

Techvitas warehouse

Stock positions

W21

Aluminium Multimounting
Three-phase Electric Motors



WEG motors price list

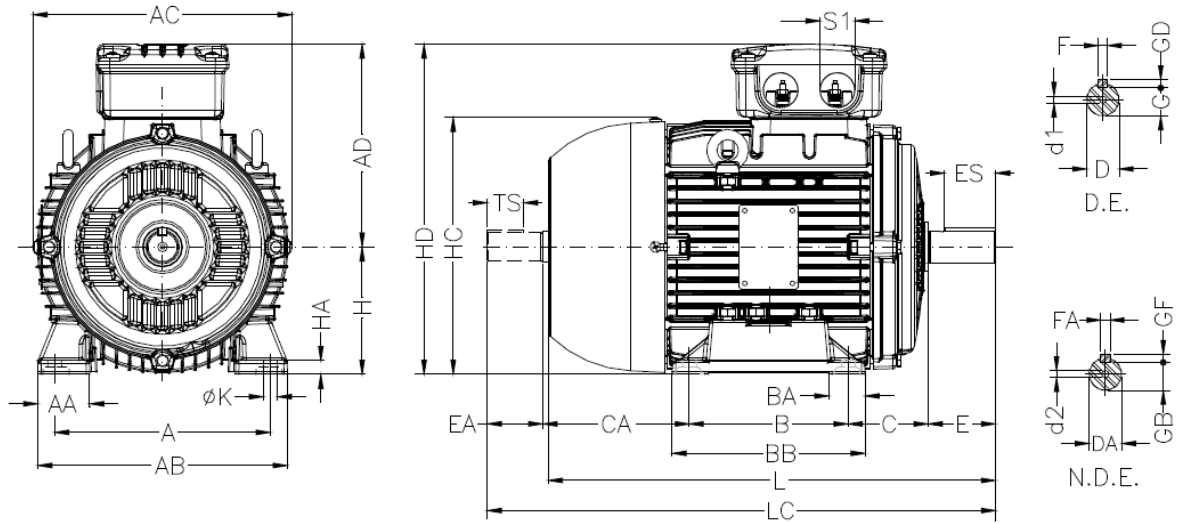
Motor code	Supplier	Serie	Power kW	Poles	Motor size	Mounting
10016597	WEG	W21	0,12	2	63	B3
10502417	WEG	W21	0,12	2	63	B5 (FF-115)
10016599	WEG	W21	0,12	4	63	B3
13943737	WEG	W21	0,12	4	63	B14 (C-90)
10016598	WEG	W21	0,18	2	63	B3
10086190	WEG	W21	0,18	2	63	B5 (FF-115)
15137804	WEG	W21	0,18	6	71	B14 (C-105)
10365280	WEG	W21	0,18	6	71	B5 (FF-130)
15137807	WEG	W21	0,25	2	63	B14 (C-90)
10571515	WEG	W21	0,25	2	63	B5 (FF-115)
15137824	WEG	W21	0,25	6	71	B14 (C-105)
15137825 GAM	WEG	W21	0,25	6	71	B5 (FF-130)
15138392	WEG	W21	0,37	6	80	B14 (C-120)
11687208	WEG	W21	0,55	4	71	B3
10016164	WEG	W21	0,75	2	80	B3
13925979	WEG	W21	0,75	2	80	B14 (C-120)
11674212	WEG	W21	0,75	2	80	B5 (FF-165)
15199681	WEG	W21	0,75	2	71	B5 (FF-130)
15199682	WEG	W21	0,75	4	90	B5 (FF-165)
13812964	WEG	W21	0,75	6	90	B14 (C-140)
13128214	WEG	W21	1,1	2	80	B14 (C-120)
15140995	WEG	W21	1,5	2	90	B14 (C-140)
15141032 GAM	WEG	W21	1,5	2	80	B5 (FF-165)
15143901	WEG	W21	1,5	6	100	B14 (C-160)
15143903	WEG	W21	1,5	6	100	B5 (FF-215)
15199686	WEG	W21	2,2	2	100	B14 (C-160)
11633590	WEG	W21	3	2	100	B5 (FF-215)
15170336	WEG	W21	3	6	132	B14 (C-200)
15170367	WEG	W21	3	6	132	B5 (FF-265)
15144534 GAM	WEG	W21	4	2	112	B5 (FF-215)
15144537	WEG	W21	4	2	100	B14 (C-160)
15144890	WEG	W21	4	6	132	B14 (C-200)
15764715	WEG	W21	5,5	2	132	B14 (C-200)
15898314	WEG	W21	5,5	2	132	B14 (C-200)
15146685	WEG	W21	5,5	4	132	B14 (C-200)
12456135	WEG	W21	7,5	4	132	B3
15147363	WEG	W21	7,5	6	160	B5 (FF-300)
12169514	WEG	W21	15	4	160	B3
15147445	WEG	W21	18,5	6	200	B3

Standard Features

- ✓ Rated output: 0,12 to 37 kW (motors on stock up to 18,5 kW)
- ✓ Number of poles: 2, 4, 6, 8 (motors on stock 2, 4, 6 poles)
- ✓ Frame sizes IEC 63 to 200L
- ✓ Ambient Temperature Range: -20°C to +40°C
- ✓ Frequency: 50 Hz
- ✓ Voltage at 50 Hz: 220-240/380-415 V (up to 100 L) 380-415/660 V (from 112M and up)
- ✓ Insulation class F (DT 80 K)
- ✓ Degree of protection: IP55
- ✓ Cooling method: IC411 according to DIN EN 60034-6
- ✓ Frame material: Die cast aluminium
- ✓ Terminal box material: Aluminium
- ✓ Terminal block for motor connection
- ✓ Grounding: Simple grounding inside the terminal box
- ✓ Fan Material: Polypropylene
- ✓ Fan Cover Material: Steel
- ✓ Drain: Rubber drain plug
- ✓ V'ring seal on both endshields
- ✓ Shaft material: AISI 1040/45
- ✓ ZZ Ball bearings
- ✓ Eyebolts for frames 112M to 200L
- ✓ Thermal Protection: Thermistors PTC (155 °C) in windings for frames 160 up to 200

