

PRODUCT INFORMATION PACKET

Model No: 056T34D5352

Catalog No: J045

Jet Pump Motor, 2 & 1.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM, 56J Frame, DP



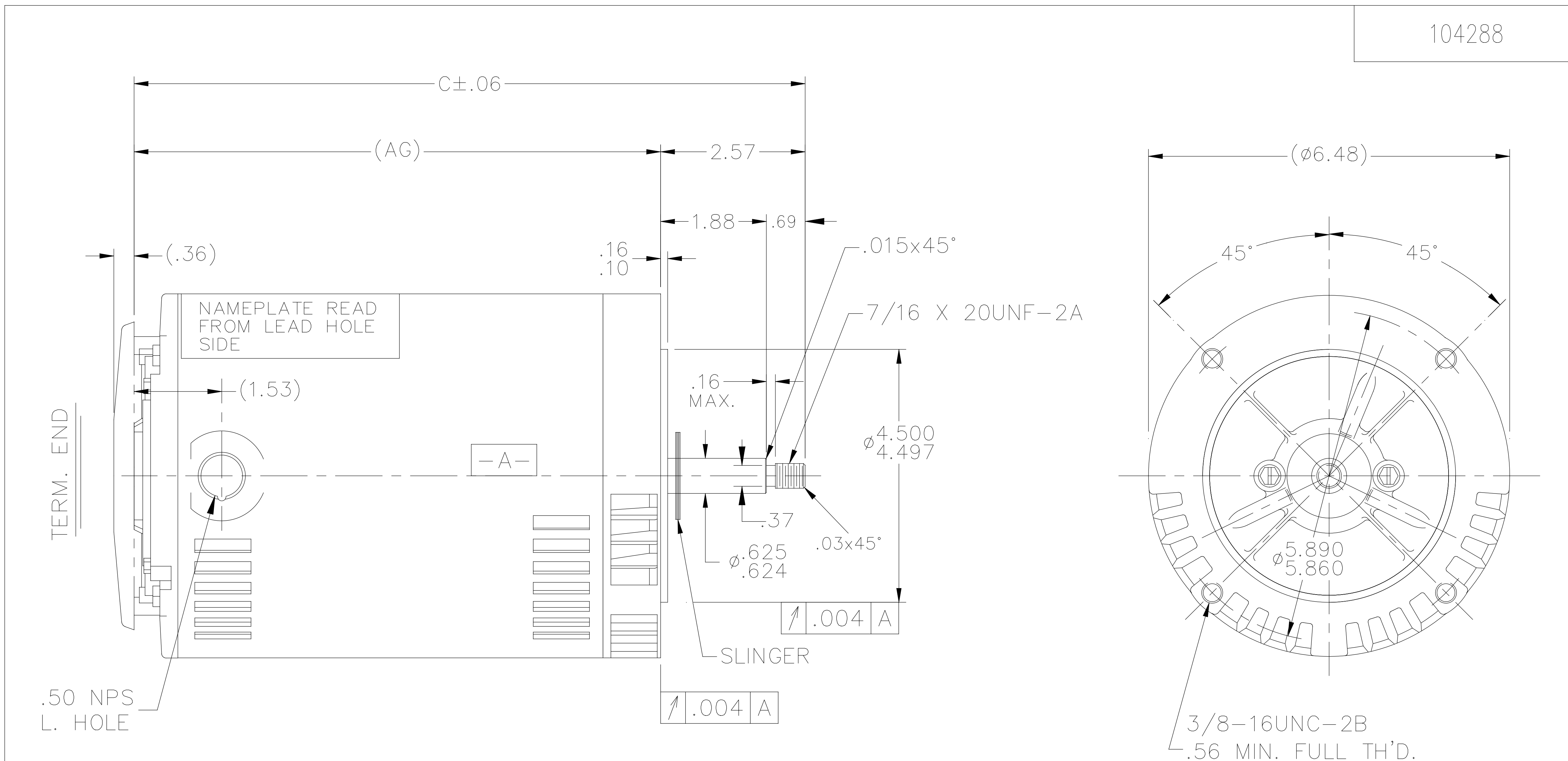
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Nameplate Specifications

