVICE AMBIENT: 40°C
NEMA PREMIUM FROM 1 HP
INVERTER RANGE: 15:1
BALL BEARING

MOTORES NEMA / NEMA MOTOR	Modelo	Armazon	Potencia		Carga Completa / Full Load			
	Model	Frame	Power		Velocidad	Eficiencia	Factor Potencia	Torque
			KW	HP	Speed	Efficiency	Power Factor	
					(RPM)	100%	100%	LB-FT
	15536960	56C	0.25	0.33	1765	74	68	1
	13268079	56C	0.37	0.5	1760	77	70	1.49
	13268080	56C	0.55	0.75	1755	78.5	72	2.21
	13268081	56C	0.75	1	1765	85.5	75	3
	13268082	56C	1.1	1.5	1750	86.5	79	4.47
	13268083	56C	1.5	2	1745	86.5	80	6.07

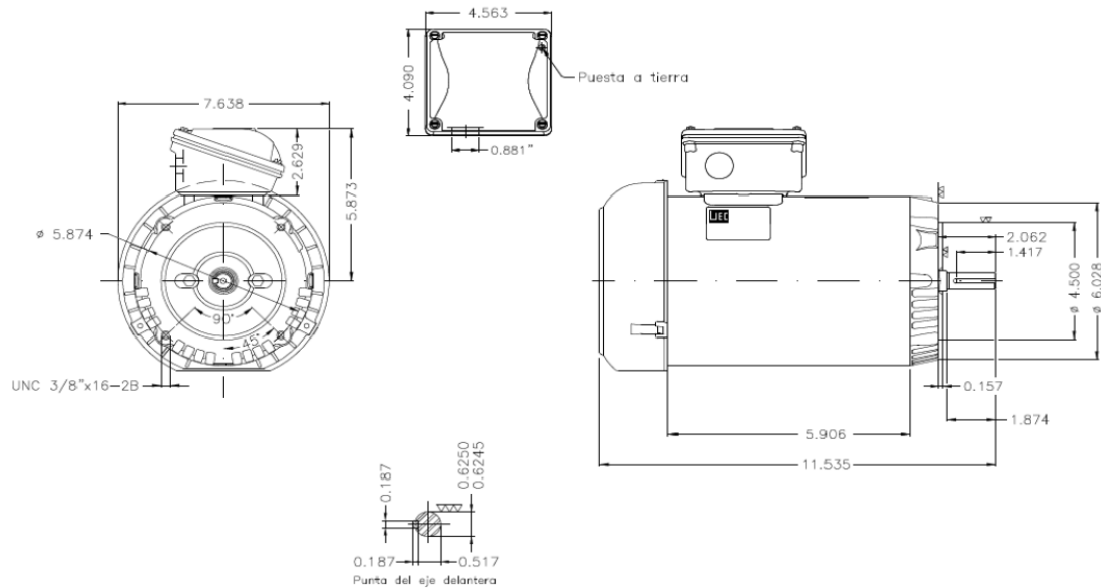


SILVERORDER

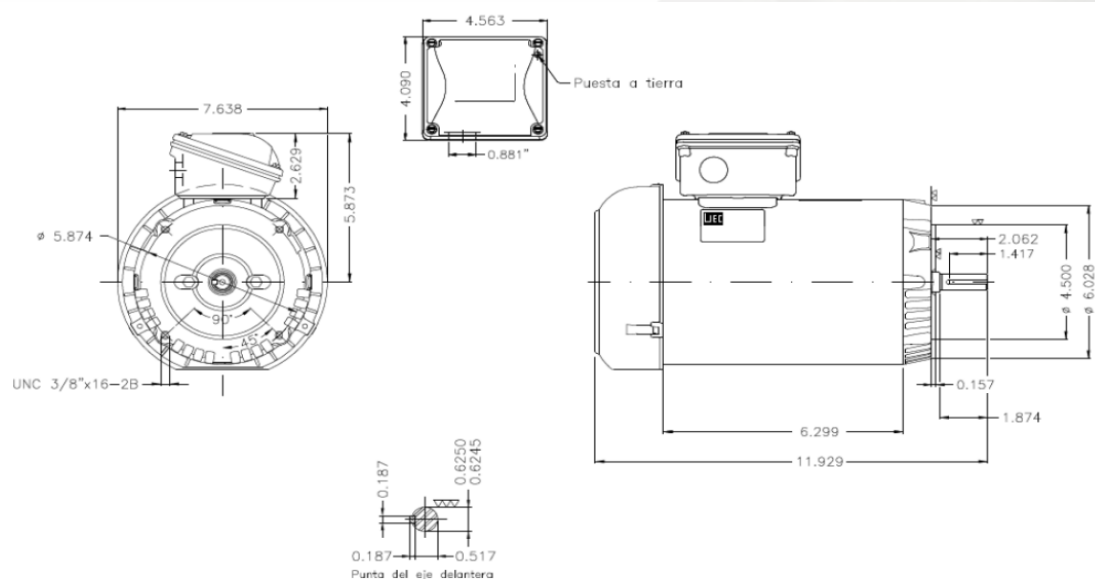
NEMA

MOTOR 4 POLOS / 4 POLE MOTOR

15536960 / 13268079



13268080

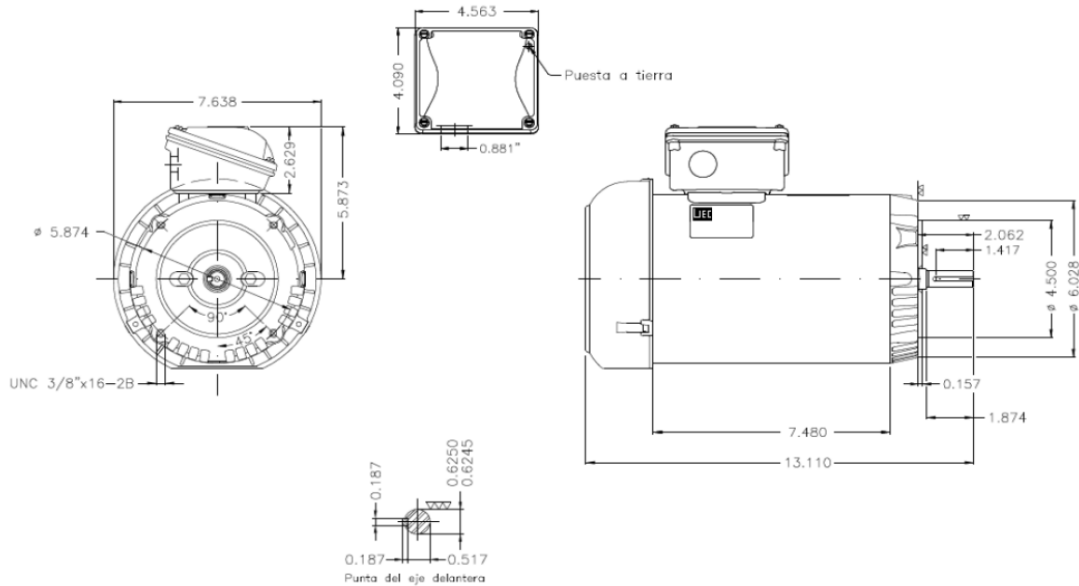


SILVERORDER

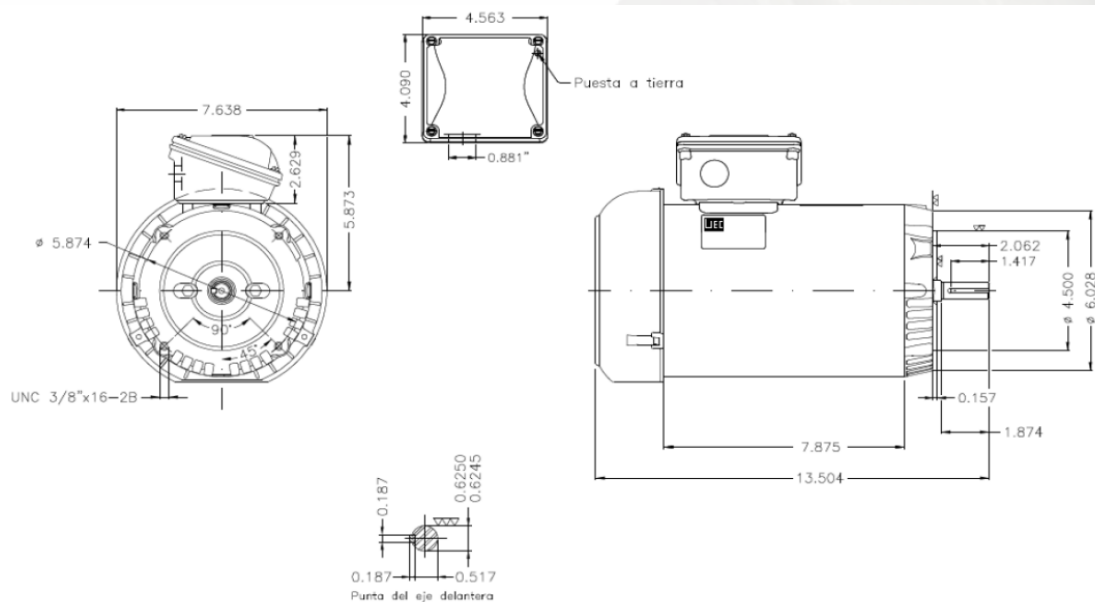
NEMA

MOTOR 4 POLOS / 4 POLE MOTOR

13268081



13268082



SILVER *ORDER*

NEMA

MOTOR 4 POLOS / 4 POLE MOTOR

13268083

