PRODUCT INFORMATION PACKET

Model No: 056T11ORR40002A2
Catalog No: H1051AV1
JuggerNaut® Condenser Fan Motor, 1.5&1 HP, 3 Ph, 60/50 Hz, 230/460&190/380 V, 56HZ Frame, OPAO

Operational at 208-230/460 V @60HZ



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Nameplate Specifications

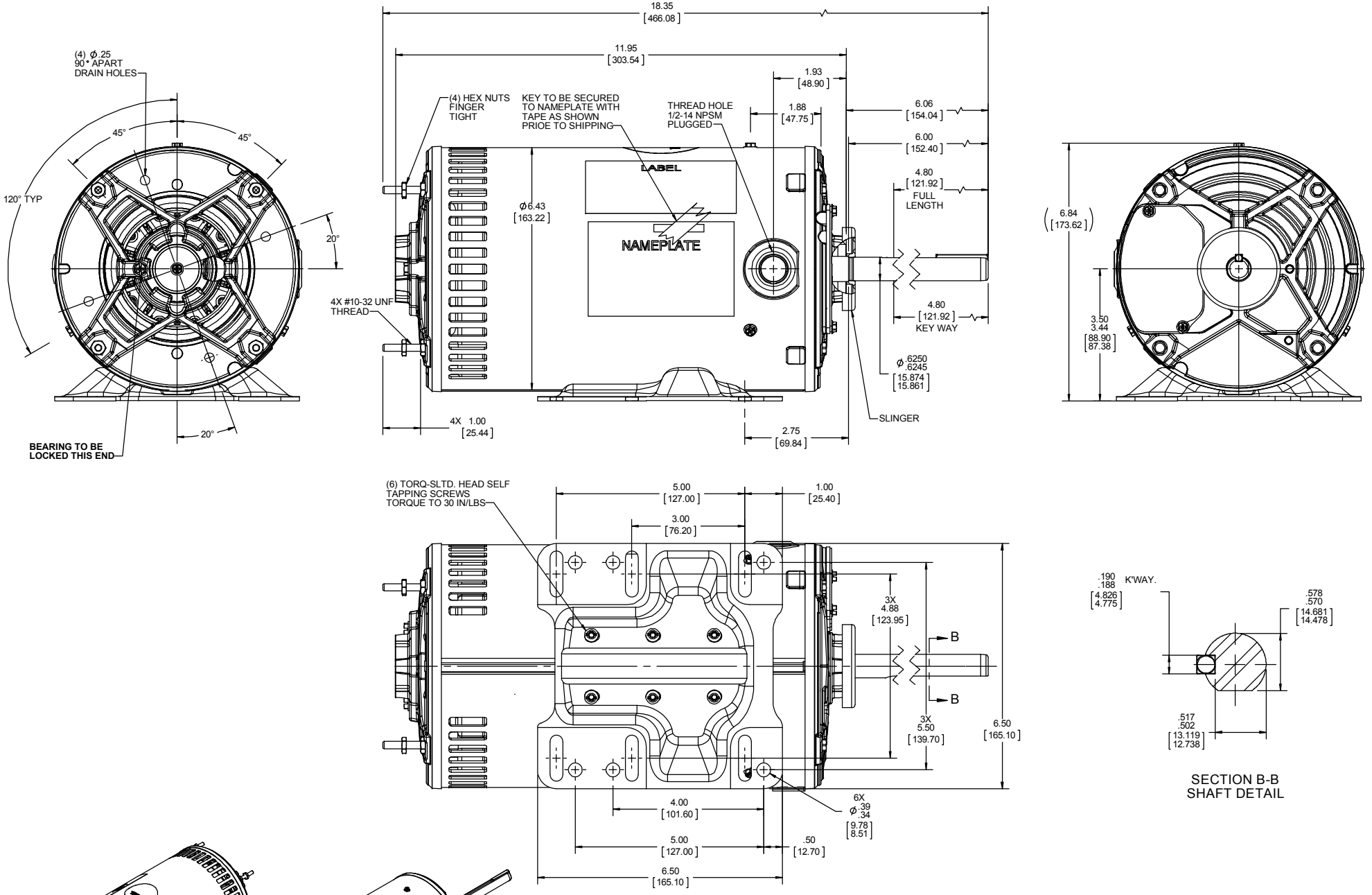
Phase	3	Output HP	1.5&1 Hp
Voltage	230/460&190/380 V	Speed	1140/950 rpm
Service Factor	1	Frame	56HZ
Enclosure	Open Air Over	Thermal Protection	Thermally Protected
Efficiency	80&77 %	Ambient Temperature	70 °C
Frequency	60/50 Hz	Current	6/3&5.4/2.7 A
Duty	Continuous	Insulation Class	F
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

