

PRODUCT INFORMATION PACKET

Model No: 256TTDX7391

Catalog No: Y204

Other Purpose Motor, 10 HP, 3 Ph, 60 Hz, 230/460/796 V, 1200 RPM, 256T Frame, DP



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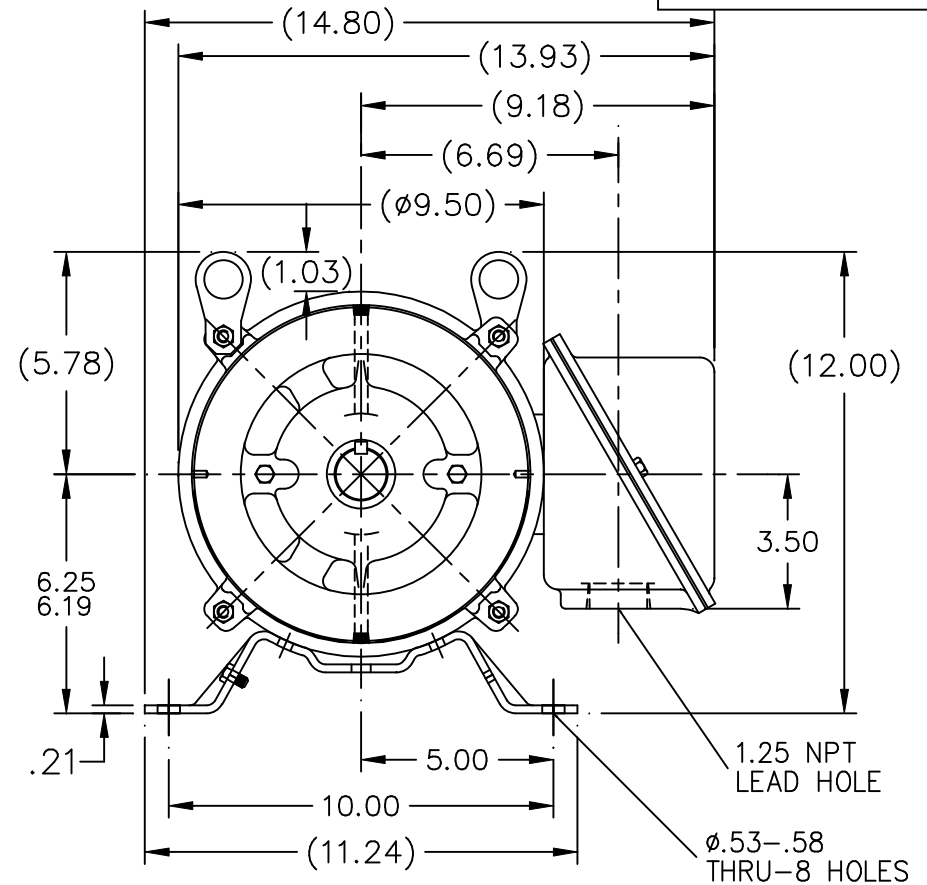
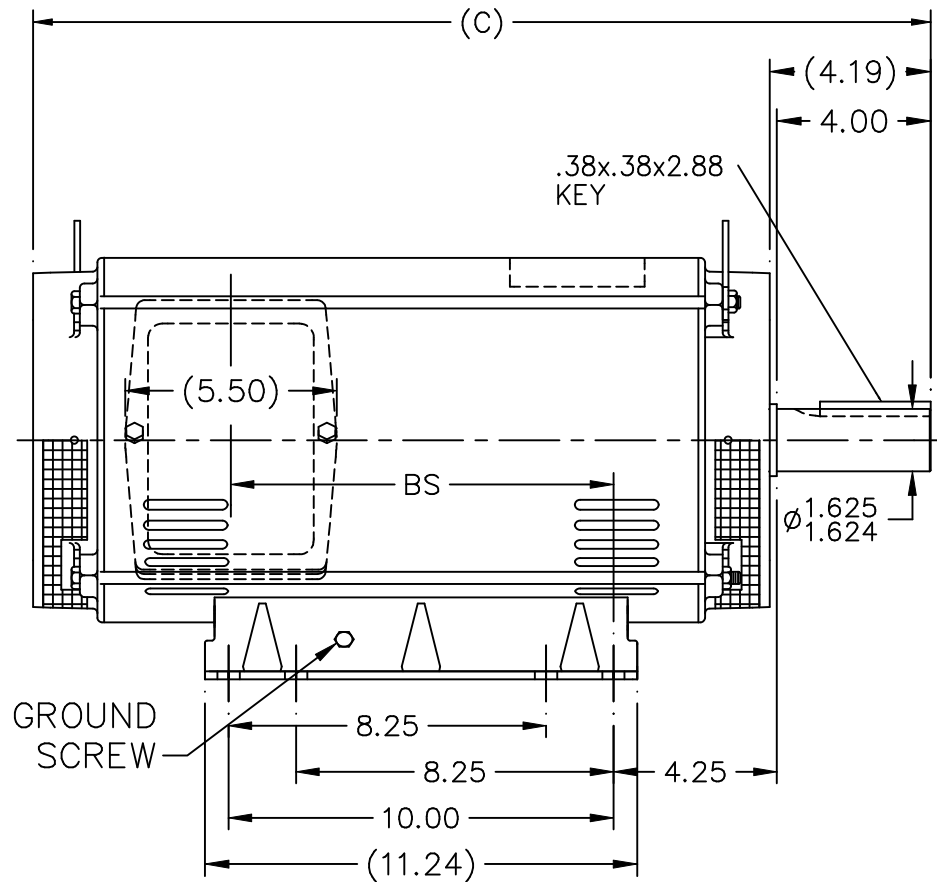
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460/796 V
Current	29.0/14.5/8.4 A	Speed	1130 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Power Factor	75
Duty	Continuous	Insulation Class	F
Design Code	D	KVA Code	J
Frame	256T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	N
CE	N	IP Code	23
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.805 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	23.04 in
Frame Length	15.15 in	Shaft Diameter	1.625 in
Shaft Extension	4.19 in	Assembly/Box Mounting	F2-ODE-Box
Connection Drawing	A-EE7326C	Outline Drawing	A-SS88053-1515

