FEATURES PICTORIALLY TYPICAL ORIENTATION MAY DIFFER DRAWING REVISIONS MEC/KMEC REV A: INIITIAL ISSUE HP Final Stage Attemperator 1MS-DSH3002 REV B: ADD BWE END DETAIL REV C AND D: ADD ALLOWABLE FORCE / MOMENT INFO **VOGT POWER INTERNATIONAL** ReSubmit per Comments, Work May Proceed 19 MIN .75 Bell, Milton Oct-20-2016 -NPS 12 SCHED 1.279 MIN WALL 37 1/2 DEGREE BEVEL
BUTT WELD ENDS
ANSI B16.25 FIG 3C (NOTE 4) NOZZLE REMOVAL CLEARANCE 635 25.00 PLUG TO BE REMOVED AFTER HYDRO TEST -NPS 2 SCHED 160 CLASS 2500 FEMALE SWE 1524 60.00 **VOGT POWER INTERNATIONAL** 806 1829 V17494-CIXD-5805-02 72.00 10-Oct-2016 MAX ALLOWED FORCE AND MOMENT-12" TBX-T WATER CONNECTION DESIGN COND: 2085 psig/1068F 900 VIEW A **VOGT POWER INTERNATIONAL** 800 OTHER BUTT WELD END DIMENSIONS ARE IDENTICAL ReSubmit per Comments, Work May Proceed (bf (EXCEPT FOR PIN HOLES) 700 Oct-20-2016 Bell, Milton 600 500 1. WATER CONNECTION ORIENTATION MAY VARY $-R\frac{1.5}{.06}$ BASED ON CUSTOMER SPECIFICATION 400 2. FACTORY HYDRO PRESSURE: STEAM PIPE: 3150 PSIG WATER MANIFOLD: 9375 PSIG 300 4208 psig 32.7 NOM 200 TAG# 1MS-DSH3002 32.5 MIN SERVICE: HP FINAL STAGE ATTEMPERATOR 20.6-17.5 1.287 NOM FLUID: STEAM / WATER STEAM DESIGN: 2085 PSIG/1068 F 100 0.81-0.69 1.279 MIN WATER DESIGN: 2085 PSIG/1068 F 0 200 400 600 800 $\phi \frac{258.5 + 0.254/-0}{10.176 + 0.01/-0.00}$ 2.3-0.8 MATERIAL: RESULTANT MOMENT - Lbf-ft 2805 psig $(\phi \frac{254}{10.00})$.09-0.03 $L_{R} \frac{1.5}{.06}$ STEAM PIPE: F91 (FISHER* φ 257.05-257.35 WATER MANIFOLD; F91 DIMENSIONS CERTIFIED CORRECT BY FISHER CONTROLS DATE 10/07/16 10.120-10.132 LINER: F22 CUST: JOB V17494-OMEC V17494-KMEC SIZE 12 TBX-T COOLER ASSEMBLY CUST REF NO.: PO V0009816 V0009946 FISHER REF NO.: 2 SCHED 160 FEMALE SWE WATER CONN NOZZLE SLEEVE: SA182 GR F22 $-\frac{13}{.50}$ MIN SPRAY NOZZLES: 410 STAINLESS STEEL TAG NO.: 1MS-DSH3002 SERIAL NO.: TOTAL CALCULATED ASSEMBLY WEIGHT +/- 10%: 714 kg / 1573 lb CUST ITEM: 0001 D RMB 10/07/16 C RMB 08/10/16 DWN. VIG 06/14/16 ITEM 2.62 CHKD. RMB 06/16/16 B VIG 07/08/16 UNLESS OTHERWISE SPECIFIED: EMERSON. GG44318 UNIT OF MEASURE: MILLIMETER/INCH © Fisher Controls Intl. LLC 2016 **Process Management** NONE