

# PRODUCT INFORMATION PACKET



Model No: 171573.00

Catalog No: 171573.00

General Purpose Motor, 200 & 200 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM, 444TS Frame,  
DP



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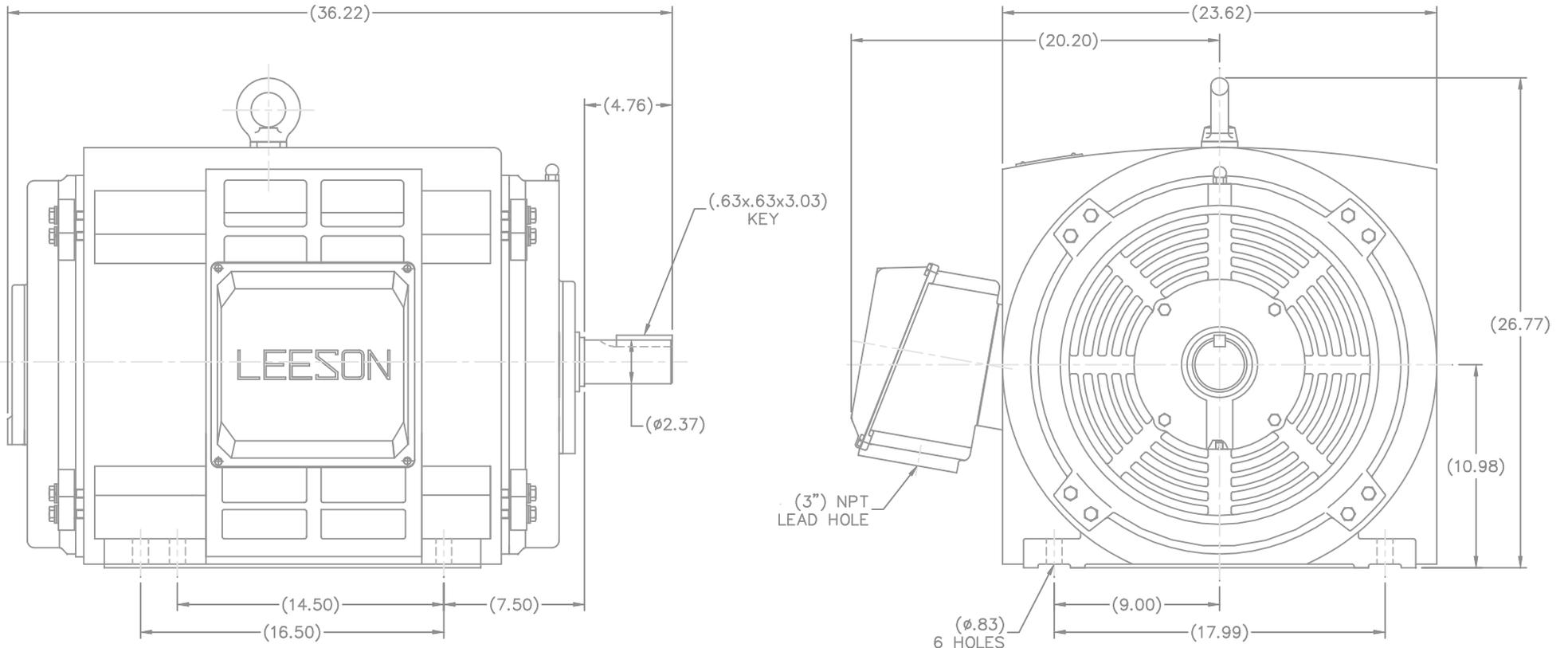


### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>200 &amp; 200 Hp</b>
Output KW	<b>149.0 &amp; 149.0 kW</b>	Voltage	<b>460 &amp; 380 V</b>
Speed	<b>3575 &amp; rpm</b>	Service Factor	<b>1.25 &amp; 1.25</b>
Frame	<b>444TS</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>95.4 &amp; 95 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>216 &amp; 264 A</b>	Power Factor	<b>90.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Drive End Bearing Size	<b>6314</b>	Opp Drive End Bearing Size	<b>6314</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>22</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

