

DATA SHEET

EVS 450-6200

SCREW VACUUM PUMPS

oil-sealed
air-cooled

MAKE IT SCHMIED.

INVERTER TECHNOLOGY

1 DIRECT DRIVE WITH A PERMANENT-MAGNET MOTOR

2 INTEGRATED FILTERS

3



- 1 This drive replaces V-belt systems or gearboxes that usually need a lot of attention. It reduces maintenance and delivers strong pumping performance with low operating costs because it's energy-efficient and easy to control with precision.
- 2 The large filter surface extends the time between replacement intervals, ensuring uninterrupted operation.
- 3 Frequency inverter functionality enhances performance, precisely adapts to process requirements, and optimises energy consumption.

HUIZHOU HUASHENG ELECTROMECHANICAL DEVICE CO., LTD.

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GUANGDONG, CHINA, 516025

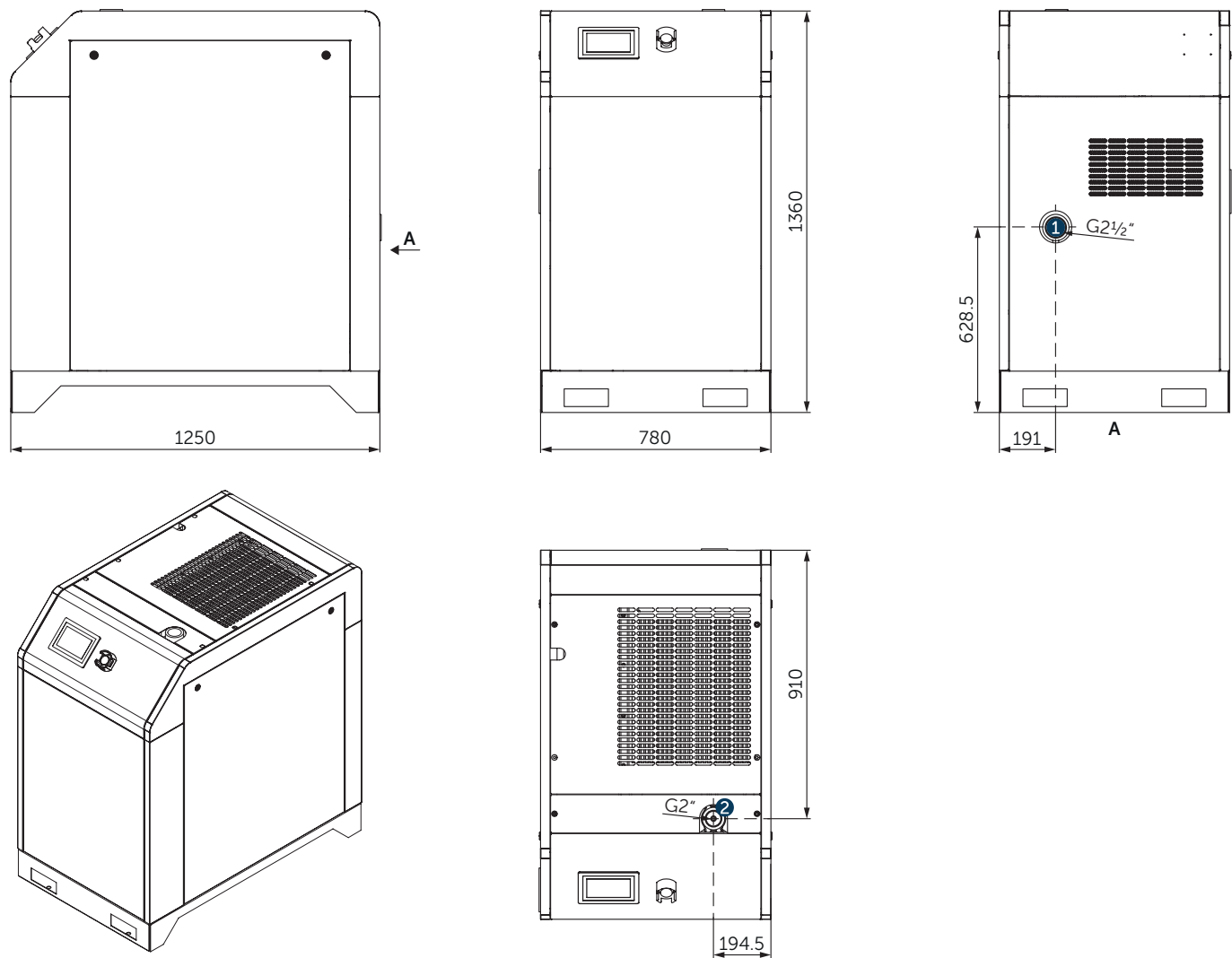
E-Mail : pumps1688@dingtalk.com

PH:86-13927365016(Whatsapp)

