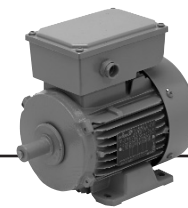


# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) IEC Metric - IP55 TEFC Energy Efficient



FMML

## APPLICATIONS:

Designed for mounting on equipment for worldwide use (either in energy efficiency regulated countries such as the USA or Canada, or in IEC countries). Also for USA User's replacement motor on imported equipment from Europe, Asia, Latin or South America.

## FEATURES:

- Class F Insulation, 40°C Ambient
- Aluminum Frame with Integral Feet (Removable Feet 200-225 Frame)
- Protective Paint (Polyurethane Vinyl 25/30 Micromet Treatment)
- "CE" Approved Motors. "CE" Mark on Nameplate
- TEFC IP55 Enclosure Per IEC Standard
- 1.0 Service Factor 50Hz, 1.15 Service Factor 60Hz
- IP55 Conduit Box, F0 Assembly, Cable Glands in any of 4 Directions
- Bearings: Sealed "Greased For Life" 132 Frame & Down, Shielded "Greased For Life" 160-200 Frame, Regreasable Open Type 225 Frame & Up
- Motors Can Operate at 60Hz 230/460 Volt (+5%) Or at 50Hz 380 Volt (+5%), 400 Volt (+10%), 415 Volt (+5%)
- Stated Efficiencies Are in Accordance with IEEE-112 Test Method B

## Footed

HP (KW)	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (mm.)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1 (0.75)	3600	230/460	80L	M1E1FZ	\$494	DS-3LS	1.15	255.0	22	75.5	1.4	-
	1800	230/460	90L	M1E2FZ	\$483	DS-3LS	1.15	295.0	30	82.5	1.4	-
	1200	230/460	90L	M1E3FZ	\$792	DS-3LS	1.15	295.0	53	80	1.8	-
1-1/2 (1.1)	3600	230/460	80L	M3E1FZ	\$502	DS-3LS	1.15	255.0	25	82.5	2	-
	1800	230/460	90L	M3E2FZ	\$518	DS-3LS	1.15	295.0	34	84	2.1	-
	1200	230/460	100LG	M3E3FZ	\$942	DS-3LS	1.15	375.0	66	85.5	2.3	-
2 (1.5)	3600	230/460	90S	M2E1FZ	\$616	DS-3LS	1.15	268.0	31	84	2.7	-
	1800	230/460	90LU	M2E2FZ	\$603	DS-3LS	1.15	315.0	37	84	2.9	-
	1200	230/460	112MU	M2E3FZ	\$1,186	DS-3LS	1.15	394.0	84	86.5	3.3	-
