

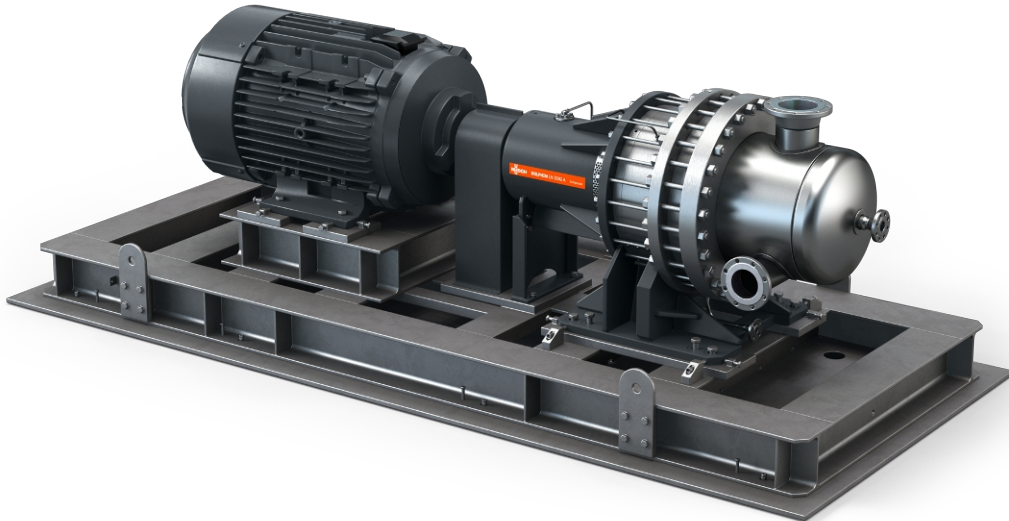
DOLPHIN LN 3001/3002 A (Former NSB SB 1.25/2.25)

Liquid ring compressors



VACUUM SOLUTIONS

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Robust

API standard, ATEX-certified, test run without operating fluids possible, extremely high vapor and particle tolerance

Easy servicing

Quick replacement of bearings and mechanical seals, no impeller adjustment needed, cleaning in place (CIP) with hot steam possible

Simple operation

Direct start function under full discharge pressure, reaches full performance after ten seconds

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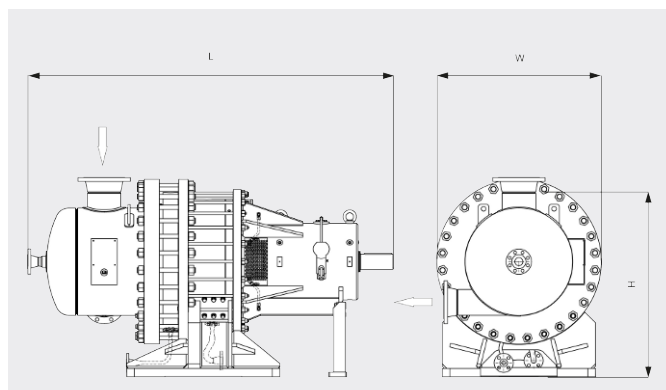
Liquid ring compressors



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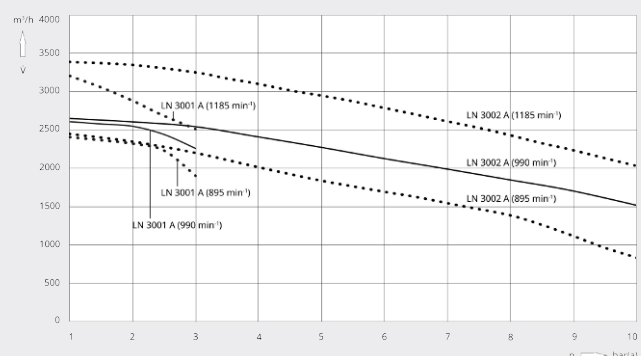
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Dimensional drawing



Pumping speed

Dry air at 20°C. Operating fluid water 15°C. Tolerance: $\pm 10\%$



DOLPHIN LN 3001 A		DOLPHIN LN 3002 A Preliminary
Volume flow	2300 / 2700 m³/h	2500 / 3200 m³/h
Overpressure	3 bar(a)	10 bar(a)
Nominal motor rating	260 / 370 kW	590 / 800 kW
Nominal motor speed	990 / 1185 min⁻¹	990 / 1185 min⁻¹
Sound pressure level (ISO 3744), 1 m distance, at medium load	85 / 88 dB(A)	87 / 90 dB(A)
Max. temperature of inlet gas stream	90 °C	90 °C
Weight approx.	3600 kg	3720 kg
Dimensions (L x W x H)	2285 x 1075 x 1300 mm	2384 x 1075 x 1300 mm
Gas inlet / outlet	DN 200 PN 16 / DN 150 PN 16	DN 200 PN 16 / DN 150 PN 16

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busch@buschvacuum.hu or +36 24 887 308



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