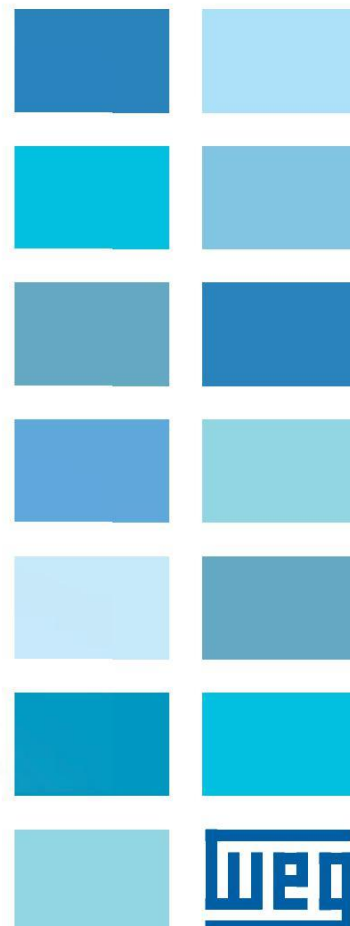
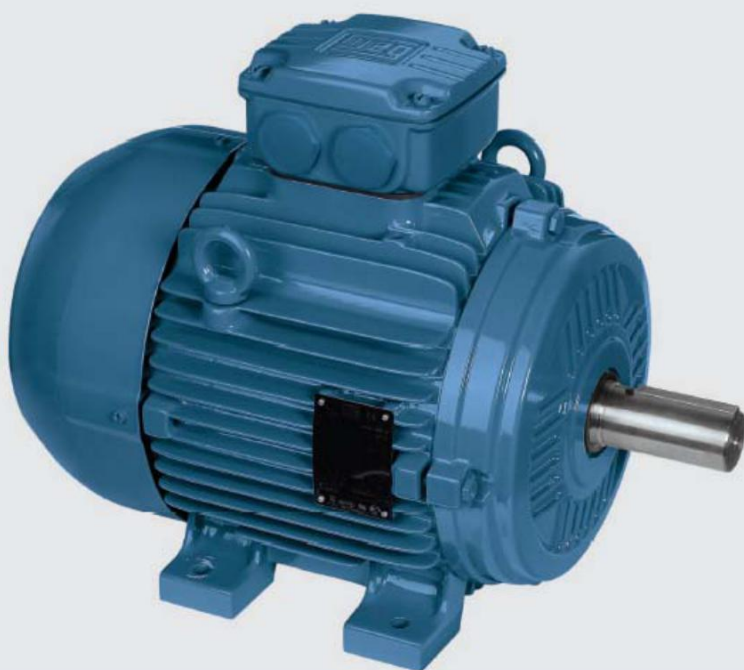


W21 MEPS SK

Premium Efficiency IE3

Reliability &
Efficiency



W21 Premium Efficiency three phase induction motor

Minimum Energy Performance Standards (MEPS)

As a consequence of need to reduce energy consumption and carbon dioxide emissions, the Ministry of Knowledge Economy (MKE) of South Korea and Korea Energy Management Corporation (KEMCO) have drafted and implemented the regulation on Energy Efficiency Labeling and Standards (MKE-2015-28, KS C IEC60034) for electric motors. Mandatory MEPS for electric motors is:

Applicable to:	Not applicable to:
Ratings from 0.75 to 200kW (2,4,6 and 8 poles)	TEAO and TENV designs.
Ratings from 225 to 375kW(4 and 6 poles).	Duty type different from S1.
Frequency: 60Hz.	Motors wholly immersed in a liquid
Voltage up to 600 V	Design C and D
Closed and open enclosures.	Multi-speed motors.
Inverter-driven motor with continuous operation(fan, blower and pump)	Thrust or sleeve bearings.

The measurement method follows the determination of loss and efficiency of the 3 phase electric motors in accordance with KS C IEC 60034-2-1. The motors with efficiency lower than defined in MEPS (tables below) are subject to restrictions on production and sales in South Korean market. WEG MEPS SK IE3 motors have output range 0.75kW to 200kW, 2,4 and 6 poles.