Mechanical Data

Foot Mounted Motors



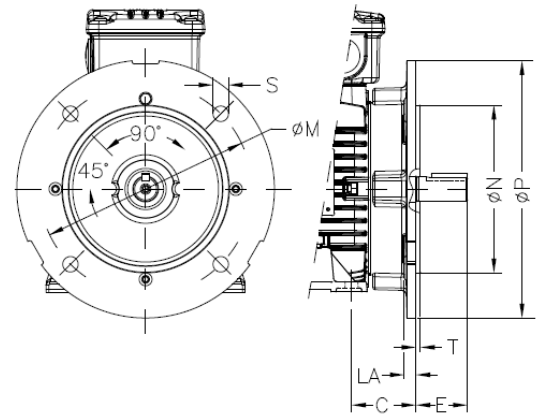
Frame	A	AA	AB	AC	AD	B	BA	BB	C	CA	Shaft Dimensions														H	HA	HC	HD	K	L	LC	S1	d1	d2	Bearings	
											D	E	ES	F	G	GD	DA	EA	TS	FA	GB	GF	D.E.	N.D.E.												
63	100	19	116	125	119	80	23	95	40	78	11j6	23	14	4	8.5	4	9j6	20	12	3	7.2	3	63	6	124	182	6	216	241	2xM20x1.5	EM4	EM3	6201-ZZ			
71	112	28	134	141	127	90	24.5	108	45	88	14j6	30	18	5	11	5	11j6	23	14	4	8.5	4	71	8	139	198		248	276	2xM20x1.5	DM5	EM4	6203-ZZ	6202-ZZ		
80	125	32	155	159	136	100	28	124	50	93	19j6	40	28	6	15.5	6	14j6	30	18		11		80	8	157	216		276	313	2xM20x1.5	DM6	DM4	6204-ZZ	6203-ZZ		
90S/L	140	35	170	179	155	125	24	146	56	104	24j6	50	36		20		16j6	40	28	5	13	5	90	9	177	245	10	330	375	2xM25x1.5	DM8	DM6	6205-ZZ	6204-ZZ		
100L	160	40	196	200	165	140	30	170	70	118	28j6	60	45		24	7	22j6	50	36	6	18.5	6	100	12	198	265		376	431	2xM25x1.5	DM10	DM8	6206-ZZ	6205-ZZ		
112M	190	46	220	223	184	140	50	170	70	128	28j6	60	45		24	7	24j6	50	36	8	20	7	112	12	235	296		393	448	2xM32x1.5			6307-ZZ	6206-ZZ		
132S	216	44	248	270	212	178	40	210	89	150	38k6	80	63	10	33	8	28j6	60	45	8	24	7	132	12	274	344		490	557	2xM32x1.5	DM12	DM10	6308-ZZ	6207-ZZ		
132M	216	44	248	270	212	178	40	210	89	150	38k6	80	63	10	33	8	28j6	60	45	8	24	7	132	12	274	344		490	557	2xM32x1.5	DM12	DM10	6308-ZZ	6207-ZZ		
160M/L	216	62	308	347	255	210	60	298	108	174	42k6			12	37	8	42k6	110	80	12	37	8	160	18	313	414		634	756	2xM40x1.5	DM16	DM16	6309-C3	6209-Z-C3		
180M/L	279	68	350	306	274	241	49	322	121	200	48k6	110	80	14	42.5	9	48k6	110	80	14	42.5	9	180	20	354	454	14.5	694	820	2xM40x1.5	DM16	DM16	6311-C3	6211-Z-C3		
200M/L	318	73	385	386	300	267	60	370	133	222	55m6			16	49	10		110	80	14	42.5	9	200	25	393	500	18.5	758	880	2xM50x1.5	DM20	DM20	6312-C3	6212-Z-C3		



Flange mounted motors

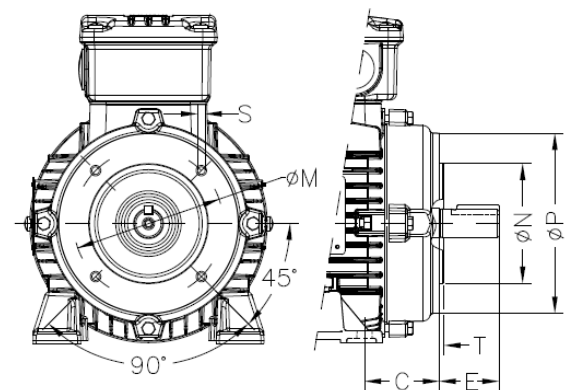
“FF” Flange

Frame	“FF” Flange Dimensions									N° of Holes
	Flange	C	LA	M	N	P	T	S	a	
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		
160M/L	FF-300	108	18	300	250	350				
180M/L		121								
200M/L	FF-350	133	350	300	400					



“C-DIN” Flange

Frame	“C” DIN Flange Dimensions							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			
100L	C-160	63	130	110	160	M8	3.5	
112M		70						
132S/M	C-200	89	165	130	200	M10		



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