DATA SHEET

U 5.165

ROTARY VANE–VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.
According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB

Becker Lube: Synthetic Oil • Premium Synthetic Oil (PAO) • Food Grade Vacuum Pump Oil

Gas ballast valve: water vapour tolerance max. 5.25 Torr; water vapour capacity max. 0.079 U.S.gal./h (at 185°F operating temperature)

Current consumption and rotation speed may vary. Tolerance in each case ±1.5%/±2%
Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%

<table>
<thead>
<tr>
<th>#</th>
<th>hp</th>
<th>50 Hz</th>
<th>60 Hz</th>
<th>Version</th>
<th>Weight</th>
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<td></td>
<td>V</td>
<td>min⁻¹</td>
<td>A</td>
<td>V</td>
<td>min⁻¹</td>
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<td>Δ230/Y400</td>
<td>IE3</td>
<td>1458</td>
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<td>YY208</td>
<td>IE3</td>
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<td>UL (E365362), CSA IP 55, ISO F, bimetal</td>
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</table>
Suction air rate refers to the intake pressure
Reference data (atmosphere): 0 In. HgV / 760 Torr, 68°F; Tolerance: ±10%
**VARIANTS AND ACCESSORIES**

**U 5.165/0-62XL**
- Enlarged oil tank and high efficient triple stage oil separation
- Weight without motor: 176.4 lbs, oil quantity: 2.6 U.S. gal., further technical data, motors and characteristic curves like standard pump

**OTHER VARIANTS AND ACCESSORIES**
- **U 5.165 O2-PACK** for packaging with an overconcentration of oxygen
  1. Threaded connector for exhaust air (G 2)
  2. Oil level switch (G ½)
  3. Oil temperature monitor (G ½)
  4. Maintenance indicator (G ¾) for oil separating elements
  5. Ball valve (G ½), with locking and hose connector 0.75 inch
- Gas ballast valve for increased water vapour tolerance (2.25 Torr), water vapour tolerance: max. 37.5 Torr; water vapour capacity: max. 0.528 U.S. gal./h (at 185°F operating temperature)
- Temperature sensor PT100
- External suction filter
- Oil: Becker Lube M100 mineral, S100 synthetic and SL100 food
- Water cooler U5.200-0-114.2 with connectors for hoses with an external diameter of 0.32 inch

See separate data sheet
- Combination options on request
MAKE IT BECKER.