Output (kW)	IE3			
	2 Poles	4 Poles	6 Poles	8 Poles
0.75	77.0	83.5	82.5	75.5
1.5	85.5	86.5	88.5	84.0
2.2	86.5	89.5	89.5	85.5
3.7	88.5	89.5	89.5	86.5
5.5	89.5	91.7	91.0	86.5
7.5	90.2	91.7	91.0	89.5
11	91.0	92.4	91.7	89.5
15	91.0	93.0	91.7	90.2
18.5	91.7	93.6	93.0	90.2
22	91.7	93.6	93.0	91.7
30	92.4	94.1	94.1	91.7

Output (kW)	IE3			
	2 Poles	4 Poles	6 Poles	8 Poles
37	93.0	94.5	94.1	92.4
45	93.6	95.0	94.5	92.4
55	93.6	95.4	94.5	93.6
75	94.1	95.4	95.0	93.6
90	95.0	95.4	95.0	94.1
110	95.0	95.8	95.8	94.1
132	95.4	95.8	95.8	94.5
160	95.4	96.2	95.8	94.5
200	95.8	96.2	95.8	94.5
225	-	96.2	95.8	-
260	-	96.2	95.8	-
300	-	96.2	95.8	-
335	-	96.2	95.8	-
375	-	96.2	95.8	-



Attention:
Motor without this label will not be allowed through Korean customs.

Model 1

MADE IN CHINA	W21 SK W21SK30110002
PH 3	FRAME 160M
MOTOR INDUCTION - GAOLA INDUCTION MOTOR-SQUIRREL CAGE	Hz 60 DES.
kW(HP-cv) 1 1 (15)	RPM 3540
SF 1.15	INS. CL.F Δ T 80 K I _p /In 7.1 IP55
VOLTS 220/380	AMPS. 36.5/21.1
DUTY S1	AMB. 40°C ALT. 1000 m.a.s.l.
NOM. EFF. 91.0	P.F. 0.87
SFA	
220 V W2 U2 V2 U1 V1 W1 Δ L1 L2 L3	380 V W2 U2 V2 U1 V1 W1 Y L1 L2 L3
6309-ZZ-C3	MOBIL POLYREX EM 119 Kg
6209-ZZ-C3	
13/90/32	CE EAC IEC 60034-1

Name Plates

Main and additional nameplates are made of AISI 304 stainless steel and all information is laser engraved on them. Important and useful information is included in such nameplates like serial number, output power, voltage, frequency, rated current, degree of protection, power factor, thermal class, bearing type, type of grease and lubrication intervals. Nameplate model 1 is for motor with frame up to 200 and nameplate model 2 is for motor with frame above 200



Model 2

MADE IN CHINA	W21 SK W21SK32000004
PH 3 kW(HP-cv) 200(270)	FRAME 355M/L
MOTOR INDUCTION - GAOLA INDUCTION MOTOR-SQUIRREL CAGE	SF 1.15 Hz 60
VOLTS 380	AMPS. 363
RPM 1790	b/k 7.5 P.F. 0.87
DUTY S1	NOM. EFF. 96.2 AMB. 40°C
INS. CL. F Δ T 80 K DES.	SFA 417 A
IP55 Alt. 1000 m.a.s.l.	1589 kg
CE EAC IEC 60034-1	
6322-C3(60g) MOBIL POLYREX EM 6319-C3(45g) 3330 h	

Specifications

Frame			80	90S	90L	100L*	112M*	132S	132M	160M	160L
Mechanical Features											
Name Plate Marks:			KS C 4202; CE; IEC 60034;								
Mounting			B3R(E)								
Frame	Material		Cast Iron FC-200								
Protection Degree			IP55								
Grounding			Single Grounding (Grounding Internal in the Terminal Box)								
Cooling System			TEFC								
Fan	Material	2-4P	Plastic								
		6P	Plastic								
Fan Cover	Material		Steel Plate								
End Shields	Material		Cast Iron FC-200								
Drain			Automatic rubber drain plug								
Bearings	Closed/Front Clearance		ZZ							C3	
	Closed/Rear Clearance		ZZ							Z-C3	
	Clamping		Without							DE bearing locked with inner bearing cap and fitted with wave washer in the NDE bearing	
	Front side	2-4P	6204	6205	6205	6206	6207	6308	6308	6309	6309
		6P									
	Rear side	2-4P	6203	6204	6204	6205	6206	6207	6207	6209	6209
		6P									
Bearing Sealing			V'ring								
Joint Sealing			Without								
Greasing	Grease 2P		Polyrex EM								
	Grease 4P and above		Polyrex EM								
	Grease Nipple		Without								
Terminal Block			BMC 6 Terminals								
Terminal Box	Material		Cast Iron FC-200								
Additional Terminal Box			Without								
Cable Entrance	Main	Size	2xM20x1.5	2xM25x1.5			2xM32x1.5			2xM40x1.5	
	Plug		Plastic and Threaded Plug								
Shaft	Material		SAE 1040/45								
	Threaded Hole	2P	M6	M8	M8	M10	M10	M12	M12	M16	M16
		4 - 6P									
Key			Type A								
Vibration			Level A								
Balancing			Standard Balance with 1/2 Key								
Name Plate	Material		Stainless Steel AISI 304								
Painting	Plan		207A							203A	
	Color		RAL 5009								
Electrical Features											
Design			N								
Voltage			380V with 6 Terminals								
Winding	Material		Copper								
	Impregnation		Dip and Bake								
	Insulation Class		F								
Service Factor			1.25								
Rotor			Squirrel Cage Aluminum								
Thermal Protection			None							Thermistor 155°C Shutdown	

