

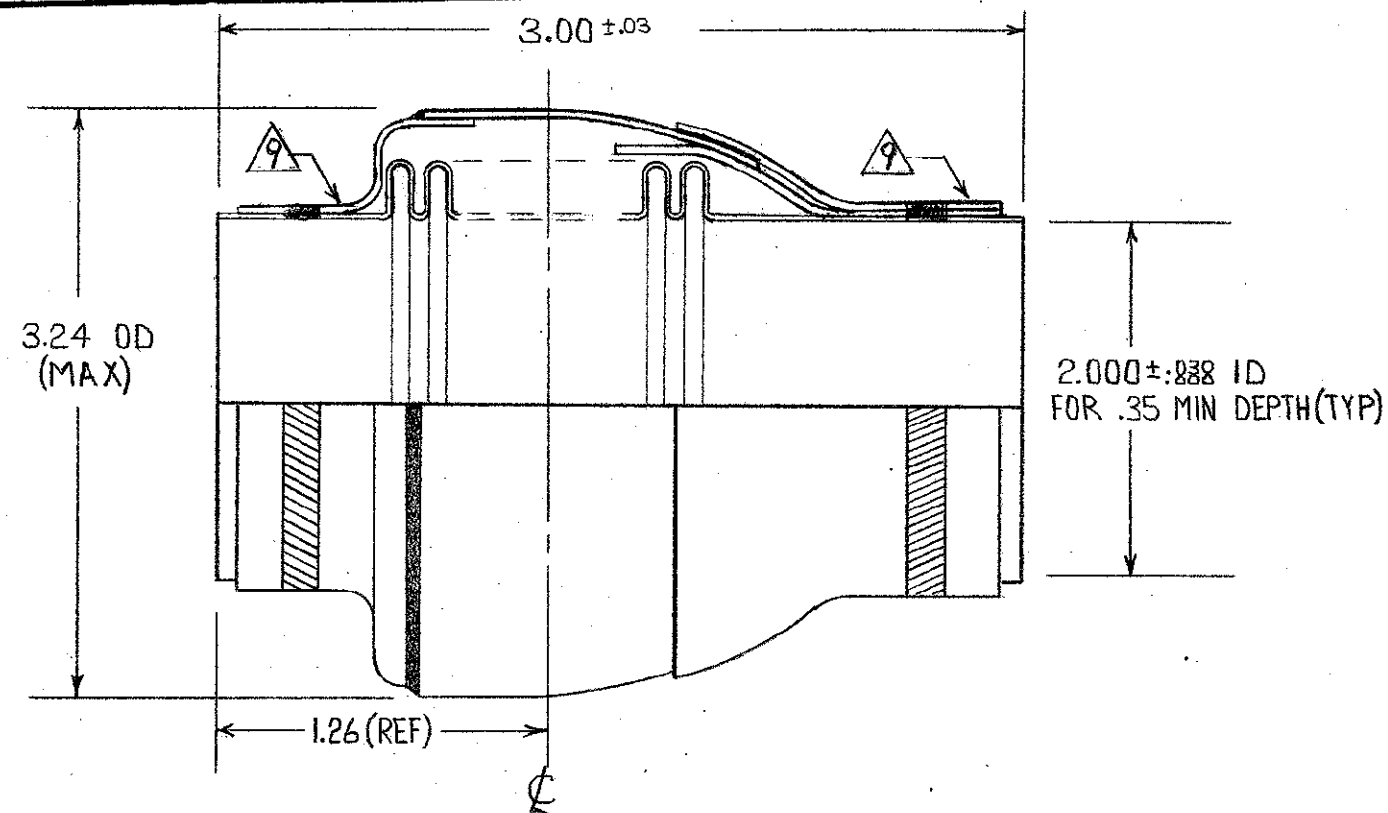
This drawing is private and confidential and is supplied on the express condition that it is not to be used for any purpose or copied or communicated to any other person without the permission of

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO
ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A		REVISED: -2 INFORMATION, NOTES 3, 7 & 8 ADDED	20/8/86	RR	RR		
B		BIRD PRECISION BELLOWES LTD: ADDED TO VENDORS LIST.	11/10/87	Y. RAY	RR		AW



NOTES:

- MATERIAL: All parts 321 cres (Mil-S-6721), inconel 625 (AMS 5599) or Inconel 718 (AMS 5596).
- Operating temp: -65°F to $+550^{\circ}\text{F}$
- Max. transient temp: $+880^{\circ}\text{F}$
- Angular deflection: $\pm 10^{\circ}$ in any direction
- Bending Moment: 37 in-lb
- Proof pressure at room temperature: 405 psig for -1 and 505 psig for -2.
No leaking or permanent deformation allowed.
- Burst pressure; 600 psig for -1 and 750 psig for -2.
- Max. working pressure 55 psig for -1 and 70 psig for -2.
- Material used in construction of sleeves must be specified by manufacturer on tag and attached to component.
- Procurement Dept. shall specify the DSC and manufacturer's part number on purchase order.
- A certificate of compliance must accompany each order.
- The suppliers quality system shall meet as a minimum the requirements of Mil-I-45208 or AQAP-4.

PART NUMBER	APPROVED VENDORS		
	S.S.P.	FLEXONICS	B.P.B. LTD
DSC 353-1	1507811-106	311-200-9003	E/39/11860/B-4
DSC 353-2	9910097-101	311-200-9003-102	E/39/11860/B-5

- Parts are to be marked permanently with manufacturer's name and part number, DSC part number and date of manufacture.
- All welds per Mil-W-8611/Mil-W-8658 or equivalent. All welds inspected 100% visually, 10X magnification.

DRAWN	M. ROSSO	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO																	
CHECKED	RR																		
APPROVED		DRAWING TITLE BALL JOINT 2.0 OD TUBE SIZE																	
STRESS																			
STD. M.&P.	CH. DRAFTN.	CODE IDENT NO. 71867																	
		DWC SIZE		DRAWING NO.		RELEASE		REV.											
				DSC 353				B											
SCALE		WGT. CALC		ACTUAL		SHEET													

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