

COBRA DH 2780-6280 A

Dry screw vacuum pumps



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Plug&Pump

Ready for immediate use, intuitive 7" color touch screen control panel, remote control via web server possible

High performance

High pumping speed enables fast pump-down times, e.g. in **industrial** load lock applications

Efficient

Completely gas-tight and dry system with less wear parts, longer service intervals and high energy efficiency, 60% less power consumption at ultimate pressure by using VacBoost energy saving module

Accessories, spare parts and options

- Pressure measurement (inlet and/or exhaust side)
- Gas-ballast option for backing pump
- Barrier gas option for vacuum booster
- E-Stop and main switch option
- FieldBus option ProfiNet
- IoT kit pre-installed (OTTO)
- Vibration measurement (incl. vibration sensor)
- Cooling water monitoring (incl. flow sensor)
- Inlet gate valve DN 160
- Various exhaust options (silencer, check valve)
- VacBoost (energy saving module)

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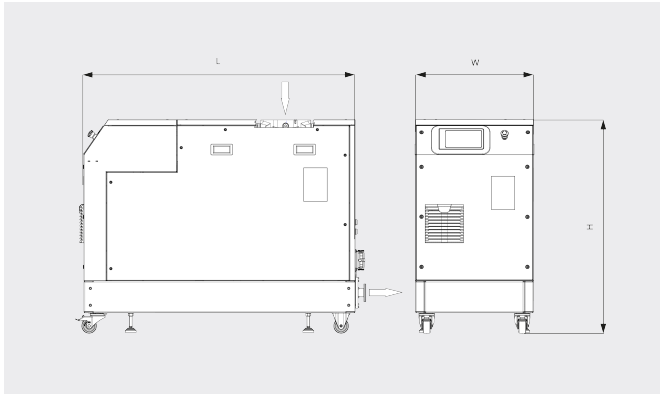
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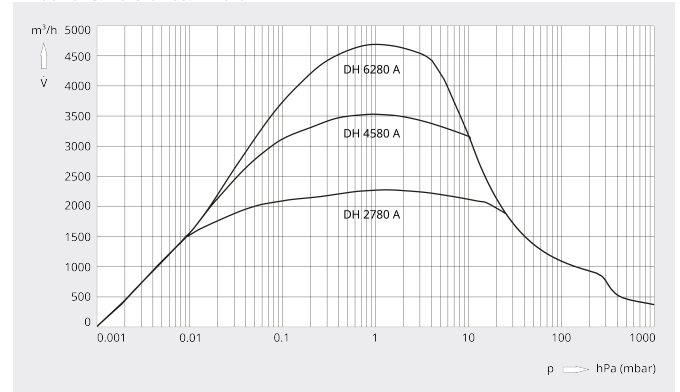
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10%



	COBRA DH 2780 A	COBRA DH 4580 A	COBRA DH 6280 A
Pumping speed at 1 hPa(mbar)	2250 m³/h	3512 m³/h	4652 m³/h
Ultimate pressure	0.001 hPa (mbar)	0.001 hPa (mbar)	0.001 hPa (mbar)
Nominal motor rating	26 kW	26 kW	26 kW
Power consumption at ultimate pressure	10 kW	10.2 kW	10.4 kW
Power consumption at ultimate pressure with energy saving module	3.6* kW	3.6* kW	3.6* kW
Leakage rate	1 · 10 ⁻⁶ Pa m³/s	1 · 10 ⁻⁶ Pa m³/s	1 · 10 ⁻⁶ Pa m³/s
Water consumption	10 l/min	10 l/min	10 l/min
Sound pressure level (ISO 2151), KpA = 3 dB	69 dB(A)	69 dB(A)	69 dB(A)
Protection class	IP54	IP54	IP54
Weight approx.	950 kg	950 kg	950 kg
Dimensions (L x W x H)	1446 x 630 x 1140 mm	1446 x 630 x 1140 mm	1446 x 630 x 1140 mm
Gas inlet / outlet	DN 160 ISO-F DN 150 PN16 / DN 63 ISO-F	DN 160 ISO-F DN 150 PN16 / DN 63 ISO-F	DN 160 ISO-F DN 150 PN16 / DN 63 ISO-F

*Rotational speed in stand-by

Technical data / Specifications may vary depending on configuration, selected accessories, installation, and operating conditions.

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!



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