Frame			180M*	180L	200M	200L	225S/M*	250S/M*	280S/M	315S/M	355M/L	
Mechanical Features												
Name Plate Marks:			KS C 4202; CE; IEC 60034;									
Mounting			B3R(E)									
Frame	Material		Cast Iron FC-200									
Protection Degree			IP55									
Grounding			Single Grounding (Grounding Internal in the Terminal Box)				Double Grounding (Internal in the Terminal Box and on the Frame)					
Cooling System			TEFC									
Fan	Material	2-4P	Plastic								Aluminum	
		6P	Plastic									
Fan Cover	Material		Steel Plate									
End Shields	Material		Cast Iron FC-200									
Drain			Automatic rubber drain plug									
Bearings	Closed/Front Clearance		C3									
	Closed/Rear Clearance		Z-C3				C3					
	Clamping		DE bearing locked with inner bearing cap and fitted with wave washer in the NDE bearing				DE bearing locked with inner and outer bearing caps and fitted with pre-load springs in the NDE bearing					
	Front side	2-4P	6311	6311	6312	6312	6314	6314	6314	6314	6316	
		6P							6316	6319	6322	
	Rear side	2-4P	6211	6211	6212	6212			6314	6314	6314	
		6P							6316	6316	6319	
Bearing Sealing			V'ring									
Joint Sealing			Without									
Greasing	Grease 2P		Polyrex EM									
	Grease 4P and above											
	Grease Nipple		Without				with regreasing nipple					
Terminal Block			BMC 6 Terminals									
Terminal Box	Material		Cast Iron FC-200									
Additional Terminal Box			Without									
Cable Entrance	Main	Size	2xM40x1.5		2xM50x1.5			2xM63x1.5				
	Plug		Plastic and Threaded Plug									
Shaft	Material		SAE 1040/45									4140
	Threaded Hole	2P	M16	M16	M20	M20	M20	M20	M20	M20	M20	
		4 - 6P									M24	
Key											Type A	
Vibration			Level A									
Balancing			Standard Balance with 1/2 Key									
Name Plate	Material		Stainless Steel AISI 304									
Painting	Plan		203A									
	Color		RAL 5009									
Electrical Features												
Design			N									
Voltage			380V with 6 Terminals									
Winding	Material		Copper									
	Impregnation		Dip and Bake				Continuous Resin Flow					
	Insulation Class		F									
Service Factor			1.25									
Rotor			Squirrel Cage Aluminum									
Thermal Protection			Thermistor 155°C Shutdown									

Note:

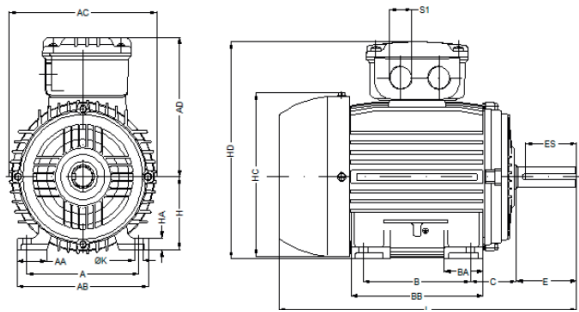
For features not mentioned in above table, please contact our nearest sales office.

