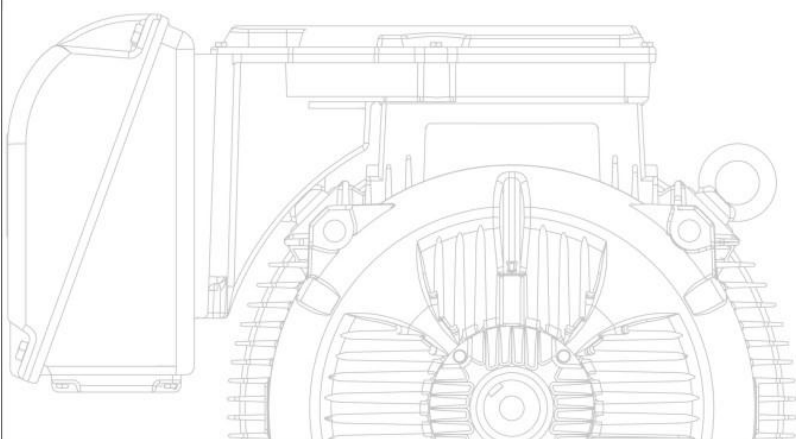


Motores Trifásicos

Línea W22



Motores de Baja Tensión - IE1

Características Técnicas

Potencia HP	Carcasa IEC	RPM	Corriente nominal en 380V A	Corriente con rotor bloqueado Ip/In	Momento nominal Cn Nm	Momento con rotor bloqueado Cp / Cn	Momento máximo Cmáx. Cn.	Rendimiento η %			Factor de potencia Cos φ			Momento de inercia J Kgm ²	Tiempo máximo con rotor bloqueado		Peso aprox. (Kg.)	Ruido	
								% de la potencia nominal							Caliente	Frio			
KW								50	75	100	50	75	100						
2 Polos - 3000 rpm - 50 Hz																			
30	22	180M	2935	41.8	7.30	71.60	2.0	2.8	90.7	91.0	90.9	0.76	0.84	0.88	0.0867	7	15	156	67
40	30	200L	2960	57.2	6.30	96.79	2.1	2.4	91.6	92.0	91.6	0.76	0.84	0.87	0.1532	18	40	220	72
50	37	200L	2950	70.2	6.50	119.64	2.2	2.4	92.0	92.5	92	0.76	0.84	0.87	0.1780	16	35	232	72
60	45	225S/M	2955	82.1	6.90	142.38	2.0	2.8	91.9	92.5	92.5	0.82	0.88	0.90	0.31392	10	22	356	75
75	55	250S/M	2955	100	6.70	177.97	2.0	2.7	92.3	92.9	92.5	0.83	0.88	0.90	0.37671	12	26	413	75
100	75	280S/M	2970	138	6.80	236.10	1.8	2.8	92.7	93.5	93.1	0.81	0.88	0.89	1.08257	28	62	630	77
125	90	280S/M	2970	162	7.00	295.12	2.0	2.8	93.1	93.7	93.5	0.83	0.89	0.90	1.17670	20	44	864	77
150	110	315S/M	2975	200	6.80	353.56	1.8	2.7	93.6	94.4	93.9	0.82	0.87	0.89	1.41204	26	57	848	77
175	132	315S/M	2975	237	6.70	412.48	1.8	2.6	93.8	94.2	94.1	0.83	0.88	0.90	1.64738	24	53	879	77
220	160	315S/M	2975	283	7.60	517.55	2.0	2.8	94.2	94.5	94.4	0.83	0.89	0.91	2.11806	21	46	950	77
250	185	315S/M	2975	334	7.70	589.26	2.0	2.8	94.6	94.6	94.5	0.80	0.86	0.89	1.96219	14	31	993	77
270	200	315S/M	2975	353	7.70	636.40	2.1	2.8	94.5	94.7	94.5	0.83	0.88	0.91	2.03221	17	37	1135	77
300	220	315L	2975	389	8.00	707.11	2.3	2.8	94.6	94.8	94.5	0.84	0.89	0.91	3.21200	14	31	1224	78
300	220	355M/L	2985	375	7.70	705.93	1.8	2.8	94.5	94.8	95.0	0.89	0.92	0.93	4.88184	20	44	1496	80
340	250	315L	2975	442	7.90	801.39	2.4	2.8	95.5	94.8	94.5	0.85	0.89	0.91	5.38663	14	31	1316	78
340	250	355M/L	2980	425	7.90	800.05	2.1	2.8	94.5	94.9	96.0	0.90	0.92	0.93	5.38663	20	44	1592	80
380	280	315L	2975	500	8.50	895.67	2.8	2.8	94.6	94.8	94.6	0.86	0.89	0.90	3.21200	14	31	1443	78
380	280	355M/L	2975	500	7.60	895.67	2.0	2.6	94.6	94.9	94.6	0.86	0.89	0.90	3.212	17	37	1663	80
430	315	355M/L	2980	555	7.80	1011.83	2.1	2.6	94.2	94.8	94.8	0.88	0.91	0.91	4.01450	22	48	1770	80
482	355	355M/L	2980	627	7.90	1134.19	2.2	2.8	94.6	94.8	94.6	0.88	0.91	0.91	4.01450	14	31	1830	80

