

COBRA DS 0080/0160 G

Dry screw vacuum pumps



Discover all advantages of
the product series COBRA
DS

High performance

Advanced screw design, excellent running qualities, 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

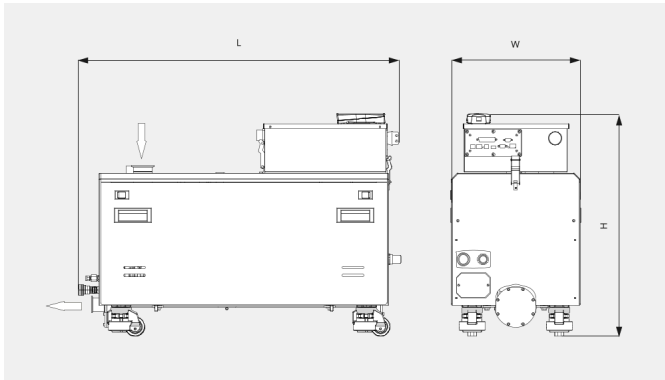
Fit-in-place design, directly mounted canned motor

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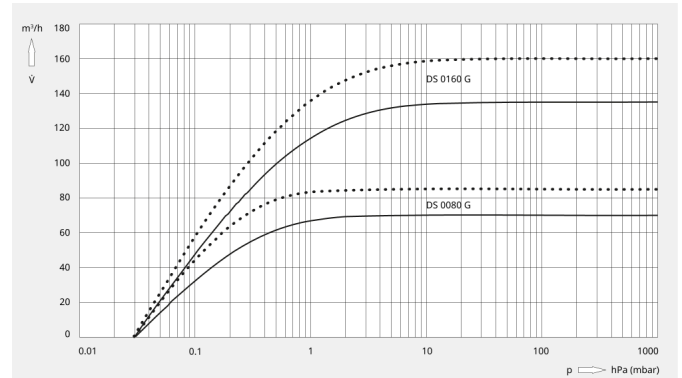


Dimensional drawing



Pumping speed

Air at 20 °C. Tolerance: ± 10%



The following technical values refer to ISO 50 Hz

	COBRA DS 0080 G	COBRA DS 0160 G
Nominal pumping speed	70 m³/h	140 m³/h
Ultimate pressure	0.03 hPa (mbar)	0.03 hPa (mbar)
Nominal motor rating	4.0 kW	5.5 kW
Power consumption at ultimate pressure	2.6 kW	4.3 kW
Nominal motor speed	3000 min ⁻¹	3000 min ⁻¹
Sound pressure level (ISO 2151)	< 62 dB(A)	< 68 dB(A)
Water consumption	4.0 l/min	4.0 l/min
Nitrogen consumption	0 – 75 l/min	0 – 75 l/min
Weight approx.	276 kg	338 kg
Dimensions (L x W x H)	865 x 385 x 667 mm	975 x 425 x 697 mm
Gas inlet	DN 40	DN 50
Gas outlet	DN 40	DN 40

The following technical values refer to ISO 60 Hz

	COBRA DS 0080 G	COBRA DS 0160 G
Nominal pumping speed	85 m³/h	160 m³/h
Ultimate pressure	0.03 hPa (mbar)	0.03 hPa (mbar)

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VACUUM SOLUTIONS

	COBRA DS 0080 G	COBRA DS 0160 G
Nominal motor rating	4.4 kW	6.6 kW
Power consumption at ultimate pressure	3.2 kW	5.2 kW
Nominal motor speed	3600 min ⁻¹	3600 min ⁻¹
Sound pressure level (ISO 2151)	< 62 dB(A)	< 68 dB(A)
Water consumption	4.0 l/min	4.0 l/min
Nitrogen consumption	0 – 75 l/min	0 – 75 l/min
Weight approx.	276 kg	338 kg
Dimensions (L x W x H)	865 x 385 x 667 mm	975 x 425 x 697 mm
Gas inlet	DN 40	DN 50
Gas outlet	DN 40	DN 40

DO YOU WANT TO KNOW MORE

Please contact us!
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CONTACT FORM



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