MEPS SK Premium Efficiency - IE3

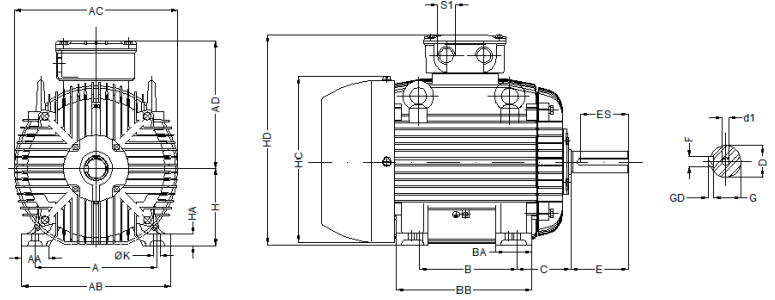
Output		Frame	Full Load Torque (kgfm)	Locked Rotor Current I _L /I _N	Locked Rotor Torque T _L /T _N	Break-down Torque T _B /T _N	Inertia J (kgm ²)	Allowable locked rotor time (s)		Weight (kg)	Sound dB(A)	Rated speed (rpm)	380 V						Full load current I _N (A)			
								Hot	Cold				% of full load			50	75	100		Power Factor		
													50	75	100					50	75	100
2 Poles 3600 RPM – 60Hz																						
0.75	1	80	0.212	6.6	2.7	3.4	0.0009	20	44	16.0	62	3440	76.5	77.0	77.0	0.70	0.80	0.86	1.72			
1.1	1.5	80	0.315	6.5	3.6	3.7	0.0012	15	33	20.0	62	3400	83.0	83.5	84.0	0.73	0.80	0.85	2.34			
1.5	2	90L	0.421	8.5	2.9	3.6	0.0021	16	35	24.0	68	3470	84.0	85.5	85.5	0.70	0.80	0.85	3.14			
2.2	3	90L	0.618	8.0	3.4	3.8	0.0025	14	31	26.0	68	3470	86.0	86.5	86.5	0.69	0.80	0.85	4.55			
3	4	112M	0.830	9.5	3.1	4.5	0.0101	30	66	54.0	69	3520	86.5	88.0	88.5	0.62	0.72	0.80	6.44			
3.7	5	112M	1.03	8.5	3.0	4.1	0.0087	28	62	48.0	69	3515	85.5	87.0	88.5	0.66	0.77	0.83	7.65			
4	5.5	112M	1.11	8.4	2.4	3.6	0.0087	27	59	49.0	69	3500	88.0	88.5	88.5	0.72	0.80	0.86	7.98			
5.5	7.5	132S	1.51	8.5	2.5	3.4	0.0198	27	59	62.0	72	3540	89.0	89.5	89.5	0.71	0.81	0.86	10.9			
7.5	10	132S	2.07	7.7	2.5	3.5	0.0252	25	55	70.0	72	3530	89.5	90.2	90.2	0.77	0.85	0.88	14.4			
11	15	160M	3.02	7.0	2.2	3.3	0.0422	25	55	109	75	3545	88.0	89.5	91.0	0.75	0.84	0.87	21.1			
15	20	160M	4.12	7.8	2.3	3.7	0.0509	15	33	117	75	3545	90.3	91.0	91.0	0.75	0.83	0.86	29.1			
18.5	25	160L	5.10	8.0	2.0	2.9	0.0565	11	24	132	75	3530	91.0	91.7	91.7	0.80	0.83	0.88	34.8			
22	30	180M	6.03	8.5	2.7	3.0	0.093	10	22	167	75	3555	91.0	91.7	91.7	0.78	0.84	0.87	41.9			
30	40	180L	8.25	7.0	2.0	2.9	0.1195	16	35	196	75	3540	92.0	92.4	92.4	0.80	0.85	0.89	55.4			
37	50	200L	10.1	7.0	2.6	2.8	0.2115	39	86	271	81	3560	92.5	93.0	93.0	0.77	0.84	0.87	69.5			
45	60	200L	12.3	7.5	2.6	2.8	0.2331	35	77	281	81	3560	93.0	93.6	93.6	0.76	0.84	0.87	84.0			
55	75	225S/M	15.1	7.0	2.5	2.6	0.3763	24	53	395	85	3555	92.5	93.6	93.6	0.82	0.86	0.89	100			
75	100	250S/M	20.5	7.5	2.3	2.8	0.4366	17	37	466	85	3555	93.5	94.1	94.1	0.82	0.88	0.90	135			
90	125	280S/M	24.5	8.3	2.8	3.1	1.40	46	101	788	86	3580	93.0	94.5	95.0	0.50	0.82	0.87	165			
110	150	280S/M	30.0	7.6	2.4	2.8	1.36	31	68	772	86	3575	93.5	94.5	95.0	0.79	0.86	0.89	198			
132	175	280S/M	36.0	7.8	2.3	2.4	1.53	26	57	822	86	3575	94.0	95.0	95.4	0.79	0.86	0.88	239			
150	200	315S/M	40.9	8.1	2.4	3.2	1.88	28	62	1018	89	3575	94.0	95.4	95.4	0.80	0.87	0.90	265			
160	220	315S/M	43.6	8.0	2.6	2.8	1.88	27	59	982	89	3575	95.0	95.4	95.4	0.81	0.87	0.90	283			
185	250	315S/M	50.4	7.5	2.2	3.0	2.15	18	40	1066	89	3575	95.0	95.8	95.8	0.80	0.87	0.90	326			
200	270	355M/L	54.3	9.5	3.0	3.1	4.09	34	75	1522	85	3585	94.2	95.4	95.8	0.85	0.89	0.91	349			
4 Poles 1800 RPM – 60Hz																						
0.75	1	90S	0.416	7.2	2.0	3.1	0.0044	22	48	23.0	51	1755	83.0	83.5	83.5	0.60	0.73	0.80	1.71			
1.1	1.5	90L	0.610	7.8	2.4	3.0	0.0060	19	42	25.0	51	1755	85.5	86.0	86.5	0.62	0.74	0.80	2.42			
1.5	2	90L	0.832	8.5	2.6	3.2	0.0066	12	26	26.0	51	1755	85.5	86.5	86.5	0.59	0.70	0.78	3.38			