Phase	3	Output HP	2 & 1.50 Hp
Output KW	1.5 & 1.1 kW	Voltage	208-230/460 & 190/380 V
Speed	3450 & 2910 rpm	Service Factor	1.2 & 1.2
Frame	56J	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	80 & 79.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	6.4-6.2/3.1 & 6/3 A	Power Factor	78.2
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	J
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	2.65 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	J	Overall Length	10.94 in
Frame Length	6.56 in	Shaft Diameter	0.630 in
Shaft Extension	2.57 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308	Outline Drawing	A-104288-656

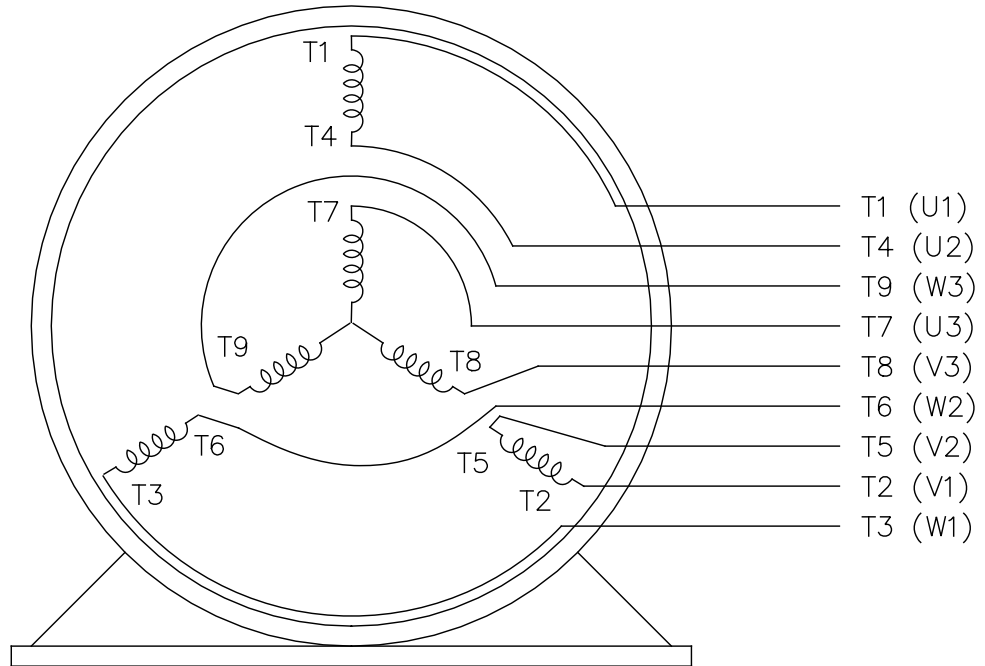
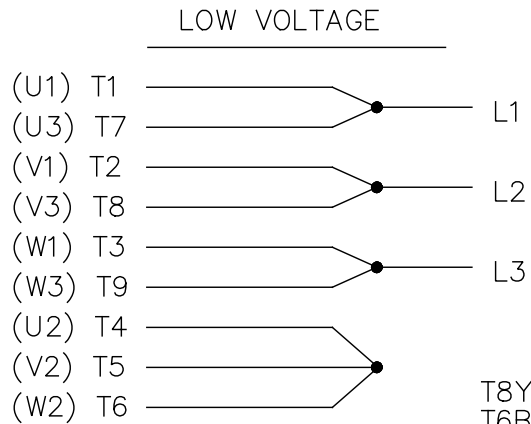
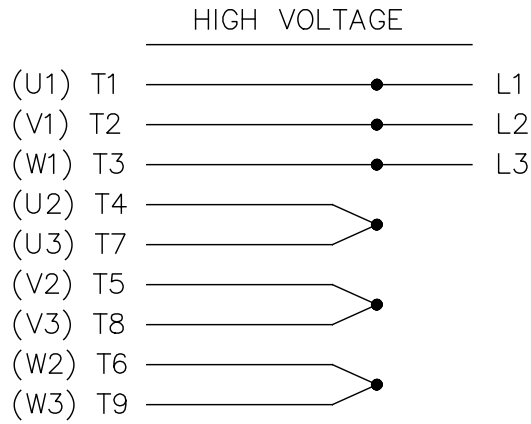


