PRODUCT INFORMATION PACKET

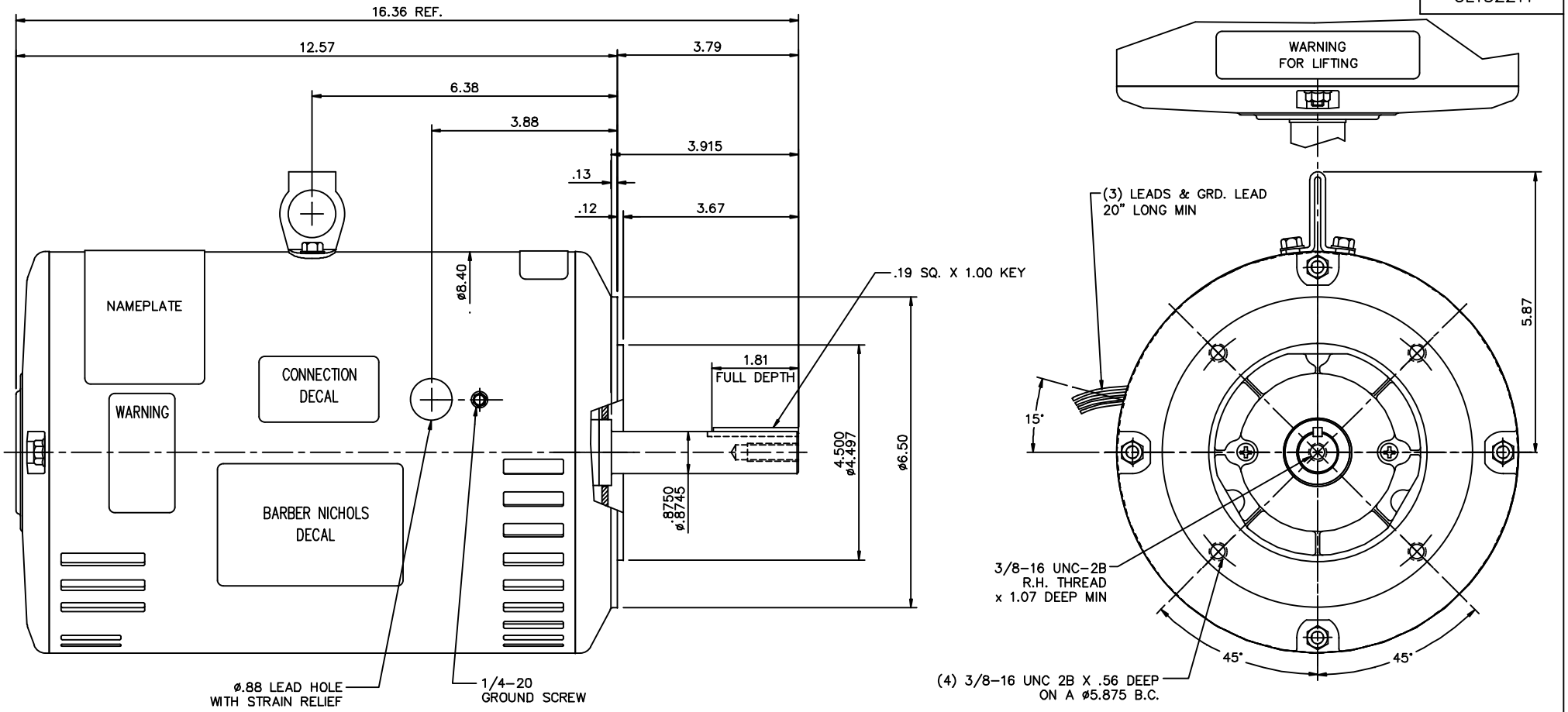
Model No: 132211.00
Catalog No: 132211.00
..7.5HP..3505/2875RPM.184.DP.460/380V.3PH.60/50HZ.CONT.40C.1.15/1.15SF.C FACE.C184T34DC8B.....NOT.
.....

Nameplate Specifications

Phase	3	Output HP	7.50 & 7.50 Hp
Output KW	5.6 & 5.6 kW	Voltage	460 & 380 V
Speed	3505 & 2875 rpm	Service Factor	1.15 & 1.15
Frame	184TCY	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	8.8 & 10.8 A	Power Factor	91
Duty	Continuous	Insulation Class	F
Design Code	NO DESIGN CODE	KVA Code	J
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	1.6 Ohms	Mounting	VERIFY
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	W6
Outline Drawing	OL132211	Connection Drawing	005102.01



MOTOR FEATURES CHECKED BEFORE SHIPPING:
- –ENDTURN MUST HAVE MINIMUM CLEARANCE OF .12" TO THE BAFFLE
- –MEGGER TEST BETWEEN SHAFT AND ENDBELL MUST BE 1 MEGOHM MINIMUM
- –SHAFT FRICTION TORQUE AT 10 OZ–IN MAXIMUM
- –LINE TO LINE RESISTANCE VARIATION 10% MAX.
- –PROVIDE BARBER NICHOLS CERTIFICATE OF COMPLIANCE
- –MOTOR SHALL BE MANUFACTURED TO NEMA MG–1
- –MOTOR HAS LEESON INVERTER RATED INSULATION SYSTEM
- –MOTOR WILL BE OPERATED FROM A VARIABLE FREQUENCY DRIVE WITH 460 VAC OR 380 VAC INPUT

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .004 T.I.R.

