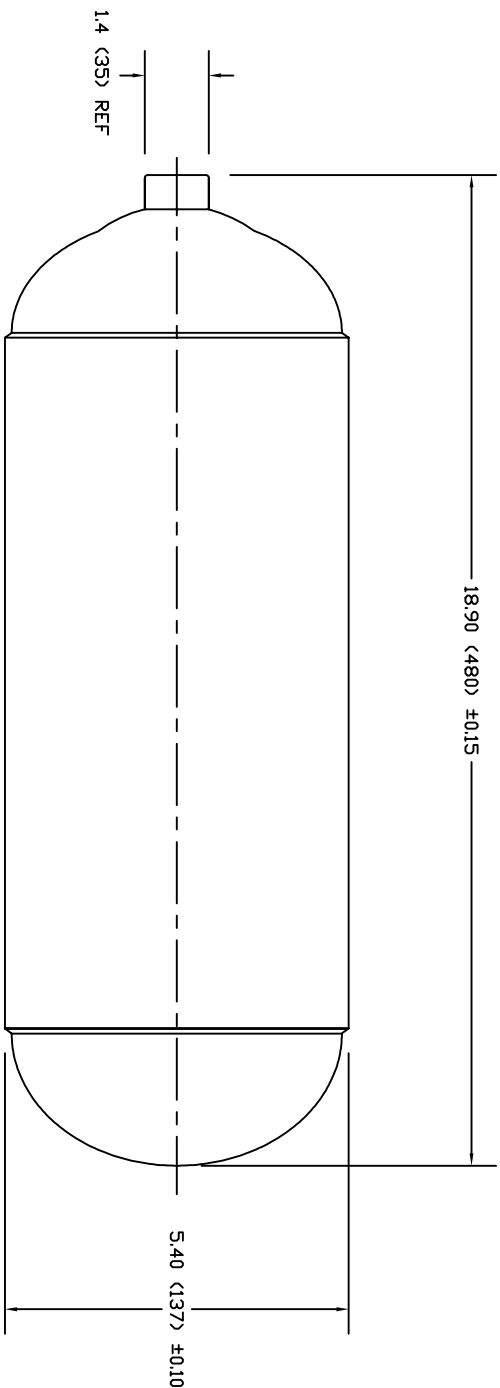
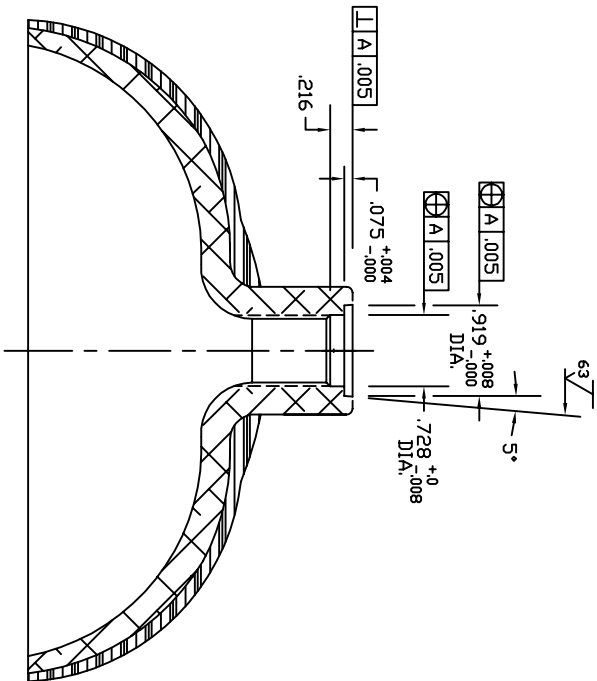




- M18 x 1.5 TDL CLASS 6H
1. MINOR DIA. 16.676 - 16.376 MM
 2. PITCH DIA. 17.216 - 17.026 MM
 3. MAJOR DIA. 18.000 MM MIN.
 4. MINIMUM NUMBER OF THREADS: 13

-A-



- NOTES:
1. CYLINDER TO BE MANUFACTURED IN ACCORDANCE WITH EN12245 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 L45X 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	6.2 LB (2.8 KG) MAX
WATER VOLUME	285 CU-IN (4.7 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

DATE	04-15-03	ANGULAR ± 1°	125	COMPUTER FILE NAME	SIZE
DRAWN BY	J.CARRIGAN	FRACTIONAL ± 1/16	FINISH	L45X.DWG	C
APPROVED		DECIMAL .X .XX .XXX	UNLESS NOTED		
PART NAME & NUMBER	45 CU FT CARBON LIFE SUPPORT CYLINDER	±.1 ±.03 ±.005			
SCALE	CAGE CODE		DRAWING NUMBER		REV.
REF.	CHANGE	BY	DATE		NC

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