617434-667 DUTY MASTER ALTERNATING CURRENT MOTORS COOLING: FAN COOLED **ENCLOSURE: TOTALLY ENCLOSED** SQUIRREL-CAGE INDUCTION MOUNTING: FOOT, F-1 SIDE G449T/G447T FRAME MOUNTING HOLES **ENCLOSURE ENHANCEMENT: 841-XL** ROLLER BEARING DESIGN 38.12 -53.49 18.69 -12.484.88 - 20.02 -N=8.46 → 13.75 -7.46 N-W=1.75 8.50 6.00 **→** V=8.38 **→** 6.88 K'WAY -.875 SQ. KEY 24.24 7.00 10.99 + .01  $\emptyset$  3.375 $^{+.000}_{-.001}$ <sup>1</sup> 1.24 4.60 4.60 **- 12.03** 3/8-16 UNC 9.00 - 10.25 1/2-13 UNC 20.00 (GROUND TAPS) 18.00 25.00 BA=7.52 20.50 32.03 22.00 - 13.00 4 NPT-12.50 4X ∅ .38 THRU (DOWEL HOLES) 4X 1/2-13 UNC THRU (JACKSCREWS) 1 OBSTRUCTION MUST NOT ENCROACH ON AIR INLET. 8X ∅ .81 THRU **─** 10.00 **─** DIMENSIONS ARE IN INCHES. WEIGHT (LBS): 3080, MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING. (MOUNTING HOLES) 20.00 CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .002 T.I.R. 26.00 REV. DESC: UPDATE MODEL TO ADD EXTERNAL HARDWARE PER PROD MGM BALDOR REV: B VERSION: 02 REVISED: 04:06:23 10/03/2022 TDR: 000001196512 MODEL NO. 617434-667 G449/447T TEFC FT F1 CI BOX/JACKSCREWS/DOWELS/INPROS/ROLLER L99-454L19 BY:ENFRAJ0

617434-667 DUTY MASTER ALTERNATING CURRENT MOTORS SQUIRREL-CAGE INDUCTION COOLING: FAN COOLED **ENCLOSURE: TOTALLY ENCLOSED** MOUNTING: FOOT, F-1 SIDE G449T/G447T FRAME MOUNTING HOLES **ENCLOSURE ENHANCEMENT: 841-XL** ROLLER BEARING DESIGN 968.2 -1358.6 474.7 - 317 508.6 N=214.9 **-**124 349.3 -189.4 N-W=44.5 215.9 152.4 V=212.9 ► \_ 174.8 \_ K'WAY -22.2 SQ. KEY 615.7 177.8 279.1+0.3  $\emptyset$ 85.72 $_{-0.03}^{0}$ 131.5 116.8 <del>-</del>116.8 305.6 3/8-16 UNC 228.6 — 260.4 -1/2-13 UNC 508 (GROUND TAPS) 457.2 635 — BA=191.1 520.7 -813.4 558.8 330.2 — 4 NPT-- 317**.**5 -4X ∅ 9.5 THRU (DOWEL HOLES) 4X 1/2-13 UNC THRU (JACKSCREWS) 1 OBSTRUCTION MUST NOT ENCROACH ON AIR INLET. 8X Ø 20.6 THRU 254 DIMENSIONS ARE IN MILLIMETERS. WEIGHT (KGS): 1400, MOTOR WEIGHTS MAY VARY BY 15% DEPENDING ON RATING. (MOUNTING HOLES) CUSTOMER IS RESPONSIBLE FOR DETERMINING THAT MOTOR PERFORMANCE IS SUITABLE IN THE APPLICATION. MAXIMUM PERMISSIBLE SHAFT RUNOUT WHEN MEASURED AT END OF STANDARD SHAFT EXTENSION IS .05 T.I.R 660.4 REV. DESC: UPDATE MODEL TO ADD EXTERNAL HARDWARE PER PROD MGM BALDOR REV: B VERSION: 02 REVISED: 04:06:23 10/03/2022 TDR: 000001196512 MODEL NO. 617434-667 G449/447T TEFC FT F1 CI BOX/JACKSCREWS/DOWELS/INPROS/ROLLER L99-454L19 BY:ENFRAJ0