



SinoCleansky
Super Cylinder Supply

HIGH PRESSURE SEAMLESS STEEL CYLINDER

For O₂

Gas volume=Water capacity * Working pressure / 1000
6m ³ ≈ 40L*150Bar/1000
7m ³ ≈ 47L*150Bar/1000
10m ³ ≈ 50L*200Bar/1000

For CO₂

Gas weight=Water capacity * Density
40KG ≈ 68L*0.6KG/L (15MPa)
50KG ≈ 68L*0.74KG/L (20MPa)

ACETYLENE CYLINDER

40L Cylinder { Acetone:13.6Kg
Acetylene:6.8Kg(7.4M³)
Acetylene density: 0.91kg/M³

JUMBO CYLINDER

For CNG

Standard cubic CNG required to compress into 1M³ water at 25MPa: 315M³
40ft Jumbo cylinder: 2.45M³* 315 = 771M³ CNG

For H₂

Standard cubic H₂ required to compress into 1M³ water at 20MPa: 176.2M³
40ft Jumbo cylinder: 2.23M³* 176.2 = 393M³ H₂

AMMONIA CYLINDER

filling coefficient: 0.53KG/L

21kg ≈ 40L*0.53

53kg ≈ 100L*0.53

69kg ≈ 130L*0.53

210kg ≈ 400L*0.53

420kg ≈ 800L*0.53

CHLORINE CYLINDER

filling coefficient: 1.25KG/L

65kg ≈ 52L*1.25

160kg ≈ 128L*1.25

500kg ≈ 400L*1.25

1000kg ≈ 800L / 840L*1.25