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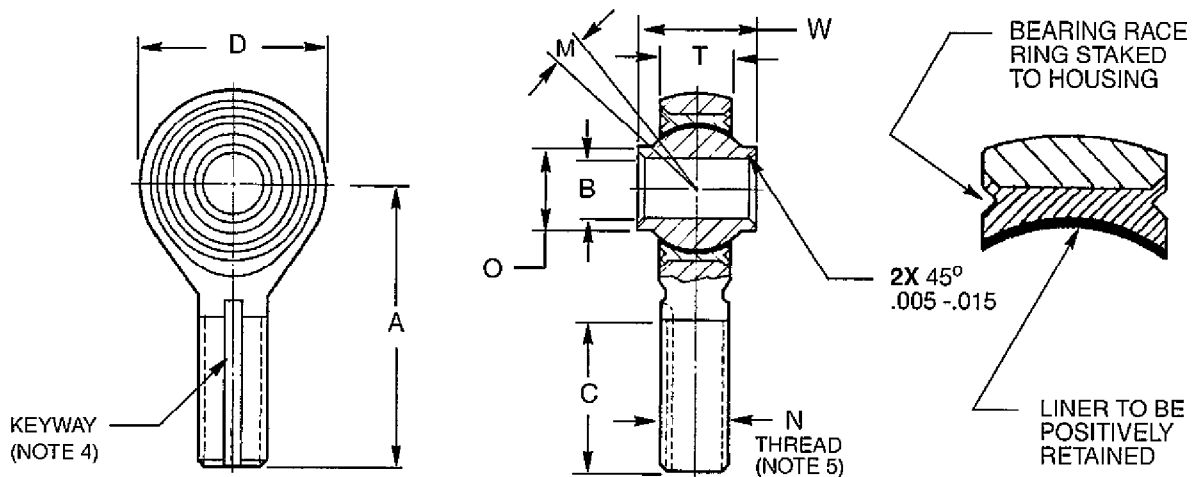
de HAVILLAND

CAGE CODE 71867

SOURCE CONTROL DRAWING

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SOURCE CONTROL DRAWING



PART NUMBER	N UNF 3A THREAD	A ±.060	B +.0000 -.0005	C ±.060	D MAX	M MAX MIS- ALIGN	O DIA. REF.	T ±.005	W +.000 -.005	RADIAL LOAD ULTIMATE		STATIC AXIAL LIMIT LOAD
										DYNAMIC	STATIC	
DSC47-3	5/16-24	1.562	.1900	1.000	.781	15°	.301	.337	.560	4930	5600	560
DSC47-3-1	5/16-24	1.500	.1900	1.000	.750	15°	.319	.220	.500	2810	4950	125
DSC47-4	3/8-24	1.938	.2500	1.250	1.000	24°	.390	.265	.593	4140	8800	225
DSC47-5	7/16-20	2.125	.3125	1.375	1.125	21°	.512	.355	.813	7650	8960	660
DSC47-5-1	5/16-24	1.875	.3125	1.062	.875	15°	.418	.265	.625	4090	5800	250
DSC47-6	7/16-20	2.125	.3750	1.375	1.125	23°	.512	.355	.813	7650	8960	660
DSC47-7	1/2-20	2.436	.4375	1.500	1.312	22°	.618	.355	.875	8570	14400	580
DSC47-8	5/8-18	2.625	.5000	1.625	1.500	20°	.730	.411	.937	11360	20400	930
DSC47-10	3/4-16	2.875	.6250	1.750	1.750	20°	.856	.577	1.200	19670	26800	2475
DSC47-12	7/8-14	3.375	.7500	1.875	2.000	19°	.970	.630	1.280	23670	33900	3055
DSC47-14	7/8-14	3.750	.8750	2.000	2.200	18°	1.140	.635	1.400	26570	35600	2990
DSC47-16	1 1/4-12	4.125	1.0000	2.125	2.750	21°	1.278	.845	1.875	43570	67100	6035

LIST OF CURRENT SHEETS

SHEET	1	2	3	4						
REV	G	F	B	A						

REFER TO DSC 47 REV 'D' FOR ORIGINAL SIGNATURES

DRAWN	S. T. GUNG	TITLE: BEARING, ROD END EXTERNALLY THREADED, SELF-ALIGNING, SPHERICAL, MAXIMUM MISALIGNMENT	DSC 47 PAGE 1 OF 4 Revision: G Date: 23 JUN 97
CHECKED	S. SCHRATTNER		
STRESS	H. KARBE		
APPROVED	D. BINNINGTON		

SHT 3 WAS REV 'A', SHT 4 WAS REV NC, 23 JUN 97 - B. McDONALD

NOTES:

1. THE BEARING BALL MUST BE MOVEABLE WITH THE FINGERS THROUGH THE MISALIGNMENT ANGLE.
2. MAXIMUM RADIAL CLEARANCE .0008.
3. MAXIMUM AXIAL CLEARANCE .005.
- (F) 4. IF "KEYWAY" IS REQUIRED, SLOT SHANK TO NAS 559. TO INDICATE KEYWAY, ADD LETTER "K" AS A SUFFIX TO THE BASIC DASH NUMBER. **EXAMPLE: DSC47-L5-1K**
KEYWAY SHALL BE ORIENTED ALONG THE CENTRELINE OF THE THREADED SHANK. THE PLANE OF THE BOTTOM OF THE KEYWAY SHALL BE PARALLEL TO THE PLANE MADE BY THE FACE OF THE ROD END HOOP.
5. IF A LEFT HAND THREAD IS REQUIRED, ADD LETTER "L" AS A PREFIX TO THE BASIC DASH NUMBER. **EXAMPLE: DSC47-L3**

