LOAD RATINGS YDR-150-S NSN NO. DRAWING NO MS NO. **RATING** lbf Newtons NOTES: 1. BEARING IS PACKED WITH NLGI GRADE 2, LITHIUM BASED 27,579 6,200 RADIAL BASIC DYNAMIC GREASE (UNLESS OTHERWISE SPECIFIED) MAXIMUM STATIC CAPACITY 7,000 31,138 ISO VIEW 2. ALL EXPOSED SURFACES AS MOUNTED HAVE BLACK OXIDE SCALE 1:1 3. LIMITING SPEED: A. GREASE = 6,200 RPM4. CUSTOM LASER ETCHING UPON REQUEST SIGNED DRAWING APPROVAL REQUIRED PLEASE REVIEW AND VERIFY INFORMATION ON ALL SHEETS & RETURN COPY WITH SIGNED AND DATED APPROVAL, AND/OR REQUIRED CHANGES. CARTER WILL NOT PROCEED WITH ORDER UNTIL APPROVAL IS RECEIVED APPROVED REJECTED DATE .875 .870 Ø3/4 LASER ETCH THIS FACE Recommended Shaft Fits ø.4377 .4371 Fit Type - Dimension Ø (Inch) Ø (mm) Transition - Max .4372 11.1049 SIDE VIEW SECTION A-A Α SCALE 2.375:1 .4368 11.0947 Transition - Min SCALE 2.375:1 11.1252 Press - Max .4380 Press - Min .4376 11.1150 CUSTOMER PART# $XX = \pm .01$ CARTER MANUFACTURING IS CARTER MANUFACTURING CO., INC. MATERIAL NOTES: $XXX = \pm .005$ NOT RESPONSIBLE FOR $XXXX = \pm .0005$ GRAND HAVEN, MICHIGAN 49417 TYPOGRAPHICAL ERRORS $ANGLES = \pm 1$ OUTER RING - BEARING STEEL, HEAT TREATED INCH [METRIC] FRACTION = ± 1/32 **REVISION** PART NAME: ASSEMBLY PRODUCT TYPE: YDR INNER RING - BEARING STEEL, HEAT TREATED NEEDLE ROLLER(S) - BEARING STEEL, HEAT TREATED **E**NGINEERING **C**HANGE **O**RDER NOTE AUTHOR BY DRAWN BY CHK'D BY SALES MATERIAL RETAINING RING - BEARING STEEL, HEAT TREATED SEAL(S) - VB TYPE OIL SEAL HG SGW MDSC NOTED REVISON BY DATE DATE DATE DATE SHEET SGW 2/21/2020 2/7/2020 2/17/2020 2/21/2020 1 OF 2