2.2*	3	100L	1.22	8.5	3.6	4.0	0.0119	25	55	40.0	54	1750	88.0	89.5	89.5	0.57	0.70	0.78	4.79			
3	4	112M	1.66	7.0	2.1	3.2	0.0180	26	57	50.0	58	1755	87.5	89.0	89.5	0.60	0.71	0.78	6.53			
3.7	5	112M	2.07	7.2	2.4	3.2	0.0180	23	51	50.0	58	1745	88.0	89.5	89.5	0.58	0.70	0.78	8.05			
4	5.5	112M	2.23	6.8	2.0	2.9	0.0180	25	55	50.0	58	1750	89.0	89.5	89.5	0.62	0.74	0.80	8.49			
5.5	7.5	132S	3.03	8.5	2.3	3.3	0.0527	19	42	67.0	61	1770	91.0	91.7	91.7	0.66	0.78	0.83	11.0			
7.5	10	132M	4.13	8.0	2.4	3.2	0.0638	15	33	82.0	61	1770	91.0	91.7	91.7	0.67	0.79	0.84	14.8			
11	15	160M	6.05	7.5	2.5	2.9	0.1071	28	62	130	69	1770	91.5	92.0	92.4	0.65	0.76	0.81	22.3			
15	20	160L	8.25	7.6	3.2	3.0	0.1263	21	46	143	69	1770	92.5	93.0	93.0	0.64	0.75	0.80	30.6			
18.5	25	180M	10.2	8.0	2.8	3.1	0.2088	26	57	188	68	1770	93.0	93.6	93.6	0.67	0.78	0.83	36.2			
22*	30	180M	12.1	7.6	2.5	3.4	0.2306	25	55	207	68	1775	92.5	93.0	93.6	0.67	0.78	0.83	43.0			
30	40	200L	16.4	7.8	3.1	3.3	0.3476	24	53	264	71	1780	93.5	94.1	94.1	0.70	0.78	0.84	57.7			
37	50	200L	20.2	8.5	2.7	3.5	0.4002	18	40	286	71	1780	93.5	94.5	94.5	0.66	0.77	0.82	72.5			
45	60	225S/M	24.6	8.5	2.5	3.0	0.8822	23	51	416	75	1785	94.5	95.0	95.0	0.73	0.82	0.86	83.7			
55*	75	225S/M	30.0	8.5	2.7	3.1	1.04	21	46	466	75	1785	95.0	95.4	95.4	0.68	0.79	0.84	104			
75	100	250S/M	41.0	8.5	2.8	3.0	1.21	13	29	522	75	1780	95.0	95.4	95.4	0.70	0.80	0.85	141			
90	125	280S/M	49.1	7.9	2.4	2.9	2.10	27	59	712	80	1785	94.8	95.4	95.4	0.75	0.83	0.86	167			
110	150	280S/M	60.0	7.6	2.5	3.2	2.94	39	86	884	80	1785	95.5	95.8	95.8	0.71	0.80	0.85	205			
132	175	280S/M	72.0	7.8	2.5	3.0	3.09	24	53	874	80	1785	95.5	95.8	95.8	0.74	0.83	0.86	243			
185	250	355M/L	100	8.8	2.7	3.1	8.99	63	139	1770	83	1795	95.5	96.0	96.2	0.72	0.81	0.85	344			
200	270	355M/L	109	7.0	2.0	2.4	7.55	63	139	1583	83	1790	95.5	96.2	96.2	0.75	0.83	0.86	367			
6 Poles 1200 RPM – 60Hz																						
0.75	1	100L	0.632	5.5	2.2	2.8	0.0132	102	224	35.0	53	1155	82.0	82.5	82.5	0.51	0.64	0.71	1.95			
1.5	2	112M	1.25	7.6	3.0	3.3	0.0257	44	97	50.0	52	1170	86.5	88.5	88.5	0.47	0.60	0.67	3.84			
2.2	3	132S	1.82	6.6	1.8	2.5	0.0530	100	220	67.0	55	1175	88.5	89.5	89.5	0.49	0.62	0.70	5.34			
3.7	5	132S	3.08	6.8	2.2	2.5	0.0568	48	106	69.0	55	1170	89.0	89.5	89.5	0.52	0.65	0.72	8.72			
5.5*	7.5	132M	4.58	7.6	2.3	3.0	0.0757	35	77	92.0	55	1170	90.5	91.0	91.0	0.52	0.65	0.72	12.8			
7.5	10	160M	6.22	7.0	2.4	3.0	0.1615	26	57	128	59	1175	90.5	91.0	91.0	0.64	0.76	0.82	15.3			
11	15	160L	9.12	7.6	3.0	3.5	0.1895	17	37	143	59	1175	90.0	91.7	91.7	0.58	0.71	0.78	23.4			
15	20	180M	12.4	9.5	2.7	3.2	0.3111	15	33	184	59	1175	91.0	91.7	91.7	0.73	0.83	0.87	28.6			
18.5*	25	180L	15.3	9.6	3.2	3.5	0.4193	15	33	225	59	1175	92.5	93.0	93.0	0.73	0.83	0.87	34.7			
22	30	200L	18.2	6.5	2.4	3.0	0.4914	31	68	271	62	1180	92.7	93.0	93.0	0.68	0.79	0.83	43.3			
30	40	225S/M	24.6	8.0	2.5	3.4	1.24	41	90	419	65	1190	92.8	94.1	94.1	0.67	0.78	0.83	58.4			
37	50	225S/M	30.3	8.4	2.6	3.6	1.34	31	68	434	65	1190	92.9	94.0	94.1	0.65	0.77	0.82	72.9			
45*	60	225S/M	36.8	8.5	2.8	3.0	1.43	23	51	461	65	1190	93.4	94.5	94.5	0.68	0.79	0.83	87.2			
55*	75	250S/M	45.																			

