| LOAD RATINGS            |       |         |  |  |
|-------------------------|-------|---------|--|--|
| RATING                  | lbf   | Newtons |  |  |
| RADIAL BASIC DYNAMIC    | 3,930 | 17,481  |  |  |
| MAXIMUM STATIC CAPACITY | 4,250 | 18,904  |  |  |

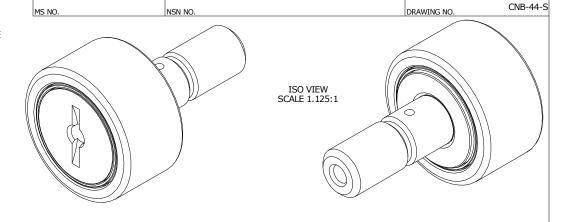
| RECOMMENDED MOUNTING HOLE Ø |       |         |  |  |  |
|-----------------------------|-------|---------|--|--|--|
| Limit                       | Inch  | mm      |  |  |  |
| MIN                         | .5000 | 12.7000 |  |  |  |
| MAX                         | .5003 | 12.7076 |  |  |  |

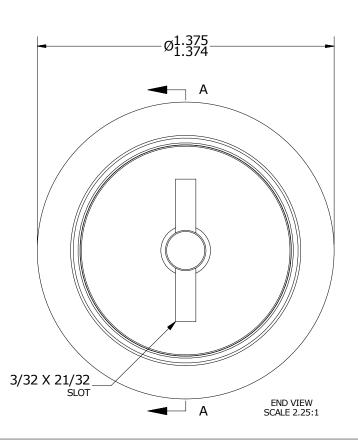
| MAXIMUM CLAMPING TORQUE |          |    |  |  |  |
|-------------------------|----------|----|--|--|--|
| Thread Type             | Inch Lbs | Nm |  |  |  |
| DRY                     | 350      | 40 |  |  |  |
| LUBRICATED              | 175      | 20 |  |  |  |

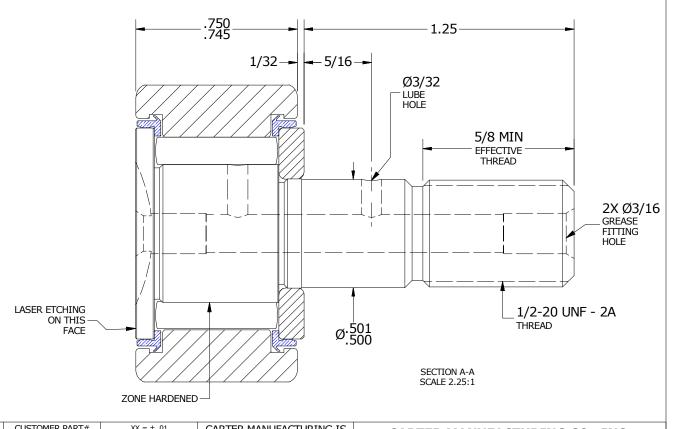
## NOTES: 1. BEARING IS PACKED WITH NLGI GRADE 2, LITHIUM

- BASED GREASE (UNLESS OTHERWISE SPECIFIED)

  2. ALL EXPOSED STEEL SURFACES HAVE BLACK OXIDE
- 3. CUSTOM LASER ETCHING UPON REQUEST
- 4. LIMITING SPEED:
  - A. GREASE = 3,100 RPM







## MATERIAL NOTES:

OUTER RING - BEARING STEEL, HEAT TREATED STUD - BEARING STEEL, ZONE HARDENED NEEDLE ROLLER(S) - BEARING STEEL, HEAT TREATED WASHER - BEARING STEEL, HEAT TREATED SEAL(S) - SYNTHETIC

| CUSTOMER PART#  | XX = ± .01<br>XXX = ± .005<br>XXXX = ± .0005<br>ANGLES = ± 1 | NOT RESPO  | IFACTURING IS<br>INSIBLE FOR<br>ICAL ERRORS | CARTE      | GRAND HAVEN, I      |           | )., INC.          |  |
|-----------------|--|------------|---|------------|---------------------|-----------|-------------------|--|
|                 | INCH [METRIC]<br>FRACTION = ± 1/32                           |            | REVISION                                    |            | PART NAME: ASSEMBLY |           | PRODUCT TYPE: CNB |  |
| ENGINEERING CHA | ANGE <u>O</u> RDER NOTE                                      | D          | AUTHOR BY                                   | DRAWN BY   | CHK'D BY            | SALES     | MATERIAL          |  |
|                 |  | Ь          | HG  | GJP        | MD                  | KR        | NOTED             |  |
|                 |  | REVISON BY | DATE  | DATE       | DATE                | DATE      | SHEET             |  |
|                 |  | SGW        | 7/5/2016                                    | 11/18/1999 | 6/7/2016            | 7/15/2016 | 1 OF 2            |  |