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CAGE CODE 71867

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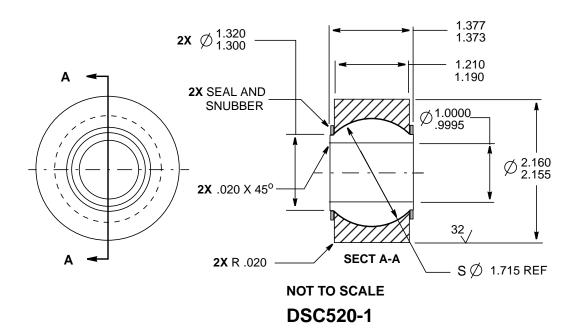
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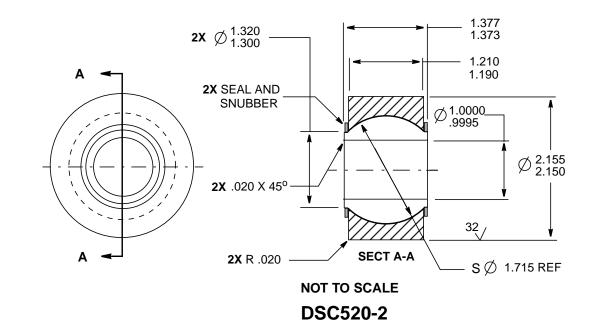
REV: A - 04 APR 2008

APPROVED: 05 FEB 1997

SOURCE CONTROL DRAWING

SOURCE CONTROL DRAWING





LIST OF CURRENT SHEETS									
SHEET	1	2	3						
REV	Α	Α	-						

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B. McDONALD	TITLE:	DSC 520
CHECKED	J. JOHNSTON	BEARING, SELF-ALIGNING,	
STRESS	C. REHBERG	SEALED, FLAT O.D., FLAP TRACK	
APPROVED	S. HAMID		PAGE 1 OF 3

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SOURCE CONTROL DRAWING -

NOTES

1. MAX. ADIAL PLAY: .003

2. MAX. AXIAL PLAY: .015

3. MAX. MISALIGNMENT: ± 4°

4. BEARING REQUIREMENTS

RADIAL STATIC LOAD: 30000 LBS MIN
AXIAL STATIC LOAD: 7500 LBS MIN

- RADIAL DYNAMIC LOAD: 12000 LBS MIN FOR 10000 CYCLES (2 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

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 HOOK 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 \/ MAX
- REMOVE SHARP EDGES .015

LIMITS:

- DECIMALS: 3 PLACE ± .010

- ANGULAR TOLERANCE: ±0° 30'

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B. McDONALD	TITLE:	DSC 520
CHECKED	J JOHNSTON	BEARING, SELF-ALIGNING,	
STRESS	C. REHBERG	SEALED, FLAT O.D., FLAP TRACK	
APPROVED	S. HAMID		PAGE 2 OF 3

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SOURCE CONTROL DRAWING -

APPROVED SOURCES OF SUPPLY

DHI PART NO	APPROVED VENDOR KAMETICS CORP.		
DSC520-1	KRP188816VT		
DSC520-2	KRP256516VT		

VENDORS:

KAMATICS CORPORATION, BLOOMFIELD CONNECTICUT CAGE CODE 50632

FOR ORIGINAL SIGNATURES SEE THE ENGINEERING STANDARDS APPROVAL RECORD

DRAWN	B.EDWARDS	TITLE:	DSC 520	05
CHECKED	J. MACCOLL	BEARING, SELF-ALIGNING,		NEL
STRESS	E.GIOVANNETTI	SEALED, FLAT O.D., FLAP TRACK		APPROVED: 05
APPROVED	B.EDWARDS		PAGE 3 OF 3	AP