

# PRODUCT INFORMATION PACKET

Model No: 056T17T5305  
Catalog No: G580  
1/3,1725,TENV,56C,3/60/208-230/460  
Totally Enclosed Non-Ventilated (TENV)



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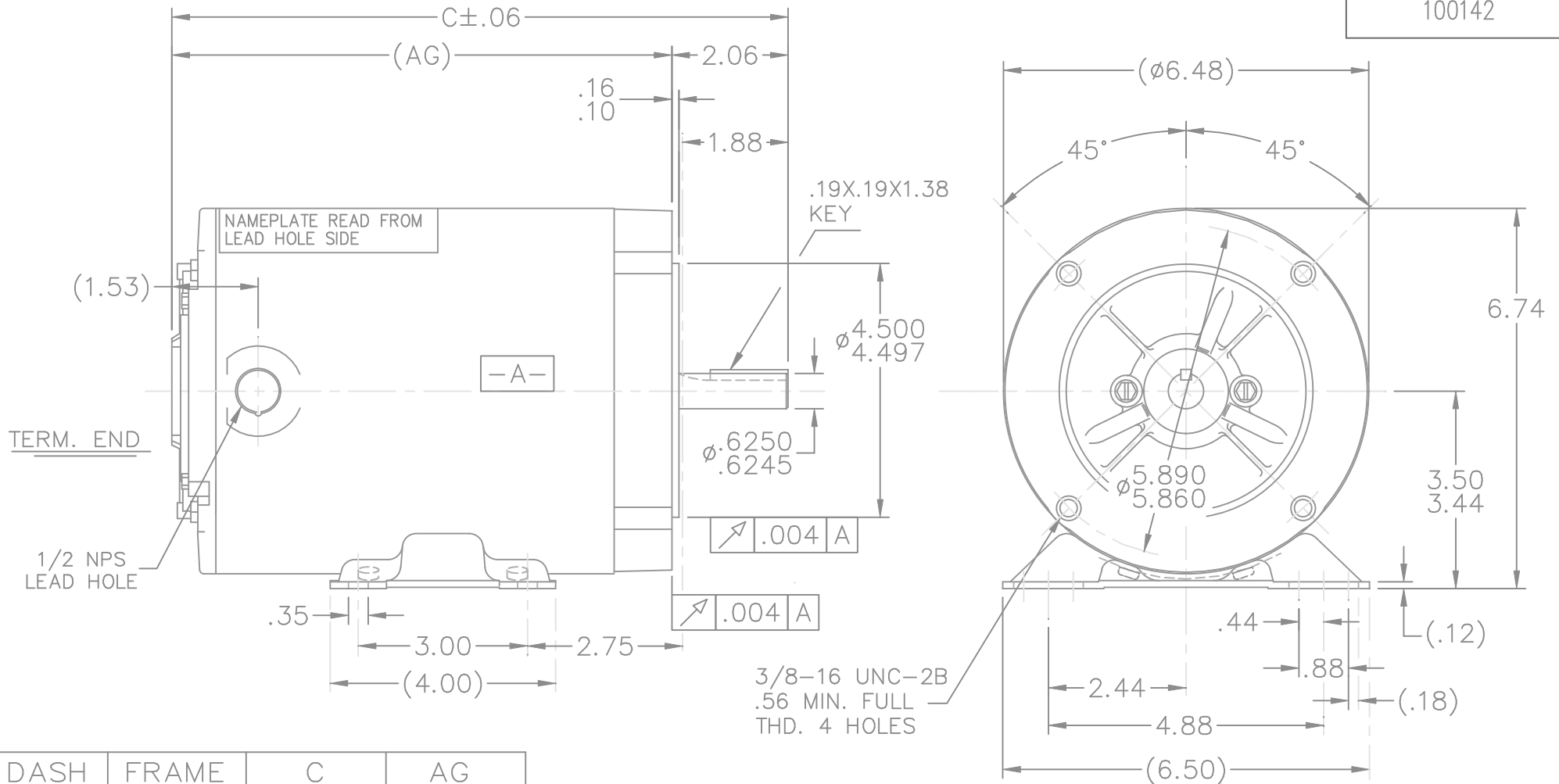
### Nameplate Specifications

