PRODUCT INFORMATION PACKET

Model No: 254TTDX7377
Catalog No: Y203
Other Purpose Motor, 7.50 HP, 3 Ph, 60 Hz, 230/460/796 V, 1200 RPM, 254T Frame, DP
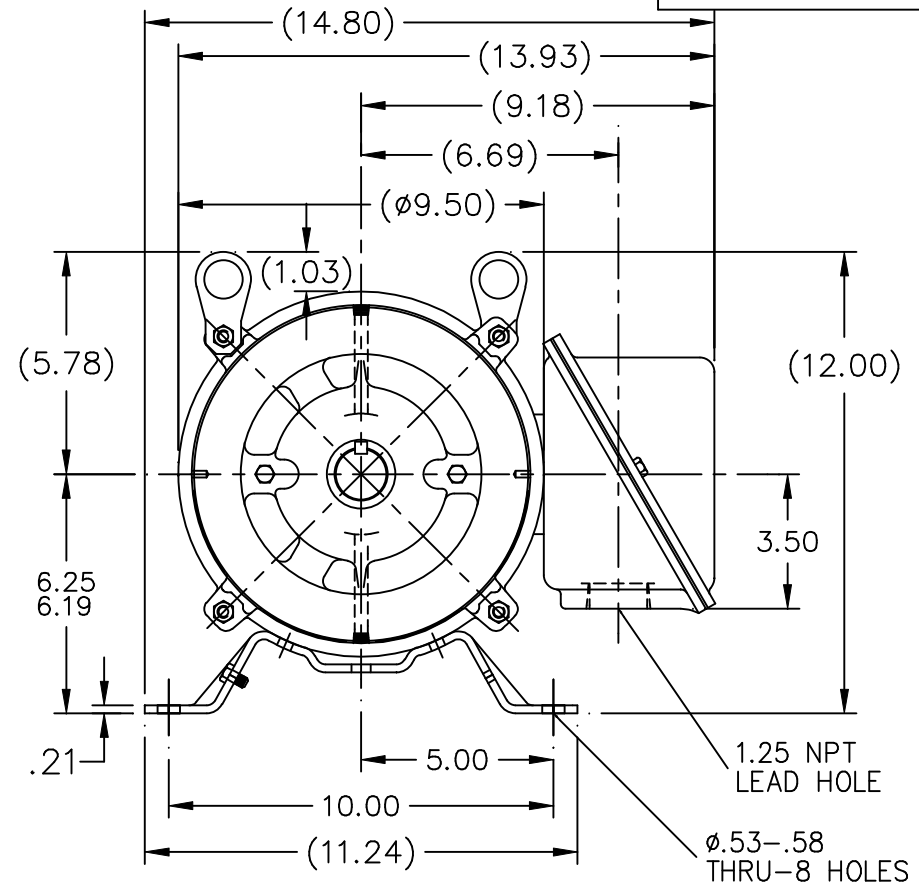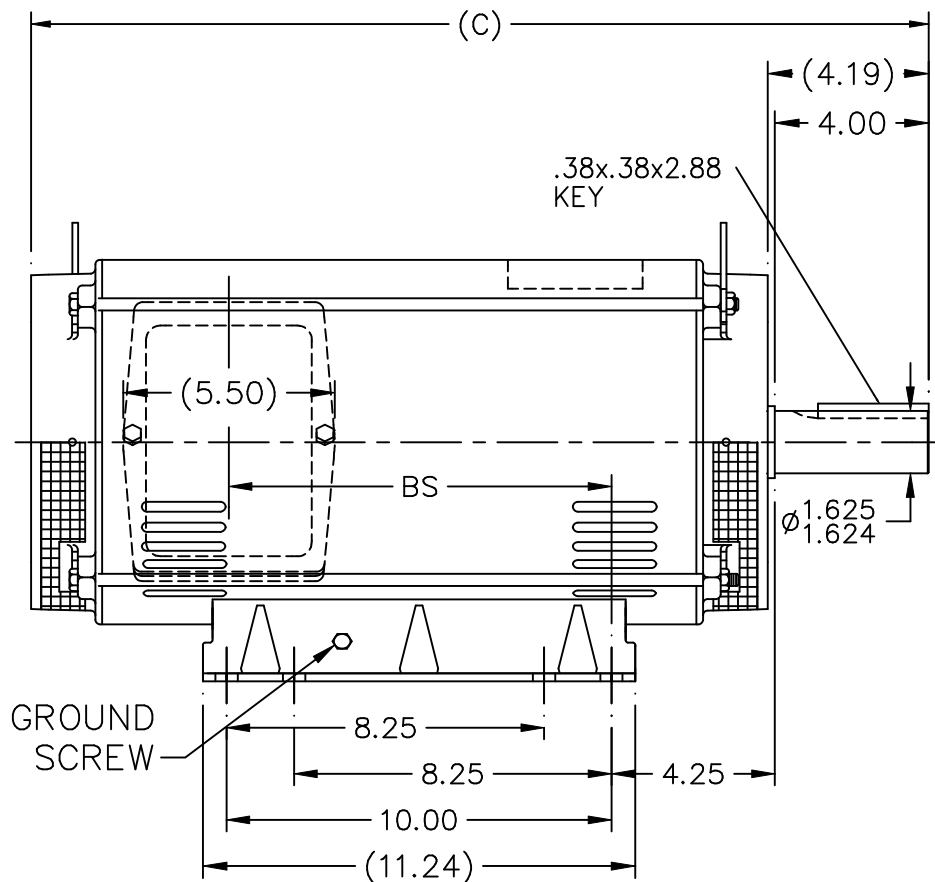
RegalRexnord

Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	230/460/796 V
Current	22.0/11.0/6.4 A	Speed	1140 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Power Factor	74
Duty	Oil Well	Insulation Class	F
Design Code	D	KVA Code	J
Frame	254T	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	1.25 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	21.29 in
Frame Length	13.40 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F2 Only
Outline Drawing	A-SS88053-1340	Connection Drawing	A-EE7326C

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(C)

(4.19)
4.00

.38x.38x2.88
KEY

(5.50)

BS

GROUND
SCREW

ø1.625
1.624

8.25

8.25

4.25

10.00

(11.24)

(14.80)
(13.93)
(9.18)
(6.69)
(ø9.50)
(1.03)

(5.78)

(12.00)

3.50

6.25
6.19

.21

5.00

10.00

(11.24)

1.25 NPT
LEAD HOLE

ø.53–.58
THRU–8 HOLES

DASH	FR.	C	BS	MOUNTING	
1340	254T	21.29	7.89	F2 SPL.	02-24-2000
1370	254T	21.59	8.19	F2 SPL.	
1515	254/256T	23.04	9.64	F2 SPL.	02-24-2000
1545	254/256T	23.34	9.94	F2 SPL.	

NOTES:
1. NAMEPLATE TO BE READ FROM C'BOX SIDE OF MOTOR.
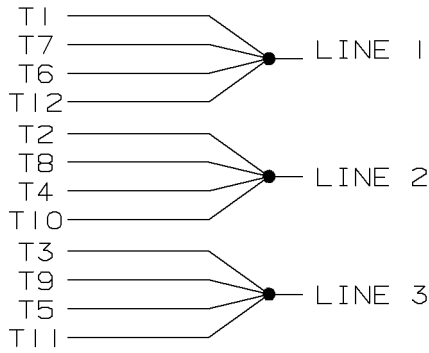2. BOX CAN BE MOUNTED IN 90° STEPS.

				TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN DRS 02-23-2000
				DEC.	INCHES			CHK ML 02-23-2000
				.X	±.1			APPD TB 02-23-2000
				.XX	±.03	TITLE OUTLINE		SCALE 1=5
2	ADDED THE 14.80 DIMENSION TO FRONT VIEW	RJW 12-08-2005	ML	.XXX	±.005	250T FR. – BB – TS – DR.PR. – F2 SPL.		REF
1	NEW DRAWING	DRS 02-24-2000		.XXXX	±.0005	MAT'L.		FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH		PREV

