

COBRA DS 8162/8163 B/F

Dry screw vacuum pumps



VACUUM SOLUTIONS

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High performance

Advanced screw design, excellent running qualities, integrated vacuum booster, perfectly suited for high-capacity load lock and coating processes

Efficient

Low cost of ownership, minimal maintenance, long service intervals, high uptime, efficient water cooling, high solvent throughput

Compact

Fit-in-place design, directly mounted canned motor, backing pump and vacuum booster combined on a compact base frame, modular design

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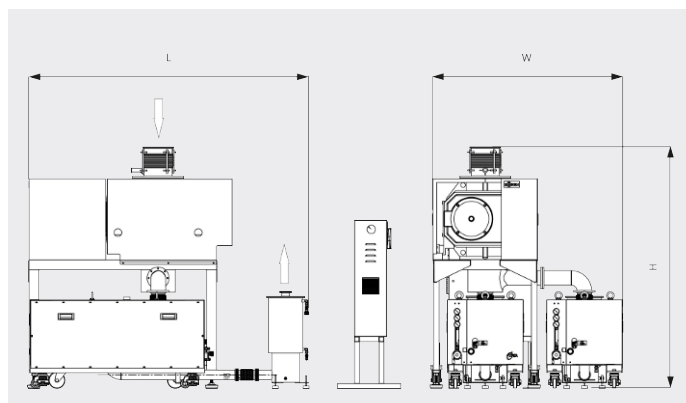
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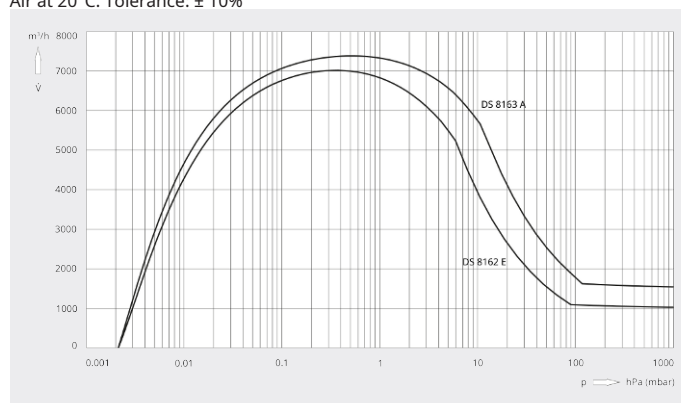
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



	COBRA DS 8162 F	COBRA DS 8163 B
Nominal pumping speed	4237.7 ACFM	4355.4 ACFM
Ultimate pressure	0.00075 Torr	0.00075 Torr
Nominal motor rating backing pump	2 · 20.1 hp	3 · 20.1 hp
Nominal motor rating vacuum booster	26.8 hp	26.8 hp
Power consumption at ultimate pressure / idle mode	28.2 / 25.5 hp	40.2 / 37.5 hp
Nominal motor speed backing pump	3600 rpm	3600 rpm
Nominal motor speed vacuum booster	3600 rpm	3600 rpm
Sound pressure level (ISO 2151), KpA = 3 dB	< 78 dB(A)	< 78 dB(A)
Water consumption	22 l/min	31 l/min
Nitrogen consumption	2 · (0 – 200) l/min	3 · (0 – 200) l/min
Weight approx.	5500 Lbs.	7330 Lbs.

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	COBRA DS 8162 F	COBRA DS 8163 B
Dimensions (L x W x H)	63.1 x 57.9 x 73.2 inches	63.1 x 83.2 x 73.2 inches
Gas inlet / outlet	DN 200 / 2 · DN 63	DN 200 / 3 · DN 63

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

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