

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 404TSTDS4308

Catalog No: U453

General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM, 404TSC Frame,  
DP



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.  
©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E

**RegalRexnord**

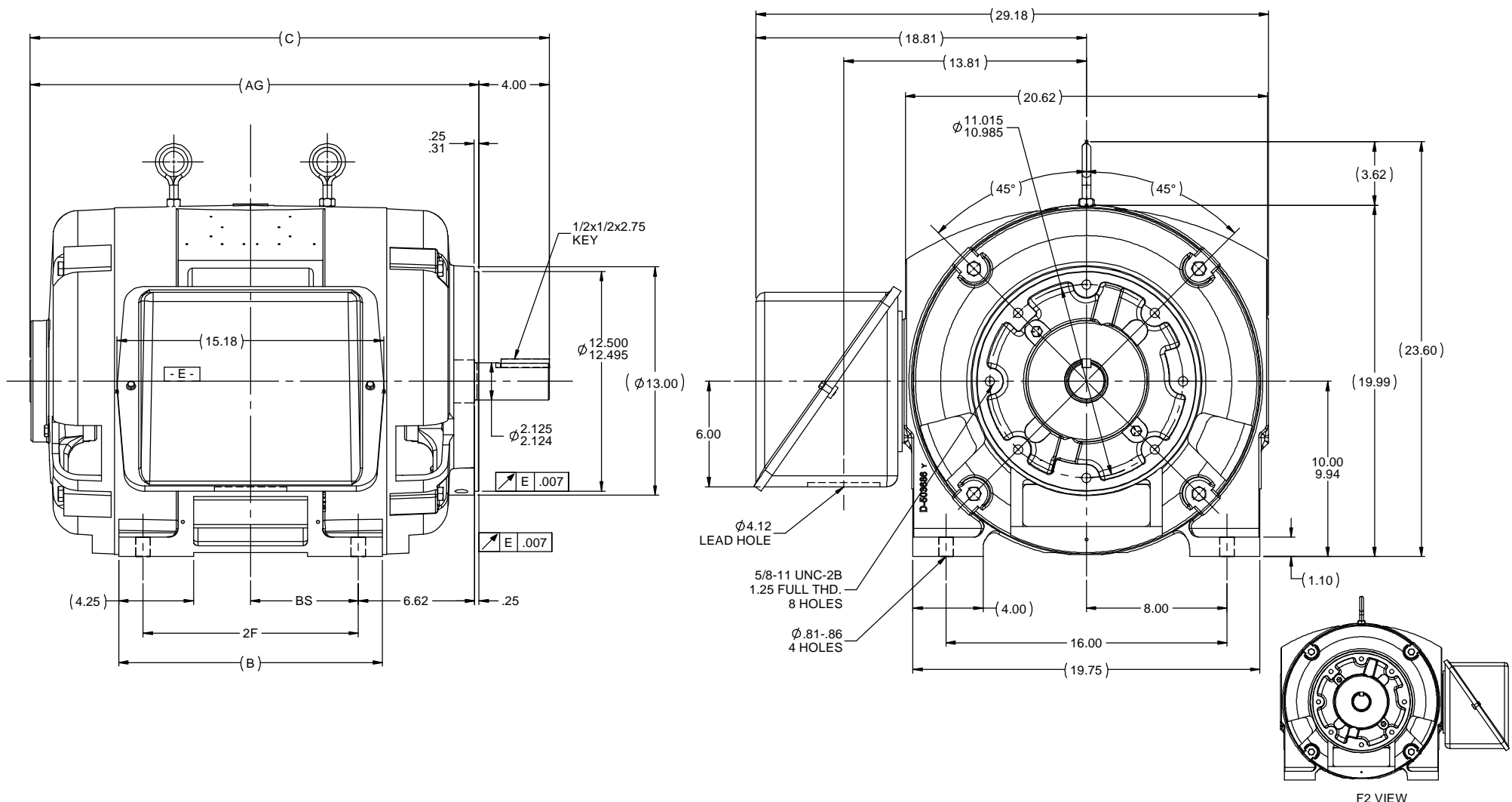


**Nameplate Specifications**

Phase	<b>3</b>	Output HP	<b>125 &amp; 100 Hp</b>
Output KW	<b>93.0 &amp; 75.0 kW</b>	Voltage	<b>460 &amp; 380 V</b>
Speed	<b>3560 &amp; 2960 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>404TSC</b>	Enclosure	<b>Drip Proof</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>93.6 &amp; 93 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>142 &amp; 136 A</b>	Power Factor	<b>88</b>
Duty	<b>Continuous</b>	Insulation Class	<b>B</b>
Design Code	<b>B</b>	KVA Code	<b>F</b>
Drive End Bearing Size	<b>6313</b>	Opp Drive End Bearing Size	<b>6313</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>12</b>
Number of Speeds	<b>1</b>		

**Technical Specifications**

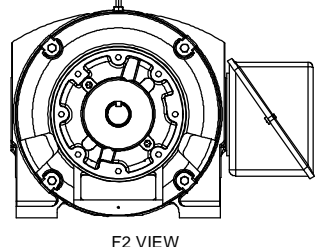
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Part Wdg Start &amp; Wye Start Delta Run</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.055 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>TS</b>	Overall Length	<b>29.50 in</b>