Dimensional

FRAME 80-200



FRAME 225-355



Frame	A	AA	AB	AC	AD	B	BA	BB	C	H	HA	HC	HD	K	L	S1	d1	Bearing				
																		DE	NDE			
80	125	35	149	159	136	100	40	125.6	50	80	13	157	216	10	286	2xM20x1.5	DM6	6205-ZZ	6203-ZZ			
90S	140	38	164	179	155	100	42	131	56	90	15	177	245		304	2xM25x1.5	DM8	6205-ZZ	6204-ZZ			
90L						125		156					217							329		
100L	160	49	188	199	165	140	50	173	63	100	16	198	265	376/*410	393					2xM32x1.5	DM10	6206-ZZ
112M	190	48	220	222	184			177	70	112	18.5	235	296			452	490/*520	DM12	6208-ZZ			6206-ZZ
132S	216	51	248	270	212			178	55	187	89	132	20			274			344		598	2xM40x1.5
132M						225	298			108				160	22		317	415		642		
160M	254	64	308	312	255	210	65	254	108	160	22	317	415	598	642	664/*690	702/*730	6311-C3	6211-Z-C3			
160L						254		298												108	160	22
180M	279	80	350	358	275	241	75	294	121	180	28	360	455	598	642	664/*690	702/*730	6311-C3	6211-Z-C3			
180L						279		322												121	180	28
200L	318	82	385	396	305	305	85	370	133	200	30	402	500	18.5	767	2xM50x1.5	DM20	6312-C3	6212-Z-C3			
225S/M	356	80	436	476	374	286	105	391	149	225	34	466	598		817			923/*977	2xM63x1.5	DM20	6314-C3	6314-C3
250S/M	406	100	506			311		449	168	250	42	491	623		817							
280S/M	457	100	557	600	468	368	142	510	190	280		578	748	1126	6316-C3	6316-C3						
315S/M	508	120	628		497	419		406	152	558	216		315				52	613	812	1156	6319-C3	6314-C3
315L	508	120	630	657	575	508	219	752		216	315	48		664	774	1353	6314-C3	6316-C3				
355M/L	610	140	750	816	685	560	200	760	254	355		50	725	1040	1383				6316-C3	6314-C3		
						630		200	760	254	355	50	725	1040		1396	6316-C3	6314-C3				
														1466						DM24	6322-C3	6319-C3

Frame	D	E	ES	F	G	GD	Frame	D	E	ES	F	G	GD
80	19j6	40	28	6	15.5	6	225S/M	55m6	110	100	16	49	10
90S	24j6	50	36	8	20	7		60m6	140	125	18	53	11
90L	24j6	50	36	8	20	7	250S/M	60m6	140	125	18	58	11
100L	28j6	60	45	8	24	7		65m6	140	125	18	58	11
112M	28j6	60	45	8	24	7	280S/M	65m6	140	125	18	58	11
132S	38k6	80	63	10	33	8		75m6	140	125	20	67.5	12
132M	38k6	80	63	10	33	8	315S/M	65m6	140	125	18	58	11
160M	42k6	110	80	12	37	8		80m6	170	160	22	71	14
160L	42k6	110	80	12	37	8	315L	65m6	140	125	18	58	11
180M	48k6	110	80	14	42.5	9		80m6	170	160	22	71	14
180L	48k6	110	80	14	42.5	9	355M/L	75m6	140	125	20	67.5	12
200L	48k6	110	80	14	49	10		100m6	210	200	28	90	16

*Designs with extended non-drive end shield:					
kW	Poles	Frame	kW	Poles	Frame
2.2	4	100L*	55	4	225S/M*
3	4	112M*	5.5	6	132M*
3.7	4	112M*	18.5	6	180L*
4	4	112M*	45	6	225S/M*
22	4	180M*	55	6	250S/M*

Notes:

* The value with (*) in front are motors which are with extended endshield.

