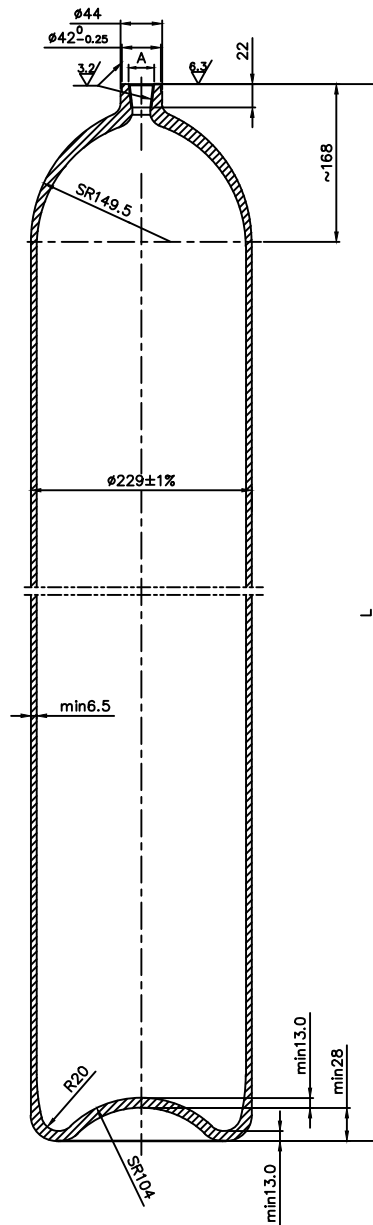




TECHNICAL REQUIREMENTS

- 1: Manufacture Standard: ISO9809-2:2010;
- 2: Manufacture Process: Billet Pierced;
- 3: Working Pressure: 300bar;
- 4: Hydraulic Testing Pressure: 450bar;
- 5: Minimum Burst Pressure: 720bar;
- 6: Material: 34CrMo4, Chemical Composition as below: (%)

Material	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V+Ti+B+Nb+Zr
34CrMo4	0.32 ~0.36	0.17 ~0.32	0.70 ~0.90	≤0.015	≤0.005	0.95 ~1.15	0.20 ~0.30	≤0.30	≤0.20	≤0.15

- 8: Heat Treatment Process: Quenched and Tempered;

- 9: Mechanical Properties As Below:

R _g (N/mm ²)	R _e (N/mm ²)	A(%)	a _{KV} (-50℃J/cm ²) (Transverse)		Hardness(HB)
≥1100*	≥980	≥12	minimum		320-375
			A	≥24.5	
			B	≥35	

A: Absolute minimum acceptance values; B: Mean values above which no flawed burst test is required as a batch test.

- 10: Thread Specification As Below:

"A"	STANDARD
PZ27.8	GB8335
1"-14	BS.341
W28.8-1/14	DIN.477
25E	ISO11363-1
3/4"-14NGT	CGA V-1

- 11: Specification Of The Cylinder;

Capacity ₀ ^{+5%} (L)	50
Length ±10(mm)	1500
Weight approx (kg)	70

total number of old bottom diagram

total number of bottom diagram

Signing

Date.

					ISO9809 229-50-300 SEAMLESS STEEL GAS CYLINDER			DRW.No.	JD-C-229/30-02
								ISSUE	Rev. 3
								Cylinder	
MARK	QNTY	MODIFIED DOC. NO.	SIGN	DATE	Amount	Weight	Scale	JINDUN 浙江金盾压力容器有限公司 Zhejiang Jindun Pressure Vessel Co., Ltd.	
DESIGN		PRCS.					1:5		
REVIEW		STD.							
AUDIT									
APPROVAL		DATE.			Page 1 of 1				