

# 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

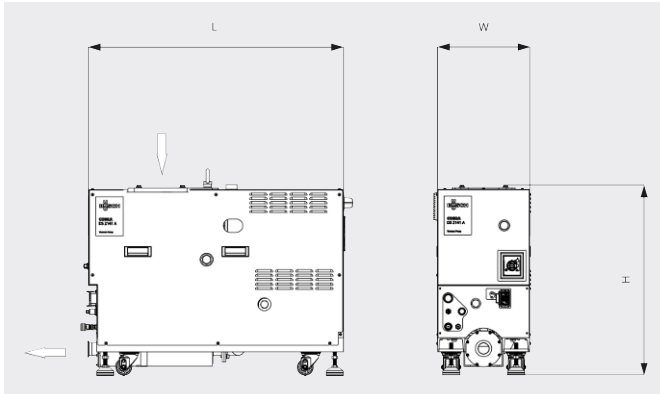
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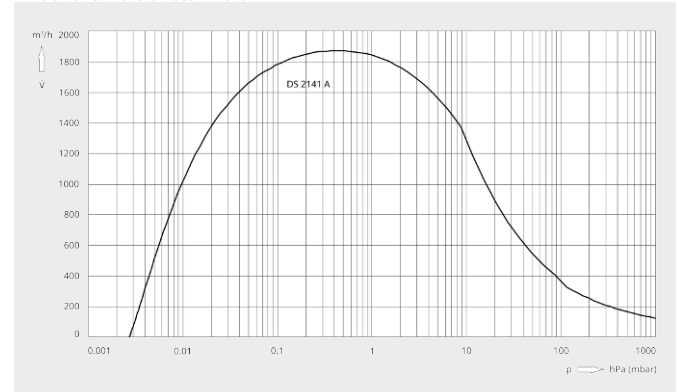


VACUUM SOLUTIONS

Dimensional drawing



Pumping speed  
Air at 20°C. Tolerance:  $\pm 10\%$



| COBRA DS 2141 A                        |                        |
|--|------------------------|
| Nominal pumping speed                  | 1875 m³/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 <sup>-1</sup> |
| Nominal motor speed vacuum booster     | 5400 min <sup>-1</sup> |
| 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!



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