

High-Pressure Medical Oxygen Quad-16Cylinders

Specifications

Equipment	: High-pressure Medical Oxygen Cylinder Quad
Construction	: Mild Steel
Painting	: Spray painted and colour coded for Medical Oxygen

Dimensions

Configuration for 12 Cylinders	: 4 x 4 (8/8 with isolation valve)
Length Overall	: 1045 mm (1.045 Meter)
Width Over all	: 1045 mm (1.045 Meter)
Height Over all	: 2100 mm (2.100 Meter)
Tare Weight	: 200 Kgs (197.8 Lbs)
Pay Load	: 1200 Kgs (2640.0 Lbs)
Max. Gross Weight	: 1400 Kgs (3080 Lbs)



Lifting Provisions

Pad Eye Thickness	: 23 mm Dia Meter (0.905 In.)
Pad Eye Height	: 100 mm Dia Meter (3.937 In.)
Pad Eye Width	: 100 mm Dia Meter (3.937 In.)
Pad Eye Hole	: 25 mm (1.0 In.)
Ground Transport	: Forklift slots provided beneath the quads
Damage Protection	: Mesh steel frame welded to top of the frame
Name Plate information	: Company name, manufacturing date, rack number, serial no. of cylinder, hydrotest date
Certifications	: Provided with quad
International	: IMCA D 023
Manufacturer	: Hydrostatic test certificates
Class	: Bureau Veritas Lifting test certificates



Cylinder Specification

Cylinder	: IL 1.50.229.200
Manufacturing Standard	: ISO 9809-1
Dimensions	: Length 1480mm x OD 229mm x 50.0 Liters
Material	: 34CrMo4
Manufacturing Process	: Hot spinning of seamless steel tubes
Heat Treatment	: Hardened quenched and tempered
Working Pressure	: 200 bars (2900 psi)
Hydrostatic Test Pressure	: 300 bars (4350 psi)
Minimum Burst Pressure	: 480 bars (6960 psi)
Volumetric Capacity	: 50 Liters
Nominal Gas Capacity	: 10 cu.m (Approx)
Cylinder Outside Diameter	: ± 229 mm (9.015 in.)
Cylinder Length	: ± 1480 mm (1.480 Mtr)
Cylinder Tare Weight	: ± 54 Kgs (118.8 Lbs)
Gas Application	: Oxygen
Neck Thread Specification	: 25E as per EN-629
Valve	: Hand wheel operated valve with bs3 outlet
External Finish	: Powder coated as per gas colour code for Oxygen Black (Ral 9005) with white neck