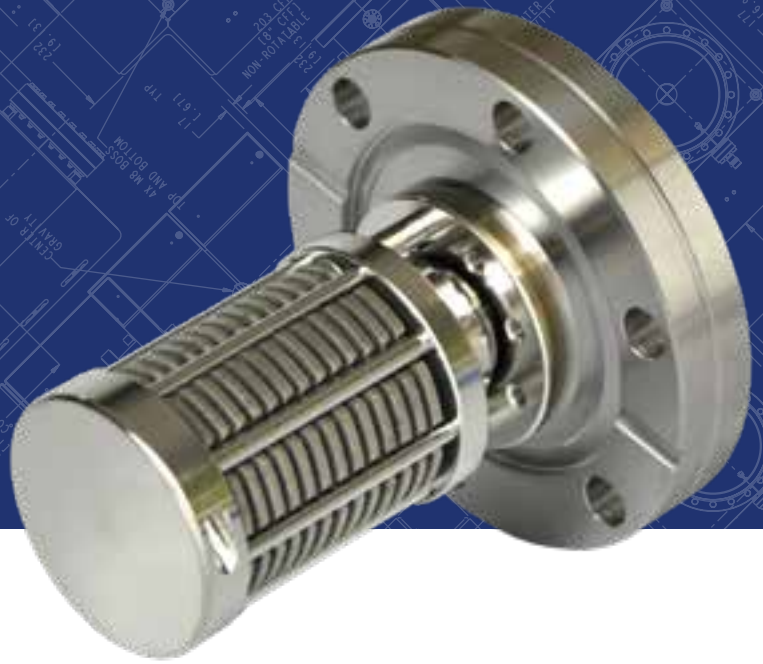




70 CFF  
[2.75\"CFF]

Technical drawing of the front view of a 1000mm x 1000mm panel. The drawing shows a rectangular panel with a central horizontal section containing a grid of 10x10 elements. Dimensions are given in mm and inches. The total width is 1000 mm (39.37 inches). The total height is 1000 mm (39.37 inches). The central grid section is 610 mm (24.01 inches) wide and 200 mm (7.87 inches) high. The distance from the left edge to the start of the grid is 140 mm (5.51 inches). The distance from the right edge to the end of the grid is 140 mm (5.51 inches). The distance from the top edge to the start of the grid is 20 mm (0.79 inches). The distance from the bottom edge to the end of the grid is 20 mm (0.79 inches). The central grid section is labeled "ACTIVE ELEMENT AREA".

## Technical specifications

|                                      | H <sub>2</sub>                 | CO (25°C) | CO (total) |
|--------------------------------------|--------------------------------|-----------|------------|
| Pumping speed, l/s*                  | 106                            | 51        |            |
| Sorption capacity, Torr • l          | 1170                           | 0.2       | 526        |
| Alloy composition                    | Zr (70%), V (24.6%), Fe (5.4%) |           |            |
| Getter mass, g                       | 58                             |           |            |
| Getter surface area, cm <sup>2</sup> | 348                            |           |            |
| Total mass, kg (lbs)                 | 0.54 (1.19)                    |           |            |
| Flange                               | DN 35 (2.75 in.) CFF           |           |            |

\*Pumping speeds reference initial speed values at 25° C in exposed configuration

## ORDERING INFORMATION

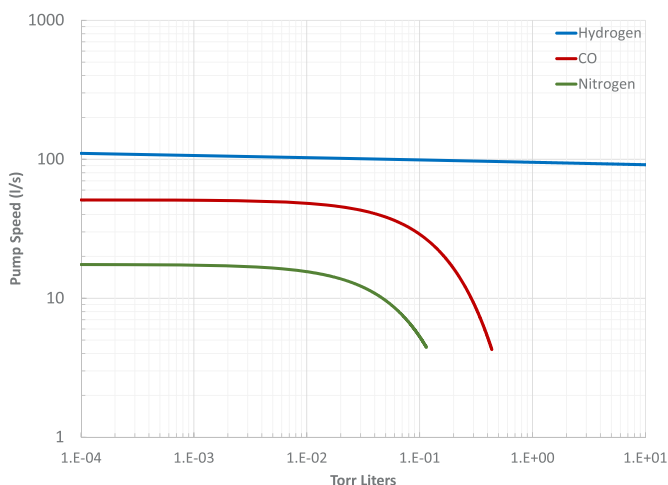
| Part number  | Description                                                     | Compatible products            |
|--------------|-----------------------------------------------------------------|--------------------------------|
| 100NP        | NEG 100, 2.75 CF (Pressed neg discs)<br>MS3476A8-33P Compatible | 25S, 45S, 75S with side flange |
| XLR-S3*-N100 | XLR to 100NP, Silicone                                          | 100NP                          |

\*Also available in 1 or 6 meter cables

## PERFORMANCE CHARACTERISTICS

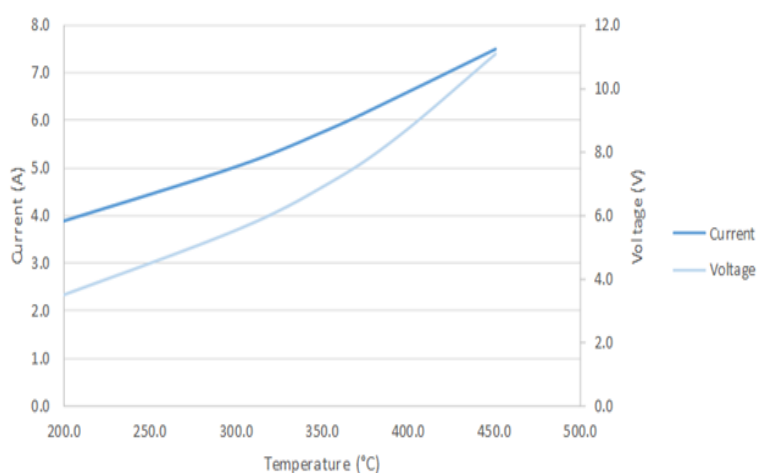
### Pumping Speed vs. Sorbed Quantity

Measured in accordance with ASTM F798-97



### Temperature vs. Current/Volts

Applies to 100NP



2915 133rd Street West, Shakopee, MN 55379, USA. ☎ 1 800 237 3603, 952 445 4841  
 ☎ 1 952 445 7615 ✉ info@gammavacuum.com 🌐 www.gammavacuum.com  
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