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

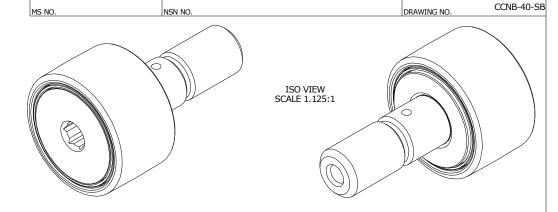
| RECOMMENDED MOUNTING HOLE Ø |       |         |  |  |
|-----------------------------|-------|---------|--|--|
| Limit                       | Inch  | mm      |  |  |
| MIN                         | .5000 | 12.7072 |  |  |
| MAX                         | .5005 | 12.7085 |  |  |

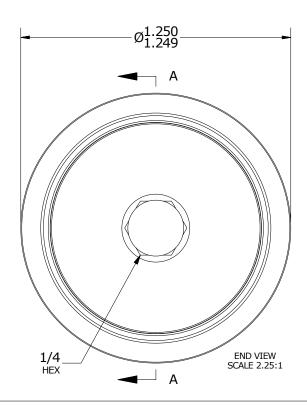
| MAXIMUM CLAMPING TORQUE |          |    |  |  |
|-------------------------|----------|----|--|--|
| Thread Type             | Inch Lbs | Nm |  |  |
| DRY                     | 350      | 40 |  |  |
| LUBRICATED              | 175      | 20 |  |  |

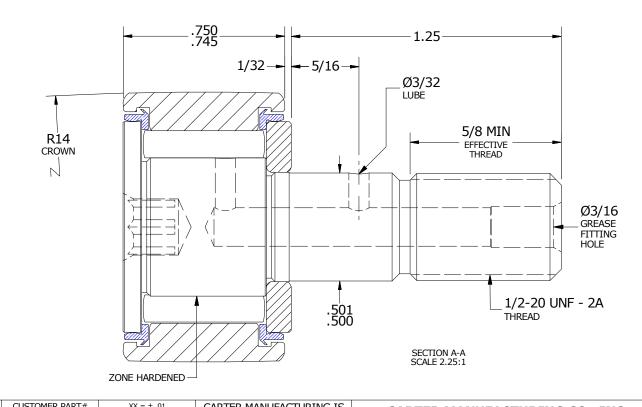
## NOTES:

- 1. BEARING IS PACKED WITH NLGI GRADE 2, LITHIUM
- BASED GREASE (UNLESS OTHERWISE SPECIFIED)

  2. ALL EXPOSED STEEL SURFACES HAVE BLACK OXIDE
- 3. 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#  | $XX = \pm .01$ $XXX = \pm .005$ $XXXX = \pm .0005$ $ANGLES = \pm 1$ | NOT RESPO  | NSIBLE 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          |  |
|                 |   |            | HG                        | RAM       | MD                  | KR        | NOTED             |  |
|                 |   | REVISON BY | DATE                      | DATE      | DATE                | DATE      | SHEET             |  |
|                 |   | SGW        | 5/25/2016                 | 3/30/1999 | 5/24/2016           | 5/31/2016 | 1 OF 2            |  |