

**Bellco Glass, Inc.**  
**Specification Sheet**  
**For Product #: 1965-06000**

**Description: Micro Carrier Spinner Flask Complete**

Micro Carrier Spinner Flask is designed for the efficient growth of suspension cultures and growth of cells on microcarrier beads. The flasks incorporate a fluid-dynamic impeller assembly to assure optimal lift of suspension cells or microcarrier beads at very low mixing speeds without damage to cells or beads. Micro Carrier Spinner Flask Complete consists of: Flask, Impeller Assembly, Glass Shaft, & Cap Assembly.

**Flask Specifications [1965-16000]: Blueprint revision 5 (9/3/14)**

Material: Type 1 Class A Borosilicate Glass  
Dimensions: 204mm OD x 410mm Overall Height  
Two 45mm Sidearms angled 30° offset center  
One 100mm Screw Thread Center Neck  
Graduations: 1000mL to 6000mL, every 1000mL – White Ink (Approx Volumes)  
Supply with: Two 45mm PP Blue Screw Caps & PP Blue Pouring Rings

**Impeller Assembly Specifications [1965-38000]: Blueprint revision 1 (9/10/1992)**

Impeller Assembly consists of Magnet Holder Extension, Magnet Holder Plug, Magnet Holder, Plug, Paddle, Ring, and Magnet.  
Magnet Holder Extension: PTFE 25.4mm OD x 19.1mm ID x 225.4mm Long  
Magnet Holder Plug: PTFE 25.4mm OD x 9.9mm ID x 15.9mm Long  
Magnet Holder: PTFE 25.4mm OD x 13.5mm ID x 108.0mm Long  
Plug: Silicone: 14.3mm OD x 7.9mm Long  
Paddle (2): PTFE 98.4mm x 76.2mm  
Ring: PTFE 34.9mm OD x 25.8mm ID x 6.35mm Long  
Magnet: PTFE coated magnet 19.0mm OD x 82.6mm Long

**Glass Shaft Specifications [1969-78000]: Blueprint revision 1 (6/16/1998)**

Material: Type 1 Class A Borosilicate Glass  
Dimensions: 9mm OD x 400mm long

**Cap Assembly Specifications:**

Cap Assembly consists of screw cap, liner & compression fitting.  
100mm PP Screw Blue Cap: 107.9mm OD x 22.2mm tall with 19.6mm hole for Compression Fitting \*Revision 0 (5/15/1992)  
100mm White Silicone Liner: 96.8mm OD x 3.2mm thick with 19.1mm hole for Compression Fitting \*Revision 2 (1/7/2010)  
Compression Fitting: Black PP Compression fitting to accept 9mm OD Glass Shaft \*Revision 1 (10/9/1995)

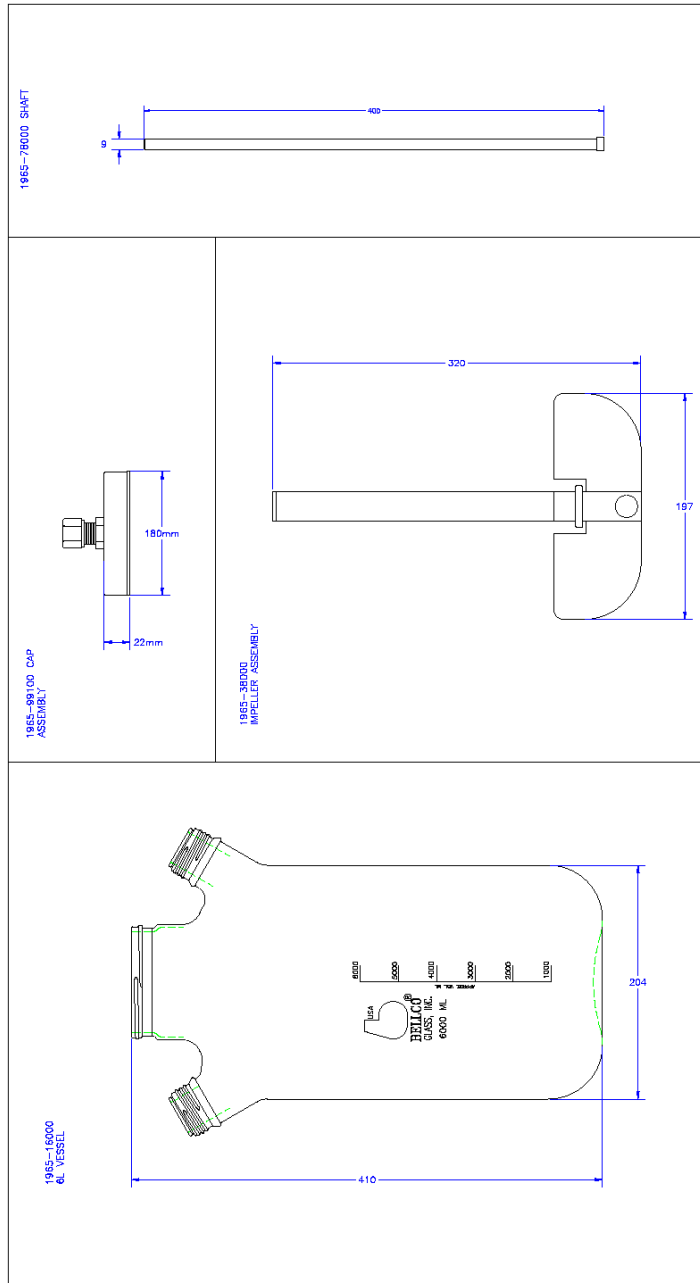


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The information contained in this specification sheet we believe is correct to the best of our knowledge. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all of your requirements.



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