

# COBRA DH 2780-6280 A

Dry screw vacuum pumps



**VACUUM SOLUTIONS**

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## 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 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

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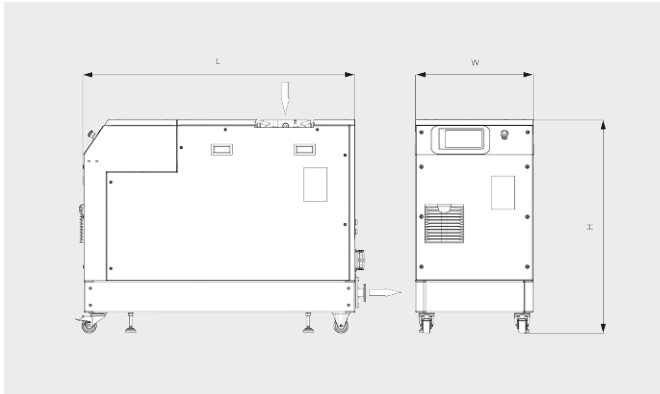
Dry screw vacuum pumps



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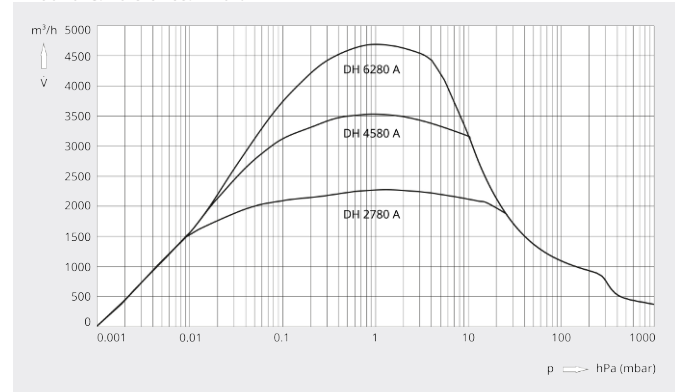
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$



|                                                                  | COBRA DH 2780 A                          | COBRA DH 4580 A                          | COBRA DH 6280 A                          |
|------------------------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| Nominal pumping speed                                            | 2700 m³/h                                | 4500 m³/h                                | 6200 m³/h                                |
| 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                                                     | $1 \cdot 10^{-6}$ Pa m³/s                | $1 \cdot 10^{-6}$ Pa m³/s                | $1 \cdot 10^{-6}$ 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

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
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