

PRODUCT INFORMATION PACKET



Model No: 193423.60
Catalog No: 193423.60
100 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 280S Frame, TEFC
Cast Iron TEFC Motors



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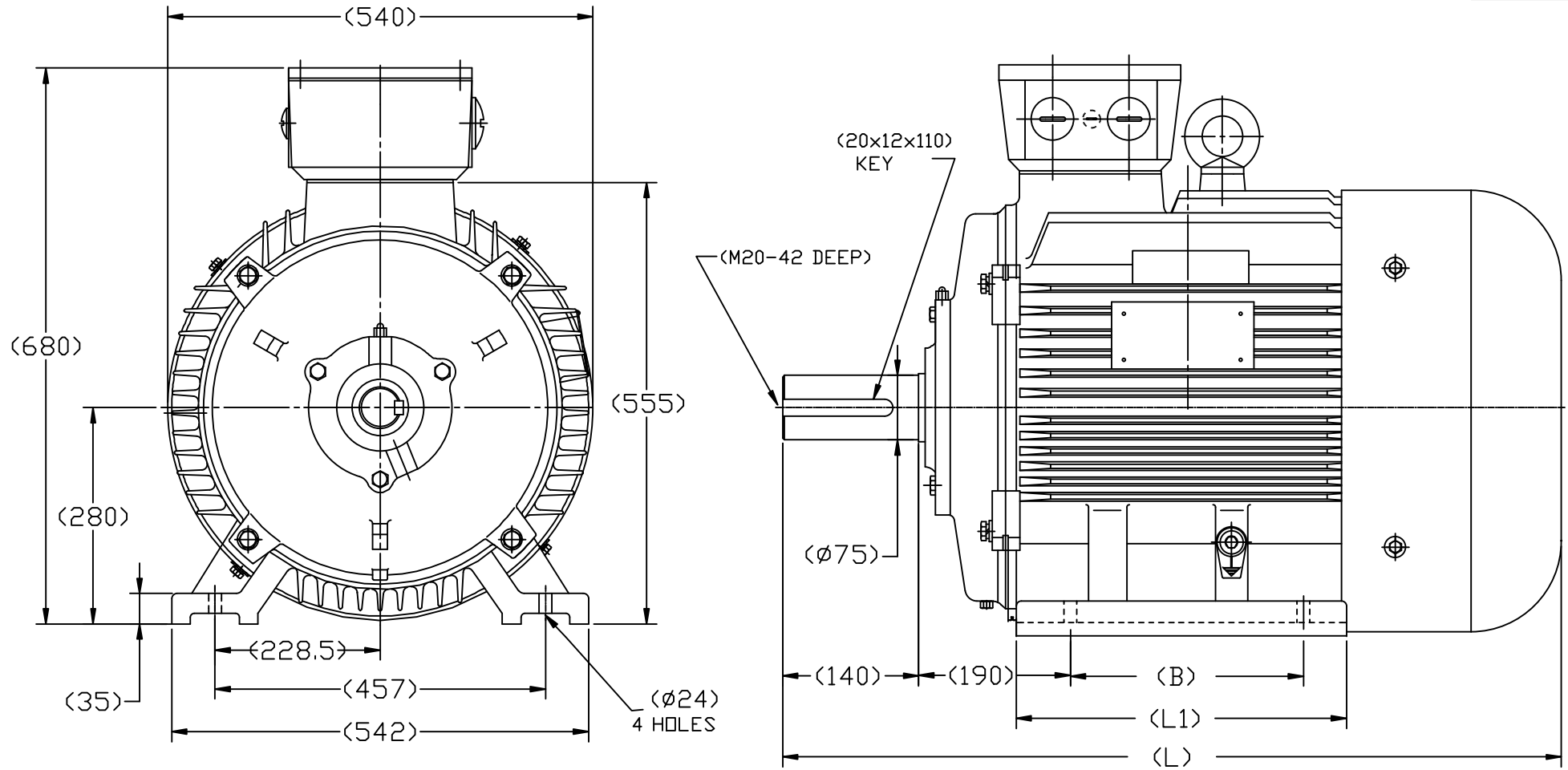
Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	226.0/113.0 A	Speed	1785 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	280S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6317	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	55

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.045 Ohms	Mounting	Rigid base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	38.39 in
Shaft Diameter	3.000 in	Shaft Extension	5.51 in
Assembly/Box Mounting	F3		

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CAT#	FRAME	B	L1	L
R502	DF280S-6R	368	485	975
R505	DF280M-6R	419	536	1026

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		.XXX	±.005		REF	R502,R505
		.XXXX	±.0005		FMF	HEBEI
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