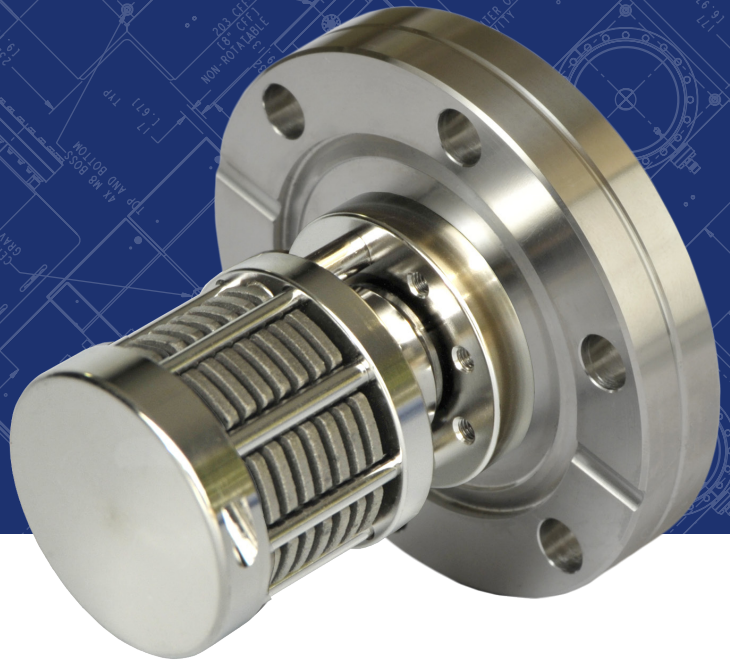
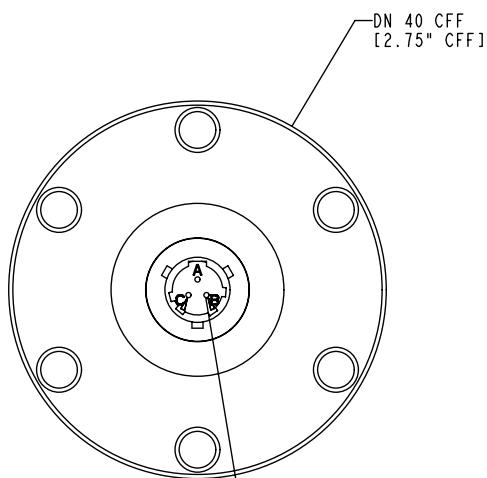


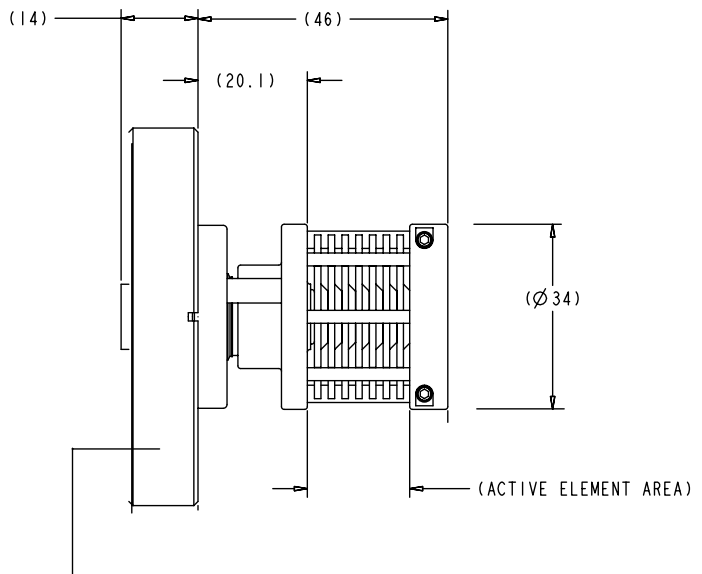
# 50NP / 50NS Non-Evaporable Getter Pump



## DIMENSIONAL DETAILS



MS3476A8-33P:  
HEATER CONNECTIONS: PINS B AND C



Depending on the NEG type either 50NP (pressed) or 50NS (sintered) is engraved

# Technical specifications

	50NP			50NS		
	H2	CO	N2	H2	CO	N2
Pumping speed, l/s*	55	27	9	60	20	16
Sorption capacity, torr · l	630	0.1	0.03	390	0.05	0.02
Getter mass, g	31.5			20		
Total mass, kg (lbs)	0.48 (1.06)			0.47 (1.03)		
Flange	DN 40 (2.75 in.) CFF					

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

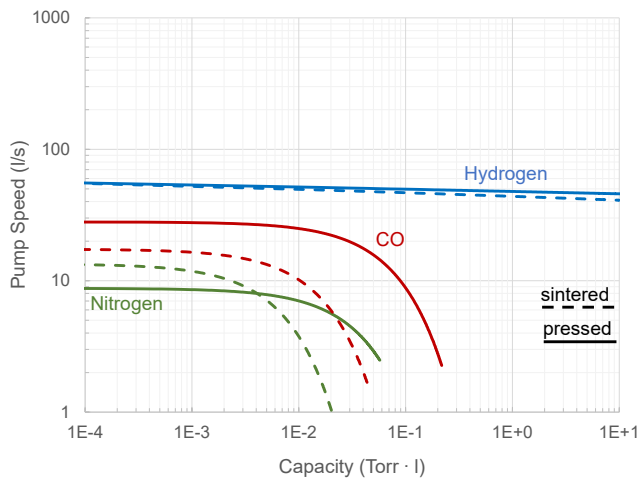
## ORDERING INFORMATION

Part number	Description	Compatible products
50NP	NEG Pump, 50 l/s, Pressed Discs	25S, 45S, 75S with side flange, DIGITEL SPC-NEG
50NS	NEG Pump, 50 l/s, Sintered Discs	
FI4S1MSS	Cable SPC-NEG, 1m, Small Connector, Silicone	50NP - 400NP, DIGITEL SPC-NEG
FI4S3MSS	Cable SPC-NEG, 3m, Small Connector, Silicone	
FI4S6MSS	Cable SPC-NEG, 6m, Small Connector, Silicone	

## PERFORMANCE CHARACTERISTICS

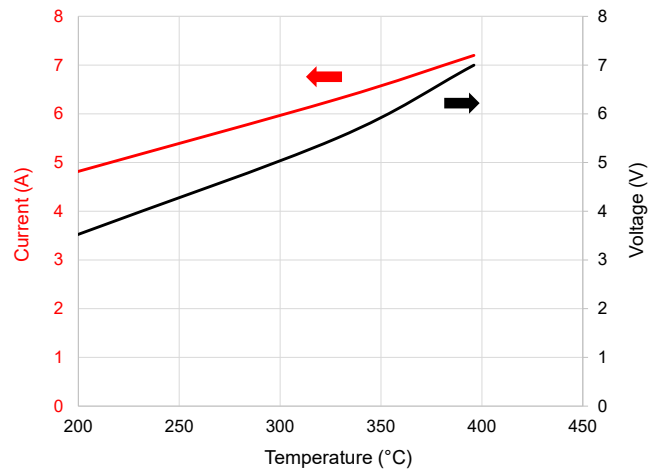
### Pumping Speed vs. Sorption Capacity

Measured in accordance with ASTM F798-97



### Temperature vs. Current and Voltage

Applies to 50NP / 50NS



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Read all safety instructions in the manual before usage.