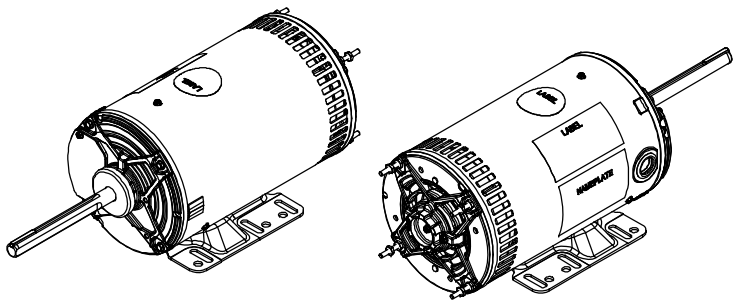
Electrical Type	Squirrel Cage Induction Run	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Mounting	Bolt-on Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Frame Length	9.65 in
Shaft Diameter	0.625 in	Shaft Extension	6 in
Outline Drawing	OL56100593-001		

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SECTION B-B
SHAFT DETAIL



NOTE:
BASE TO BE ATTACHED WITH SCREWS. DO NOT WELD.

DRAWING REVISION: C	REVISION BY: SHESHI	DATE: 02/08/2019
ECO: ECO-0161442	APPROVED BY: PVR	DATE: 02/08/2019
ECO DESCRIPTION: UPDATED MOTOR ASSY		

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: 125/ INCH 3.2/ mm
mm SHOWN IN [BRACKETS]

DRAWN BY: SHESHI	Regal Beloit America, Inc.
DATE: 11/14/2018	
APPROVED BY: PVR	DESCRIPTION: OUTLINE
DATE: 11/15/2018	56FR,OAO,RIGID BASE
REFERENCE: OL56100351	MATERIAL / PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE: C — DRAWING NUMBER: OL56100593-001 — SHEET: 1 OF1

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CERTIFICATION DATA SHEET

CUSTOMER:

CUSTOMER PO#:

ORDER #:

CONN. DIAGRAM: CDTD102

CUSTOMER PART #:

OUTLINE: OL56100593-001

MOUNTING: F1 ONLY

WINDING #: NT56614 3 B

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2&1	1.12&0.75	1200	1140&950	56HZ	OPAO	J	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	208-230/460&190/380	5.6-6/3&5.4/2.7	ACROSS THE LINE	CONTINUOUS	F3	1.0/1.0	70

FULL LOAD EFF:	80&77	3/4 LOAD EFF:	80	1/2 LOAD EFF:	77.4	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	59&54	3/4 LOAD PF:	50.2	1/2 LOAD PF:	38.4	77	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6.75 LB-FT	29.1 / 14.5	17.23 LB-FT 255 %	22.34 LB-FT 331 %	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	SHAFT UP	FALSE	NONE	FALSE	NONE	BLACK (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	SGL SPL EXT	SPECIAL	NONE	AISI 1144 (MS1103)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: NONE
INV. HP SPEED RANGE: NONE

