COBRA DS 8161 F

Dry screw vacuum pump

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP

High performance

Advanced screw design, excellent running qualities, integrated vacuum booster, perfectly suited for chemical vapor deposition, rapid thermal processing or atomic layer deposition

Efficient

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

Compact

Fit-in-place design, directly mounted canned motor

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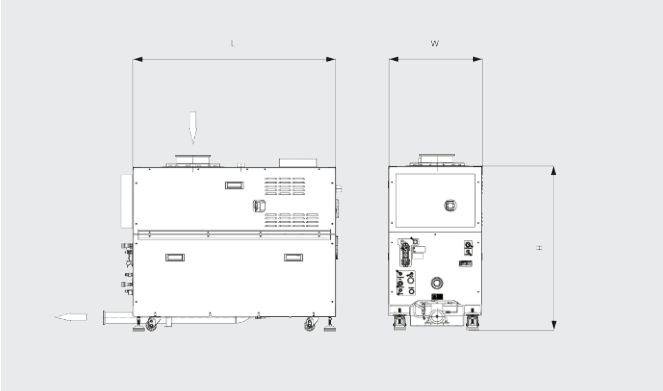
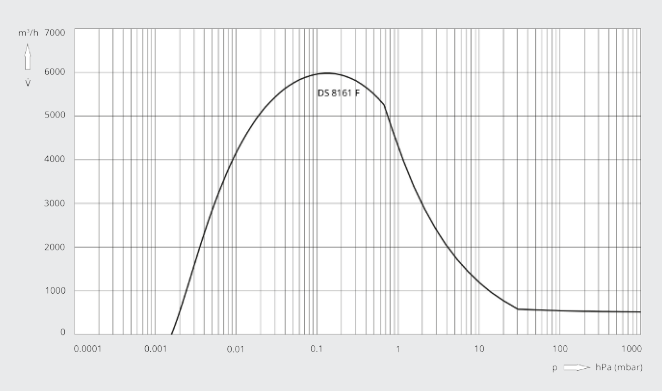
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10%



	COBRA DS 8161 F
Nominal pumping speed	6000 m^3/h
Ultimate pressure	0.001 hPa (mbar)
Nominal motor rating backing pump	15 kW
Nominal motor rating vacuum booster	15 kW
Power consumption at ultimate pressure / idle mode	12.5 / 10 kW
Nominal motor speed backing pump	3600 min^{-1}
Nominal motor speed vacuum booster	5400 min^{-1}
Sound pressure level (ISO 2151), KpA = 3 dB	< 75 dB(A)
Water consumption	min. 15 l/min
Nitrogen consumption	0 – 200 l/min
Weight approx.	1500 kg
Dimensions (L x W x H)	1441 x 627 x 1100 mm
Gas inlet / outlet	DN 200 / DN 63

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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