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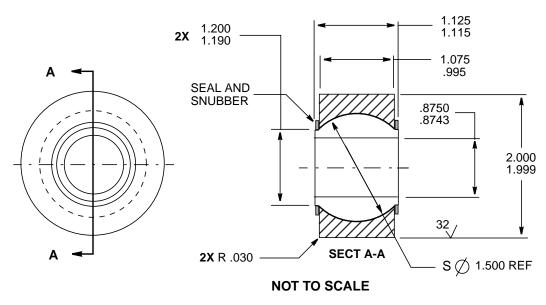
## de HAVILLAND

## **CAGE CODE 71867**

SOURCE CONTROL DRAWING

ONLY THE ITEMS LISTED ON THE DRAWING AND DIENTIFIED BY VENDORS NAME(S), ADDRESSE(S) AND PART NUMBER(S) HAVE BEEN APPROVED BY DEHAVILLAND INC. FOR USE IN DHI AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOU

#### SOURCE CONTROL DRAWING -



A NOTES:

MAX. RADIAL PLAY: .003
 MAX. AXIAL PLAY: .015

MAX. MISALIGNMENT: ± 3°
 BEARING REQUIREMENTS

RADIAL STATIC LOAD: 12000 LBS
AXIAL STATIC LOAD: 1500 LBS

RADIAL DYNAMIC LOAD: 11750 LBS FOR 10000 CYCLES (10 REVOLUTIONS PER CYCLE)

**ENVIRONMENT: DESERT SAND** 

OPERATING TEMPERATURE: -65°F to 160°F

5. BEARING SHALL REMAIN COMPLETELY SERVICEABLE THROUGHOUT ENTIRE LIFE OF 10000 CYCLES

6. BEARING NO-LOAD ROTATIONAL TORQUE SHALL REMAIN 5 IN-LBS MAX. THROUGHOUT ENTIRE OPERATING TEMPERATURE RANGE

LIST OF CURRENT SHEETS									
SHEET	1	2							
REV	Α	Α							

### FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B. McDonald	TITLE:	<b>DSC 515</b>
CHECKED	J. Johnston	BEARING, SELF-ALIGNING,	PAGE 1 OF 2
STRESS	E. Berzonis	SEALED, FLAT O.D., FLAP TRACK	12 MAR 97
APPROVED	S. Hamid		Revision: A

# de HAVILLAND

### **CAGE CODE 71867**

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## SOURCE CONTROL DRAWING -

7. MATERIALS:

OUTER RACE: CRES PER AMS 5617 (CUSTOM 455) Rc 47 MIN.

BALL: CRES PER AMS 5629 (PH13-8MO) H1000 COND

LINER: MIL-B-8943

SEALS/SNUBBERS: PTFE ELASTOMER

8. APPLICATION: FLAP TRACK ROLLER

9. PROCUREMENT DEPT SHALL SPECIFY THE DSC AND MANUFACTURERS PART NUMBER ON

THE PURCHASE ORDER.

10. REQUIREMENTS - UNLESS OTHERWISE SPECIFIED

**GENERAL**:

**DIMENSIONS ARE IN INCHES** 

SURFACE ROUGHNESS 125 V MAX

LIMITS:

DECIMALS: 3 PLACE ± .010

ANGULAR TOLERANCE: ±0° 30'

DHI PART NO	APPROVED VENDOR
DSC 515-1	KAMATICS CORP P/N KRP183614VT

### **VENDORS:**

KAMATICS CORPORATION, BLOOMFIELD CONNECTICUT

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN B. McDonald
CHECKED J. Johnston
STRESS E. Berzonis
APPROVED S. Hamid

BEARING, SELF-ALIGNING,
SEALED, FLAT O.D., FLAP TRACK

**DSC 515** 

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