NEW!

Compact, low noise, user-friendly:

VACUUM ROTARY VANE PUMPS XS

Technology for Vacuum Systems
For about 100 years rotary vane pumps have remained a central part of vacuum technology. Nevertheless there is always something to improve. The new VACUUBRAND rotary vane pumps are:

- **Extra lightweight**
- **Extra low noise**
- **Extra energy-saving**
- **Extra user-friendly**
- **Extra sustainable**

**Spring-less oil pump** - **Less wear**
**New oil circuit** - **Less noise**
**New motor** - **Less energy consumption**

**Special Advantages**

- **High conductance inlet**
  - High pumping speed even at low vacuum
- **High vapour tolerance**
  - For water and solvents by gas ballast of about 10% of pumping capacity. Quieter operation and good ultimate vacuum also with gas ballast.
- **Anti-corrosion design**
  - Important inner surfaces mechanically ground and plasma treated. Oil shut-off device against corrosive gases entering the pump whilst switched off.
- **New lubrication circuit and large oil volume**
  - For quiet operation and longer service intervals
- **Compact design**
  - Smaller dimensions, low weight, ease of maintenance due to telescopic design
Inlet separator
AK RE 6 - RZ 6

Inlet cold trap
SKF H 25

Oil mist filter
FO RE 2.5 - RZ 6

VACUUBRAND rotary vane pumps are designed for an ultimate operating vacuum in the range of 1 mbar to $10^{-1}$ (single-stage) or $10^{-3}$ mbar (two-stage). The wide range of models available fulfils both technical and economic criteria for choosing the right vacuum pump. Selection of the appropriate pump depends upon the ultimate vacuum and pumping speed requirements of the respective application.

... extra light-weight
Unmatched compact design and low weight; genuinely “portable”.

... extra low noise
Low vibration and ultra quiet running.

... extra energy-saving
New motor layout with outstanding reduced current draw. Immediate re-start after shutdown (RE/RZ 2.5, 6 and 9). Electronic capacitor control (RE/RZ 9).

... extra user-friendly
Enhanced reliability of wear parts with new lubrication circuit. Long intervals between oil changes. Ease of maintenance and assembly through new pump module design.
**VACUUM ROTARY VANE PUMP XS**

### RE 2.5
- **Pumping speed 50/60 Hz** m³/h: 2.3 / 2.8
- **Ultimate vacuum without gas ballast mbar**: 3 x 10⁻¹
- **Ultimate vacuum with gas ballast mbar**: 8 x 10⁻¹
- **Inlet connection (small flange)** NW 16
- **Outlet connection (hose nozzle)** NW 10
- **Dimensions (L x W x H)** mm: 308 x 125 x 190
- **Mass kg**: 10.2

### RE 2.5
- **Pumping speed 50/60 Hz** m³/h: 2.3 / 2.8
- **Ultimate vacuum without gas ballast mbar**: 2 x 10⁻³
- **Ultimate vacuum with gas ballast mbar**: 1 x 10⁻²
- **Inlet connection (small flange)** NW 16
- **Outlet connection (hose nozzle)** NW 10
- **Dimensions (L x W x H)** mm: 308 x 125 x 190
- **Mass kg**: 11.4

### RE 6
- **Pumping speed 50/60 Hz** m³/h: 5.7 / 6.8
- **Ultimate vacuum without gas ballast mbar**: 1 x 10⁻¹
- **Ultimate vacuum with gas ballast mbar**: 6 x 10⁻¹
- **Inlet connection (small flange)** NW 16
- **Outlet connection (hose nozzle)** NW 10
- **Dimensions (L x W x H)** mm: 370 x 142 x 207
- **Mass kg**: 15.3

### RE 6
- **Pumping speed 50/60 Hz** m³/h: 5.7 / 6.8
- **Ultimate vacuum without gas ballast mbar**: 2 x 10⁻³
- **Ultimate vacuum with gas ballast mbar**: 1 x 10⁻²
- **Inlet connection (small flange)** NW 16
- **Outlet connection (hose nozzle)** NW 10
- **Dimensions (L x W x H)** mm: 370 x 142 x 207
- **Mass kg**: 16.4

### ORDERING INFORMATION

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<tr>
<th>RE 2.5</th>
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<tr>
<td>230 V – 50-60 Hz</td>
<td>plug CEE</td>
<td>69 71 50</td>
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<td>120 V – 60 Hz</td>
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<td>Hose nozzle, small flange NW 16/10 for inlet</td>
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<td>Maintenance kit</td>
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<td>64 89 74</td>
<td>64 89 77</td>
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<td>Cold trap inlet, stainless steel SKF H 25, NW 25</td>
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### VACUUM ROTARY VANE PUMP XS

### RE 9
- **Pumping speed 50/60 Hz** m³/h: 8.9 / 10.2
- **Ultimate vacuum without gas ballast mbar**: 1 x 10⁻¹
- **Ultimate vacuum with gas ballast mbar**: 6 x 10⁻¹
- **Inlet connection (small flange)** NW 25
- **Outlet connection (small flange)** NW 25
- **Dimensions (L x W x H)** mm: 460 x 152 x 232
- **Mass kg**: 21.4

### RE 9
- **Pumping speed 50/60 Hz** m³/h: 8.9 / 10.2
- **Ultimate vacuum without gas ballast mbar**: 2 x 10⁻³
- **Ultimate vacuum with gas ballast mbar**: 1 x 10⁻²
- **Inlet connection (small flange)** NW 25
- **Outlet connection (small flange)** NW 25
- **Dimensions (L x W x H)** mm: 460 x 152 x 232
- **Mass kg**: 24.2

### RE 16
- **Pumping speed 50/60 Hz** m³/h: 16.6 / 19.1
- **Ultimate vacuum without gas ballast mbar**: 1 x 10⁻¹
- **Ultimate vacuum with gas ballast mbar**: 6 x 10⁻¹
- **Inlet connection (small flange)** NW 25
- **Outlet connection (small flange)** NW 25
- **Dimensions (L x W x H)** mm: 505 x 152 x 232
- **Mass kg**: 25.2

### RE 16
- **Pumping speed 50/60 Hz** m³/h: 16.6 / 19.1
- **Ultimate vacuum without gas ballast mbar**: 2 x 10⁻³
- **Ultimate vacuum with gas ballast mbar**: 1 x 10⁻²
- **Inlet connection (small flange)** NW 25
- **Outlet connection (small flange)** NW 25
- **Dimensions (L x W x H)** mm: 545 x 152 x 232
- **Mass kg**: 29.2

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<td>Oil mist filter FO</td>
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<td>Full flow oil filter HF</td>
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<td>Cold trap inlet, stainless steel SKF H 40, NW 40</td>
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**Items supplied:** Oil filled pump, on/off switch, overload protection and 2 m cable with plug, small flange centring and clamping ring for inlet - for RE/RE 9/16 also for outlet, instructions for use.

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**Technology for Vacuum Systems**

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