

PRODUCT INFORMATION PACKET



Model No: 191949.00

Catalog No: 191949.00

SST Duck™ General Purpose Motor, 0.50 & 0.33 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,
1800 & 1500 RPM, 56C Frame, TEFC

Operational at 208-230/460 V @60HZ



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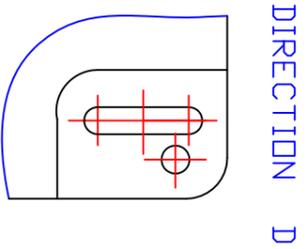
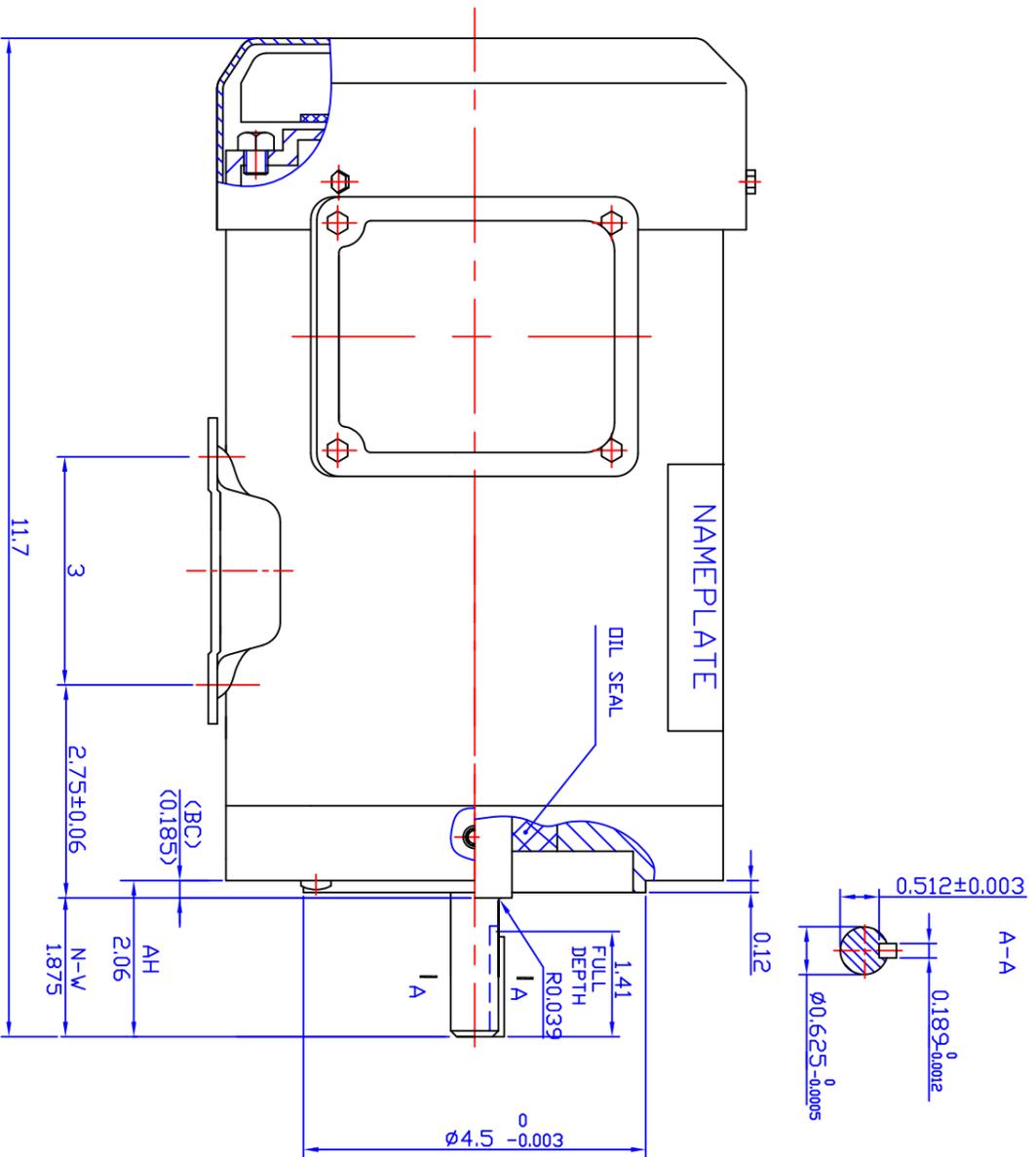
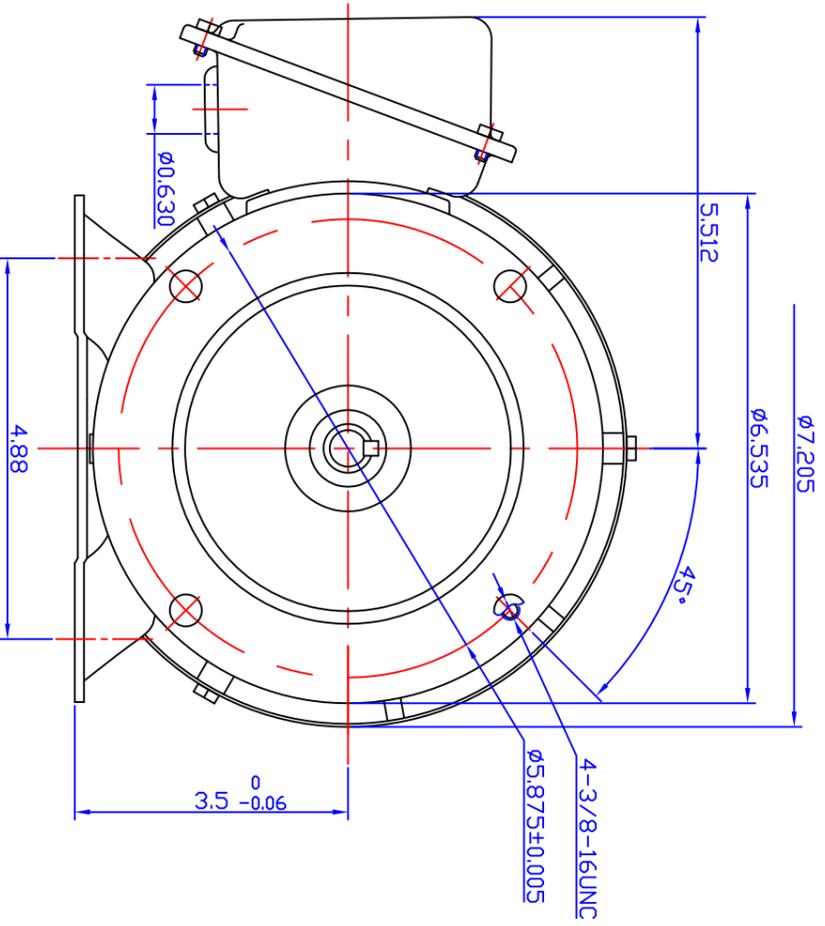


