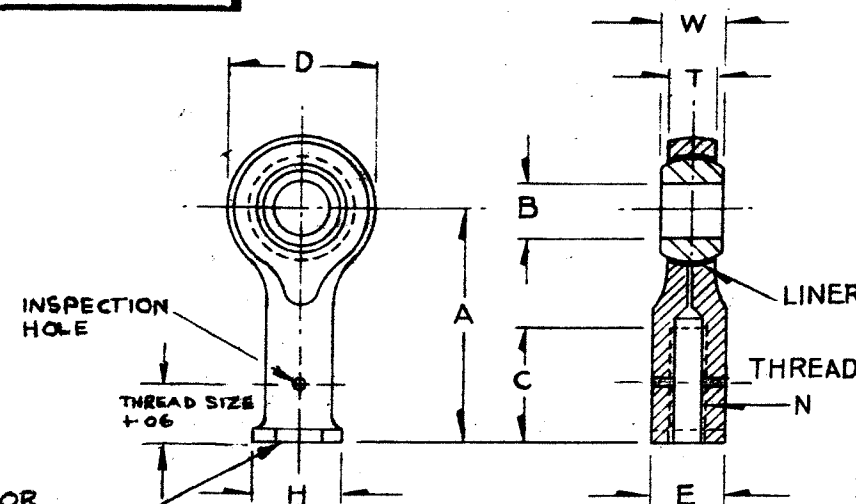


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REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

PART	MATERIAL
BALL	STEEL HARD CHROME PLATED OR STAINLESS STEEL
HOUSING	STAINLESS STEEL
LINER	CLOTH OR SINTERED BRONZE IMPREGNATED WITH TEFLON
RACE	STAINLESS STEEL



THIS AREA MAY BE HEXAGONAL OR MAY HAVE WRENCHING FLATS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
D		REDRAWN. "LIMIT" CHANGED TO "ULTIMATE". MATERIAL AND NOTES REGARDING "SALT WATER" WERE DELETED. DSC-5-3A AT "D" DIM WAS .562. DSC-5-4 AT "D" DIM WAS .938. RADIAL LOADS & MISALIGNMENT ANGLE WERE REVISED. 3-PIECE BEARING ACCEPTABLE. DSC 5-8 "D" DIM. WAS 1.250 DSC 5-3 "D" WAS .750; DSC 5-5 "D" WAS .875	SFG 8 JUL 1966		SCHRATNER		
E		INSPECTION HOLE SHOWN ON DSC DWG.	23 JUN 67	SS			
F		DSC 5-3B "D" WAS .750	30 OCT 67	SS			
G		STEEL OPTION FOR BALL DELETED, PACE MAT ADDRESS	28 MAR 68				
K		51E03-30S-1 (SPEC LINE) DELETED ON SHEET 2	23 OCT 67	ED			
L		VENDOR'S NAME & ADDRESS CHANGED (ON SHT 2)	23 OCT 68	ED			

7. THE BEARING BALL MUST BE MOVEABLE WITH THE FINGERS THROUGH THE MISALIGNMENT ANGLE.
6. LINER HAS TO BE POSITIVELY RETAINED.
5. THREE PIECE BEARING CONSTRUCTION IS ACCEPTABLE IF THE BEARING IS RETAINED POSITIVELY BY AN ANNULAR SWAGING METHOD IN THE BANJO HOUSING.
4. MAXIMUM RADIAL CLEARANCE .0008.
3. MAXIMUM AXIAL CLEARANCE .005
2. MIN. AXIAL LOAD TO BE 10% OF ULT. RADIAL STATIC LOAD.
1. ULT. RADIAL STATIC LOAD - CATASTROPHIC FAILURE

NOTES

▶ AVAILABLE IN DHC STOCK

NUMBERING OF PARTS —

IF A LEFT HAND THREAD IS REQUIRED, ADD LETTER "L" AS A PREFIX TO THE BASIC DASH NUMBER.
EXAMPLE: DSC-5-L3.

* PLAIN SHANK

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 THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED FOR THE USE IN DHC AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD.

MOD NO.		THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO				
DRAWN	SFG JNG JUL 66	DRAWING TITLE BEARING, ROD END				
CHECKED		INTERNALLY THREADED, SELF ALIGNING SPHERICAL				
APPROVED						
STRESS						
		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV
		71867	B	DSC 5	P	L
		SCALE	WGT. CALC	ACTUAL	SHEET 1 OF 2	

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REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
L		SPECLINE DELETED AS APPROVED SOURCE. (REF RFL 169973)	11/24/08	ED	RE	1	RE
M		VENDOR'S ADDRESS NO.6 CHANGED - VENDOR'S NAME MODIFIED ON TABLE & NOTE 1.	23 Oct 08	ED	RE	1	RE

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

② THESE PART NUMBERS INACTIVE FOR FUTURE ORDER.

