

COBRA DS 3181 C

Dry screw vacuum pump



VACUUM SOLUTIONS

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

Compact

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

COBRA DS 3181 C

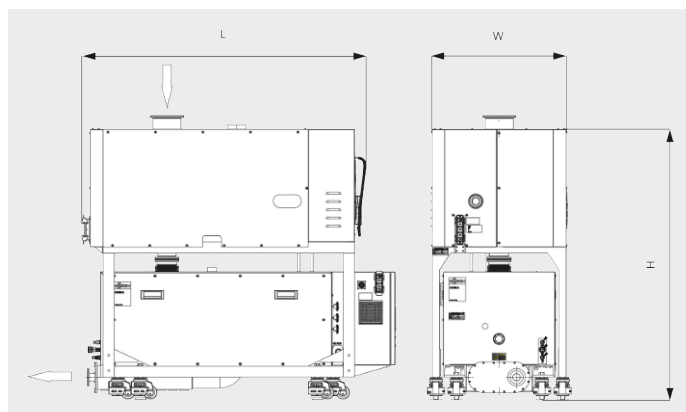
Dry screw vacuum pump



VACUUM SOLUTIONS

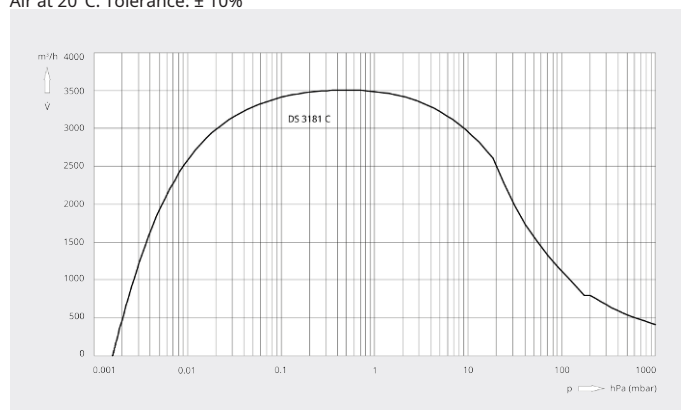
Part of the **BUSCH** GROUP

Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$



COBRA DS 3181 C	
Nominal pumping speed	2059.8 ACFM
Ultimate pressure	0.00075 Torr
Nominal motor rating backing pump	24.8 hp
Nominal motor rating vacuum booster	20.1 hp
Nominal motor speed backing pump	4220 rpm
Nominal motor speed vacuum booster	5400 rpm
Sound pressure level (ISO 2151), KpA = 3 dB	< 75 dB(A)
Water consumption	min. 10 l/min
Nitrogen consumption	0 – 200 l/min
Weight approx.	3058 Lbs.
Dimensions (L x W x H)	65.1 x 28.4 x 60 inches
Gas inlet / outlet	DN 160 / DN 63

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

info@buschusa.com or +1 757 463 7800



CONTACT FORM



CALL NOW