



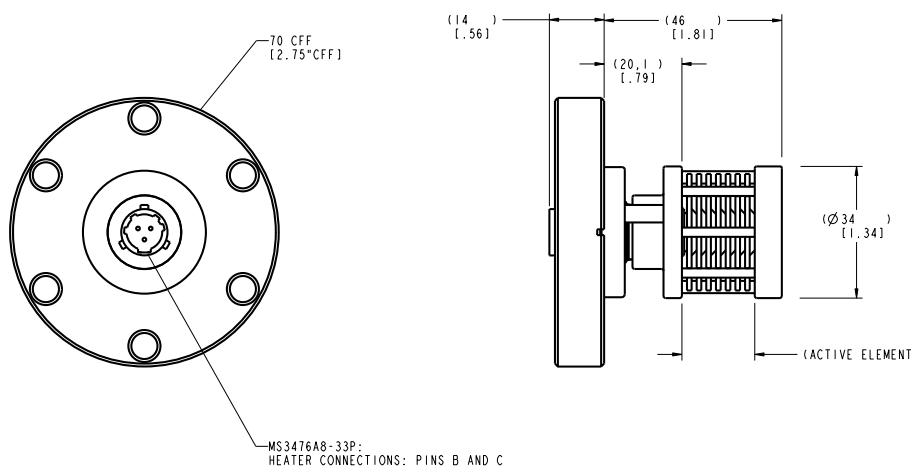
# N50 Non-Evaporable Getter



## TECHNICAL SPECIFICATIONS

	H2	CO (25° C)	CO (total)
Pumping Speed, l/s*	55	27	
Sorption Capacity, Torr · l	630	0.1	284
Alloy Composition	Zr (70%), V (24.6%), Fe (5.4%)		
Getter Mass, g	31.5		
Getter Surface Area, cm <sup>2</sup>	187		
Total Mass, kg (lbs)	0.48 (1.05)		
Flange	DN 35 (2.75 in.) CFF		

## DIMENSIONAL DETAILS



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

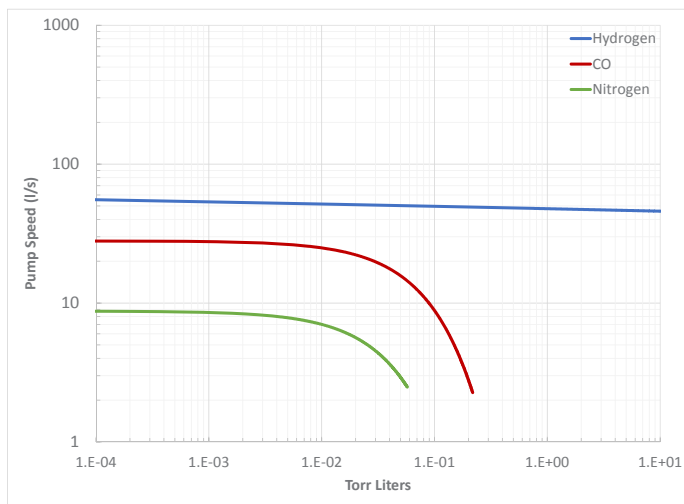
## ORDERING INFORMATION

Part Number	Description	Compatible Products
N50	NEG 50, 2.75 CF MS3476A8-33P Compatible	25S, 45S, 75S
N51	NEG 50, Double 2.75 CF Through Hole, MS3476A8-33P Compatible	Top mountable on 5S, 10S, 25S, 45S, 75S
N52	NEG 50, Double 2.75 CF M6 Tapped Flange, MS3476A8-33P Compatible	Top mountable on 5S, 10S, 25S, 45S, 75S
TSP-1-US110-232-N-N*	TSP/NEG Pump Controller	N50, N100, N200, N300, N400
MS-RS3-N50*	Military to N50, Silicone	N50

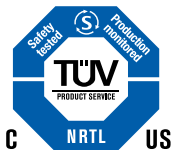
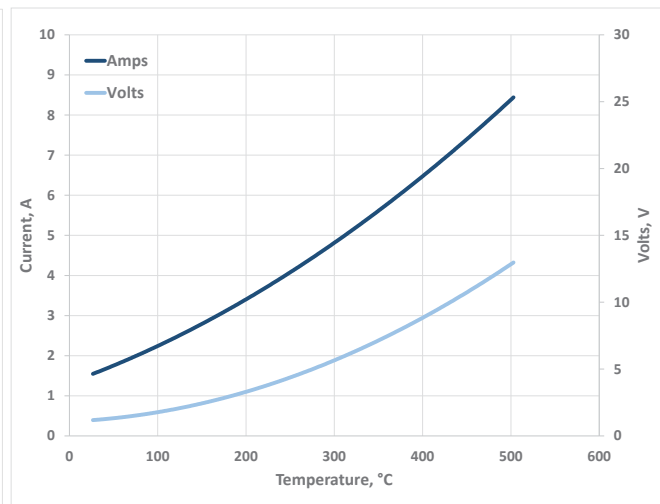
\*Configured part numbers and pricing are available at [www.gammavacuum.com](http://www.gammavacuum.com). Contact us directly for custom engineered options.

## PERFORMANCE CHARACTERISTICS

**Pumping Speed vs. Sorbed Quantity**  
measured in accordance with ASTM F798-97



**Temperature vs. Current/Volts**  
applies to N50, N51, N52



### GAMMA VACUUM

Part of the Atlas Copco Group  
2915 133rd Street West  
Shakopee, MN 55379 | USA  
800.237.3603 T | 952.445.4841 P  
952.445.7615 F

[gammavacuum.com](http://gammavacuum.com) | [info@gammavacuum.com](mailto:info@gammavacuum.com)