SS88053



DASH	FR.	C	BS	MOUNTING
1340	254T	21.29	7.89	F2 SPL.
1370	254T	21.59	8.19	F2 SPL.
1515	254/256T	23.04	9.64	F2 SPL.
1545	254/256T	23.34	9.94	F2 SPL.

NOTES:

- NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
- BOX CAN BE MOUNTED IN 90° STEPS.

TOLERANCES
UNLESS SPECIFIED

DEC. INCHES

.X ±.1

.XX ±.03

.XXX ±.005

.XXXX ±.0005

ANG ±7'30"

TITLE OUTLINE
250T FR. - BB - TS - DR.PR. - F2 SPL.

MAT'L.

FINISH

DRAWN DRS 02-23-2000

CHK ML 02-23-2000

APPD TB 02-23-2000

SCALE 1=5

REF

FMF

PREV

NO.	REVISION	BY & DATE	CHK
2	ADDED THE 14.80 DIMENSION TO FRONT VIEW	RJW 12-08-2005	ML
1	NEW DRAWING	DRS 02-24-2000	

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RFP

DIST LB

CAD FILE ss88053

SIZE

A

DRAWING NO. PAGE OF

SS88053

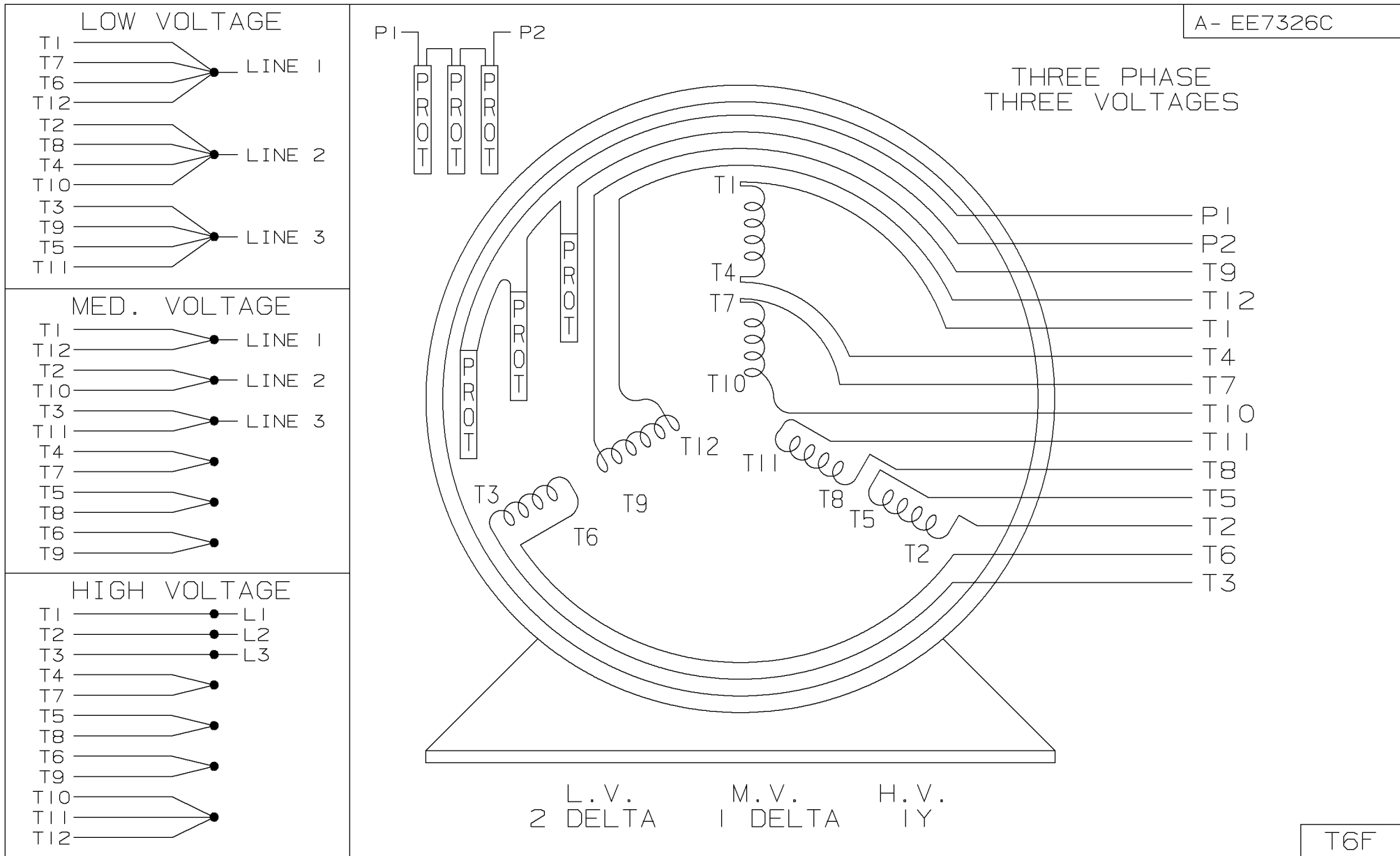
REV.

