

Luxfer Cylinders - Luxfer: Setting The Standard Worldwide

Product: L6X® aluminum cylinder specifications

Available In: North America, Central and South America

L6X® cylinders—Luxfer all-aluminum cylinders are manufactured from our exclusive L6X® aluminum alloy, our proprietary formula of 6061 alloy. Luxfer metallurgists have optimized this exclusive alloy to improve its durability, fracture toughness and resistance to tearing and cracking. Because of unique performance characteristics of L6X alloy, Luxfer has consistently passed all extensive, rigorous testing performed by major global gas companies and met or exceeded requirements set by every major cylinder regulatory authority in the world. Over 40 million L6X® cylinders in service in more than 50 countries have an exemplary record for safety and dependability.

Luxfer aluminum cylinders are cycle-tested in excess of 100,000 cycles at service pressure to ensure dependable performance. Up to 40% lighter in weight than comparable steel cylinders, Luxfer aluminum cylinders are also highly corrosion-resistant and well suited to low-temperature applications. These non-magnetic cylinders may be safely used near magnetic-sensitive equipment, including high-technology scanning devices.



Units: Imperial

| Part number | Service pressure | Capacity N ₂ | Capacity O ₂ | Diameter | Length | Weight | Internal volume | Water weight | Specification | Thread size |
|-------------|------------------|-------------------------|-------------------------|----------|--------|--------|-----------------|--------------|--------------------|---|
| | psi | ft ³ | ft ³ | in | in | lb | in ³ | lb | | |
| N004 | 2216 | 3.7 | 4.0 | 3.2 | 9.0 | 1.8 | 43 | 1.5 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B |
| N006 | 2216 | 5.3 | 5.8 | 3.2 | 11.8 | 2.2 | 62 | 2.2 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B |
| N007 | 2015 | 6.8 | 7.4 | 4.4 | 9.2 | 3.2 | 87 | 3.1 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B |
| N009 | 2015 | 8.1 | 8.8 | 4.4 | 10.6 | 3.8 | 103 | 3.7 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B |
| N011 | 2015 | 10.9 | 11.7 | 4.4 | 13.8 | 4.6 | 138 | 5.0 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B |
| N022 | 2216 | 20.9 | 22.9 | 5.3 | 17.1 | 8.6 | 244 | 8.8 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B, 0.750-14 NGT, 1.125-12 |

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| N033 | 2216 | 30.9 | 33.7 | 6.9 | 15.6 | 14.4 | 360 | 13.0 | DOT-3AL / TC-3AL M | UNF-2B 0.750-16 UNF-2B, 0.750-14 NGT, 1.125-12 UNF-2B |
| N042 | 2216 | 44.2 | 48.2 | 5.3 | 33.1 | 15.9 | 515 | 18.6 | DOT-3AL / TC-3AL M | 0.750-16 UNF-2B, 0.750-14 NGT, 1.125-12 UNF-2B |
| N047 | 2132 | 47.4 | 51.6 | 6.9 | 23.0 | 20.0 | 574 | 20.7 | DOT-3AL / TC-3AL M | 1.125-12 UNF-2B |
| N060 | 2216 | 55.8 | 60.9 | 7.3 | 23.5 | 22.6 | 650 | 23.4 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B, M25 x 2 |
| N088 | 2216 | 82.4 | 89.9 | 7.3 | 32.9 | 30.3 | 960 | 34.6 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B |
| N122 | 2216 | 111.8 | 121.9 | 8.0 | 36.3 | 39.5 | 1302 | 46.9 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B |
| N150 | 2015 | 141.5 | 153.2 | 8.0 | 47.9 | 48.5 | 1800 | 64.9 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B |
| N155 | 1800 | 144.3 | 154.8 | 8.6 | 46.5 | 50.6 | 2040 | 73.6 | DOT-3AL / TC-3AL M | 1.125-12 UNF-2B |
| N200 | 3000 | 178.3 | 200.3 | 8.6 | 41.2 | 64.6 | 1590 | 57.3 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B, 25E |
| N265 | 2216 | 243.0 | 265.1 | 9.8 | 51.4 | 85.3 | 2831 | 102.1 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B, 25E |
| N269 | 2216 | 248.9 | 271.5 | 9.8 | 52.8 | 92.6 | 2900 | 104.6 | DOT-3AL / TC-3AL M | 0.750-14 NGT, 1.125-12 UNF-2B, 25E |

Specifications subject to change.

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