Output HP	<b>0.33 Hp</b>	Output KW	<b>0.25 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>1.8-1.6/0.80 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>68 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>N</b>	Frame	<b>56C</b>
Enclosure	<b>Totally Enclosed Non Ventilated</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

### Technical Specifications

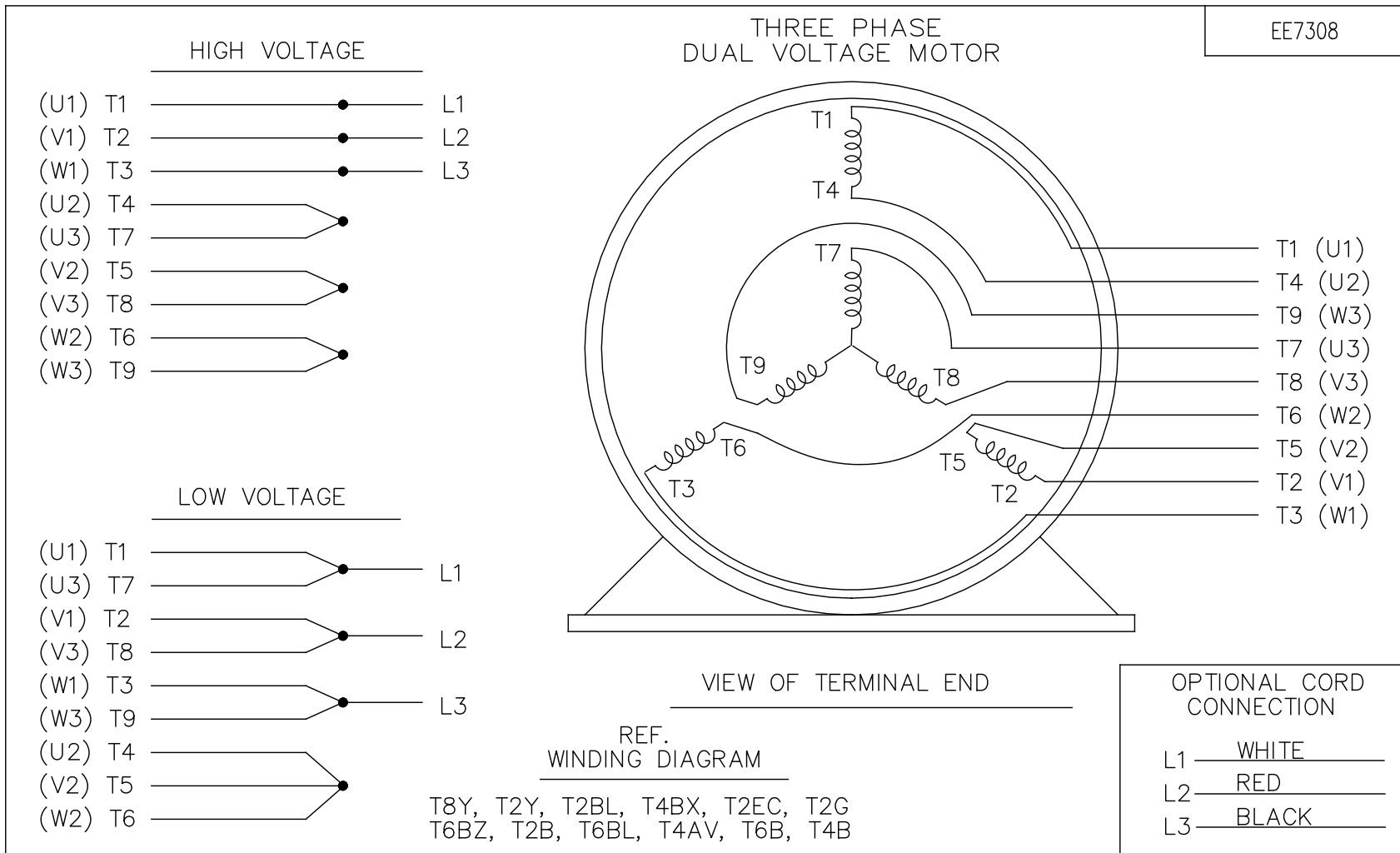
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Bolt-on Base</b>	Motor Orientation	<b>Horizontal Or Up Or Down</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>NEMA 56</b>
Overall Length	<b>9.93 in</b>	Frame Length	<b>6.06 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>2.06 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-100142-606</b>	Connection Diagram	<b>A-EE7308</b>

