

Product Information Packet: Model No: 825110.00, Catalog No:825110.00 Explosion Proof Motor, 125 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 444TS Frame, EPFC

Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	278.0/139.0 A	Speed	3575 rpm
Service Factor	1.15	Phase	3
Efficiency	95.4 %	Power Factor	87.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	444TS	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	UL Listed And CSA Certified	CSA	Y
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR D CL II GR F&G T3B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.0221 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	37.60 in
Frame Length	18.25 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1 Only
Inverter Load	CONSTANT 2:1		
Outline Drawing	B-SS515918LE-1825	Connection Drawing	A-EE7308K

