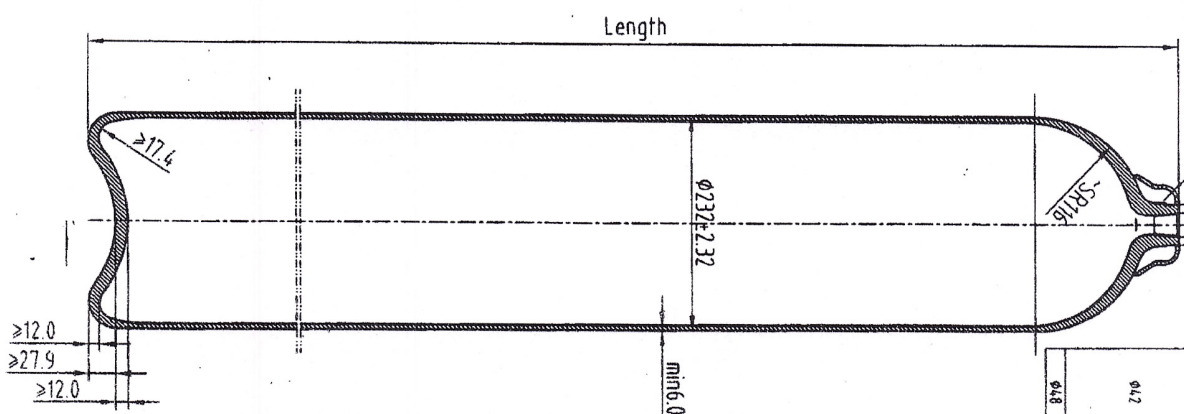


Neck ring

Neck

To customer's require

Neck	Thread Spec.
Ø42	P2718
	W28.8X1/L
	25I
	25E
	H14B5
	3/4"-14NGT
	W28-14
	1-115NGT



Technical requirements

- Design according to:ISO9809-3:2010
- Filling contents:compressed gases or liquified gases
- Environmental temperature:-20℃ to 65℃
- Material:37Mn
- Heat treatment:Normalized
- Hydraulia test pressure:250bar
- Working pressure:150bar
- Mechanical properties

Tensile strength	Yield strength	Elongation(%)	Impact value(Transverse-20℃ V	Hardness
710MPa≤Rm≤800MPa	Rea≥100MPa	≥Max.(20,25000/2Rm)	≥20J/cm ²	175HB-265HB
- | Specification | Water capacity (L) | Length ±20(mm) | Empty weight approx (kg) | 4.5.5 | 4.7.4 | 5.2.6 | 5.3.3 | 5.4.5 | 5.7.5 | 5.9.3 |
|---------------|--------------------|----------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|
| | 38 | 4.0 | 4.5 | 4.6 | 4.7 | 5.0 | 5.2 | | | |
- Spun-tube cylinder
- Out of roundness shall not exceed 2% of the mean of the same cross-section diameter
- The maximum deviation of the cylindrical part of the shall from a straight line shall not exceed 3mm/m length
- The deviation from vertical shall not exceed 10mm/m length
- The minimum burst pressure shall be 4.25bar(4.2.5MPa)

GAS CYLINDER				ISO232-Mn-01	
NO.	INDEX	SIGN	DATE	QUANTITY	WEIGHT/SCALE
DESN	Zhang CL	REVD			
DRAN		APPD	4.12.28	37Mn	
CHKD					
DATE: 2008.1.28				TOTAL 1 PAGE	
				Shandong Tianhai High-pressure Vessel Co., LTD	