NOTE:
6207 DRIVE END BEARING; BEARING TO BE: STEEL INNER & OUTER RINGS WITH CERAMIC BALLS & STEEL RETAINERS, SHIELDED BEARINGS
6205 OPPOSITE DRIVE END BEARING; BEARING TO BE: STEEL INNER & OUTER RINGS WITH CERAMIC BALLS & STEEL RETAINERS, SHIELDED BEARINGS
BEARINGS SHALL BE PER REGAL BELOIT DRAWINGS #200–0005–001 & #200–0004–001

NO.	REVISION	BY & DATE	CHK
05	ADD NOTES FOR FEATURES & BEARINGS ISAAC 12–0942	LST 3/15/12	
04	ADD NOTES FOR PERF. CHECK ISAAC 11–5756	LST 12/22/11	
03	ADDED CONNECTION DECAL, MOTOR LEADS WERE QTY 9		
	PER ISAAC 10–4103	GWS 10/5/10	
02	SHAFT RUNOUT WAS .010 TIR PER ISAAC 10–3110	GWS 7/22/10	
01	ADDED LIFTING LUG & ITS DECAL PER ISAAC 10–1144	GWS 3/16/10	

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

LEESON — ELECTRIC MOTORS GEARMOTORS AND DRIVES

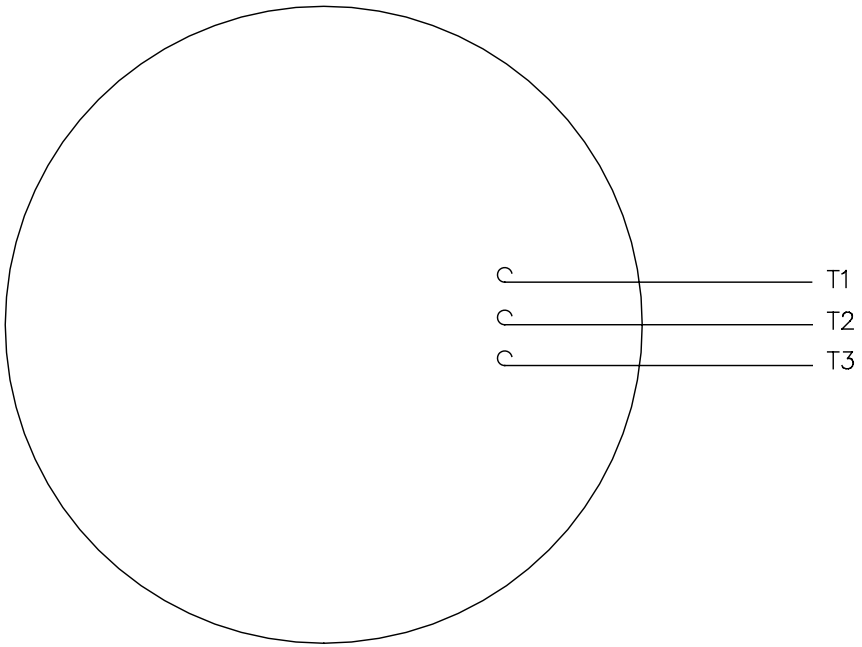
TITLE: OUTLINE– 184TCY FRAME DRIP PROOF – "C" FACE
MAT'L.
FINISH: BARBER–NICHOLS INC
CAD FILE: OL132211
RFP
DIST

DRAWN	VS 09/15/09
CHK	
APPD	VS 09/15/09
SCALE	1=2
REF	OLPR090257
FMF	
PREV	

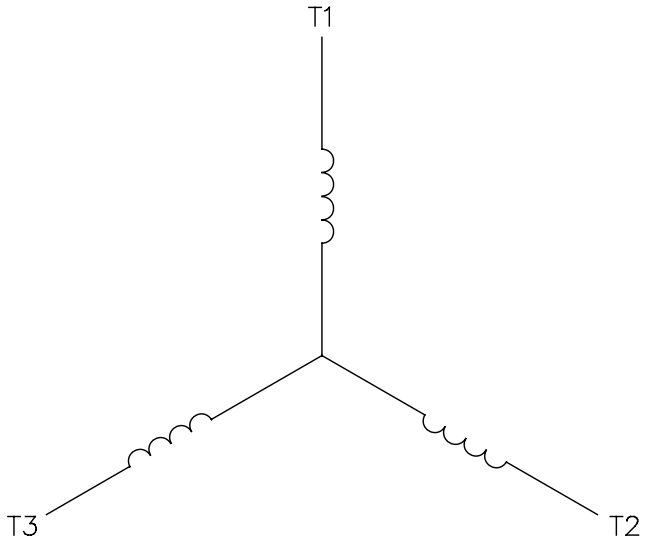
SIZE: B | DRAWING NO.: OL132211 | REV.: 05

005102-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



CONNECT LEADS AS FOLLOWS
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

NO.	REVISION	BY & DATE	CHK
08	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY
07	UPDATED TO CURRENT STANDARDS	DBT 5/30/97	
06	REDRAWN ON CAD; ADDED DECAL NUMBER	SAW 1/24/95	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.01
.XXX	±.005
.XXXX	±.0005
ANG	±1/2°

REGAL™ Regal Beloit America, Inc.

TITLE: EXTERNAL WIRING DIAGRAM
TYPE "T" W/O PROTECTOR

MAT'L. DECAL – 004169

FINISH

CAD FILE 00510201

RFP 5/1/02

DIST BRF–NLV

DRAWN	JRW 9/11/75
CHK	
APPD	JCW 9/11/75
SCALE	1=1
REF	W–T6343–6
FMF	6T17FB7
PREV	

SIZE A | DRAWING NO. 005102–01 | REV. 08