DASH	FR.	C	AG		DASH	FR.	C	AG	
606	56-60	10.44	7.87		806	56-80	12.44	9.87	
656	"-65	10.94	8.37		856	"-85	12.94	10.37	
706	"-70	11.44	8.87		906	"-90	13.44	10.87	
756	"-75	11.94	9.37		956	"-95	13.94	11.37	

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		REGAL™ Regal Beloit America, Inc.	DRAWN MH 04-17-1997
				DEC.	INCHES		
F	UPDATED TEMPLATE TO REGAL	SM 5/18/2017	SM	.X	±.1	TITLE OUTLINE 56 FR.-BB-DR.PR.-C' FACE-3ø	CHK ML 04-18-1997
3	REDRAWN IN AUTOCAD	TAT 07-13-2004	ML	.XX	±.03		APPD DAR 04-22-1997
2	REMOVED INTERNAL THREAD FROM SHAFT CN 24715	MJD 08-25-1997		.XXX	±.005	MAT'L.	SCALE 3=8
1	NEW DRAWING CN 24169	MH 04-22-1997		.XXXX	±.0005	FINISH	REF
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						DIST WP	CAD FILE 104288
						SIZE A	DRAWING NO. 104288
							PAGE OF REV. F

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

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



Regal Beloit America, Inc.

** Subject to change without notice.

Data Sheet

56T34D5352

Date: 12/13/2018
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



Submittal

Data @ 460 V

Motor Load Data

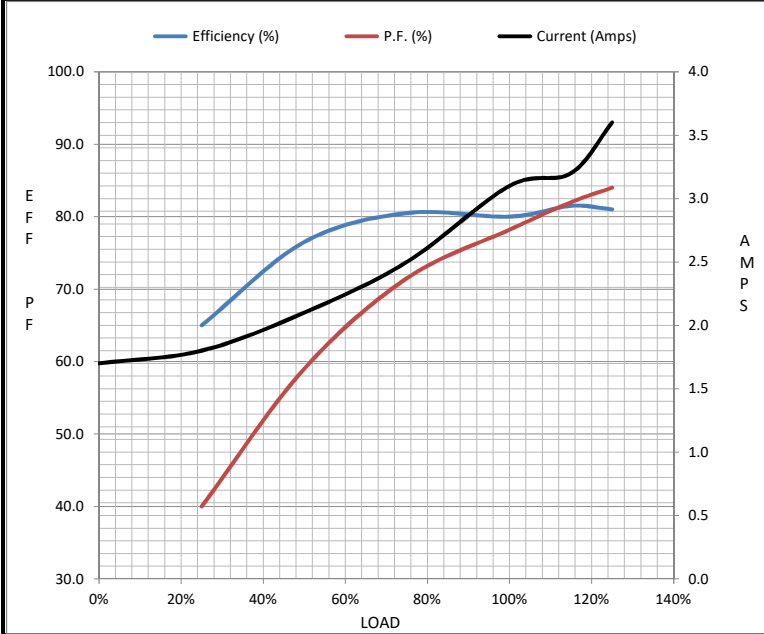
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	1.80	2.10	2.50	3.1	3.2	3.6	19.5
Torque (ft-lb)	0.00	0.74	1.50	2.20	3.0	3.5	3.8	7.0
RPM	3600	3575	3552	3528	3505	3483	3470	0
Efficiency (%)		65.0	76.5	80.5	80.0	81.5	81.0	
P.F. (%)	12.5	40.0	59.0	71.5	78.2	82.0	84.0	69.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1000	2700	3505	3600
Current (Amps)	19.5	18.0	13.5	3.1	1.70
Torque (ft-lb)	7.0	7.0	10.0	3.0	0.00

Information Block

HP	2.0			
Sync. RPM	3600			
Frame	56			
Enclosure	DP			
Construction	TS			
Voltage	208-230/460#190/380 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.2			
Temp Rise @ FL	60 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.03 Lb-Ft ²			
Ref Wdg	ZT202 DR			
Sound Pressure @ 1M	68 dBA			
VFD Rating	NONE			
Outline Dwg	A-104288-656			
Conn. Diag	A-EE7308			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
7.0900	2.8360	8.5080	5.6720	171.5780



Speed - Torque Curve

