

PRODUCT INFORMATION PACKET



Model No: 254TTGN11005
Catalog No: 254TTGN11005
10,3600,EPFC,254TDVZ,3/60/230/460

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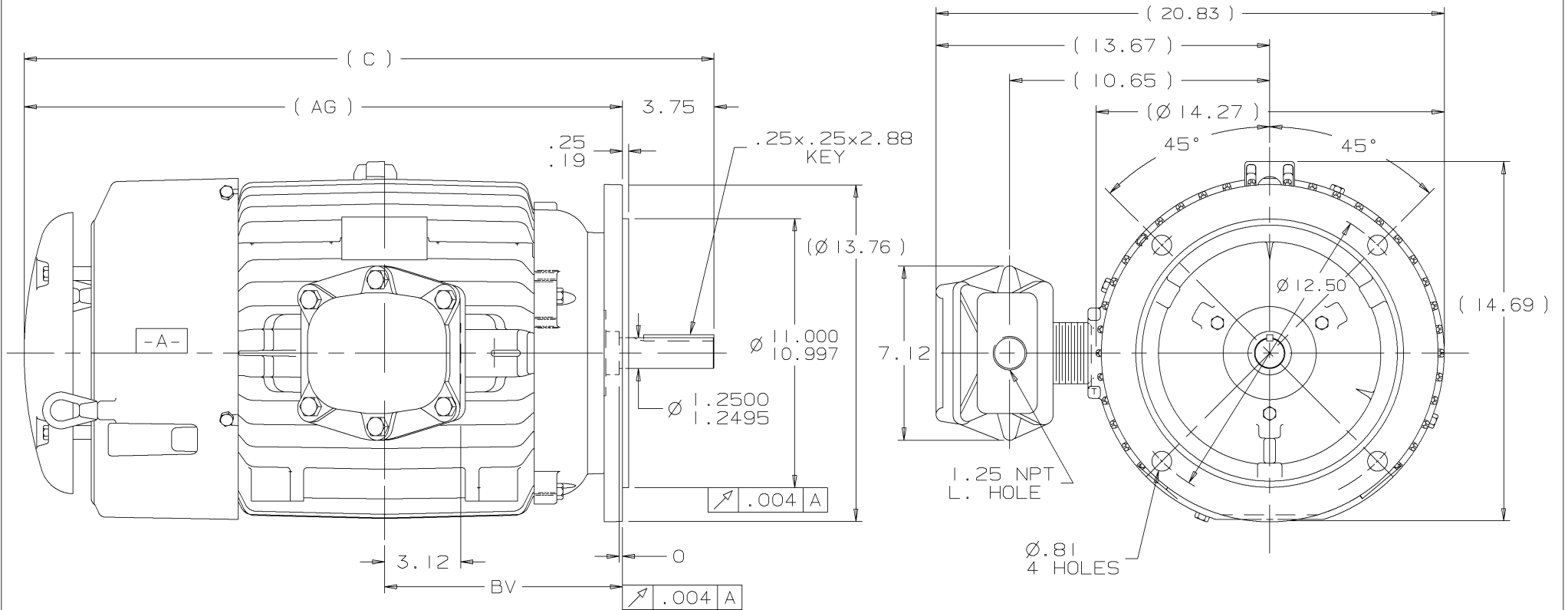
Nameplate Specifications

Phase	3	Output HP	10 Hp
Output KW	7.5 kW	Voltage	230/460 V
Speed	3535 rpm	Service Factor	1
Frame	254TDVZ	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	89.5 %
Ambient Temperature	55 °C	Frequency	60 Hz
Current	24.0/12.0 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	309	Opp Drive End Bearing Size	210
UL	No	CSA	N
CE	N	IP Code	54
Number of Speeds	1	Hazardous Location	EXP PROOF CL I GR D T2A


Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.955 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS203629-1225	Connection Drawing	A-EE7308

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1. BOX CAN BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FRAME	C	AG	BV						✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30"				
1225	254/6TDZ	28.26	24.51	9.75						MATL SPEC		DRAWN BY	DAH	02-27-2001	
										FINISH 280 HI MOUNT FR.		CHKD BY	ML	03-02-2001	
						I	03-02-2001	NEW DRAWING			MU36018	DAH	APPD BY	CAV	03-02-2001
						REV	DATE	CHANGE			NAME	PART NAME OUTLINE - EXPLOSION PROOF 254/56TDZ FR. - BB -TS - "D" FLANGE			DRWG NO B- SS203629
								SHOP BOOK		PURCHASED		DISTRIBUTION - VA - LB - VP - LM		CADD FILE NO.	SS203629



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM 11/20/1990				
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		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		REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L	FMF				
NO.	REVISION	BY & DATE	CHK	ANG	±7"30"	FINISH	PREV				
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