3 (2.2)	3600	230/460	90L	M3E1FZ	\$742	DS-3LS	1.15	295.0	34	85.5	3.8	-
	1800	230/460	100LR	M3E2FZ	\$856	DS-3LS	1.15	350.0	59	87.5	4	-
	1200	230/460	132SM	M3E3FZ	\$1,506	DS-3LS	1.15	430.0	107	87.5	4.3	-
5 (4)	3600	230/460	112MG	M5E1FZ	\$989	DS-3LS	1.15	375.0	77	87.5	6.4	-
	1800	230/460	112MU	M5E2FZ	\$980	DS-3LS	1.15	394.0	77	87.5	7	-
	1200	230/460	132M	M5E3FZ	\$1,668	DS-3LS	1.15	467.0	132	87.5	7.3	-
7-1/2 (5.5)	3600	230/460	132S	M7E1FZ	\$1,374	DS-3LS	1.15	430.0	86	88.5	8.9	-
	1800	230/460	132SM	M7E2FZ	\$1,240	DS-3LS	1.15	430.0	132	89.5	8.8	-
	1200	230/460	160M	M7E3FZ	\$2,615	DS-3LS	1.15	605.0	234	89.5	9.5	-
10 (7.5)	3600	230/460	132SM	M10E1FEZ	\$1,423	DS-3LS	1.15	430.0	108	89.5	11.9	-
	1800	230/460	132M	M10E2FEZ	\$1,514	DS-3LS	1.15	467.0	155	89.5	12.4	-
	1200	230/460	160M	M10E3FZ	\$3,393	DS-3LS	1.15	605.0	234	89.5	12.8	-
15 (11)	3600	230/460	160MP	M15E1FZ	\$2,432	DS-3LS	1.15	578.0	148	90.2	18	-
	1800	230/460	160MR	M15E2FZ	\$2,440	DS-3LS	1.15	605.0	172	91	18.4	-
	1200	230/460	160LU	M15E3FZ	\$4,416	DS-3LS	1.15	620.0	265	90.2	19.2	-
20 (15)	3600	230/460	160LR	M20E1FZ	\$2,594	DS-3LS	1.15	605.0	172	90.2	24	-
	1800	230/460	160L	M20E2FZ	\$2,980	DS-3LS	1.15	605.0	190	91	24.5	-
	1200	230/460	180LU	M20E3FZ	\$5,363	DS-3LS	1.15	703.0	338	90.2	25.6	-
25 (18.5)	3600	230/460	160L	M25E1FZ	\$3,589	DS-3LS	1.15	605.0	201	91	29.6	-
	1800	230/460	180MT	M25E2FZ	\$3,617	DS-3LS	1.15	605.0	232	92.4	30.2	-
	1200	230/460	200L	M25E3FZ	\$6,359	DS-3LS	1.15	731.0	448	91.7	32.7	-
30 (22)	3600	230/460	180MT	M30E1FZ	\$4,437	DS-3LS	1.15	605.0	218	91	35.1	-
	1800	230/460	180LU	M30E2FZ	\$5,047	DS-3LS	1.15	703.0	331	92.4	36.6	-
	1200	230/460	200LU	M30E3FZ	\$8,343	DS-3LS	1.15	779.0	490	91.7	39.8	-
40 (30)	3600	230/460	200LT	M40E1FZ	\$5,574	DS-3LS	1.15	709.0	340	91.7	45.4	-
	1800	230/460	200L	M40E2FZ	\$5,496	DS-3LS	1.15	731.0	406	93	48.5	-
	1200	230/460	225MG	M40E3FZ	\$10,607	DS-3LS	1.15	950.0	673	93	51.6	-

