

CombiLine WD 1800

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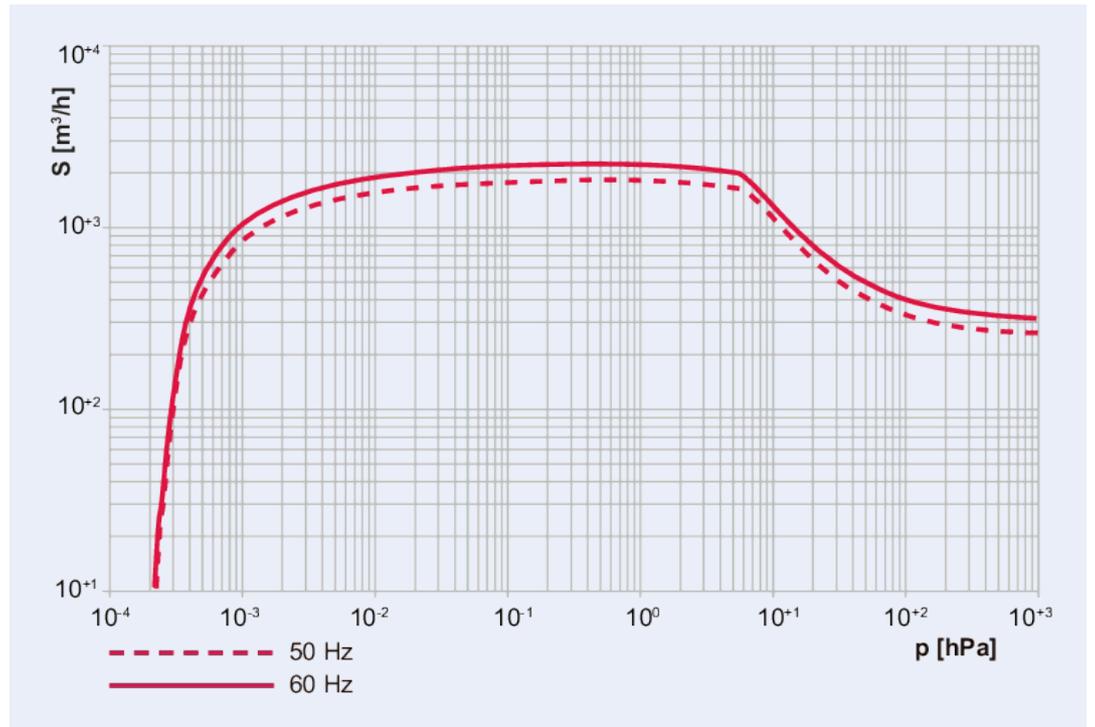


Illustration only

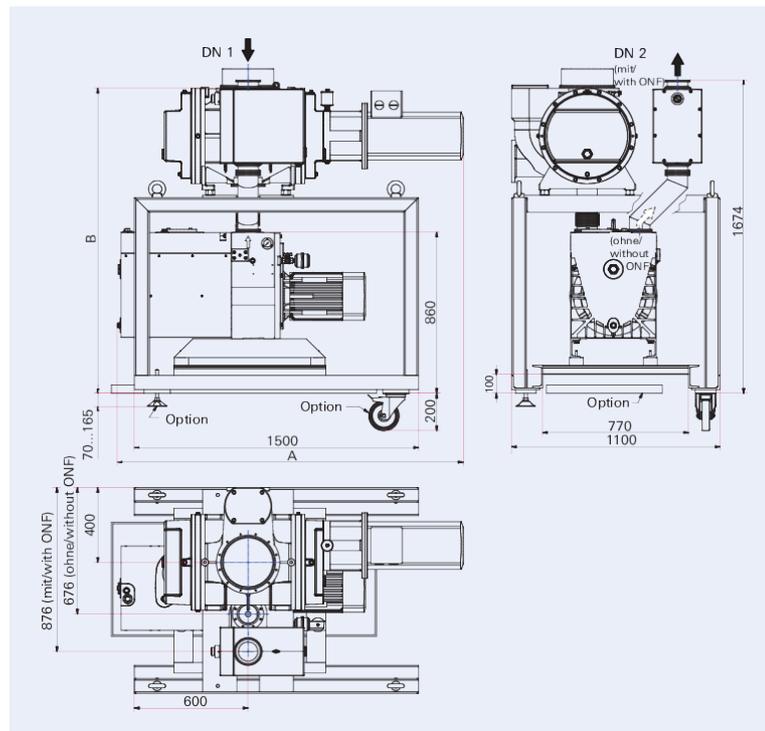
CombiLine WD 1800 with Duo 255 two-stage rotary vane pump and Okta 2000 roots pump

- Okta 2000 roots pump, standard version, operating fluid P3
- Duo 255 rotary vane pump, standard version, incl. OME MR oil mist filter (with oil return), operating fluid P3
- Components built on a common base frame and internally connected by pipes
- All motors according to efficiency class IE3
- Various accessories are available for all current pumping stations
- Pumps with other voltages on request

Characteristics



Dimensions



A	1,690 mm
B	1,540 mm
DN 1	DN 160 ISO-F
DN 2	DN 100 ISO-F

Technical Data	CombiLine WD 1800 with Duo 255 two-stage rotary vane pump and Okta 2000 roots pump
Motor type	3-phase motor
Typical ultimate pressure with gas ballast	$<5 \cdot 10^{-4}$ hPa
Type	Roots pumping station
Version	Process version
Input voltage(s)	400 V AC, 50 Hz 460 V AC ($\pm 10\%$), 60 Hz
Emission sound pressure level (EN ISO 2151)	1 hPa: ≤ 80 dB(A)
Typical ultimate pressure with gas ballast	$<5 \cdot 10^{-4}$ hPa $<3.75 \cdot 10^{-4}$ Torr $<5 \cdot 10^{-4}$ mbar
Pumping speed at 1 hPa, 50 Hz	1,800 m ³ /h 1,059.48 cfm 30,000.6 l/min
Pumping speed at 1 hPa, 60 Hz	2,160 m ³ /h 1,271.38 cfm 36,000.72 l/min
Weight	980 kg 2,160.53 lb
Weight: with motor	980 kg
Final pressure without gas ballast	$<3 \cdot 10^{-4}$ hPa
Power consumption max.	13 kW
Backing pump	Duo 255
Roots pump	Okta 2000
Pumping speed at 60 Hz	2160 m ³ /h
Pumping speed at 50 Hz	1800 m ³ /h
Connection flange (in)	DN 160 ISO-F
Connection flange (out)	DN 100 ISO-F

Order number	CombiLine WD 1800 with Duo 255 two-stage rotary vane pump and Okta 2000 roots pump
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