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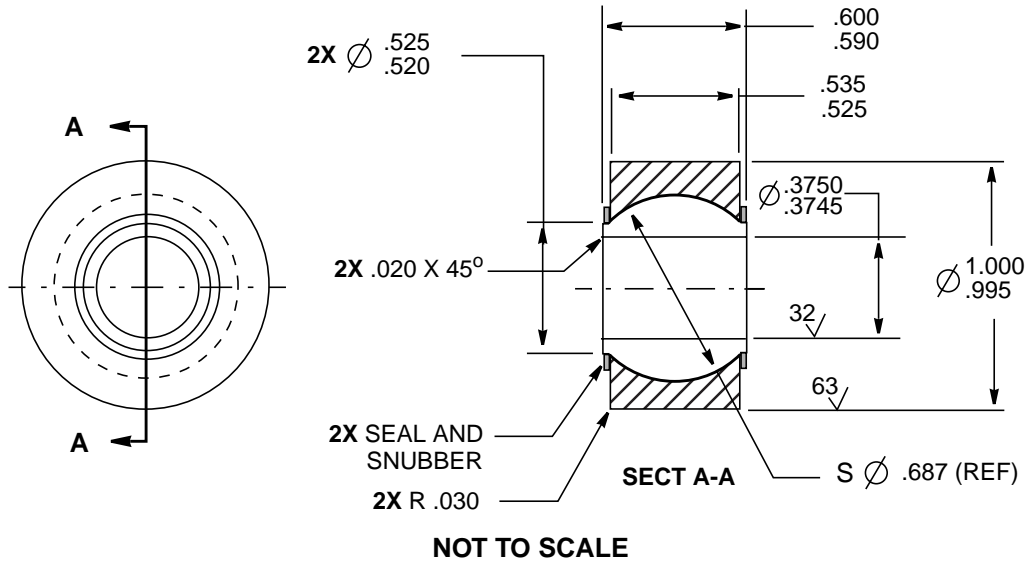
de HAVILLAND

CAGE CODE 71867

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED BY DE HAVILLAND INC. FOR USE IN DHI AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND INC.

SOURCE CONTROL DRAWING



NOTES

- 1 MAX. RADIAL PLAY: .003
- 2 MAX. AXIAL PLAY: .015
- 3 MAX. MISALIGNMENT: $\pm 3^\circ$
- 4 BEARING REQUIREMENTS
 RADIAL STATIC LOAD: 3000 LBS MIN
 AXIAL STATIC LOAD: 500 LBS MIN
 RADIAL DYNAMIC LOAD: 3000 LBS FOR 10000 CYCLES (20 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 2 IN-LBS MAX. THROUGHOUT ENTIRE OPERATING TEMPERATURE RANGE

LIST OF CURRENT SHEETS

SHEET	1	2								
REV	A	A								

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B. McDONALD
CHECKED	J. JOHNSTON
STRESS	C. REHBERG
APPROVED	S. HAMID

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

DSC 517
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 12 MAR 97
 Revision: A

A NOTES CLARIFIED 12 MAR 97 - B. McDONALD

SOURCE CONTROL DRAWING

A 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 $\sqrt{\text{ }}$ MAX
- REMOVE SHARP EDGES .015

LIMITS:

- DECIMALS: 3 PLACE $\pm .010$
- ANGULAR TOLERANCE: $\pm 0^{\circ} 30'$

DHI PART NO	APPROVED VENDOR
DSC 517-1	KAMATICS CORP P/N KRP184406VT

VENDORS:

KAMATICS CORPORATION, BLOOMFIELD CONNECTICUT

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

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