Frame Length	<b>15.50 in</b>	Shaft Diameter	<b>2.125 in</b>
Shaft Extension	<b>4 in</b>	Assembly/Box Mounting	<b>F1/F2 CAPABLE</b>
Outline Drawing	<b>B-SS510954-1550</b>	Connection Drawing	<b>A-EE7300BH</b>

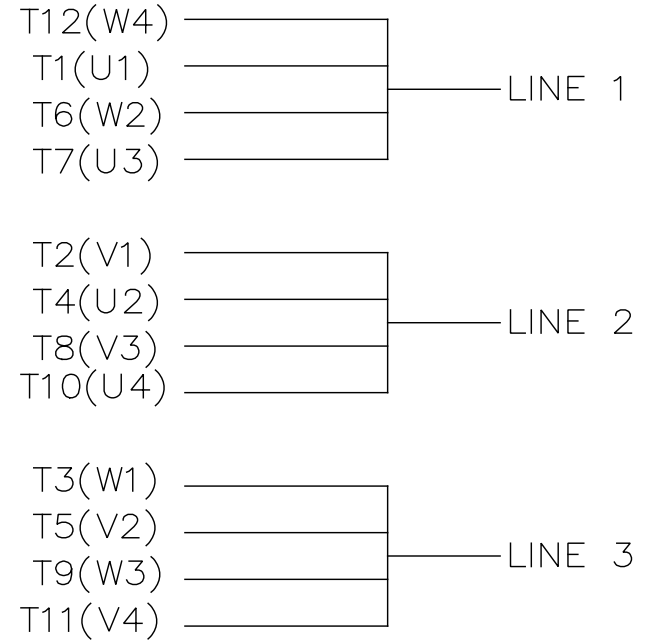


- NOTES:
1. BOX CAN BE ROTATED IN 90 ° STEPS.
  2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180 °.
  3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	AG	BS
1550	404TSC	15.00	29.50	12.25	25.50	6.12
1700	405TSC	16.50	31.00	13.75	27.00	6.88

REVISION		BY & DATE	CHK	LANG	± 1/2°	FINISH	PREV	SIZE	DRAWING NO	REV
07	ADDED F2 VIEW PER MU108019, REDRAWN IN SOLIDWORKS	JG 07/16/2012	DJK	DEC	INCHES			B	SS510954	07
06	REDRAWN IN AUTOCAD	TAT 06/29/2004	ML	X	±.1					
05	REPLACED ONE EYEBOLT FOR TWO CN28063	BJW 2/10/2000	XX		±.03	TITLE	OUTLINE			
04	UPDATED C'BOX GEOMETRY CN28063	TRB 02/10/2000	XXX		±.005		400TSC FR. - DR. PR. - (STD) - C'FACE			
03	REDRAWN IN AUTOCAD	TLB 02/29/1988	XXXXX		±.0005	MATL				
NO										





VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		REGAL 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		REF			
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX ±.0005	MAT'L.		FMF			
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 A	DRAWING NO. EE7300BH	PAGE OF	REV. C
						DIST LB					