

COBRA DS 2610-3161 A/E

Dry screw vacuum pumps



VACUUM SOLUTIONS



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, backing pump and vacuum booster combined on a compact base frame

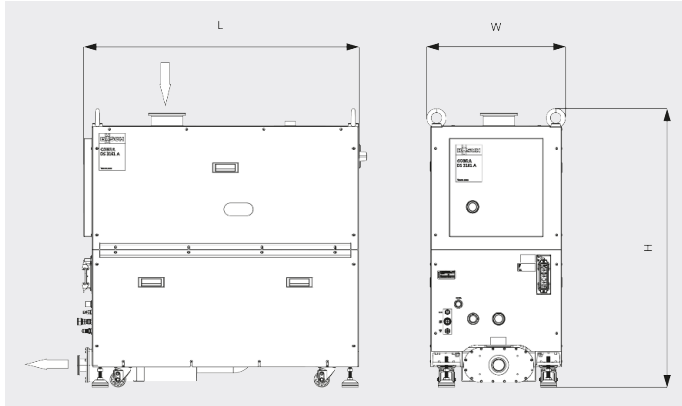
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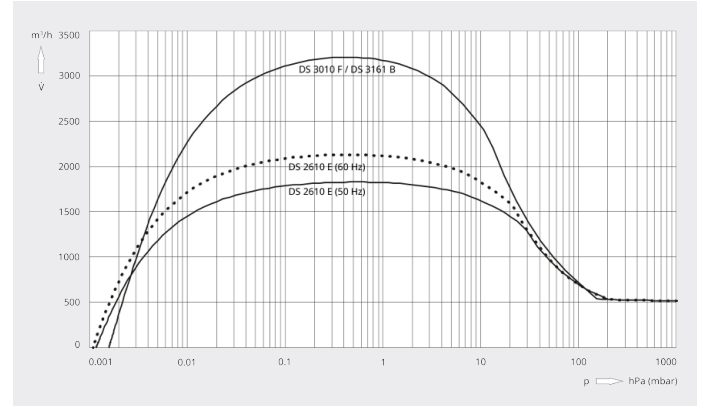
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10%

— 50 Hz 60 Hz



	COBRA DS 2610 E	COBRA DS 3010 E	COBRA DS 3161 A
Nominal pumping speed	1253.5 ACFM	1883.2 ACFM	1883.2 ACFM
Ultimate pressure	0.00075 TORR	0.00075 TORR	0.00075 TORR
Nominal motor rating backing pump	20.1 HP	20.1 HP	20.1 HP
Nominal motor rating vacuum booster	8.9 HP	20.1 HP	20.1 HP
Power consumption at ultimate pressure / idle mode	14.8 / 14.8 HP	15.8 / 13.3 HP	15.8 / 13.3 HP
Nominal motor speed backing pump	3600 RPM	3600 RPM	3600 RPM
Nominal motor speed vacuum booster	3600 RPM	5400 RPM	5400 RPM
Noise level (ISO 2151)	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)
Water consumption	10 l/min	10 l/min	10 l/min
Nitrogen consumption	0 – 200 l/min	0 – 200 l/min	0 – 200 l/min
Weight approx.	2860 Lbs.	3036 Lbs.	2992 Lbs.

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Dimensions (L x W x H)	55.9 x 28.4 x 60 inches	55.9 x 28.4 x 60 inches	51.8 x 24.7 x 51.6 inches
Gas inlet / outlet	DN 160 / DN 63	DN 160 / DN 63	DN 160 / DN 63

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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