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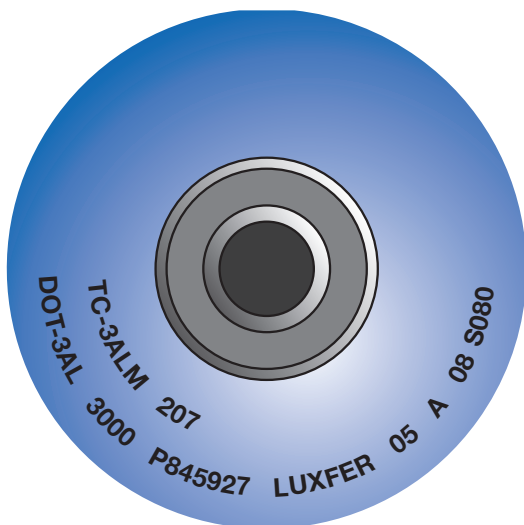
LUXFER ALUMINUM CYLINDER SPECIFICATIONS

IMPERIAL

| <i>*In Sea Water with Valve</i> | LAL06 | LAL13 | LAL19 | LAL30 | LAL40 | LAL50 | LAL63 | LAL80 | LALN80 <i>Neutral 80</i> | LAL100 | LALW106 <i>Hoop Wrapped</i> |
|---------------------------------|-----------|------------|------------|------------|------------|------------|------------|------------|-----------------------------|------------|--------------------------------|
| Service Pressure | 3000 psi | 3000 psi | 3000 psi | 3000 psi | 3000 psi | 3000 psi | 3000 psi | 3000 psi | 3300 psi | 3300 psi | 4350 psi |
| True Capacity | 6.1 cu ft | 13.2 cu ft | 19.9 cu ft | 30.0 cu ft | 40.0 cu ft | 48.4 cu ft | 63.0 cu ft | 77.4 cu ft | 77.4 cu ft | 98.8 cu ft | 105.2 cu ft |
| *Buoyancy FULL | - 1.4 lbs | - 1.8 lbs | - 1.3 lbs | - 1.5 lbs | - 0.7 lbs | - 2.5 lbs | - 2.4 lbs | - 1.7 lbs | - 5.86 lbs | - 4.6 lbs | - 4.8 lbs |
| *Buoyancy @ 500 psi | - 1.0 lbs | - 0.9 lbs | - 0.1 lbs | 0 lbs | + 2.5 lbs | + 0.8 lbs | + 1.7 lbs | + 3.4 lbs | - 0.9 lbs | + 1.9 lbs | + 2.1 lbs |
| Weight Empty (No Valve) | 2.5 lbs | 6.0 lbs | 8.0 lbs | 12.3 lbs | 15.3 lbs | 21.3 lbs | 26.9 lbs | 31.5 lbs | 35.4 lbs | 41.1 lbs | 33.8 lbs |
| Outside Diameter | 3.2 in | 4.4 in | 4.4 in | 5.25 in | 5.25 in | 6.9 in | 7.25 in | 7.25 in | 7.25 in | 8.0 in | 7.39 in |
| Cylinder Length (No Valve) | 11.1 in | 13.1 in | 18.6 in | 19.3 in | 24.6 in | 19.0 in | 21.9 in | 26.1 in | 25.8 in | 26.2 in | 26.1 in |

METRIC

| <i>*In Sea Water with Valve</i> | LAL06 | LAL13 | LAL19 | LAL30 | LAL40 | LAL50 | LAL63 | LAL80 | LALN80 <i>Neutral 80</i> | LAL100 | LALW106 <i>Hoop Wrapped</i> |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|-------------|-----------------------------|-------------|--------------------------------|
| Service Pressure | 207 bar | 207 bar | 207 bar | 207 bar | 207 bar | 207 bar | 207 bar | 207 bar | 228 bar | 228 bar | 300 bar |
| Water Volume | 0.9 liters | 1.9 liters | 2.9 liters | 4.3 liters | 5.7 liters | 6.9 liters | 9.0 liters | 11.1 liters | 10.3 liters | 13.2 liters | 11.1 liters |
| *Buoyancy FULL | - 0.63 kg | - 0.80 kg | - 0.60 kg | - 0.68 kg | - 0.32 kg | - 1.13 kg | - 1.1 kg | - 0.80 kg | - 2.59 kg | - 2.10 kg | - 2.18 kg |
| *Buoyancy @ 35 bar | - 0.45 kg | - 0.40 kg | - 0.05 kg | 0 kg | + 1.13 kg | + 0.36 kg | + 0.77 kg | + 1.54 kg | + 0.40 kg | + 0.86 kg | + 0.95 kg |
| Weight Empty (No Valve) | 1.2 kg | 2.7 kg | 3.6 kg | 5.6 kg | 6.9 kg | 9.7 kg | 12.2 kg | 14.3 kg | 16.0 kg | 18.6 kg | 15.3 kg |
| Outside Diameter | 81 mm | 111 mm | 112 mm | 133 mm | 133 mm | 175 mm | 184 mm | 184 mm | 184 mm | 203 mm | 188 mm |
| Cylinder Length (No Valve) | 283 mm | 333 mm | 472 mm | 490 mm | 625 mm | 483 mm | 555 mm | 662 mm | 655 mm | 665 mm | 663 mm |



1ST ROW MARK

TC
3ALM
207

EXPLANATION

Transport Canada
Aluminum Specification (Canada)
Service pressure (bar)



2ND ROW MARK

DOT
3AL
3000
P845927
LUXFER
05
A
08
S080

EXPLANATION

US Department of Transportation
Aluminum Specification (USA)
Service pressure (psi)
Serial number
Manufacturer
Month of manufacture
Mark of independent inspector
Year of manufacture
Manufacturer part number (cylinder size)