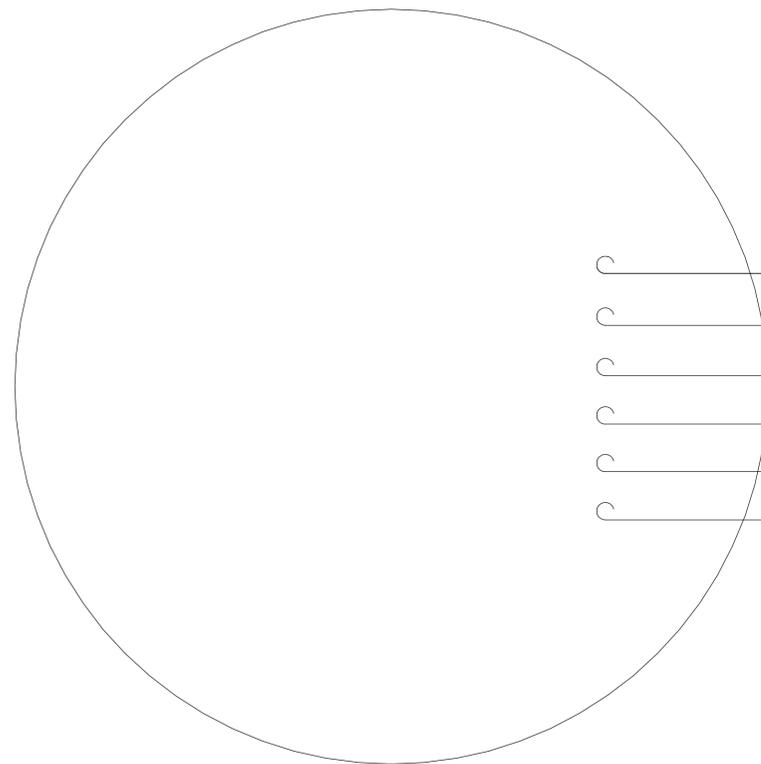
Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Wye Start Delta Run Or Inverter</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.0167 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>TS</b>	Overall Length	<b>36.22 in</b>
Shaft Diameter	<b>2.375 in</b>	Shaft Extension	<b>4.75 in</b>
Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>		
Outline Drawing	<b>SS622135LE</b>	Connection Drawing	<b>005190-01</b>



(MAY NOT BE DRAWN TO SCALE)

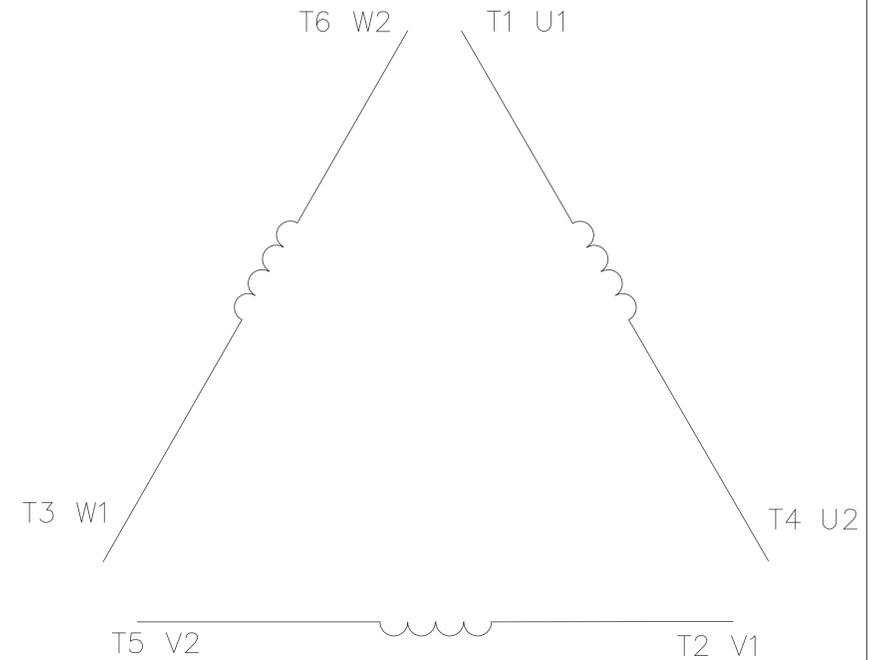
			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN MSG 05-19-2006				
NO.	REVISION	BY & DATE	CHK	ANG		SCALE	PREV			
					TITLE	OUTLINE	CHK ML 05-20-2006			
						N444TS-2W2 FR. - ODP	APPD SB 05-20-2006			
					MAT'L		SCALE 3=16			
					FINISH		REF 171573.60			
							FMF HEBEI			
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		CAD FILE	SS622135LE	SIZE B	DRAWING NO. SS622135LE	PAGE OF	REV.
			DIST							

005190-01



- T1 U1
- T2 V1
- T3 W1
- T4 U2
- T5 V2
- T6 W2

LINE LEADS



	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS OTHERWISE SPECIFIED		<b>LEESON</b> ELECTRIC CORPORATION			
				DECIMALS					
04	ADDED MAT'L (CWLE) PER ECO-0168542	DS	6/10/2019			DRAWN PG 05/07/82	EXT. WIRING DIAGRAM STAR START - DELTA RUN		
03	ADDED IEC DESIGNATIONS	MOL	4/27/2012	.00	± .01	CH'K'D. TEM			
02	REMOVED OBSOLETE STATUS	KJH	6/28/99	.000	± .005	APPR. 05/07/82	MAT'L. Y-CONNECTED START (CWLE) DELTA CONNECTED RUN - SINGLE VOLTAGE		
01	REDRAWN ON CAD	DBT	05/30/97	.0000	± .0005	SCALE 1=1			
NO.	REVISION	BY	DATE	FRACTIONS	± 1/64	REF. T2E	FINISH	SIZE	DRAWING NO.
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				ANGLES	± 1/2'	FMF		A	005190-01
				INCH/MM					