4 Polos - 1500 rpm - 50 Hz

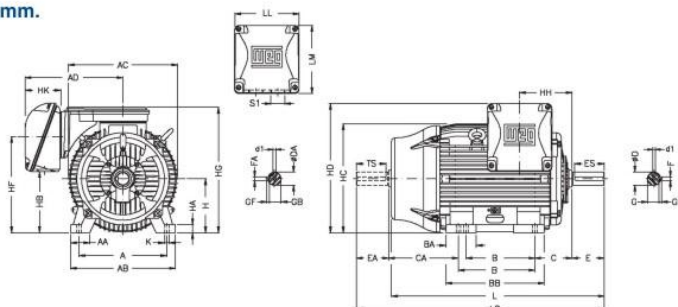
25	18.5	180M	1465	37.1	6.6	120.62	2.4	2.8	89.7	90.4	90.2	0.67	0.77	0.84	0.1398	12	26	152	61
30	22	180L	1465	43.9	6.6	143.18	2.4	2.9	90.0	90.8	90.7	0.66	0.77	0.84	0.1557	10	22	164	61
40	30	200L	1470	59.3	6.3	195.15	2.1	2.6	91.3	91.7	91.5	0.68	0.78	0.84	0.2868	13	29	212	65
50	37	225S/M	1470	70.3	6.7	238.10	2.3	2.7	92.3	92.4	91.9	0.77	0.85	0.87	0.55990	10	22	342	66
60	45	225S/M	1470	85.1	6.9	285.72	2.4	2.7	92.5	92.2	92.3	0.76	0.85	0.87	0.66488	10	22	363	66
75	55	250S/M	1470	101	6.5	357.15	2.1	2.5	93.10	93.1	92.7	0.79	0.87	0.89	0.87484	12	26	431	66
100	75	280S/M	1480	139	6.5	472.99	2.0	2.6	93.3	93.5	93.3	0.79	0.85	0.88	1.84681	22	48	639	69
125	90	280S/M	1480	166	7.2	591.24	2.1	2.8	93.6	93.9	93.6	0.79	0.85	0.88	2.15739	20	44	673	69
150	110	315S/M	1490	205	6.4	707.11	2.0	2.4	93.8	94.3	93.9	0.79	0.85	0.87	2.56947	26	57	887	71
175	132	315S/M	1490	245	6.9	824.96	2.3	2.4	94.2	94.5	94.2	0.78	0.85	0.87	3.21184	22	48	953	71
220	160	315S/M	1490	296	7.3	1037.10	2.4	2.5	94.4	94.7	94.4	0.77	0.84	0.87	3.77391	18	40	1012	71
250	185	315S/M	1490	342	6.9	1178.52	2.4	2.3	94.5	94.7	94.4	0.78	0.84	0.87	3.63437	17	37	1071	71
270	200	315S/M	1490	365	6.9	1272.80	2.4	2.3	94.5	94.7	94.5	0.79	0.86	0.88	3.77391	16	35	1216	76
300	220	315L	1490	406	7.7	1414.22	2.6	2.4	94.7	94.9	94.7	0.78	0.85	0.87	4.59811	14	40	1414	76
300	220	355M/L	1485	394	6.4	1414.22	2.0	2.2	94.5	95.2	95.4	0.82	0.87	0.89	6.88507	18	31	1330	74
340	250	315L	1490	461	7.8	1602.78	2.7	2.5	95.4	94.9	94.7	0.79	0.85	0.87	8.12016	12	31	1488	76
340	250	355M/L	1485	446	6.8	1602.78	2.4	2.4	94.5	95.2	95.7	0.82	0.87	0.89	8.12016	14	26	1399	74
380	280	315L	1490	516	7.9	1791.35	2.7	2.5	95.6	95.0	94.8	0.77	0.84	0.87	9.02240	12	31	1561	76
380	280	355M/L	1465	499	6.5	1791.35	2.1	2.1	95.1	95.6	95.7	0.83	0.88	0.89	9.02240	14	26	1496	74
430	315	355M/L	1485	581	7.2	2027.05	2.4	2.4	94.8	94.7	94.7	0.78	0.85	0.87	9.32079	14	26	1620	76
482	355	355M/L	1490	655	6.9	2272.18	2.4	2.3	94.7	94.9	94.7	0.78	0.85	0.87	11.68130	15	33	1709	76
500	370	355M/L	1490	675	7.3	2357.03	2.6	2.4	95.0	95.1	94.7	0.78	0.85	0.87	10.82688	11	24	1888	76
550	400	355M/L	1490	729	7.3	2592.74	2.6	2.4	94.7	95.0	94.7	0.80	0.86	0.88	10.82688	11	24	1888	76

