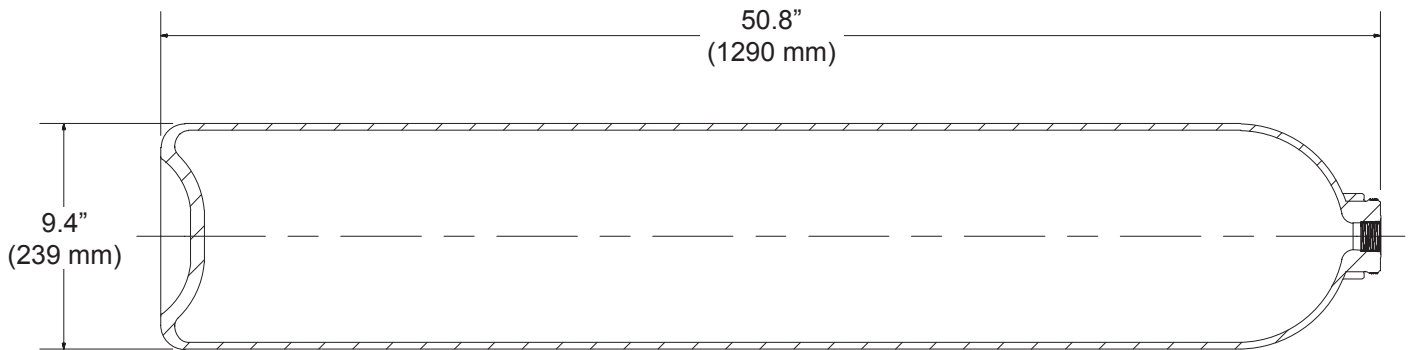


UN/ISO-DOT Approved 4500 PSI (310 BAR) Steel Cylinder (AC40040)

Refillable Seamless Steel Cylinder for Gases Except CNG, Hydrogen, and Methane



Specifications:	ISO 9809-2:2000 (DOT-UN)	
Neck Thread:	3.125"-11UN	
Inlet Thread:	25E EN 629-1 1996	
Cylinder Valve:	Brass CGA 347 Valve	
Cylinder Valve Pressure Relief (PRD):	6,750 PSI (465 BAR)	
Working Pressure:	4,500 PSI (310 BAR)	
Test Pressure:	6,744 PSI (465 BAR)	
Hydraulic Burst Pressure:	10,790 PSI (744 BAR)	
Approximate Water Capacity:	Min	2,746 in ³ (45 lt)
	Max	2,831 in ³ (46.4 lt)
Approximate Air Volume:	437 ft ³ (12.38 m ³)	
Approximate Nitrogen Volume	424 ft ³ (12.01 m ³)	
Approximate Weight: (Includes Cap and Valve)	153 lbs (69 kg)	
Allowable Temperature:	Min	-58°F (-50°C)
	Max	149°F (65°C)
Cylindrical Shell Thickness:	Min	0.28 in (7.3 mm)
Base Thickness:	Min	0.57 in (14.6 mm)
Material:	Chromium Molybdenum Steel 34CRMO4	
Heat Treatment:	Liquid Quenched	1,652°F ±68°F (900°C ±20°C)
	Tempered	1,040°F ±86°F (560°C ±30°C)
Yield Strength:	Min	950 MPa
Tensile Strength:	Min	1,060 MPa
	Max	1,180 MPa
Elongation Percentage (%):	Min	12.0
Impact Test at -50°C	Direction	Transverse
	Mean (J/cm ²)	50
	Individual (J/cm ²)	35