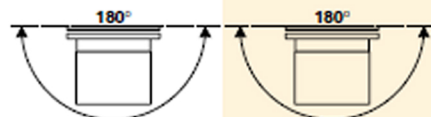




## Pfeiffer TMH-071P, TMU-071P

### Technical Specifications

	TMH 071 P	TMH/U 071 P
Connection nominal diameter		
Input	DN 40 ISO-K	DN 63 ISO-KF DN 63 CF-F
Output	DN 16 ISO-KF	DN 16 ISO-KF
Pumping speed for		
Nitrogen N <sub>2</sub> l/s	33	60
Helium He        l/s	38	55
Hydrogen H <sub>2</sub> l/s	39	45
Compression ratio for		
Nitrogen N <sub>2</sub>	> 10 <sup>11</sup>	> 10 <sup>11</sup>
Helium He	1 · 10 <sup>7</sup>	1 · 10 <sup>7</sup>
Hydrogen H <sub>2</sub>	1 · 10 <sup>5</sup>	1 · 10 <sup>5</sup>
Fore vacuum pressure max.		
Nitrogen N <sub>2</sub> mbar	18	18
Gas throughput		
Nitrogen N <sub>2</sub> mbar l/s	2.2	2.2
Helium He        mbar l/s	2.6	2.6
Hydrogen H <sub>2</sub> mbar l/s	2.5	2.5
Recommended backing pump		
Diaphragm pump	MVP 015-2	MVP 015-2
Rotary vane pump	DUO 2.5	DUO 2.5
Dry three-stage backing pump	-	-
Ultimate pressure TMH    mbar	< 1 · 10 <sup>-7</sup>	< 1 · 10 <sup>-7</sup>
Ultimate pressure TMU    mbar	-	< 5 · 10 <sup>-10</sup>
Run-up time              min	2.5	2.5
Cooling		
Cooling standard	Air cooling	Air cooling
Weight                    kg	2.8	3/4
Fitting position		





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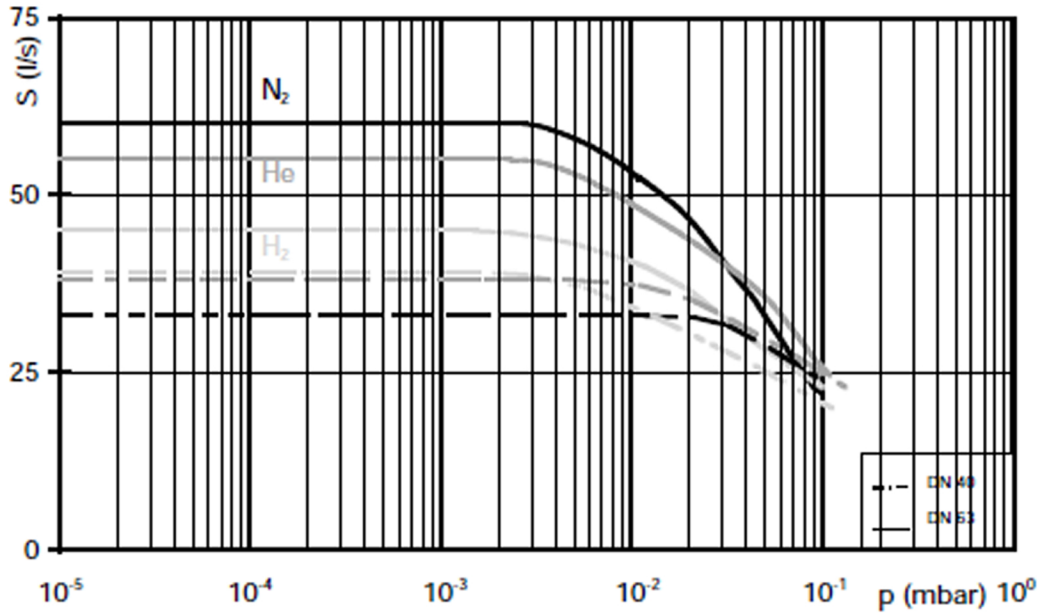
## SALES

PHONE: 831-462-8900

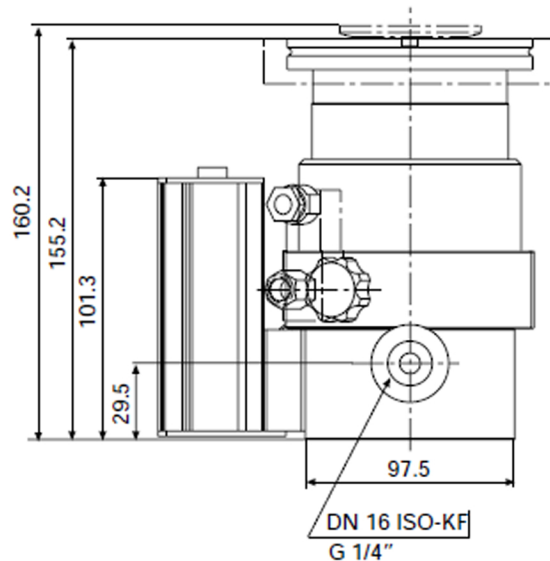
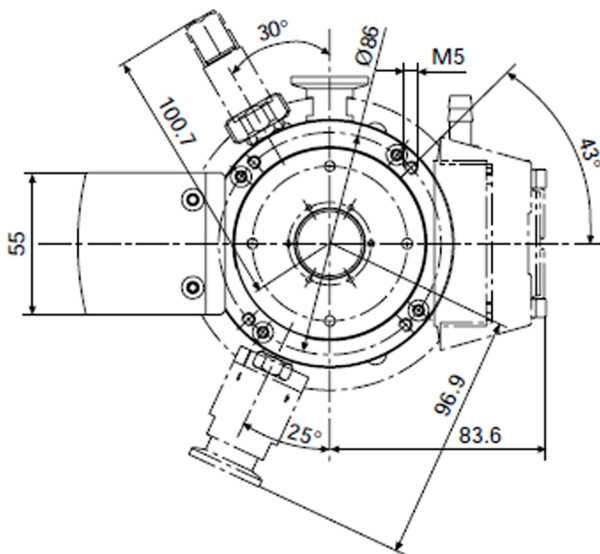
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# Pfeiffer TMH-071P, TMU-071P Pumping Curves



## Dimensions





# PROVAC

## S A L E S

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# Pfeiffer TMH-071P, TMU-071P

## Features & Benefits

- pump and drive form single unit
- simple and economical system solution
- modular design for maximum flexibility
- all components connects on the plug & play principle
- minimal space requirements for the entire system
- integrated serial interface provides additional versatility

## Applications

- semiconductor processes • thin film coatings • mass spectrometry
- process gas monitors • research and development • UHV technology
- HV technology • vacuum processing • accelerators • fusion

## Recommended backing pumps

- Diaphragm pumps: MVP 015-2 • MVP 035-2
- Vane pumps; DUO 5