

PRODUCT INFORMATION PACKET



Model No: 171818.60

Catalog No: 171818.60

Severe Duty Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 215TC Frame,
TEFC

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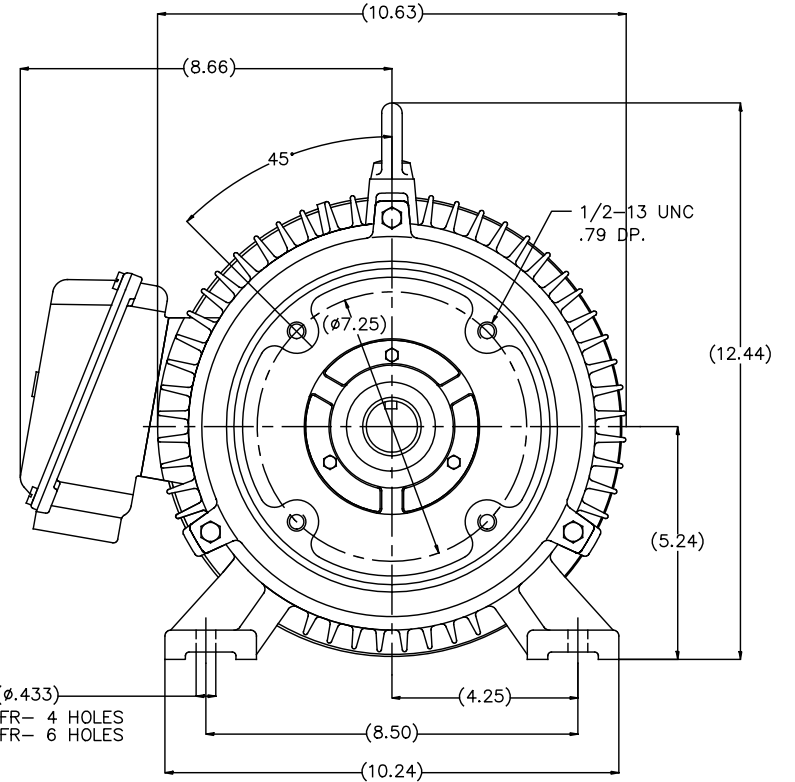
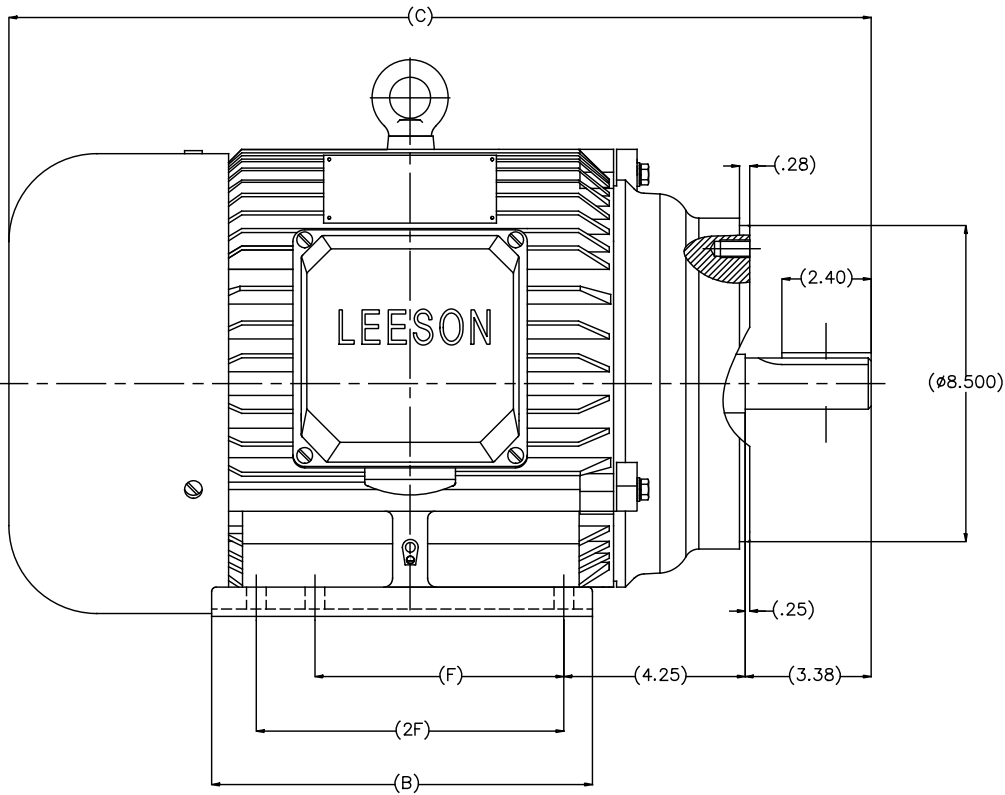
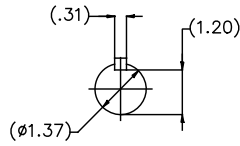
Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1180 & 985 rpm	Service Factor	1.15 & 1.15
Frame	215TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	14.4/7.2 & 11.8/5.9 A	Power Factor	71.4
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6306
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	20.47 in
Shaft Diameter	1.375 in	Shaft Extension	3.38 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1
Connection Drawing	5010.20	Outline Drawing	SS620690

SS620690



(ø.433)
213TC FR - 4 HOLES
215TC FR - 6 HOLES

(DRAWING IS NOT TO SCALE)

CATALOG NO.	FRAME	F	2F	B	C
171816.60	213TC	---	5.50	7.32	18.97
171819.60	213TC	---	---	---	---
171818.60	215TC	5.51	7.00	8.82	20.47
171821.60	215TC	---	---	---	---

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				DEC.	INCHES	CHK	
				.X	±.1	APPD AB 05/27/15	
				.XX	±.03	SCALE NONE	
				.XXX	±.005	REF	
A RELEASED FOR PRODUCTION ECO-0120292				EMH	.XXXX ±.0005	MATL	
REVISION				CHK	ANG ±1/2"	PREV	
NO.				RFP		CAD FILE SS620690.dwg	
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