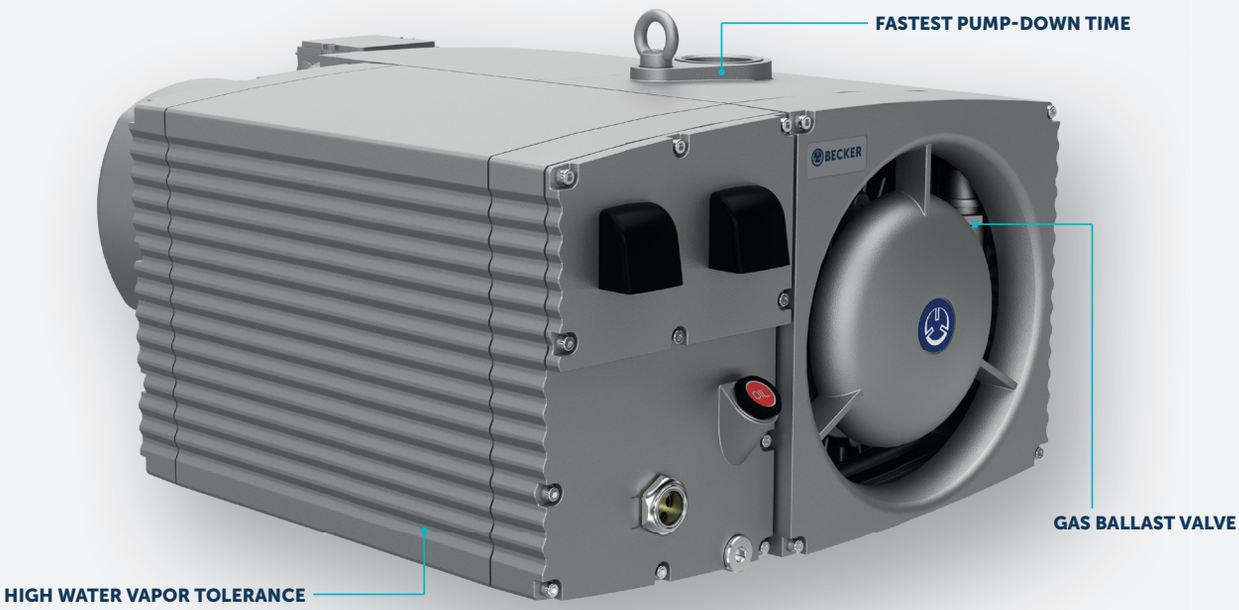
U 5.71 – U 5.301

ROTARY VANE VACUUM PUMPS

MAKE IT BECKER.



BECKER OIL-LUBRICATED ROTARY VANE VACUUM PUMPS

Ideally suited for the vacuum packaging of food, the new U 5. series can be used across a wide range of applications from vacuum chamber machines, form-fill-seal machines and tray sealer. The new line of Becker oil lubricated rotary vane vacuum pumps, designed and manufactured in Germany, offers Best in Class performance to the demanding needs of the food industry.

EFFICIENCY

- Lowest installed motor powers in the industry
- Most efficient IE3 motors
- Optional extended operating range and functionality through VARIAIR technology available

CUSTOMIZATION

- Variety of internal and external accessories
- Wide range of motors
- Water cooling
- O2-PACK versions (for MAP applications with O_2 > 20.9%)
- Customer specific and modified versions

ADVANTAGES

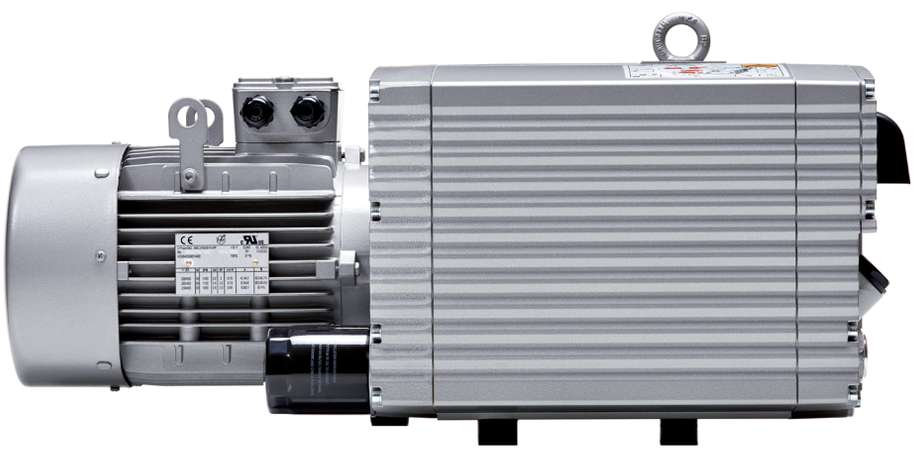
- Made in Germany
- Five sizes from 70 up to 360 m^3/h
- High ultimate vacuum of < 0.1 mbar absolute even after cold start
- High water vapor tolerance
- Two gas ballast valves:
  - Adjustable gas ballast as standard
  - Optional adjustable gas ballast for higher water vapor capacity
- Fastest pump-down time
- Best cold start performance
- Compact dimensions for easy integration
- Smooth surfaces for quick, easy and hygienic cleaning
- Oil tank with dual stage oil separation, optional three stage
- High efficiency oil separator element

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SPECIFICATIONS U 5.71 – U 5.301

	U 5.71		U 5.101		U 5.166		U 5.201		U 5.301	
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
m^3/h	70	84	100	120	165	198	200	240	300	360
mbar	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

1.0 mbar absolute with standard and opened gas ballast valve or
3.0 mbar absolute with optional and opened gas ballast valve for an increased water vapour tolerance



THE BECKER SOLUTIONS

As a leader in the field of suction and blast air we offer complete solutions driven by your individual needs.

The Becker oil-lubricated rotary vane vacuum pumps are the ideal solutions for

- Various packaging applications for the food industry e.g. vacuum skin packaging, tray sealer, form-fill-seal machines or modified atmosphere packaging (MAP)
- Processing applications for the food industry e.g. vacuum tumblers, vacuum fillers or freeze dryers
- Aspiration applications for the medical industry
- Vacuum supported hold-down CNC router tables for the wood-working industry
- Vacuum supported parts drying for the automotive industry
- Thermoforming of plastic parts for various industries
- and many more