

Gas Cylinder Transport Containers (Quads)

Dominion Technology Gases Ltd (DTGL) supplies gases in 300 bar (4350 psi) rated 16 cylinder quads, 48 cylinder quads and 64 cylinder quads, which contain typically 40% more gas than 200 bar equivalents. Hence the following potential savings are realised:

- ❑ Reduced rental
- ❑ Reduced shipping and transport costs
- ❑ Reduced downtime, handling and labour
- ❑ Reduced storage requirement



Specification

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|---|
| ❑ Quads sizes: 16, 48 & 64 cylinder |
| ❑ Working pressure: 300 bar (4350 psi) |
| ❑ Working temperature: -40°C to +50°C |
| ❑ Two king valves fitted per quad: BS No. 3 connection (5/8 BSP RH INT.) ❑ Helium quads have BS No. 8 connection (0.860 BSW RH EXT.) |
| ❑ Each cylinder individually valved |
| ❑ Quad rating: >500 16 cylinder quads, >100 48 cylinder quads and all 64 cylinder quads DNV 2.7-1 approved. |

| Quad Size | Approximate Dimensions (m) L x W x H | Weight (kg) Based on Nitrogen fill at 300 bar pressure | Volume (m ³) Based on Nitrogen fill at 300 bar pressure |
|-------------|---|---|--|
| 16 cylinder | 1.1 x 1.0 x 1.9 | 1650 | 201 |
| 48 cylinder | 1.8 x 2.1 x 1.6 | 4725 | 602 |
| 64 cylinder | 1.8 x 2.1 x 2.1 | 6225 | 803 |

These are standard design specifications. We operate a policy of continuous development and the information on this sheet may be updated without notice.

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