

# RVLB – Zellenradschleuse



geschweißt aus Stahlblech 3mm, Durchsatz 62 m<sup>3</sup>/h (50% Füllgrad)  
Farbe RAL 5010

Zellenradschleusen sind für eine drucklose Ausschleusung von feinkörnigen und staubförmigen Produkten oder Granulaten aus einem Trockenfilter / Zyklonabscheider konzipiert worden.

Ein gleichmäßig drehender Rotor mit 8 Stck. auswechselbaren Gummilippen sorgt für eine volumetrisch dosierte Austragung.

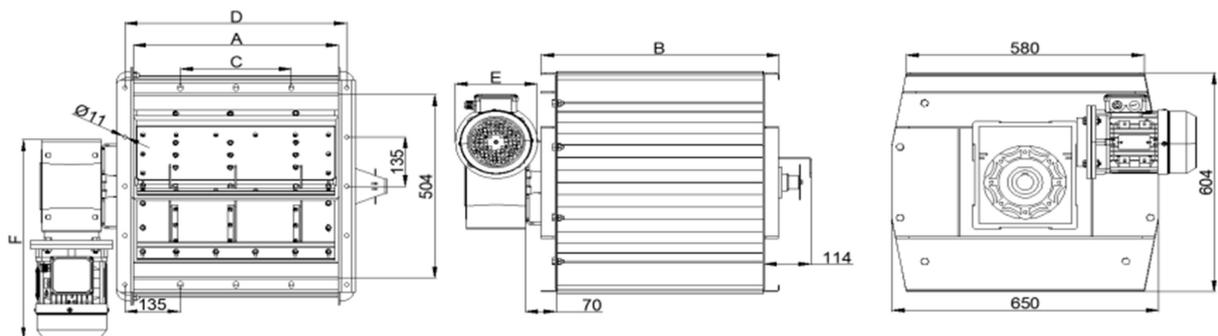


<p><b>Most common applications:</b></p> <ul style="list-style-type: none"> <li>- wood industry,</li> <li>- plastic industry,</li> <li>- dust extraction installation,</li> <li>- waste treatment industry.</li> </ul> <p><b>Temperature range:</b> -20°up to +80°C.</p>	<p><b>This product meets the following harmonized standards:</b></p> <p>2006/42/EC ; Machine directive; 2014/35/EC ; Low voltage; directive 2014/30/EC ; Electromagnetic compatibility directive.</p>	<p><b>Construction:</b></p> <ul style="list-style-type: none"> <li>- robust 3 mm steel sheet construction welded and bolted assembly;</li> <li>- powder coated RAL 5010, 40-60 µm.;</li> <li>- rotor in 2 mm steel with 8 neoprene blades.</li> </ul>
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Model	Volume* (m <sup>3</sup> /h)	Installed power (kW)	Rotor speed (rpm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
RVLB- 500	62	1,1	18	504	580	270	540	200	545	179

\* Volume output at 50% rotor of filling

<p><b>Options:</b> Other RAL colors; Other rotation speeds; Other rubber blades.</p>	<p><b>Spare parts:</b> Replacement rubber blades; Replacement rotor; Replacement motor and gear.</p>	<p><b>Accessories:</b> Counter - flanges; Transition pieces; Suction pipes RORS.</p>
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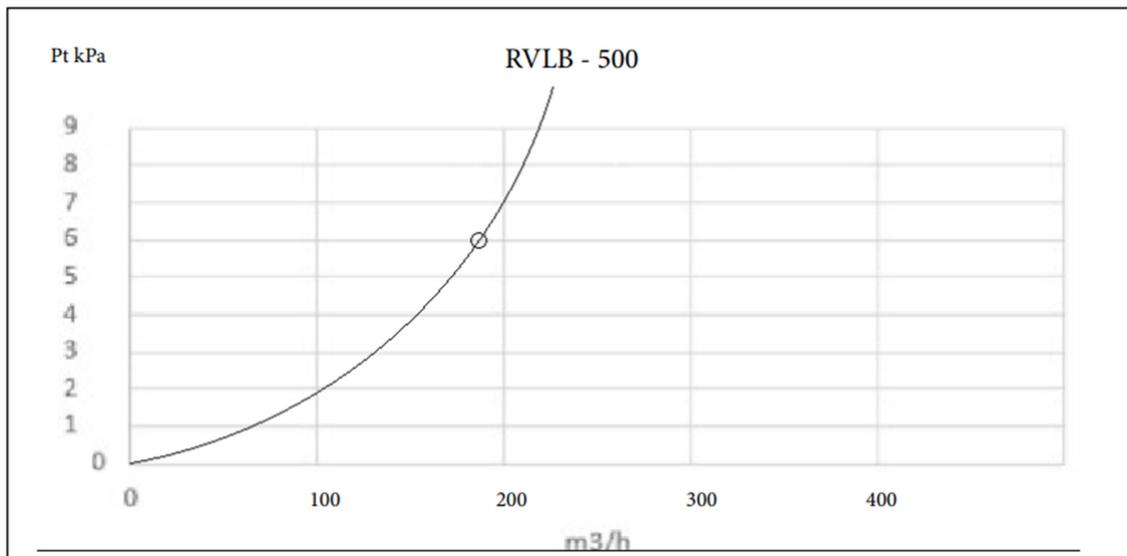
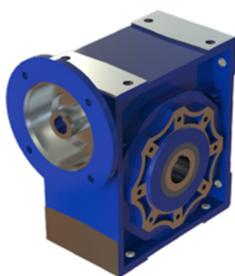


Diagramm zeigt Lecklufrate gemäß Druckverhältniss

## Geared motor details

The off-axis construction offers a reliable and robust construction for heavy duty applications. The right-angle geared motor assembly offers a more compact installation space compared to traditional in line geared motor conceptions. PTC of electrical motor has to be connected for safety purpose.



### Gear details:

Model: ZMSF  
Ratio: 1/80  
Flange type: B5  
Drive shaft: Ø42 mm  
Oil type: Synthetic oil ISO VG 320

*Possible gear and motor assembly position:*



### Motor details:

Model: IE3 - MSE90S-4  
Size: 110  
Power: 1,1 kW  
Voltage: 230 / 400  
Efficiency: IE3  
Insulation class: IP 55 S1  
Bearings: 6204 2RS C3  
Flange type: B5

