

ROTARY VANE VACUUM PUMPS U 5.70 – U 5.300



BECKER OIL-LUBRICATED ROTARY VANE VACUUM PUMPS

Ideally suited for the vacuum packaging of food, the new U5. 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.

ADVANTAGES

- Made in Germany
- Five sizes from 70 up to 360 m³/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
- High efficiency cooling

CUSTOMIZATION

- Variety of internal and external accessories
- Wide range of motors
- Water cooling
- O₂PACK versions (for MAP applications with O₂ > 20.9%)
- Customer specific and modified versions

EFFICIENCY

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



BEST IN CLASS

Becker UK Ltd.
Link 63, Liverpool Street
Hull HU3 4XS
Great Britain

T +44 1482 835280
F +44 1482 831275
sales@becker.co.uk
www.becker.co.uk



SPECIFICATIONS U 5.70 – U 5.300

	U 5.70		U 5.100		U 5.165		U 5.200		U 5.300	
	50 Hz	60 Hz								
m³/h	70	84	100	120	165	198	200	240	300	360
mbar	< 0.1 ¹⁾									

¹⁾ 0.5 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



OUR SOLUTION COMPONENTS

▪ CUSTOMIZATION

We develop customized solutions for your individual requirements and applications.

▪ EFFICIENCY

We optimize your air supply to ensure a better efficiency for your complete system.

▪ SUPPORT

Our consulting and planning add value to your individual application for an optimal solution.

▪ COMPETENCE

With over 130 years of experience, we have the expertise to create innovative solutions for your current and future needs.

▪ SERVICE

Our worldwide subsidiaries and representatives are able to provide service solutions to meet your individual needs.

▪ PRODUCTS

We develop “Best in Class” solutions from individual units to entire systems according to your specific requirements.

BEST IN CLASS

Becker UK Ltd.
Link 63, Liverpool Street
Hull HU3 4XS
Great Britain

T +44 1482 835280
F +44 1482 831275
sales@becker.co.uk
www.becker.co.uk