GEN. PURPOSE SINGLE PHASE  
GEN. PURPOSE THREE PHASE  
SEVERE DUTY  
HAZARDOUS LOCATION  
C-FACE SINGLE & THREE PHASE  
MULTI-SPEED THREE PHASE  
INVERTER DUTY  
VECTOR DUTY  
DRIVES  
BRAKE MOTORS  
U FRAME MOTORS  
DIRECT CURRENT (DC)

# General Purpose Three Phase, Totally Enclosed Fan Cooled (TEFC) IEC Metric - IP55 TEFC Energy Efficient



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## APPLICATIONS:

Designed for mounting on equipment for worldwide use (either in energy efficiency regulated countries such as the USA or Canada, or in IEC countries). Also for USA User's replacement motor on imported equipment from Europe, Asia, Latin or South America.

## Footed

HP (KW)	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (mm.)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
50 (37)	3600	230/460	200L	M50E1FZ	\$5,889	DS-3LS	1.15	731.0	397	92.4	56.3	-
	1800	230/460	225ST	M50E2FZ	\$7,361	DS-3LS	1.15	768.0	452	93	60.7	-
	1200	230/460	250ME	M50E3FZ	\$13,334	DS-3LS	1.15	950.0	750	93	64.5	-
60 (45)	3600	230/460	225MT	M60E1FZ	\$8,799	DS-3LS	1.15	738.0	441	93	67.1	-
	1800	230/460	225MR	<b>M60E2FZ</b>	\$7,928	DS-3LS	1.15	816.0	518	93.6	72.3	-
	1200	230/460	280SD	M60E3FZ	\$17,282	DS-3LS	1.15	1010.0	728	93.6	72.3	-
75 (55)	3600	230/460	250MZ	M75E1FZ	\$11,484	DS-3LS	1.15	816.0	518	93	83.9	-
	1800	230/460	250ME	M75E2FZ	\$11,883	DS-3LS	1.15	950.0	750	94.1	88.8	-
	1200	230/460	280MD	M75E3FZ	\$17,618	DS-3LS	1.15	1010.0	816	93.6	91.5	-
100 (75)	3600	230/460	280SC	M100E1FZ	\$15,123	DS-3LS	1.15	950.0	728	93.6	111.2	-
	1800	230/460	280SC	M100E2FZ	\$14,604	DS-3LS	1.15	950.0	838	94.5	118	-
	1200	230/460	315SP	M100E3FZ	\$21,796	DS-3LS	1.15	1117.0	1522	94.1	119.9	-
125 (93)	3600	230/460	280MC	M125E1FZ	\$18,972	DS-3LS	1.15	950.0	827	94.5	136.1	-
	1800	230/460	280MD	M125E2FZ	\$18,579	DS-3LS	1.15	1010.0	992	94.5	147.4	-
150 (110)	3600	230/460	315SP	M150E1FZ	\$23,003	DS-3LS	1.15	1087.0	1422	94.5	167	-
	1800	230/460	315SP	M150E2FZ	\$22,085	DS-3LS	1.15	1117.0	1654	95	178.1	-

## B14 Face

HP (KW)	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (mm.)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1 (0.75)	3600	230/460	80L	M1E1FZCR	\$531	DS-3LS	1.15	258.0	22	75.5	1.4	-
	1800	230/460	90L	M1E2FZCR	\$520	DS-3LS	1.15	298.0	30	82.5	1.4	-
	1200	230/460	90L	M1E3FZCR	\$851	DS-3LS	1.15	298.0	53	80	1.8	-
1-1/2 (1.1)	3600	230/460	80L	M32E1FZCR	\$541	DS-3LS	1.15	258.0	25	82.5	2	-
	1800	230/460	90L	M32E2FZCR	\$557	DS-3LS	1.15	298.0	34	84	2.1	-
	1200	230/460	100LG	M32E3FZCR	\$1,013	DS-3LS	1.15	375.0	66	85.5	2.3	-
2 (1.5)	3600	230/460	90S	M2E1FZCR	\$661	DS-3LS	1.15	271.0	31	84	2.7	-
	1800	230/460	90LU	M2E2FZCR	\$648	DS-3LS	1.15	318.0	37	84	2.9	-
	1200	230/460	112MU	M2E3FZCR	\$1,277	DS-3LS	1.15	397.5	86	86.5	3.3	-
3 (2.2)	3600	230/460	90L	M3E1FZCR	\$799	DS-3LS	1.15	298.0	34	85.5	3.8	-
	1800	230/460	100LR	M3E2FZCR	\$919	DS-3LS	1.15	350.0	59	87.5	4	-
	1200	230/460	132SM	M3E3FZCR	\$1,619	DS-3LS	1.15	434.0	109	87.5	4.3	-
5 (4)	3600	230/460	112MG	M5E1FZCR	\$1,063	DS-3LS	1.15	378.5	78	87.5	6.4	-
	1800	230/460	112MU	M5E2FZCR	\$1,055	DS-3LS	1.15	397.5	78	87.5	7	-
	1200	230/460	132M	M5E3FZCR	\$1,794	DS-3LS	1.15	471.0	134	87.5	7.3	-
7-1/2 (5.5)	3600	230/460	112S	M7E1FZCR	\$1,477	DS-3LS	1.15	434.0	88	88.5	8.9	-
	1800	230/460	132SM	M7E2FZCR	\$1,334	DS-3LS	1.15	471.0	134	89.5	8.8	-
	1200	230/460	160M	M7E3FZCR	\$2,811	DS-3LS	1.15	605.0	236	89.5	9.5	-
10 (7.5)	3600	230/460	132SM	M10E1FEZCR	\$1,530	DS-3LS	1.15	471.0	110	89.5	11.9	-
	1800	230/460	132M	M10E2FZCR	\$1,627	DS-3LS	1.15	471.0	155	89.5	12.4	-
	1200	230/460	160M	M10E3FZCR	\$3,648	DS-3LS	1.15	605.0	236	89.5	12.8	-