Nameplate Specifications

Phase	3	Output HP	0.50 & 0.33 Hp
Output KW	0.37 & 0.25 kW	Voltage	230/460 & 190/380 V
Speed	1740 & 1440 rpm	Service Factor	1.15 & 1.15
Frame	56C	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	72 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	2.0/1.0 & 1.8/.90 A	Power Factor	68
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Drive End Bearing Size	6205	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	N	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	NEMA 56	Overall Length	11.70 in
Frame Length	5.49 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	OL19194900	Connection Drawing	005010.01



LSC NUMBER	HP	VOL.T	HZ	POLE	FRAME	ENCLOSURE
191949.00	1/2	208-230/460	60	4P	56C FOOTED	TEFC
191950.00	3/4	208-230/460	60	4P	56C FOOTED	

TOLERANCES UNLESS OTHERWISE SPECIFIED		191949&191950 outline drawing	
DEC.	INCHES	METRIC	TITLE
X	±.1	±2.5	DRAWN
.XX	±.03	±.76	APPR.
.XXX	±.005	±0.127	R.F.P.
.XXXX	±.0005	±0.0127	SCALE
FRACTIONS	±1/84	REF.	FINISH 3.8.2012
ANGLES	±1/2°	F.M.F.	REV. DRAWING NO.

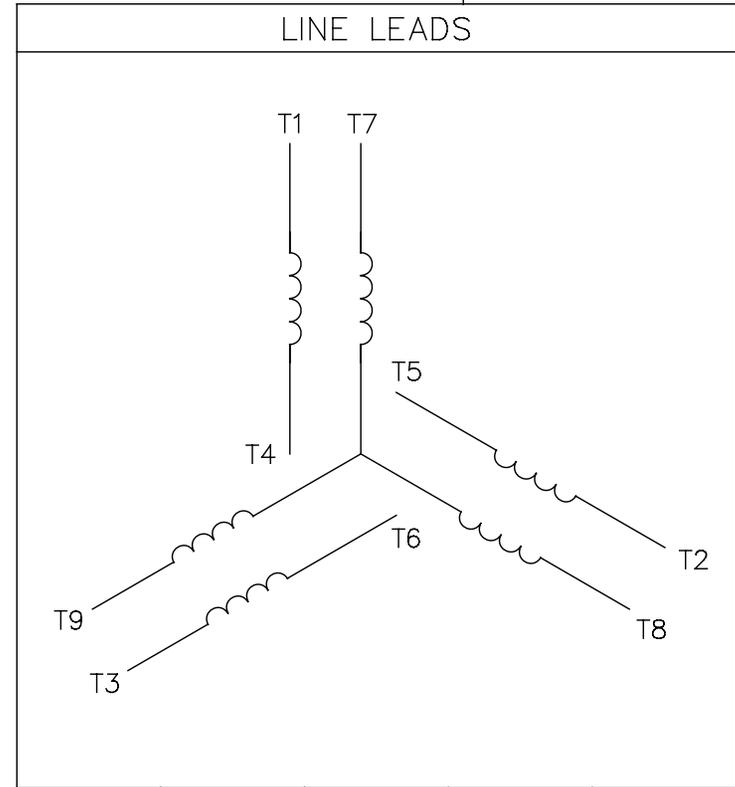
REVISION

BY & DATE	CHK'D.	CHK'D.
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005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02			
				DEC.	INCHES			CHK			
				.X	±.1			APPD			
				.XX	±.01	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		SCALE 1=1			
				.XXX	±.005			REF FIG.2-51			
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L DECAL - 004014		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		PREV			
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				DIST		BRF-NLV		A	005010-01	A	



