





# TECHNICAL SPECIFICATION

Doc't No:	19313797
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Issue No:	1

Material description:	Aluminium Alloy – billet
Water capacity (litre):	0.4 min
Area of use:	Europe
Standards/Specification:	EN1975
Approval:	TPED (2010/35/EC)
Material of construction:	Aluminium Alloy AA 6061 T6
Material yield stress (MPa):	295
Material tensile strength (MPa):	344
Outside diameter (mm):	60
Length (mm):	242 ± 2
Average weight (kg):	0.51
Inlet thread:	ISO 11636-1 17E
External collar thread:	42mm dia
Filling Ratio (kg/litre):	N/A
Working pressure at 15°C (bar):	200
Test pressure (bar):	300
Shape/type of base:	Flat
Supplier:	Luxfer



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Vendor drawing reference: SK3858 Issue 1 date 15.10.10

Stamp marking reference: Linde specification 50002062

Cleaning code: C2 : Clean Ind – Linde specification 50002249

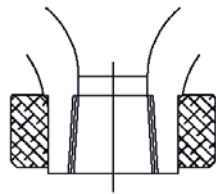
Gas(es): Hydrogen



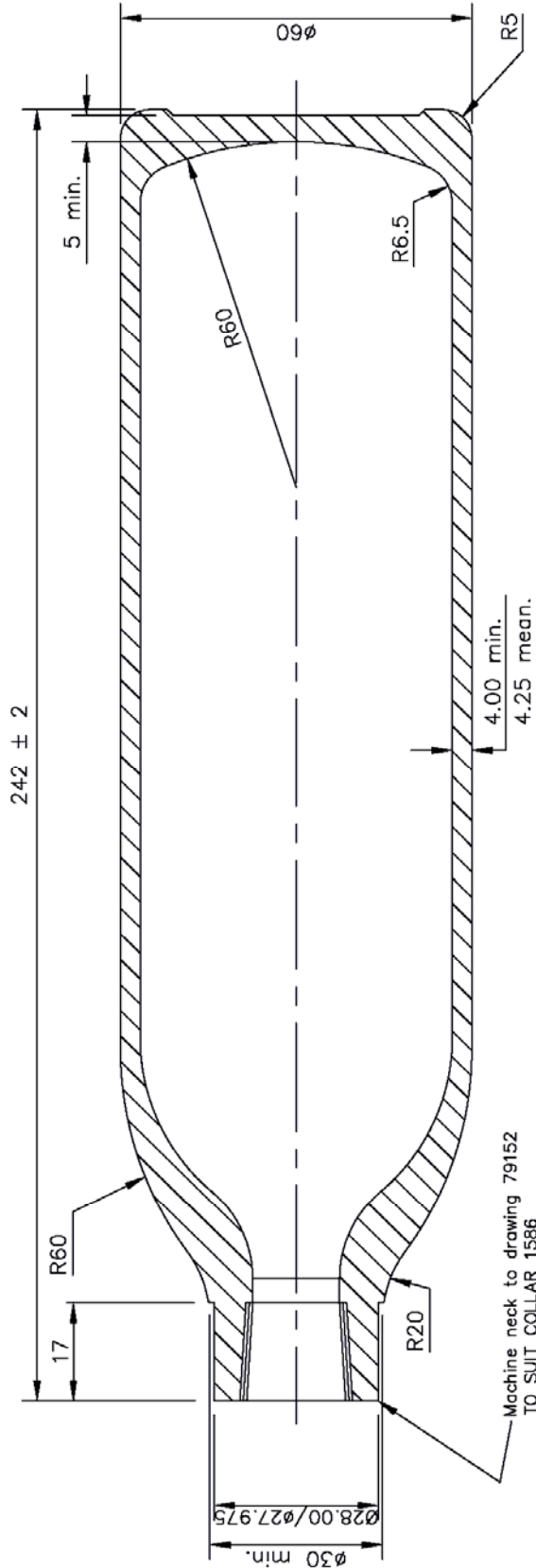
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## LUXFER GAS CYLINDERS LTD.



Detail of neck with 1586 Shrink-fit Collar Fitted.



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MATERIAL:	ALUMINIUM ALLOY AA 6061 T6	WATER CAPACITY:	400 cc's min.
UTS (min.):	344 MPa	EMPTY WEIGHT:	510 gm (approx.)
0.2% PROOF STRESS:	295 MPa	THREAD:	17E
ELONGATION ON:	5.65 √A (min.)	FILLING RATIO:	12%
CHECKED	A.S.N.	CHARGING PRESSURE	200 bar
DATE	15.10.10	DEVELOPED PRESSURE	300 bar
DESIGN:	EN1975	TEST PRESSURE:	480 bar
		BURST PRESSURE: (min.)	480 bar
All Dimensions in mm u.s.a.			