6 Polos - 1000 rpm - 50 Hz

20	15	180L	970	29.7	6.8	148.08	2.3	2.7	88.0	88.5	88.2	0.72	0.82	0.87	0.2299	6	13	166	56
25	18.5	200L	975	38.5	5.7	181.42	2.1	2.4	88.3	89.3	88.9	0.64	0.76	0.82	0.2989	12	26	190	60
30	22	200L	975	44.9	6.0	215.75	2.2	2.4	89.5	90.0	89.7	0.67	0.77	0.83	0.3692	13	29	218	60
40	30	225S/M	980	57.8	6.8	285.24	2.1	2.7	91.2	91.3	90.7	0.78	0.85	0.87	0.94136	12	26	359	62
50	37	250S/M	980	70.9	6.7	356.55	2.1	2.4	91.9	91.7	91.2	0.77	0.85	0.87	1.15666	14	31	425	62
60	45	280S/M	980	87.5	6.0	424.86	1.9	2.3	92.3	92.5	91.9	0.74	0.82	0.88	2.06842	18	40	576	69
75	55	280S/M	980	104	6.0	534.82	1.9	2.2	93.0	92.7	92.3	0.78	0.85	0.87	2.41316	20	44	607	69
100	75	315S/M	990	144	6.4	709.49	2.0	2.4	93.5	93.4	92.9	0.73	0.81	0.85	3.21755	22	48	837	69
125	90	315S/M	990	175	6.2	886.86	2.0	2.2	93.7	93.6	93.1	0.74	0.83	0.84	3.56503	18	40	883	69
150	110	315S/M	989	212	6.2	1064.24	2.0	2.2	93.6	93.7	93.7	0.74	0.83	0.84	4.82632	20	44	941	69
175	132	315S/M	985	245	6.2	1241.61	2.1	2.2	94.3	94.2	93.9	0.78	0.85	0.87	5.28596	18	40	1012	69
220	160	315L	985	307	6.5	1580.88	2.2	2.3	94.3	94.4	94.2	0.73	0.81	0.84	9.53120	14	31	1203	73
220	160	355M/L	985	304	5.6	1580.88	1.8	1.8	93.5	95.2	95.2	0.73	0.80	0.84	9.93742	32	70	1416	75
250	185	315L	990	354	7.1	1773.73	2.3	2.4	94.4	94.5	94.4	0.74	0.81	0.84	8.60380	12	26	1346	73
250	185	355M/L	990	357	6.0	1773.73	2.2	2.0	93.5	94.4	94.8	0.73	0.80	0.83	10.39963	30	66	1530	75
270	200	315L	990	383	7.3	1915.63	2.4	2.5	94.5	94.6	94.4	0.74	0.82	0.84	12.01735	12	26	1488	73
270	200	355M/L	990	386	6.0	1915.63	2.0	2.0	94.0	94.7	94.8	0.74	0.81	0.83	12.01735	32	70	1600	75
300	220	315L	990	421	6.8	2128.47	2.3	2.3	94.6	94.7	94.5	0.74	0.82	0.84	10.70700	15	33	1563	73
300	220	355M/L	990	428	6.4	2128.47	2.1	2.1	93.8	95.0	95.3	0.72	0.80	0.82	13.45550	30	66	1678	75
340	250	355M/L	990	490	6.0	2412.27	2.1	2.1	94.6	94.7	94.6	0.69	0.78	0.82	14.32838	32	70	1752	75
380	280	355M/L	990	548	6.2	2696.07	2.1	2.1	94.7	94.8	94.7	0.68	0.78	0.82	14.32838	28	62	1839	75
430	315	355M/L	995	609	6.2	3035.48	2.2	2.2	94.7	94.8</									

Medidas

Dimensiones en mm.



