COBRA DS 8161 F

Dry screw vacuum pump



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

www.pfeiffer-vacuum.com © Pfeiffer Vacuum 01.07.2025 1/2

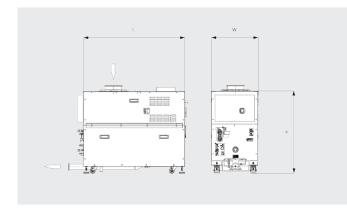
COBRA DS 8161 F

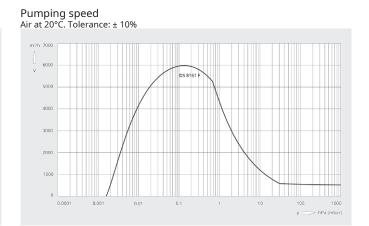
Dry screw vacuum pump



Part of the **BUSCH** GROUP

Dimensional drawing





| | COBRA DS 8161 F |
|--|------------------------|
| Nominal pumping speed | 6000 m³/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

01.07.2025 2/2 www.pfeiffer-vacuum.com © Pfeiffer Vacuum