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## DUTY MASTER ALTERNATING CURRENT MOTORS

**SQUIRREL-CAGE INDUCTION ENCLOSURE: TOTALLY ENCLOSED** FRAME 449TS ABOVE NEMA RATINGS (1800 RPM MAX) COOLING: FAN COOLED INCLUDES 447TS FRAME MTG HOLES, DOWEL PINS MOUNTING: FOOT AND JACK SCREW HOLES 25.99 19.87 1"NPT 13.70 WDG RTD TERM BOX - 14.24 -13.87— 7.12 → 14.92 ---6.00 6 **~**− 9.76 1.75 -1.75 -**→** 4.84 **→ →** 4.62 **> ◄** 4.50► .63 SQ. 3.00 24.24 D - 19.04 **---** 12.50 7.00 Ø 2.375 3 10.99 2 TYP. 4.00 LEAD OPENING 3/4"NPT SPACE HEATER 4.60 5.00 Ø 13/16 TERM BOX 12.03 12.03 6 HOLES 7.65 20.00 3/8" DOWEL PINS HOLES (4)-25.00 22.00 32.03 1/2-13 NC JACK SCREW HOLES GROUND HOLES QTY 1 1/2-13 TAP; QTY 1 3/8-16 TAP VARIES +.00,-.06
VARIES +.000,-.001
ON STANDARD MOTORS THIS IS CONDUIT SIZE. ON XT AND (4) TOTAL  $\Theta$  $\bigcirc$ CORROSION PROOF MOTOR THIS IS PIPE TAP. MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING. - 13.00 **-**► 13.00 OBSTRUCTION MUST NO ENCROACH ON AIR INLET 10.25 CONDUIT BOX LOCATED ON OPPOSITE SIDE WHEN F-2. IF MOUNTING CLEARANCE DETAILS ARE REQUIRED, CONSULT FACTORY. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .003" T.I.R. TO 5 INCH DIA. 10.25 5 WEIGHT (LBS): 3110 15.1 DRIVE END AIR DEFLECTOR IS ONLY INCLUDED WHEN NECESSARY.  $\ominus$ DIMENSIONS ARE IN INCHES; SEE SHEET 2 FOR DIMENSIONS IN MILLIMETERS CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION. REV. DESC: INITIAL RELEASE FOR GP PRODUCT LINE SHEET NUMBER BALDOR VERSION: 00 1 OF 2 REVISED: 02:16:29 10/09/2013 TDR: 000000820612 MODEL NO. 617427-118 811-7247118 G449TS FT 14X14X12 CENTER C/B F1 320 AUX, 180 AUX DOWEL JACK BY:MGHJMZ2 3

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