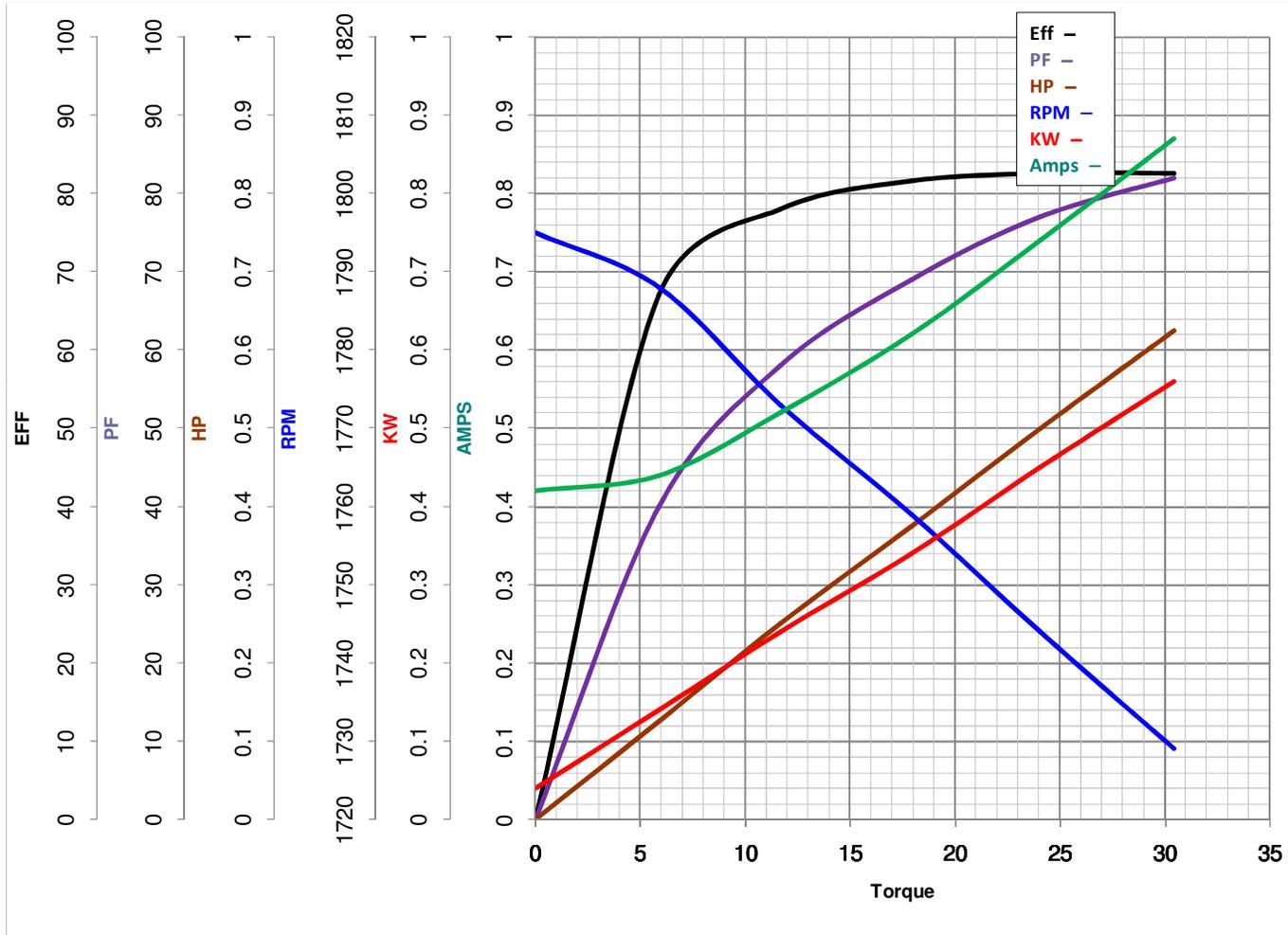
LEESON ELECTRIC CORPORATION
 TYPICAL PERFORMANCE CURVE for AC MOTOR

Model No 191949.00

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Curve at 460 Volts HP 0.5&0.34 PHASE 3
60 HZ
0.5 HP VOLTS 208-230/460&190/380

HZ 60&50 RPM 1740&1440



Torque in Oz.Ft

FL TORQUE 24.07 Oz.Ft
 BD TORQUE 61.1 Oz.Ft
 LR TORQUE 44 Oz.Ft

FL AMPS 1.9-2.0/1.0
 PU TORQUE 42.3 Oz.Ft
 LR AMPS 9.78

WINDING QT63423-3

Date 5/28/2018