ENCODER: NONE
NONE NONE
NONE NONE PPR

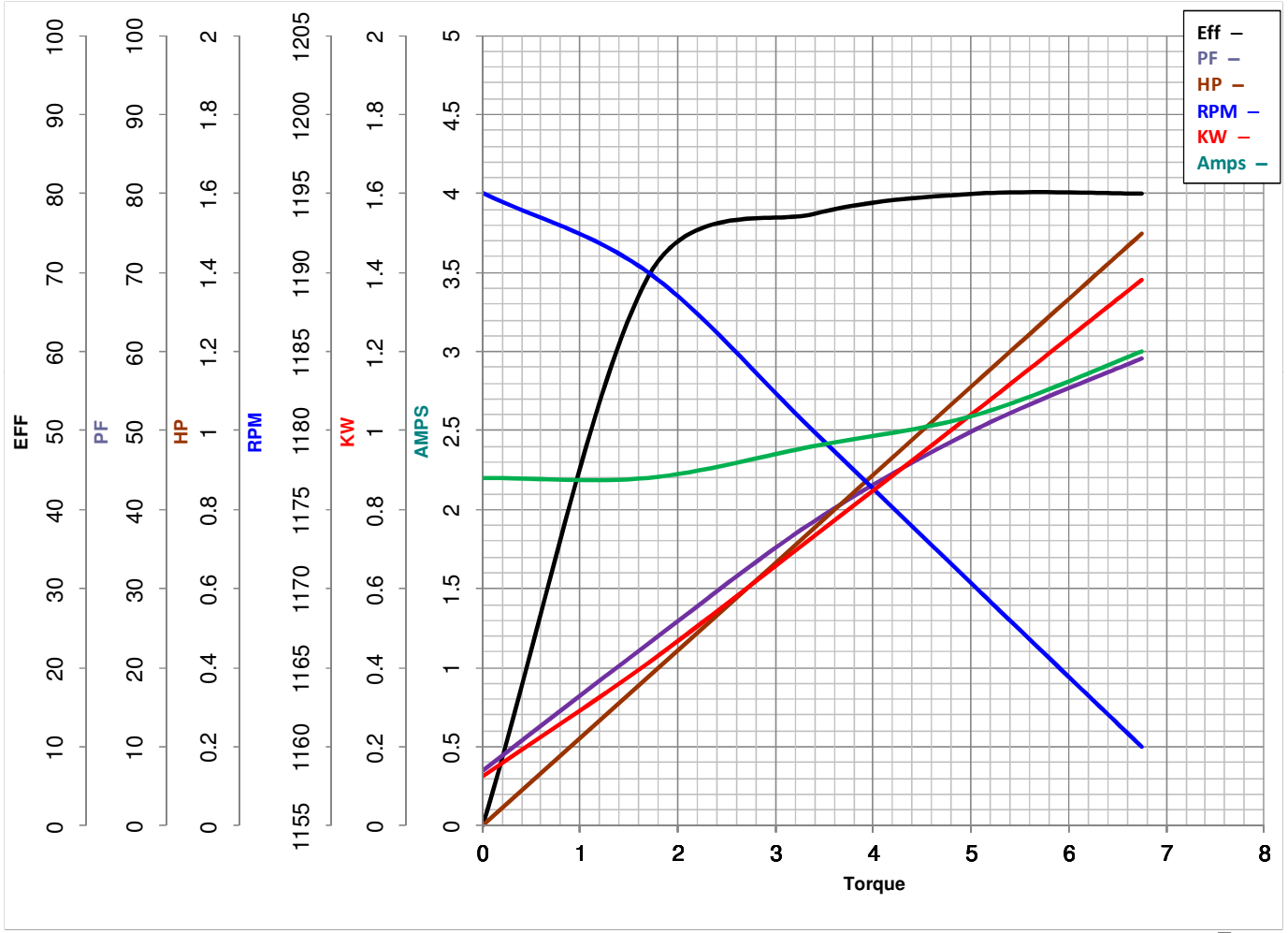
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

PREPARED BY: Bhargavi Dontham
DATE: 02/08/2019 04:52:30 AM
FORM 3531 REV.3 02/07/99
** Subject to change without notice.

CENTURY

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer		**Curve at**	460	**Volts**	**HP** 1.5&1	**PHASE**	3
			60	**HZ**			
Model No	56T11ORR40002A2		1.5	**HP**	**VOLTS** 208-230/460&190/380		
Catalog No	H1051AV1				**HZ** 60&50	**RPM**	1140&950



Torque in Lb.Ft

FL TORQUE	6.75	**Lb.Ft**	**FL AMPS**	5.6-6/3	
BD TORQUE	22.3	**Lb.Ft**	**PU TORQUE**	17.2	**Lb.Ft**
LR TORQUE	17.23	**Lb.Ft**	**LR AMPS**	14.54	
WINDING	NT56614-3	**Prepared By**	BHARGAVI	**Date**	2/4/2019