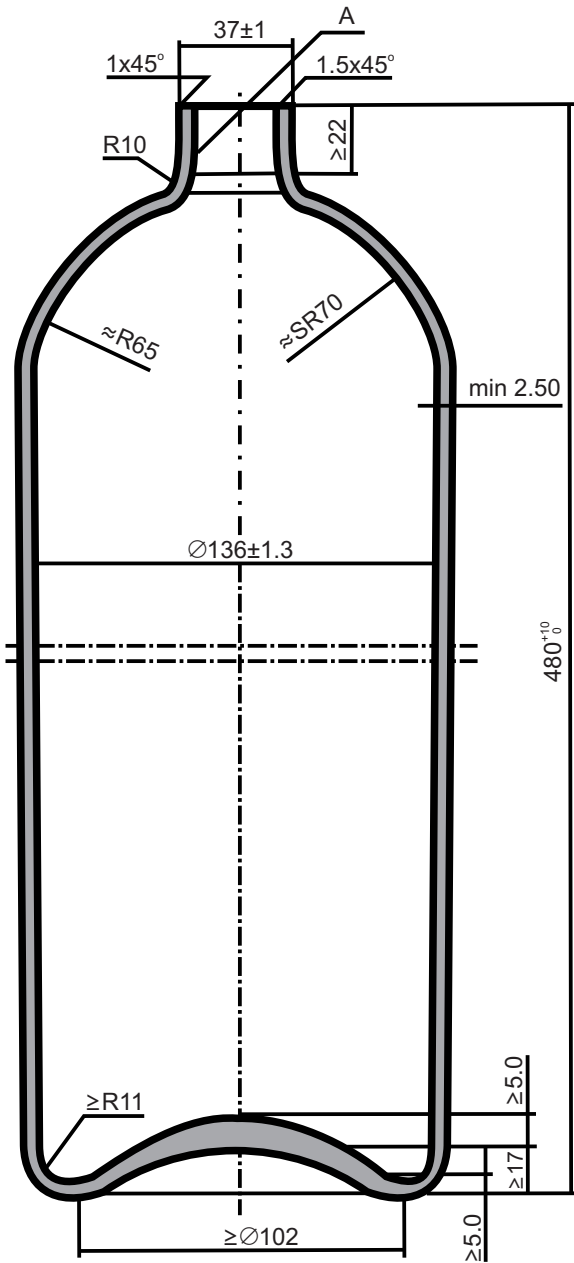


OLT136M-CM3.5



Technical Requirement:

1. Cylinder design, manufacture and inspection is acc. to EN1964-1:1999.
2. The chemical composition of the cylinder material 34CrMo4

C(%)	Si(%)	Mn(%)	P(%)	S(%)	Cr(%)	Mo(%)	S+P(%)	V+Nb+Ti+B+Zn(%)
0.30~0.37	0.15~0.35	0.50~0.80	≤ 0.020	≤ 0.010	0.90~1.20	0.15~0.25	≤ 0.025	≤ 0.15 (%)

3. Mechanical property after heat treatment

Rg(N/mm ²)	Re(N/mm ²)	A(%)	$\partial kv(-50\tau)$ (J/cm ²) min. value	(Longitudinal) ave. value
$920 \leq Rg < 1100$	≥ 780	≥ 14	≥ 48	≥ 60

4. Hardness: HB250-310(HRC25-33.5)
5. Test Pressure: 250BAR
6. Inside surface should be clear, no injurant such as iron swarf, foreign material, grease, etc.
7. Burst Test: ≥ 400 BAR
8. Capacity: ≥ 5.23 L

Seamless Steel Gas Cylinder	OLT36M-CM3.5			
	UY-354			