The Dura-Cyl® Liquid Cylinder series is a premium transportable liquid cylinder for cryogenic service. The patented internal support system design and quality construction makes the Dura-Cyl series the most efficient yet rugged cylinder on the market today. Along with our premium Liquid Cylinder Control Manifold (LCCM) regulator and our wide choice of caster base options, the Dura-Cyl series is also the most user-friendly cylinder available. Adding our industry-leading seven-year vacuum warranty and you get the lowest cost of ownership — making the Dura-Cyl cylinder the preferred choice in transportable liquid cylinders. See Footring specification sheet (PN 14338395).

*Chart liquid cylinders are designed to be used in a full for empty exchange program. They are not designed to be permanently installed in mobile applications.

**PRODUCT HIGHLIGHTS**

- Ideal for liquid nitrogen, oxygen, argon, CO₂ or nitrous oxide
- Different sizes, pressures, and features to meet your needs
- Stainless steel construction
- Thick, dent-resistant outer shell
- Patented durable, inner-vessel support system
- Large diameter handling ring with four supports
- Liquid Cylinder Control Manifold (LCCM), standard for MP, HP & VHP models
- Roto-Tel™ Liquid Level Gauge System
- Seven-year vacuum warranty
- PB Regulator Kit now standard on LP Models

The Roto-Tel™ Liquid Level Gauge offers improved accuracy and expanded gauge ranges for better resolution.

LCCM Models have an integral mounted combination pressure control regulator with an isolation valve. (MP & HP models only)

The Dura-Cyl LP models are now equipped with the Roto-Tel liquid level system. The liquid globe valve with an extended stem allows less ice build-up on the handle for easier operation.

LP Models are offered with the LP PB Regulator Kit as standard equipment when ordered. Chart Parts will continue to stock the Kit for Retrofit options.

Some models available with either round or square caster bases for safe and easy mobility.
# Caster Base Specifications

<table>
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<tr>
<th>MODEL</th>
<th>120 L SB</th>
<th>230 L RB</th>
<th>230 L RB</th>
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## CAPACITY

- Liquid (Gross) (liters): 120, 240, 240, 240, 240, 240, 276, 276

## PERFORMANCE

- NER (N₂) % per day: 2.0, 1.5, 1.8, 1.8, 1.8, 1.8, 2, 2
- NER (O₂ - Ar) % per day: 1.4, 1.0, 1.2, 1.2, 1.0, 1.2, 1.4, 1.4
- NER (CO₂ - N₂O) % per day: —, —, —, —, 0.5, —, —, 0.5

## DYNAMICS & PRESSURE RATINGS

- Gas Flow (CO₂, N₂O) SCFH/Nm³/hr: —
- NER = Nominal Evaporation Rate

## Nomenclature

1. Fill / Liquid Valve
2. Pressure Building Valve
3. Vent Valve
4. Pressure Building Regulator
5. Pressure Gauge
6. Pressure Relief Valve
7. Rupture Disk
8. Liquid Level Gauge

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**Chart Inc.**  
U.S.: 1-800-400-4683  
Worldwide: 1-952-243-8800  
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P/N: 14336761  
www.chartindustries.com