

PRODUCT INFORMATION PACKET



Model No: LM80242

Catalog No: LM80242

Fire Pump Motor, 200 & 150 HP, 3 Ph, 60 & 50 Hz, 460 & 380-400 V, 3600 & 3000 RPM, 444TS Frame, DP



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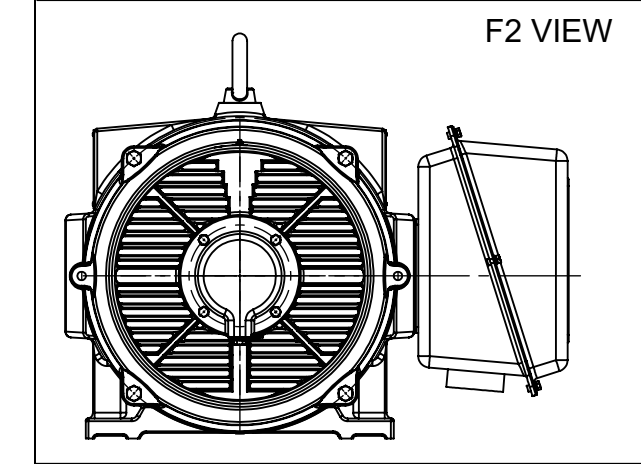
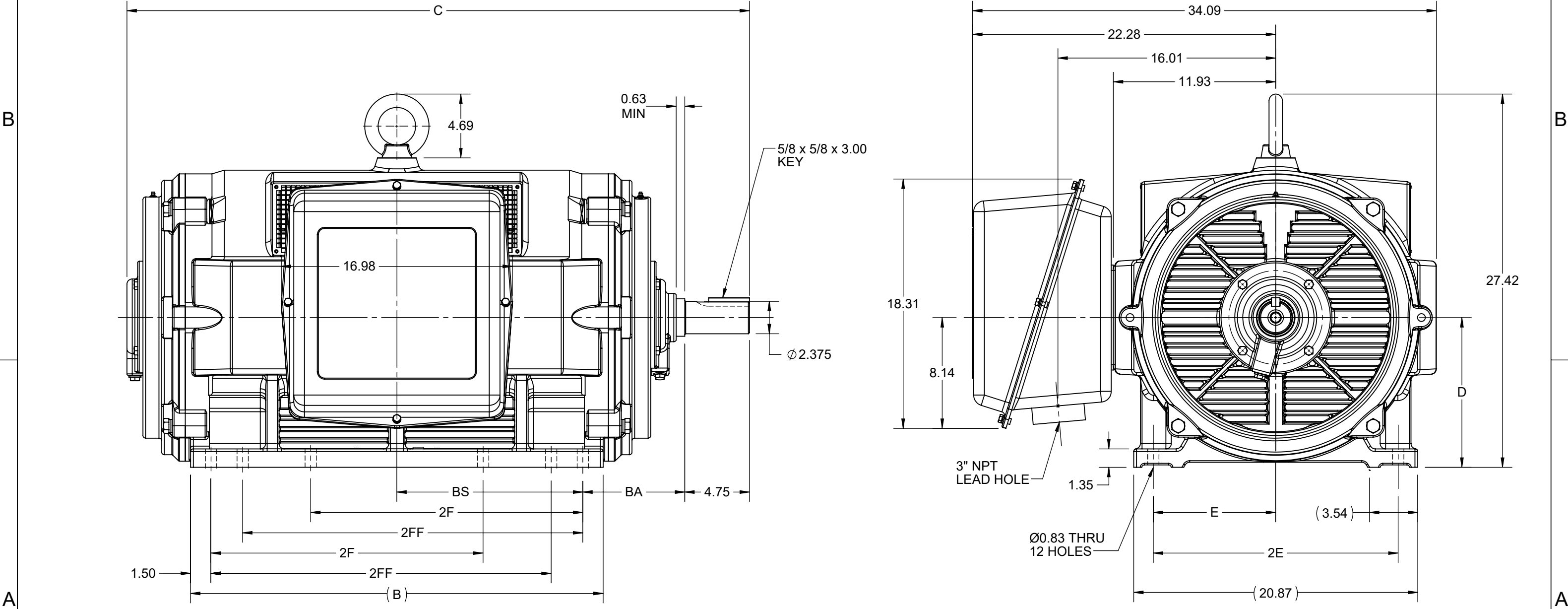
Nameplate Specifications

Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380-400 V
Speed	3575 & 2978 rpm	Service Factor	1.15 & 1.15
Frame	444TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.5 & 94.1 %
Ambient Temperature	50 °C	Frequency	60 & 50 Hz
Current	220 & 200-190 A	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	No	CSA	Y
CE	Y	IP Code	23
Number of Speeds	1		

Technical Specifications



Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.038 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	40.83 in
Frame Length	25.98 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620756-444	Connection Drawing	EE7300BH

