Blower packages

KUBICEK is currently producing 21 sizes of rotary lobe positive displacement blowers.

SCOPE OF DELIVERY:
- PD blower
- Unit frame
- Flexible pads
- Inlet silencer with filter
- Discharge silencer
- Safety or integrated safety and start-up valve
- Backflow valve
- Flexible connection on outlet
- Motor
- V-belt drive with protective cover
- Oil filling
- Anchoring material

OPTIONAL EQUIPMENT:
- Acoustic cover for indoor and outdoor environment, including suction and discharge gauge
- Frame for vertical placing of two units (for size 3D19 – 3D38)
- Connection for external suction

PARAMETERS:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working pressure</td>
<td>ΔP = 0–100 kPa</td>
</tr>
<tr>
<td>Volumetric flow rate</td>
<td>Q = 20–20 000 m³/h</td>
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<tr>
<td>Motor power</td>
<td>P₁ = 0,25–500 kW</td>
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<tr>
<td>Discharge connection</td>
<td>DN = 50–500</td>
</tr>
</tbody>
</table>

APPLICATIONS:
- Aeration of WWTP tanks
- Washing of sand filters for drinking water treatment plants
- Pneumatic conveying
- Transport and compression of non-explosive and nonaggressive gases
- Aeration of fish breeding tanks and swimming pools
- Transport of combustion air into the blast furnaces
- Desulphurization
- Transport of drying and blowing air in technology

MAIN ADVANTAGES:
The blower aggregate system is designed with emphasis on maximum reliability and functionality, easy of access, maintenance and accessibility of individual components of the unit in the acoustic cover
- Low operating costs
- User friendly design
- Minimum built up area
- Low noise
- No need of using additional ventilator for cooling of acoustic cover
- Long service life
- Fast customer service