RFP

DIST LB

CAD FILE ss88053

SIZE A

DRAWING NO. PAGE OF
SS88053

REV. 2

7/26/2007 3:21:02 PM -

```
ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

244
/oacute
243
/ograve
242
/ntilde
241
/eth
240
/idieresis
239
/icircumflex
238
/iacute
237
/igrave
236
/edieresis
235
/ecircumflex
234
/eacute
233
/egrave
232
/ccedilla
231
/ae
230
/aring
229
/adieresis
228
/atilde
227
/acircumflex
226
/aacute
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
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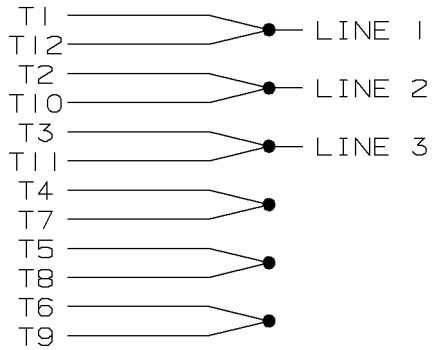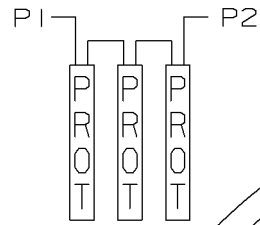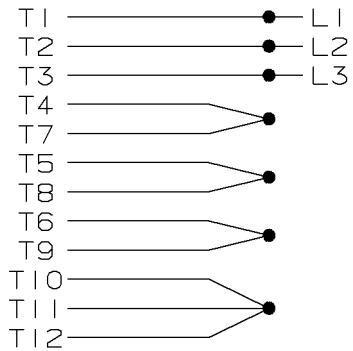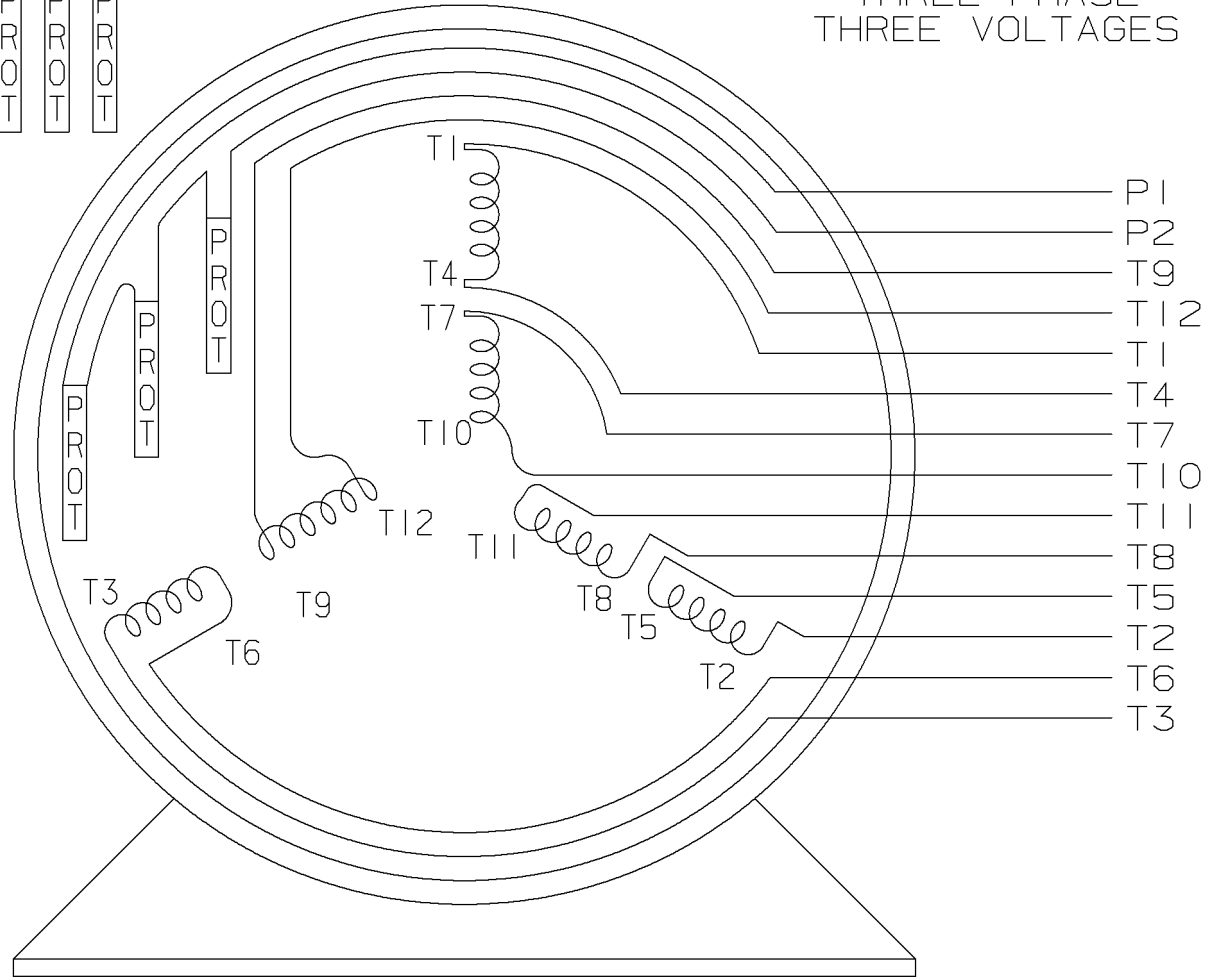
THREE PHASE
THREE VOLTAGES

LOW VOLTAGE

T1
T7
T6 — LINE 1
T12

T2
T8
T4 — LINE 2
T10

T3
T9
T5 — LINE 3
T11

MED. VOLTAGE

T1
T12 — LINE 1
T2
T10 — LINE 2
T3
T11 — LINE 3
T4
T7
T5
T8
T6
T9

HIGH VOLTAGE

T1 — L1
T2 — L2
T3 — L3
T4
T7
T5
T8
T6
T9
T10
T11
T12

P1 — P2

PROT PROT PROT

PROT PROT PROT

T1
T4
T7
T10
T12
T11
T3
T9
T6
T8
T5
T2

P1
P2
T9
T12
T1
T4
T7
T10
T11
T8
T5
T2
T6
T3

L.V.   M.V.   H.V.
2 DELTA   1 DELTA   1Y

T6F

		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
				CHKD BY ML	03-26-1998
		FINISH	MARATHON ELECTRIC WAUSAU, WISCONSIN 54401	APPD BY GK	03-26-1998
5	03-26-1998 REDRAWN ON CADD, NO CHANGE BLR	PART NAME CONNECTION DIAGRAM NAME 3Ø - 12 LEAD		DRWG NO A- EE7326C	
REV	DATE CHANGE				

SHOP BOOK   PURCHASED   DISTRIBUTION - WA - LB - WP - LM   CADD FILE NO.   EE7326C