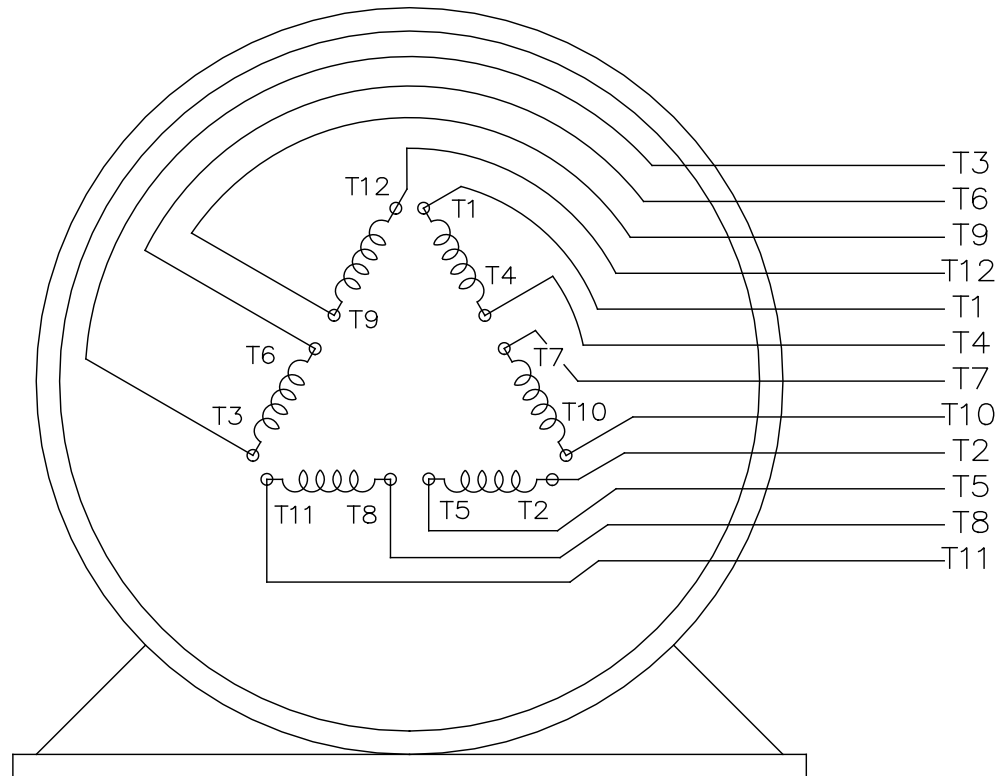
4					3					2		1	
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME		
100	25.20	40.64	11.00	9.00	18.00	14.50	16.50	7.50	11.10	F1 OR F2	444/445TS		
200	30.31	45.76				20.00	25.00		13.66		447/449TS		



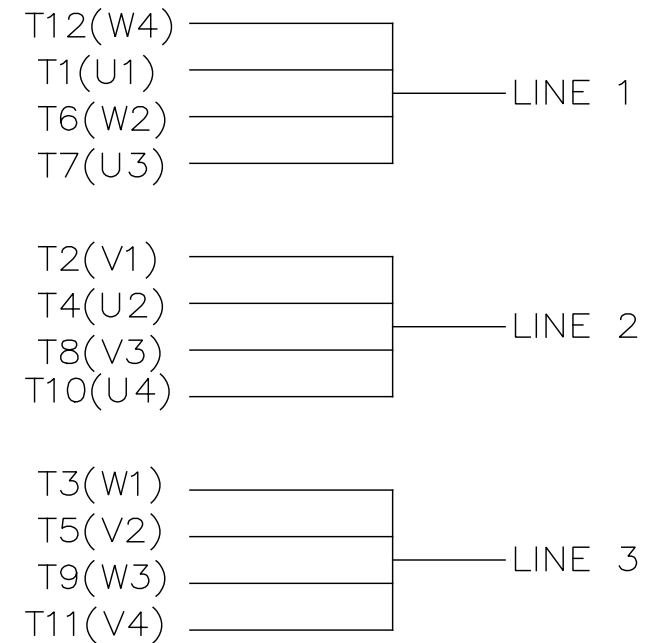
DRAWING REVISION C	REVISION BY GOPI J	REV DATE/© DATE 09/02/2022
REQUEST NUMBER CR-0006851	APPROVED BY SBD	DATE 09/02/2022
REQUEST NUMBER DESCRIPTION VIEWS UPDATED AS PER 3D		
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DRAWN BY ZXW	 Regal Beloit America, Inc.	
DATE 21/07/2016		
APPROVED BY	DESCRIPTION OUTLINE	
DATE	444/445/447/449TS FR NEMA ODP CAST IRON	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS620756
		SHEET 1 OF 1



VIEW OF TERMINAL END



				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN RJW 02-11-2005		
				DEC.	INCHES		CHK	ML	02-11-2005
				.X	±.1		APPD	GK	02-11-2005
				.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE		
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX	±.005	12 LEAD- SINGLE VOLTAGE		
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX	±.0005	MAT'L.		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP	02-11-2005	CAD FILE ee7300bh	SIZE	DRAWING NO.	PAGE OF
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