| LOAD RATINGS   |  | MS NO.                                 |  | NSN NO.          |                   |                  | DRAWING NO.      | CCNBH-28          |
|--|--|--|--|------------------|-------------------|------------------|------------------|-------------------|
| RATING Lbs Newtons RADIAL BASIC DYNAMIC 1,660 7,384                                    |  |  |  |                  |                   |                  |                  |                   |
| MAXIMUM STATIC CAPACITY 4,130 18,371   |  |  |  |                  |                   |                  |                  |                   |
| RECOMMENDED MOUNTING HOLE Ø NOTES:  Limit Inch mm 1. BEARING IS PACKED WITH N          |  |  |  |                  |                   |                  |                  |                   |
| MIN .4375 11.1125 BASED GREASE (UNLESS OT 2. ALL EXPOSED STEEL SURFACE                 | HERWISE SPECIFIED)<br>CES HAVE BLACK OXIDE |  |  | \                | ISO VIEW          |                  |                  |                   |
| A. GREASE = 5,400 RPM  |  |  |  |                  | SCALE 1.750:1     |                  |                  | )                 |
| MAXIMUM CLAMPING TORQUE Thread Type Inch Lbs Nm  |  |  |  |                  |                   |                  | \                |                   |
| DRY         250         28.2           LUBRICATED         125         14.1             |  |  |  |                  |                   |                  |                  |                   |
|  |  |  |  |                  |                   | $\frac{1}{2}$    |                  |                   |
|  |  |  |  |                  |                   |                  |                  |                   |
| ø:875  | L  | .500495                                |  | _                | .885              | 5                |                  |                   |
| 9.874  |  |  | 1 (00  | -                | .865              | 5                | _                |                   |
| <b>→</b> A   |  | -                                      | 1/32 -   | 1/4              | ø3/               | 32               |                  |                   |
|  |  | /////                                  |  |                  | LUE               | 3/8 MI           | N                |                   |
|  | R10  |  |  |                  |                   | EFFECTI<br>THREA | VE— <del>-</del> |                   |
|  | CROWN                                      | <u>/ / / / / </u>                      |  | Ţ                |                   | HINLA            |                  |                   |
|  |  |  |  | <u> </u>         |                   |                  |                  |                   |
|  |  |  | <u> </u>   |                  |                   |                  |                  |                   |
|  |  |  |  |                  |                   | İ                |                  |                   |
|  |  | į                                      |  |                  |                   | Į                |                  |                   |
|  |  |  | _  |                  |                   |                  | +                |                   |
|  |  |  |  |                  |                   |                  |                  |                   |
| 2X Ø3,   | /16  |  |  | <b>A</b>         |                   |                  | 7/16-20          | UNF - 2A          |
| HOLE   |  |  |  | ø.4385<br>ø.4375 |                   |                  | THREAD           | )                 |
| 1/16 X 3/8 SLOT END VIEW   |  |  |  |                  |                   | SECTION A-A      |                  |                   |
| A END VIEW SCALE 3.500:1   | ZONE HARDENE                               | ED                                     |  |                  |                   | SCALE 3.500:1    |                  |                   |
|  | CUCTOMED DART#                             | XX = ± .01<br>XX = ± .005              | ADTED MAANUU   | ACTUDING 70      | T                 |                  |                  |                   |
| MATERIAL NOTES:  | l xxx                                      | AKTEK MANUI<br>NOT RESPO<br>TYPOGRAPHI | MANUFACTURING IS ESPONSIBLE FOR RAPHICAL ERRORS  CARTER MANUFACTURING CO., INC.  GRAND HAVEN, MICHIGAN 49417 |                  |                   |                  |                  |                   |
| OUTER RING - BEARING STEEL, HEAT TREATED<br>STUD - BEARING STEEL, ZONE HARDENED        | IN:<br>FRAC                                | CH [METRIC]<br>CTION = ± 1/32          | REVIS  | SION             | PART NAME: ASSEME |                  |                  |                   |
| NEEDLE ROLLER(S) - BEARING STEEL, HEAT TREATED<br>WASHER - BEARING STEEL, HEAT TREATED | ENGINEERING CHANGE OR                      | KDEK NUTE                              | В  | AUTHOR BY<br>HG  | DRAWN BY  EMD     | CHK'D BY<br>MD   | SALES<br>KR      | MATERIAL<br>NOTED |

REVISON BY

SGW

DATE

5/1/2017

DATE

6/22/2006

DATE

4/28/2017

DATE

5/5/2017

SHEET

1 OF 2