- All dimensions are in millimeters.

- Larger and smaller flanges on request.

- The data for frame 355M/L shown above are for horizontal mounting applications under standard coupling loads. The customer must inform when application is vertical or under special coupling loads.

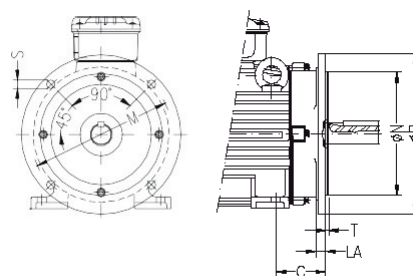
- The values shown are subject to change without prior notice.

To obtain guaranteed values please contact our nearest sales office.

Flange Dimensions

"FF" Flange

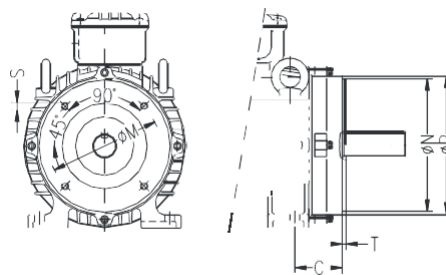
IEC Frame	"FF"Flange									N°of Holes
	Flange	C	LA	M	N	P	T	S	α	
63	FF-115	40	9	115	95	140	3	10	45°	4
71	FF-130	45		130	110	160	3.5			
80	FF-165	50	10	165	130	200		12		
90S/L		56								
100L	FF-215	63	11	215	180	250	4	15		
112M		70								
132S/M	FF-265	89	12	265	230	300	5	19	22°30'	8
160M/L	FF-300	108								
180M/L		121	300	250	350					
200M/L	FF-350	133				350				
225S/M	FF-400	149	400	350	450					
250S/M	FF-500	168								
280S/M		190	500	450	550					
315S/M	FF-600	216				600	550	660		
355M/L	FF-740	254	740	680	800					



Standard Frame

"C" Din Flange

IEC Frame	"FF"Flange							N°of Holes
	Flange	C	M	N	P	S	T	
63	C-90	40	75	60	90	M5	2.5	4
71	C-105	45	85	70	105	M6		
80	C-120	50	100	80	120		M8	
90S/L	C-140	56	115	95	140	M8		
100L	C-160	63	130	110	160			
112M		70						
132S/M	C-200	89	165	130	200	M10		