Carcasa	A	AA	AB	AC	AD	AD(*)	B	BA	BB	C	Eje													
											D	E	ES	F	G	GD	DA	EA	TS	FA	GB	GF		
180M	279	78	350	360	279		241	70	294	121	48K6	110	80	14	42.5	9	48K6	110	80	14	42.5	9		
180L							279		332															
200M	318	82	385	402	317		267	82	332	133	55m6	16	49	10	16	49	10	55	110	100	16	49	10	
200L							305		370															
225	356	80	436	455	408		286	124	412	149	55	110	100	16	49	10	55	110	100	16	49	10		
250	406	100	506	486			384		311														467	168
					349	146	467	168	65	140	125	18	58	11	60	53								
280	457		557	599	442	472	368	151	517	190	75	20	67.5	12	65	140	125	18	58	11	60	58		
							419		517														190	75
315S/M	508	120	630	657	525	530	406	184	621	216	80	170	160	22	71	14	65	140	125	18	58	11	60	58
315L							457		517															
355M/L	610	140	750	736	609	625	560	230	760	254	75	140	125	20	67.5	12	60	140	125	18	53			
							630		760													254	100	210

Carcasa	H	HA	HB	HC	HD(*)	HD	HF	HG	HH	HK	LL	LM	K	L	S1	d1	d2	Rodamientos	
																		D.E.	N.D.E.
180M	180	28	92	363	-	413	180	-	241.5	100	198	188	14.5	664	2xM40x1.5	M16	M16	6311 - C3	6211 - Z - C3
180L									260.5					702					
200M	200	30	119	405	-	464	218	-	266.5	118	228	217	18.5	729	2xM50x1.5	M20	M20	6312 - C3	6212 - Z - C3
200L									285.5					767					
225	225	34	255	453	609	550	403	523	212	143	261	292	24	856	2xM63x1.5	M20	M20	6314 - C3	
250	250	43	290	493	652	583	449	566	232					886					
										280	280	42	383	580	752	696	550	667	266
315S/M	315	48	386	644	845	768	615	744	264										
										315L	336	890	774	575	760	284	215	404	438
355M/L	355	50	426	723	980	863	665	850	340										
										1412	6316 - C3	6314 - C3							
														1482		M24		NU-322-C3	6319 - C3

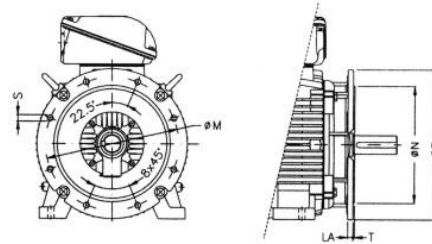
* Dimensiones Aplicables para posición de montaje B3T



Motores Trifásicos - IPW55

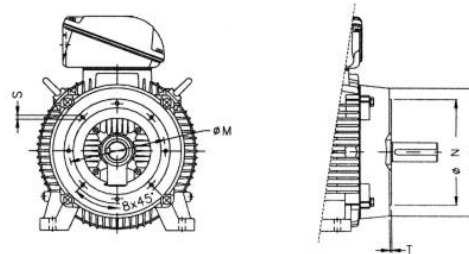
Brida "FF" - Dimensiones en mm.

Carcasa	Brida	LA	M	N	P	S	T	α	Cantidad de Agujeros
180	FF-300	18	300	250	350	19	5	45°	4
200	FF-350		350	300	400				
225S/M	FF-400		400	350	450				
250S/M	FF-500		500	450	550				
280S/M	FF-500	22	600	550	660	24	6	22° 30'	8
315S/M	FF-600		600	550	660				
315L	FF-600		740	680	800				
355M/L	FF-740		740	680	800				



Brida "C" - Dimensiones en mm.

Carcasa	Brida	M	N	P	S	T	α	Cantidad de Agujeros
180	FC-228	228.6	266.7	280	UNC 1/2" x13	6.3	45°	4
200								
225S/M	FC-279	279.4	317.5	395	UNC 5/8" x11	6.3	22° 30'	8
250S/M								
280S/M	FC-355	355.6	406.4	455	UNC 5/8" x11	6.3	22° 30'	8
315S/M								
315L	FC-368	368.3	419.1	455	UNC 5/8" x11	6.3	22° 30'	8
355M/L								



Dimensiones en (m.) del embalaje de madera

Carcasa	Alto	Ancho	Largo	Peso	Volumen
180	0.53	0.43	0.82	12.3	0.19
200	0.59	0.51	0.88	13.5	0.27
225S/M	0.90	0.85	1.15	51.9	0.88
250 S/M	0.90	0.85	1.25	54.6	0.96
280S/M	1.13	0.85	1.40	67.9	1.34
315S/M	1.13	0.85	1.55	69.9	1.49
315L	1.20	0.90	1.70	111	1.84
355M/L	1.32	1.05	1.73	127	2.40

Características Normales

- Protección: IPW55
- Aislación clase "F" (155° C) - ΔT 80k
- Servicio continuo
- Termistores PTC (01 x fase) a partir de carcasa 180 (inclusive)
- Líneas IE2 e IE3 bajo consulta



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