PART NUMBER	ASTRO DU-LINED	ASTRO TFE-LINED	HEIM OLD N2	HEIM NEW N2	KAHR	TORCO	TRANSPORT DYNAMICS	NEW ASTRO TFE LINED	NMB/MINEBEA CO. LTD. NMB CORPORATION TFE LINED	HEIM	HEIM
DSC5-3A	H0-3DU	ATN-3-3	FV-3B	FR-3DEA	KBN3-85	TY3SL	77443-03A	NHNDE3-2	ART 3A 11	FSSRR-3DA	FSSE-3DA
-3B	AB-3-SPI4	-3-4	-	FR-3DEB	3-86	TD3100	-	3-8	ART 3B 11	-3DB	-3DB
-3	ARB-3-50	-3-50	FV-3DE	FR-3DE	3-88	TD35L	-03	3-1	ART 3-11	-3D	-3D
-4	ARB-4-50	-4-51	FV-4A	-4DE	4-95	TD45L	-04	4-1	ART 4-11	-4D	-4D
-5	ARB-5-50	-5-50	FV-5DE	-5DE	5-88	TD55L	-05	5-1	ART 5-11	-5D	-5D
-6	H-6-5	-6-50	FV-6DE	-6DE	6-88	TD65L	-06	6-1	ART 6-11	-6D	-6D
-7	H-7-5	-7-50	FV-7DE	-7DE	7-88	TD75L	-	7-1	ART 7-11	-	-
-8	ARB-8-50	-8-50	FV-8DE	-8DE	8-88	TD85L	-08	8-1	ART 8-11	-8D	-8D
-10	H-10-5	-10-50	FV-10DE	-10DE	10-88	TD105L	-10	10-1	ART 10-11	-10D	-10D
DSC5-12	H-12-5	ATN-12-50	FV-12DE	FR-12DE	KBN12-88	TD125L	77443-12	NHNDE 12-1	ART 12-11	FSSRR -12D	FSSE-12D

NOTES

1. IF A LEFTHAND THREAD IS REQ'D, ADD 'L' TO THE FOLLOWING VENDOR PART NUMBERS AS SHOWN:

TORCO - TYL, TDL

ASTRO - HOL, ABL, ARBL, HL, ATNL, ADNDEL

HEIM - FLV, FLR

KAHR - KBNL

TRANSPORT DYNAMICS - CHANGE FIRST DIGIT FROM 7 TO 6 i.e. 67443-10

NMB/MINEBEA CO. - ARTL

VENDOR'S ADDRESSES

1. ASTRO DIV. NEW HAMPSHIRE BALL BEARINGS INC

155 LEXINGTON DR. LACONIA NEW HAMPSHIRE 03246

2. SARGENT INDUSTRIES, KAHR BEARING DIVISION, 3010 NO. SAN FERNANDO BLVD
BURBANK, CALIFORNIA 91503

3. LEAR SIEGLER, TRANSPORT DYNAMICS DIVISION, 3131 WEST SEGERSTRON AVE
SANTA ANA CALIFORNIA 92702

4. HEIM BEARING CO., 60 ROUNDHILL RD, FAIRFIELD CONNECTICUT

5. TORCO - OUT OF BUSINESS, REF ONLY

6. NMB/MINEBEA CO., LTD., ROD END MANUFACTURING DIVISION, 4106-73 OAZA MIYOTA,
MIYOTA-MACHI, KITASAKI-GUN, NAGANO-KEN, 389-0293, JAPAN

7. SPECLINE - 11185 TUXFORD ST, SUN VALLEY CALIF. 91352

SOURCE CONTROL DRAWING

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PART NUMBER	SPECLINE	ASTRO
DSC5-3A	51E03-305-1	ADNDE3-2
-3B	51E03-305-2	3-3
-3	51E03-305	3-1
-4	51E04-305	4-1
-5	51E05-305	5-1
-6	51E06-305	6-1
-7	51E07-305	7-1
-8	51E08-305	8-1
-10	51E10-305	10-1
DSC5-12	51E12-305	ADNDE12-1

DRAWN	SF GUNG
CHECKED	
STD. M&P	
STRESS	
CH. DRAFT	
DATE	

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED
DOWNSVIEW ONTARIO

DRAWING TITLE

BEARING, ROD END

INTERNALLY THREADED, SELF ALIGNING
SPHERICAL

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867		DSC 5		M
SCALE	WGT. CALC	ACTUAL	SHEET 2 OF 2	