

COBRA DS 2141 A

Dry screw vacuum pump



High performance

Advanced screw design, excellent running qualities, integrated vacuum booster, excellent powder handling, perfectly suited for semiconductor applications, flat panel display production and the solar power applications

Efficient

Low cost of ownership, minimal maintenance, long service intervals, high uptime, efficient indirect water cooling, high hydrogen throughput, variable temperature control, low vibration level

Compact

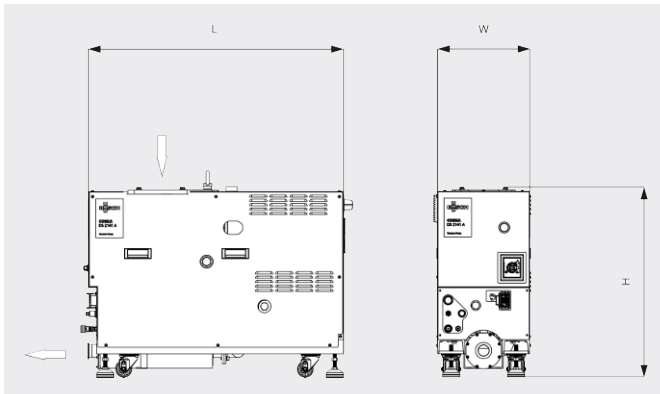
Fit-in-place design, directly mounted canned motor, integrated control panel, backing pump and vacuum booster combined on a compact base frame

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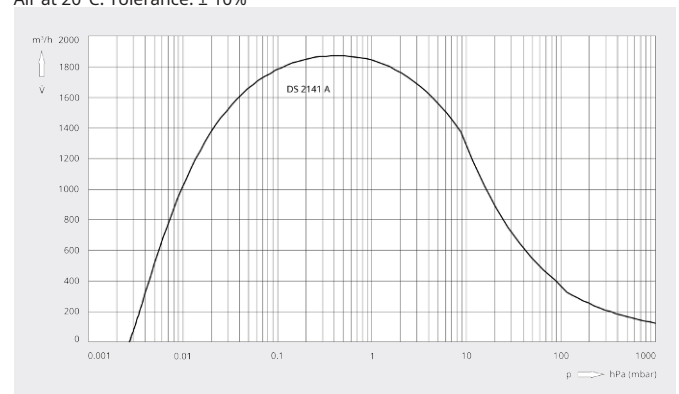
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Dimensional drawing



Pumping speed
Air at 20°C. Tolerance: ± 10%



| COBRA DS 2141 A | |
|--|------------------------|
| Nominal pumping speed | 1875 m ³ /h |
| Ultimate pressure | 0.003 hPa (mbar) |
| Nominal motor rating backing pump | 7.9 kW |
| Nominal motor rating vacuum booster | 4.0 kW |
| Power consumption at ultimate pressure | 5.0 kW |
| Nominal motor speed backing pump | 4320 min ⁻¹ |
| Nominal motor speed vacuum booster | 5400 min ⁻¹ |
| Noise level (ISO 2151) | < 75 dB(A) |
| Water consumption | min. 7.0–8.0 l/min |
| Nitrogen consumption | 0 – 75 l/min |
| Weight approx. | 600 kg |
| Dimensions (L x W x H) | 1173 x 425 x 854 mm |
| Gas inlet / outlet | DN 160 / DN 50 |

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
sales@busch.com.bd or +880 178 766 0359



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