Standard Frame

Certifications



Market Position

Ventilation



Pumps



Compressors



Market Position

Mining OEMs



ThyssenKrupp



CITIC PACIFIC



Fortescue



Shipbuilding



HEINEN & HOPMAN



End User



ITT

ENGINEERED FOR LIFE



CFW100

- 1Φ 220V, 0.18Kw~0.75Kw
- Soft PLC



CFW11

- 220V~690V, 1.1Kw~2,200Kw
- Soft PLC



CFW300

- 110V or 220V, 0.18Kw~3.7Kw
- 다양한 옵션카드



CFW501 HVAC

- 200V~480V, 0.25Kw~18.5Kw
- BACnet, Metasys N2, Modbus-TRU



CFW500

- 220V..480V, 0.18Kw~22Kw
- Soft PLC, 다단펌프 컨트롤



CFW701 HVAC

- 200V~600V, 1.1Kw~132Kw
- BACnet, Metasys N2, Modbus-TRU



CFW500

- 220V~600V, 1.1Kw~132Kw
- Soft PLC



MV500

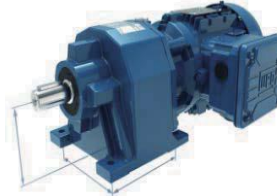
- 200V~480V, 1.1Kw~7.5Kw
- NEMA 4X/IP66



- WEG Bluffton, USA
- 스테인레스, IP66



- WEG Toledo, USA
- 감속



- WEG Europe
- 기어모터



- WEG EM, USA
- 동기모터, 발전기



- WEG Asia
- IE3, IE4



- WEG South America
- IE4 quattro



- WEG Europe
- Exd IIC



- WEG AKH, Germany
- 20,000 rpm



- 0.55Kw, 71 or 80 frame, 4pole
- UL, CE, CSA 인증

- CFW100 1Φ 220V 0.75Kw
- UL, CE, CSA 인증

- CFW08, 220V 380V
- IP66, NEMA4X

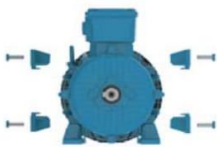
W11 - 알루미늄 모터



 									
PH. 3		TRAME 132S							
ROTATION MOTOR-SPIN (RPM)		(RPM)		60		IES			
REF 1-15		2 2 3 0		RPM		1175			
INS. CL.F. AT 80		1		5.6		IP55			
VOLT		380		5.34					
DUTY		S1		AMB. 40°C		ALT. 1000 m.a.s.l.			
NOM. EFF.		89.5		P.F. 0.70					
W11		SFA		6.14 A					
380 V		W2 U2		V2		W2 U2		V2	
U1 V1		L1 L3		W1		U1 V1		W1	
Δ L1 L3		L2		Y		L1 L2		L3	
		6308 - LZ		MOBIL POLYREX EM				Kg	
6207 - ZZ									
1321234									
IEC 60034									



고품질과 신뢰성으로 인정받는 W11은 알루미늄 멀티마운팅 모터로 산업용 설비에 적합하도록 설계된 모델입니다. W11 모터는 가벼운 중량으로 설치가 용이하도록 설계 되었습니다. W11은 세계 모터 3대 회사(WEG, ABB, SIEMENS) 중 “Weg”의 제품입니다.



설치방법 변경 시스템

B3 수평설치와 B5 플랜지
설치변경이 가능하도록 설계
터미널 박스 위치 변경이
가능하도록 설계



냉각 시스템

최대의 냉각 효과를 제공
저소음 팬 설계



프레임

고품질의 알루미늄 다이캐스트를
사용하여 가볍고 튼튼한
프레임 구조를 구현



엔드윌드

충분한 내구성을 제공하고
가볍도록 알루미늄 다이캐스트 사용



단자박스

결선이 용이하도록 최대한
내부공간을 확보하고
외부의 물질이 침투하지 않도록
설계된 알루미늄 다이캐스트 단자박스



실링 시스템

부하측과 반부하측에 기계적 손실을 줄일 수 있도록 'V'링 씰을 사용
IP55 모터 보호 등급으로 설계

기본사양

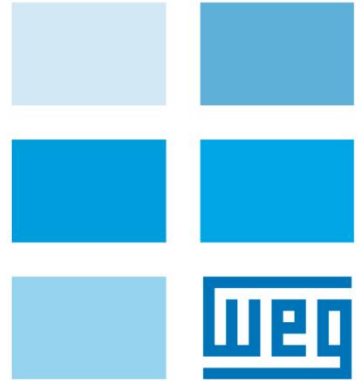
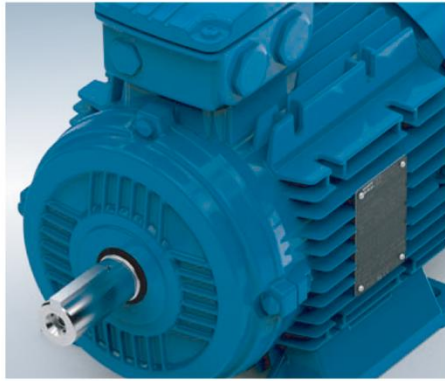
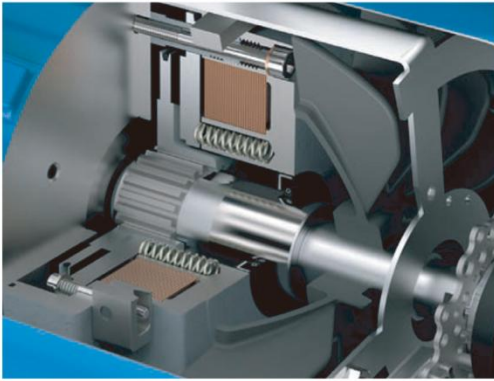
- * 출 력 : 0 , 12 to 11kW
- * 극 수 : 2 , 4 , 6 , 8 극
- * 프레임 사이즈 : IEC 63 to 132
- * 효 율 : IE1 and IE2
- * 주 파 수 : 50Hz 또는 60Hz
- * 전 압 : 220 – 240V / 380 – 415V
(프레임 사이즈 100L까지)
380 – 415V / 660 – 690V
(프레임 사이즈 112M 이상)

옵션 사양

- * 폴 체인지 모터
- * 권선 보호용 PTC 또는 Thermostat
- * 스페이스 히터
- * 케노피
- * 샤프트 재질 : 스테인레스 스틸

일체형 인버터 모터

Low Voltage Motors and Drives



Decentralized Drive

220V / 단상 및 3상 입력

커스텀 원격 제어 패널 (선택 사항)

공간 및 설치 비용 절감

패널 및 케이블 연결이 필요없는 간편함