2

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

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225
/agrave
224
/germandbls
223
/Thorn
222
/Yacute
221
/Udieresis
220
/Ucircumflex
219
/Uacute
218
/Ugrave
217
/Oslash
216
/multiply
215
/Odieresis
214
/Otilde
213
/Ocircumflex
212
/Oacute
211
/Ograve



				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±			
				MATL SPEC			DRAWN BY BLR	03-09-1998
				FINISH			CHKD BY ML	03-26-1998
5	03-26-1998	REDRAWN ON CADD, NO CHANGE		BLR			APPD BY GK	03-26-1998
REV	DATE	CHANGE		NAME	PART NAME CONNECTION DIAGRAM 3Ø - 12 LEAD			DRWG NO A- EE7326C
		SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM		CADD FILE NO.	EE7326C	

CERTIFICATION DATA SHEET

Model#: 256TTDX7391 AB
 CONN. DIAGRAM: A-EE7326C
 OUTLINE: A-SS88053-1515

WINDING#: K2156152 NONE 1
 ASSEMBLY: F2-ODE-BOX

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10	7.50	1200	1130	256T	DP	J	D

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460/796	29/14.5/8.4	ACROSS THE LINE	CONTINUOUS	F3	1.15	40	3300

FULL LOAD EFF: 86.5	3/4 LOAD EFF: 87.5	1/2 LOAD EFF: 87.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 75	3/4 LOAD PF: 68.5	1/2 LOAD PF: 56	84	SQ CAGE IND RUN	15 / 7.5 / 4.3

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
46.2 LB-FT	194 / 97 / 56.1	130 LB-FT 281	170 LB-FT 368	70

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
64 dBA	74 dBA	1.4 LB-FT^2	0 LB-FT^2	0 SEC.	0	200 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	C-FACE-NO FLANGE	RIGID	HORIZONTAL	FALSE	NONE	FALSE	RODENT	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL						
6309	6208	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

* N O T E S *	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			

DATE: 06/23/2017 06:42:16 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 6/19/2017

Customer: _____

Attention: _____

Submitted by: FAREEDA DUDEKULA



256TTDX7391

Submittal

Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	7.5	8.0	9.5	11.8	14.5	16.2	17.5	97.0	
Torque (ft-lb)	0.00	11.2	22.5	34.0	46.2	53.5	59.0	130	
RPM	1200	1185	1170	1155	1130	1,120	1105	0	
Efficiency (%)		83.0	87.5	87.5	86.5	86.0	85.0		
P.F. (%)	7.0	35.5	56.0	68.5	75.0	77.5	78.5	52.0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block				
Speed (RPM)	0	250	550	1130	1200	HP	10.0			
Current (Amps)	97.0	90.0	72.0	14.5	7.5	Sync. RPM	1200			
Torque (ft-lb)	130	122	170	46.2	0.00	Frame	256			
— Efficiency (%) — P.F. (%) — Current (Amps) EFFICIENCY (%) P.F. (%) CURRENT (AMPS) LOAD						Enclosure	DP			
						Construction	TDX			
						Voltage	230/460/796 V			
						Frequency	60 Hz			
						Design	B			
						LR Code letter	J			
						Service Factor	1.15			
						Temp Rise @ FL	70 ° C			
						Duty	CONT			
						Ambient	40 ° C			
						Elevation	1,000 feet			
						Rotor/Shaft wk²	1.40 Lb-Ft²			
						Ref Wdg	K2156152 NONE			
						Sound Pressure @ 1M	64 dBA			
						VFD Rating	NONE			
						Outline Dwg	A-SS88053-1515			
						Conn. Diag	A-EE7326C			
Additional Specifications:										
0										
0										
EQUIV CKT (OHMS / PHASE)										
R1		R2		X1		X2		Xm		
0.5030		1.0370		2.2630		2.4910		31.0130		

Speed -Torque Curve

