

PRODUCT INFORMATION PACKET



Model No: 199019.00
Catalog No: 199019.00
20,1800,TEFC,256T,3/60/208-230/460

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Nameplate Specifications

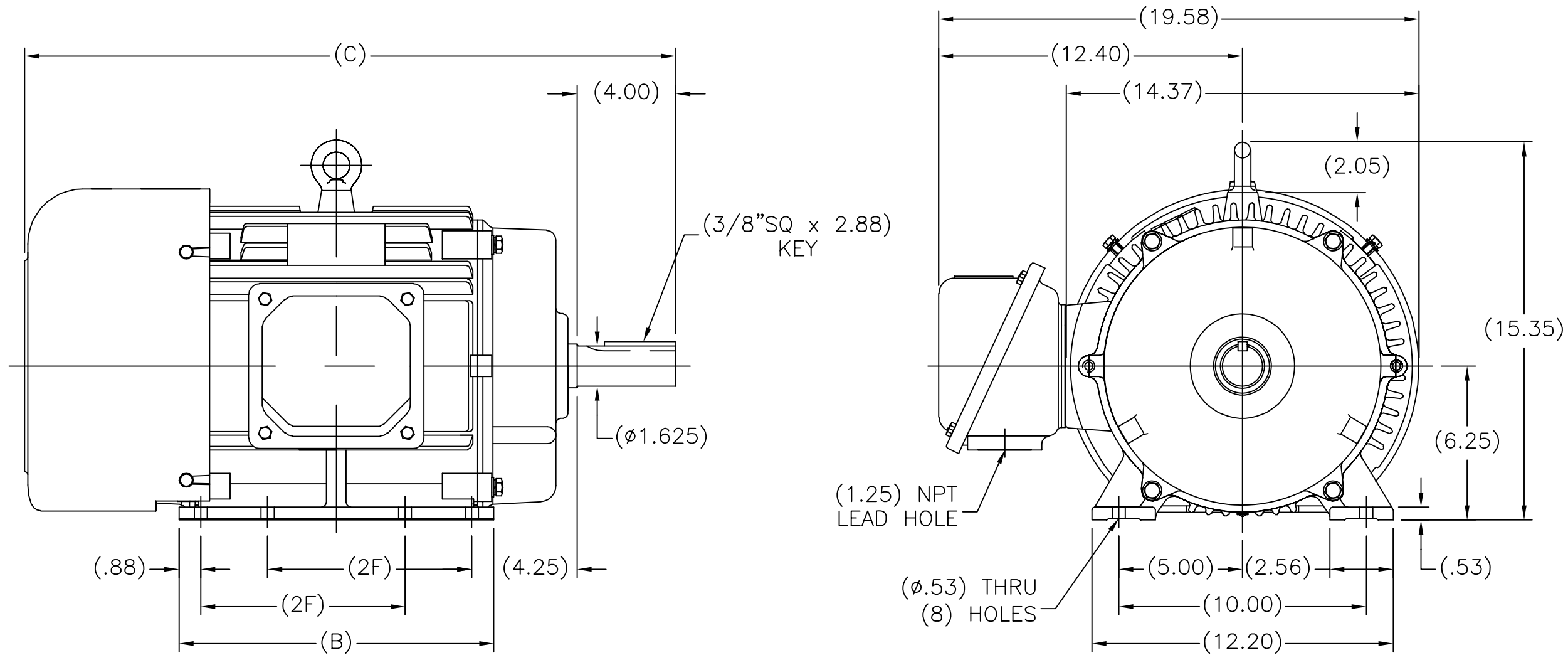
Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V
Speed	1773 & 1478 rpm	Service Factor	1.15 & 1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	48.5/24.2 & 43.5/21.8 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.353 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Outline Drawing	SS620244-256T	Connection Drawing	EE7308-LE

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SS620244



(MAY NOT BE DRAWN TO SCALE)

(DIMENSIONS IN TABLE ARE CONSIDERED REFERENCE)

254T	26.60	12.80	8.25
256T	27.80	13.98	10.00
FRAME	C	B	2F

				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN MSG 01-12-2010			
				DEC.	INCHES		CHK	MJS	01-13-2010	
				.X	±.1		APPD	SB	01-13-2010	
				.XX	±.03	TITLE OUTLINE				SCALE 1=4
				.XXX	±.005	254T FR. - TEFC				REF
D	CHANGED BORDER LOGO TO "REGAL"	ECO-0075536	WGJ 04-09-2015	EH	.XXXX ±.0005	MAT'L.				FMT HUADA
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	01-14-2010	CAD FILE SS620244	SIZE	DRAWING NO.	PAGE OF	REV.
				DIST			B	SS620244		D

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




T1 (U1)
T4 (U2)
T9 (W3)
T7 (U3)
T8 (V3)
T6 (W2)
T5 (V2)
T2 (V1)
T3 (W1)

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

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

				TOLERANCES UNLESS SPECIFIED			ELECTRIC MOTORS GEARMOTORS AND DRIVES			DRAWN HLB 04-29-2002		
				DEC.	INCHES					CHK	ML	05-03-2002
				.X	±.1					APPD	GK	05-03-2002
				.XX	±.01	TITLE CONNECTION DIAGRAM 3Ø – DUAL VOLTAGE MOTOR				SCALE 1=1		
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP 01-11-2012	DR	.XXX	±.005					REF		
1	NEW DRAWING	HLB 05-03-2002	ML	.XXXX	±.0005	MAT'L.				FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH				PREV		
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