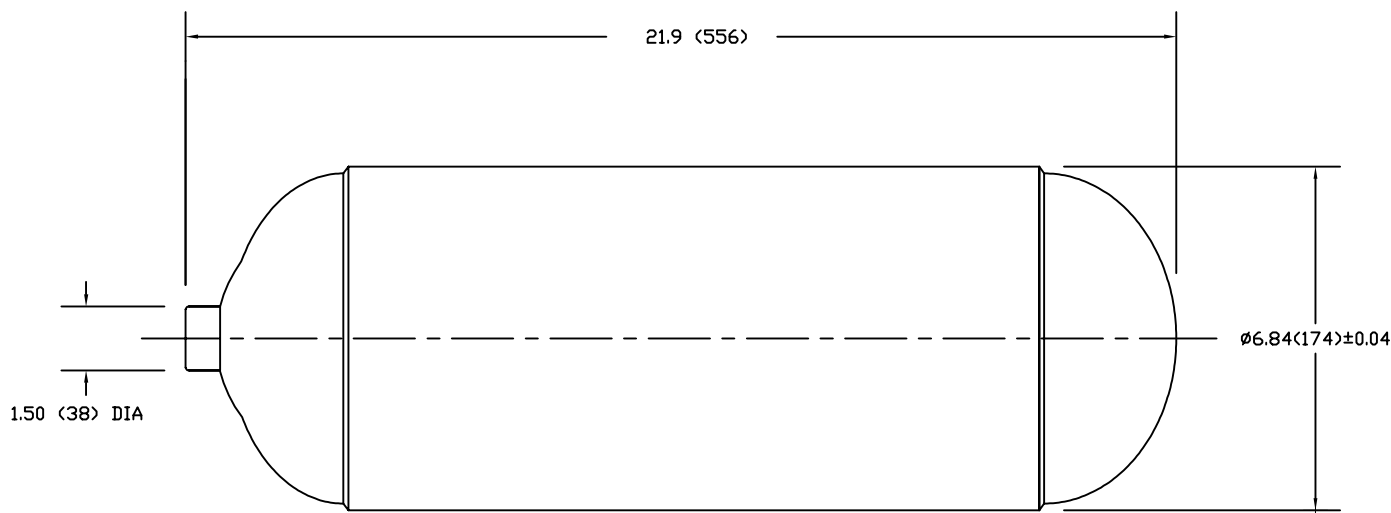
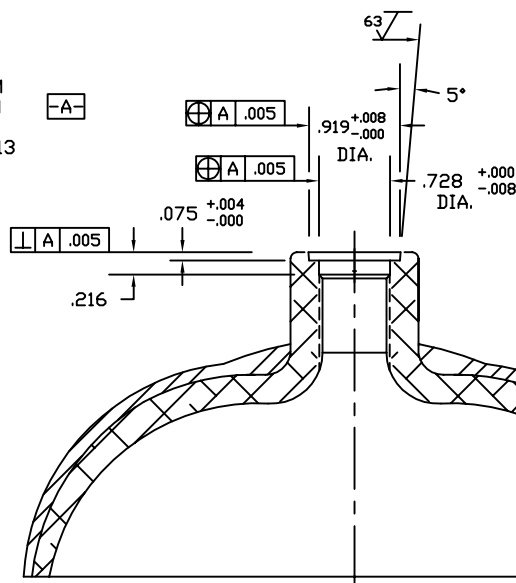


L87A  
LETTER ID: IA



M18 x 1.5 TOL. CLASS 6H

1. MINOR DIA. 16.676 - 16.376 MM
2. PITCH DIA. 17.216 - 17.026 MM
3. MAJOR DIA. 18.000 MM MIN.
4. MINIMUM NUMBER OF THREADS: 13



NOTES:

1. CYLINDER TO BE MANUFACTURED IN ACCORDANCE WITH HSE-AL-FW2 OR prEN12245 SPECIFICATION.
2. ALL DIMENSIONS SHOWN APPLY IN THE UNPRESSURIZED STATE AFTER THE TEST PRESSURE.
3. LINER MATERIAL: 6061-T6 ALUMINUM.
4. COMPOSITE MATERIAL: CARBON AND S-2 GLASS WITH EPOXY RESIN.
5. REFER TO THE L87A SCD'S FOR THE EXTERIOR DETAILS OF THE SPECIFIC CUSTOMER.
6. THE OUT-OF-ROUNDNESS OF THE CYLINDER SHALL NOT EXCEED 3% OF THE MEAN CYLINDER DIAMETER.
7. THE MAXIMUM DEVIATION OF THE CYLINDER FROM A STRAIGHT LINE SHALL NOT EXCEED 0.236 IN. (6 MM) PER 39.37 IN. (1 METRE) OF LENGTH.

CYLINDER DATA

CYLINDER WEIGHT	10.6 LB (4.81 KG) MAX
WATER VOLUME	550 CU-IN (9.0 LITER) MIN.
SERVICE PRESSURE	4350 PSI (300 BAR).
TEST PRESSURE	6525 PSI (450 BAR).
MIN. BURST PRESS.	13050 PSI (900 BAR).
DESIGN LIFE	15 YEARS
VALVE TORQUE (MAX.)	AS PER EN ISO 13341



LUXFER GAS CYLINDERS

COMPOSITE CYLINDER DIVISION

Riverside, CA

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F	Revised as per DCN L87A031	CSG	09-05-02
E	Revised as per DCN L87A022	CSG	02-11-02
D	REV GENERAL DIMENSIONS	J.K.	02-27-96
C	ADDED NOTE 5.	J.K.	01-12-96
B	CORRECTED PART NUMBER	J.K.	08-21-95
A	DRAWN ON NEW BORDER DWG.	A.G.	03-15-95
REF.	CHANGE	BY	DATE

DATE	12-15-94	ANGULAR ± 1°	125	COMPUTER FILE NAME	SIZE
DRAWN BY	A.GODIL	FRACTIONAL ± 1/16	FINISH	L87A.DWG	C
APPROVED		DECIMAL .X .XX .XXX	UNLESS NOTED		
		±.1 ±.03 ±.005			
		PART NAME & NUMBER			
		87 CU FT CARBON LIFE SUPPORT CYLINDER			
SHEET 1 OF 1	SCALE	CAGE CODE	DRAWING NUMBER	REV.	
	NONE	59450	L87A	F	