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DASH	FRAME	C	AG
606	56-60	9.93	7.87
656	56-65	10.43	8.37

				TOLERANCES UNLESS SPECIFIED			DRAWN KL 04-15-1994			
				DEC.	INCHES		CHK ML 04-16-1994			
				.X	±.1		APPD GK 04-16-1994			
5	REDRAWN IN AUTOCAD	TAT 06-29-2004	ML	.XX	±.03	TITLE OUTLINE 56 FR.-BB-3 PHASE-'C' FACE (DIST.)	SCALE 3=8			
4	UPDATED TO NEW REAR BRACKET	BLR		.XXX	±.005		REF			
3	REDRAWN ON CADD - NO CHANGE	KL 04-16-1994		.XXXX	±.0005	MAT'L. FINISH	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"		PREV			
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				DIST	WP					



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	DRAWN RM				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES	<b>Regal Beloit America, Inc.</b>	11/20/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		CHK ML 11/21/1990				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	APPD SAS 04/24/2003				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		SCALE 1=1				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.	REF				
					±7'30"		FMF				
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FORM 3531 REV.3 02/07/99

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Submital  
Data @ 460 V

Date: 8/24/2017  
 Customer:   
 Attention:   
 Submitted by: VINAYAK VERARTE

Motor Load Data

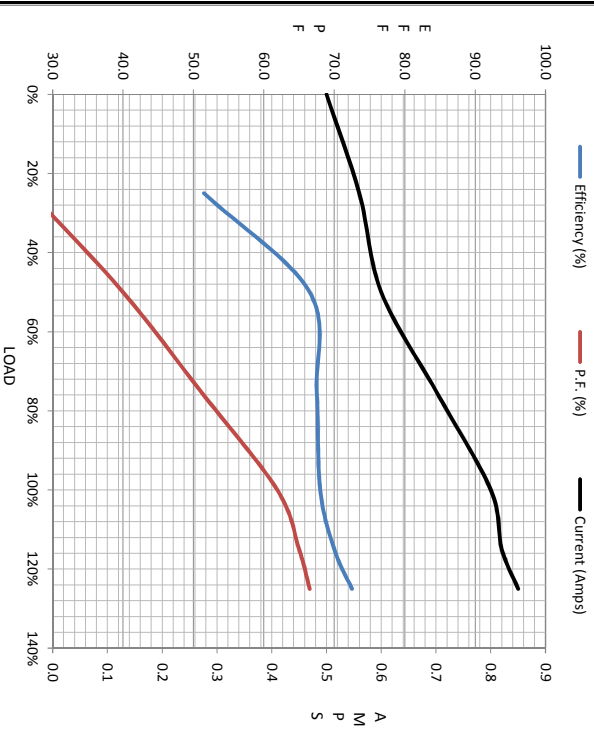
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	0.50	0.56	0.60	0.70	0.80	0.82	0.85	5.0
Torque (ft-lb)	0.00	0.25	0.50	0.75	1.00	1.20	1.30	4.3
RPM	1800	1785	1770	1750	1725	1,720	1715	0
Efficiency (%)		51.5	66.5	67.5	68.0	70.0	72.5	
P.F. (%)	12.5	27.0	40.0	51.0	61.9	65.0	66.5	70.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1565	1725	1800
Current (Amps)	5.0	4.5	3.6	0.80	0.50
Torque (ft-lb)	4.3	3.9	5.3	1.00	0.00

Information Block

HP	0.3
Sync. RPM	1800
Frame	56
Enclosure	TENV
Construction	TR
Voltage	208-230/460#190/380 V
Frequency	60 Hz
Design	B
LR Code letter	N
Service Factor	1.15
Temp Rise @ FL	50 °C
Duty	CONT
Ambient	40 °C
Elevation	1,000 feet
Rotor/Shaft wkt	0.04 Lb-Ft²
Ref Wdg	ZT412 TR
Sound Pressure @ 1M	62 dBA
VFD Rating	NONE
Outline Dwg	A-100142-606
Conn. Diag	A-EE7308
Additional Specifications:	
0	
EQUIV CKT (OHMS / PHASE)	
R1	R2
23.9940	18.2320
X1	X2
27.8640	18.5760
Xm	
489.3400	



Speed -Torque Curve

