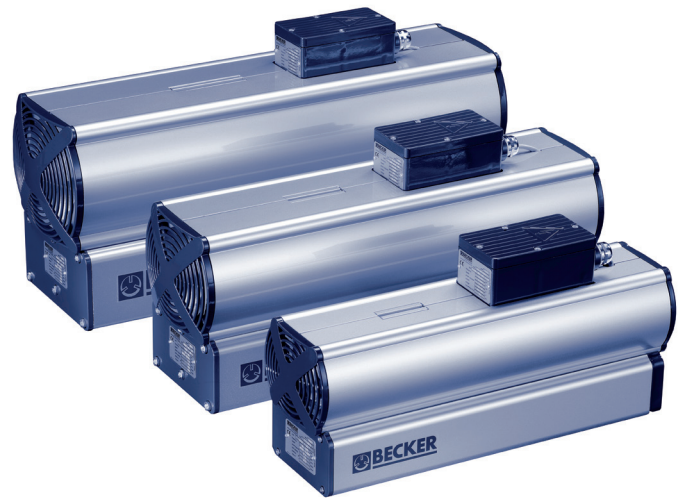
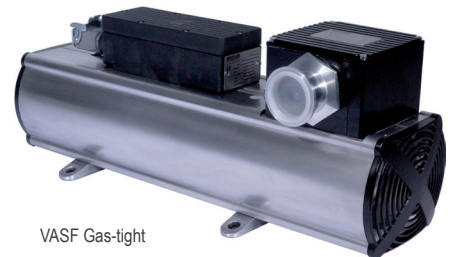


BEST IN CLASS

- Made in Germany
- 3 frame sizes of variable-speed side channel blowers (both single and double stage) from 24 up to 133 m³/h
- Compact in-line design for easy integration
- Small size and low weight due to high-speed design
- High volume flows at high pressures due to optimized aerodynamics
- Excellent performance due to wide speed range
- Contact free operation, thus no wear and no contamination on the gas side
- Efficient permanent magnet synchronous motor drive suitable for a wide voltage range (100-240 VAC ±10%)
- Integrated VARIAIR-electronics with various control functions for customer specific operation (external frequency inverter or controller not necessary)
- Gas-tight versions available for the circulation of inert gases such as Argon and Nitrogen (Leakage rate <math><1 \times 10^{-5}</math> mbar l/s or <math><1 \times 10^{-6}</math> Pa m³/s or <math><7.5 \times 10^{-6}</math> Torr l/s)
- In addition to the extended accessory range, the development of customized pumps, even for small quantities, belongs to BECKER's core competencies



VARIAIR
SPEED FLOW



VASF Gas-tight



	VASF 1.50...		VASF 1.80...		VASF 1.120...		VASF 1.50...		VASF 1.80...		VASF 1.120...	
	.../1	.../2	.../1	.../2	.../1	.../2	.../1-3110	.../2-3110	.../1-3110	.../2-3110	.../1-3110	.../2-3110
m ³ /h	47	24	75	40.5	114	65	45 ¹⁾	24 ¹⁾	77 ¹⁾	43 ¹⁾	133 ¹⁾	63 ¹⁾
mbar	-220 +231	-376 +412	-250 +260	-375 +420	-220 +275	-315 +425	Δp 265 ¹⁾	Δp 485 ¹⁾	Δp 265 ¹⁾	Δp 430 ¹⁾	Δp 275 ¹⁾	Δp 460 ¹⁾

1) measured for argon, leakage rate <math><1 \times 10^{-5}</math> mbar l/s (<math><1 \times 10^{-6}</math> Pa m³/s or <math><7.5 \times 10^{-6}</math> Torr l/s)