PART	MATERIAL
HOUSING	STAINLESS STEEL
LINER	SINTERED BRONZE IMPREGNATED WITH TEFLON WITH LOW CARBON STEEL BACKING -OR- WOVEN FIBER IMPREGNATED WITH TEFLON
BALL	STAINLESS STEEL
RACE	STAINLESS STEEL

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DRAWN	S. T. GUNG	TITLE: BEARING, ROD END EXTERNALLY THREADED, SELF-ALIGNING, SPHERICAL, MAXIMUM MISALIGNMENT	DSC 47 PAGE 2 OF 4 Revision: F Date: 17 FEB 97
CHECKED	S. SCHRATTNER		
STRESS	H. KARBE		
APPROVED	D. BINNINGTON		

(E) CORRECTION - NOTE 4 'K' AS A SUFFIX... WAS 'L'
17 FEB 97 - B. McDONALD

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SOURCE CONTROL DRAWING

DHC PART NUMBER	APPROVED VENDOR'S PART NUMBER (Note 1)				
	NHBB (ASTRO DIV) (1)	B HEIM (2)	KAHR (3) (Note 2)	NMB (4)	SPECLINE (Note 2 & 3)
DSC47-3	ADYEDE 3	MSSE-3D	KBNE 3-66	ANMY 3-11	58E03-307
DSC47-3-1	ADYEDE 3-1	MSSE-3DA	KBNE 3-28	ANMY 3-1-11	58E03-307-1
DSC47-4	ADYEDE 4	MSSE-4D	KBNE 4-66	ANMY 4-11	58E04-307
DSC47-5	ADYEDE 5	MSSE-5D	KBNE 5-66	ANMY 5-11	58E05-307
DSC47-5-1	ADYEDE 5-1	MSSE-5DA	KBNE 5-34	ANMY 5-1-11	58E05-307-1
DSC47-6	ADYEDE 6	MSSE-6D	KBNE 6-66	ANMY 6-11	58E06-307
DSC47-7	ADYEDE 7	MSSE-7D	KBNE 7-66	ANMY 7-11	58E07-307
DSC47-8	ADYEDE 8	MSSE-8D	KBNE 8-66	ANMY 8-11	58E08-307
DSC47-10	ADYEDE 10	MSSE-10D	KBNE 10-66	ANMY 10-11	58E10-307
DSC47-12	ADYEDE 12	MSSE-12D	KBNE 12-66	ANMY 12-11	58E12-307
DSC47-14	ADYEDE 14	MSSE-14D	KBNE 14-66	ANMY 14-11	58E14-307
DSC47-16	ADYEDE 16	MSSE-16D	KBNE 16-66	ANMY 16-11	58E16-307

VENDOR'S ADDRESS

1. NEW HAMPSHIRE BALL BEARING INC - 155 LEXINGTON DR., LACONIA, NH
2. HEIM UNIVERSAL CORP - FAIRFIELD, CONN
3. KAHR BEARING CORP - 3010 SAN FERNANDO BLVD - BURBANK, CA
4. NMB CORP - 9370 INDEPENDENCE AVE, CHATSWORTH, CA

NOTES:

1. PROCUREMENT DEPT SHALL SPECIFY THE DSC AND MANUFACTURER'S PART NUMBER ON THE PURCHASE ORDER.
2. TO INDICATE KEYWAY - USE SUFFIX "W" IN LIEU OF "K" IF BEARING IS ORDERED FROM KAHR OR SPECLINE.
3. CHANGE PREFIX TO 60 FOR LH THREAD IF BEARING IS ORDERED FROM SPECLINE
- e.g. 60E05-307

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CHECKED	S. SCHRATTNER		
STRESS	H. KARBE		
APPROVED	D. BINNINGTON		

B HEIM P/N MSSE-() WAS MSSRR-() 23 JUN 97 - B. McDONALD

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DHC PART NUMBER	INACTIVE VENDOR'S PART NUMBER (Note)				
	ASTRO	HEIM	HEIM	HEIM	Ⓐ HEIM
DSC47-3	ARY-3 DU	MJNV-3	MJNR-3D	MJNR-3DH	MSSRR-3D
DSC47-3-1	ARY-3-101-DU	MJNV-3A	MJNR-3DA	MJNR-3DAH	MSSRR-3DA
DSC47-4	ARY-4 DU	MJNV-4	MJNR-4D	MJNR-4DH	MSSRR-4D
DSC47-5	ARY-5 DU	MJNV-5	MJNR-5D	MJNR-5DH	MSSRR-5D
DSC47-5-1	ARY-5-101-DU	MJNV-5A	MJNR-5DA	MJNR-5DAH	MSSRR-5DA
DSC47-6	ARY-6 DU	MJNV-6	MJNR-6D	MJNR-6DH	MSSRR-6D
DSC47-7	ARY-7 DU	MJNV-7	MJNR-7D	MJNR-7DH	MSSRR-7D
DSC47-8	ARY-8 DU	MJNV-8	MJNR-8D	MJNR-8DH	MSSRR-8D
DSC47-10	ARY-10 DU	MJNV-10	MJNR-10D	MJNR-10DH	MSSRR-10D
DSC47-12	ARY-12 DU	MJNV-12	MJNR-12D	MJNR-12DH	MSSRR-12D
DSC47-14	ARY-14 DU	MJNV-14	MJNR-14D	MJNR-14DH	MSSRR-14D
DSC47-16	ARY-16 DU	MJNV-16	MJNR-16D	MJNR-16DH	MSSRR-16D

NOTE: THESE PART NUMBERS ARE INACTIVE FOR FUTURE ORDERING ONLY.

HEIM P/N MSSRR-() SERIES ADDED
23 JUN 97 - B. McDONALD

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