

PRODUCT INFORMATION PACKET



Model No: LM33633

Catalog No: LM33633

LM33633..150HP..3600RPM.445TSC.EPFC.460VAC.3PH.60HZ.CONT.45C.1.15SF.C-FACE.....

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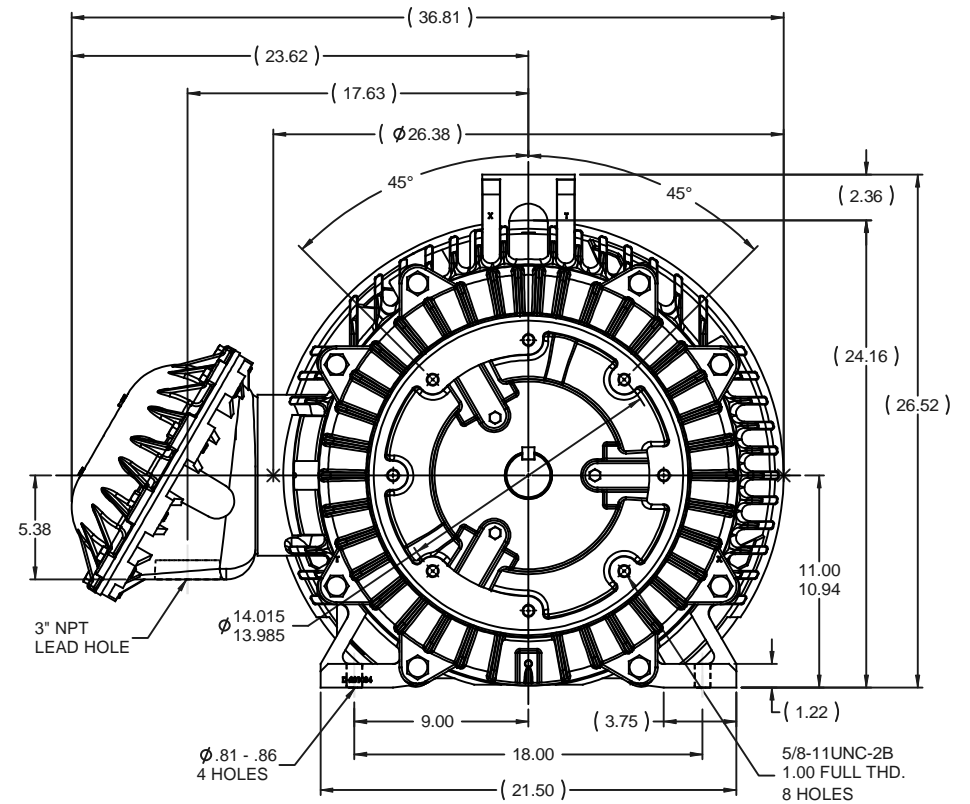
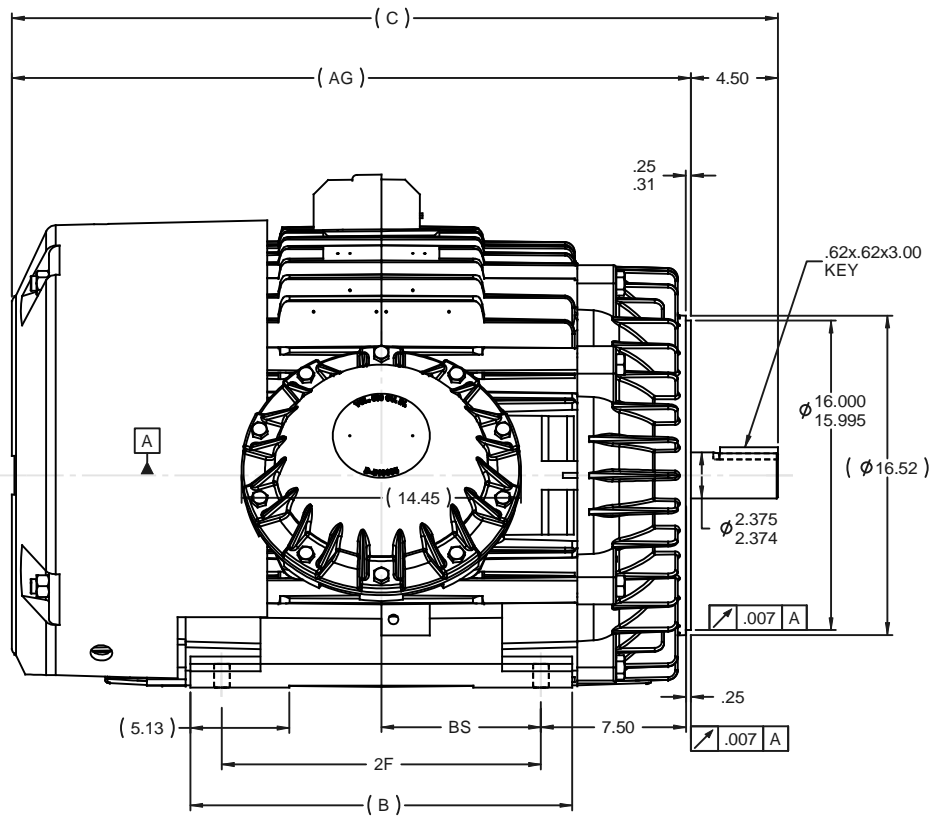


Nameplate Specifications

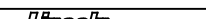
Phase	3	Output HP	150 & 125 Hp
Output KW	112.0 & 93.0 kW	Voltage	460 & 380 V
Speed	3575 & 2975 rpm	Service Factor	1.15 & 1.15
Frame	445TSC	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Efficiency	95 & 95.4 %
Ambient Temperature	45 °C	Frequency	60 & 50 Hz
Current	168 & 168 A	Power Factor	88
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.018 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F2 ONLY
Inverter Load	CONSTANT 2:1		
Outline Drawing	B-SS516096LN-2025	Connection Drawing	A-EE7300JG-LN



NOTES:
1. NAMEPLATES TO BE READ FROM CONDUIT BOX
SIDE OF MOTOR.

											TOLERANCES UNLESS SPECIFIED				DRAWN DRS 04-15-2005	
										DEC	INCHES	CHK ML 04-15-2005				
										.X	±.1	APPR GK 04-15-2005				
										.XX	±.03	SCALE 5:32				
										.XXX	±.005	TITLE OUTLINE - EXP .PR. 444/445TSC FR. - STD. - C' FACE		REF		
DASH	FRAME	C	AG	B	2F	BS	1	CHANGED CONDUIT BOX PER CN 39608	TAT 07-03-2008	ML	XXX ±.0005	MATL	FMF			
1825	444TSC	37.60	33.10	17.75	14.50	7.25	NO	REVISION	BY & DATE	CHK	ANG ±7°30'	FINISH	PREV			
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2025	445TSC	39.60	35.10	19.75	16.50	8.25				RFP		CAD FILE	SS516096LN	SIZE B	DRAWING NO SS516096LN	REV 1