www.vacuump.com/en

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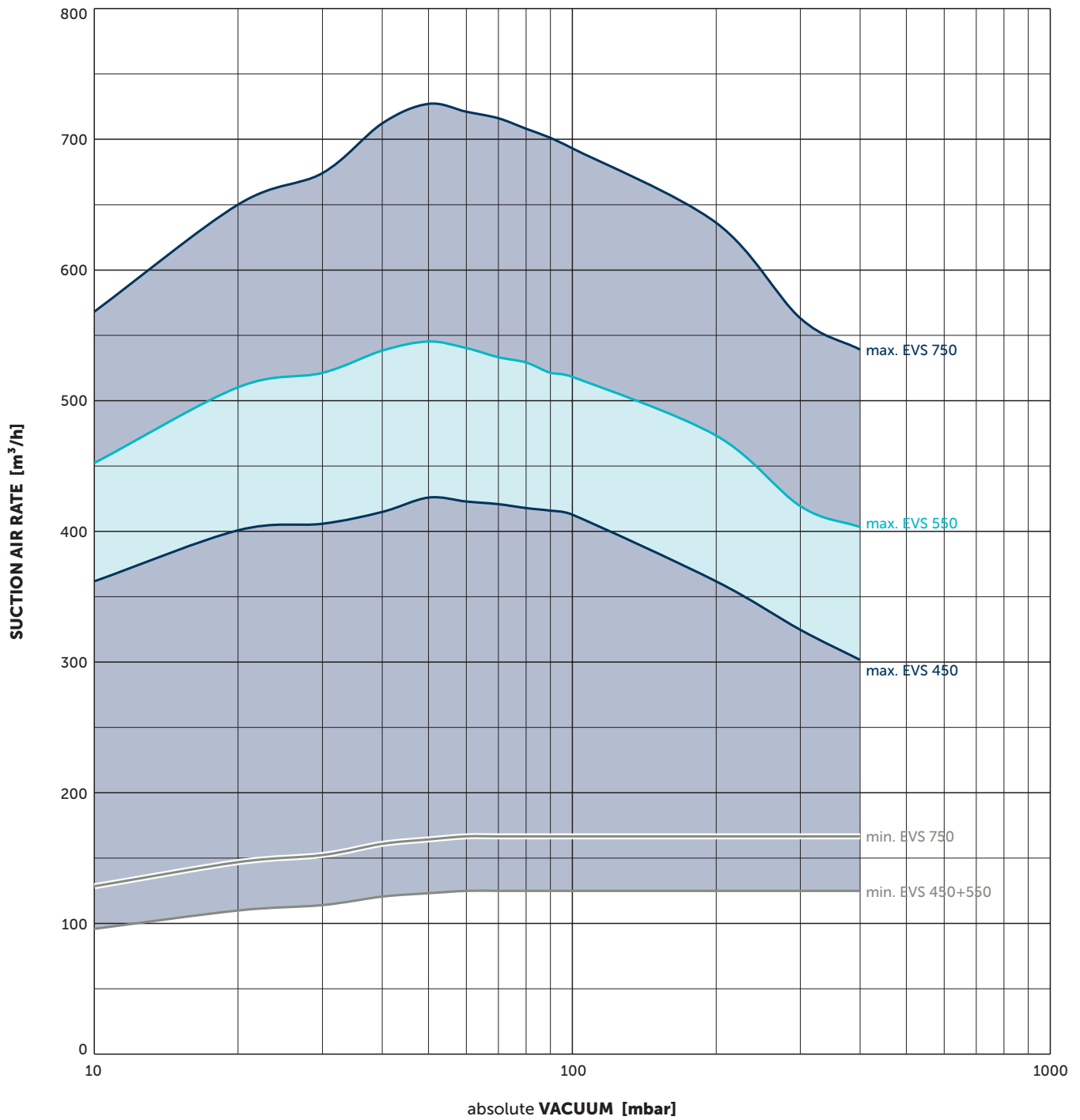
Schmied Vacuum



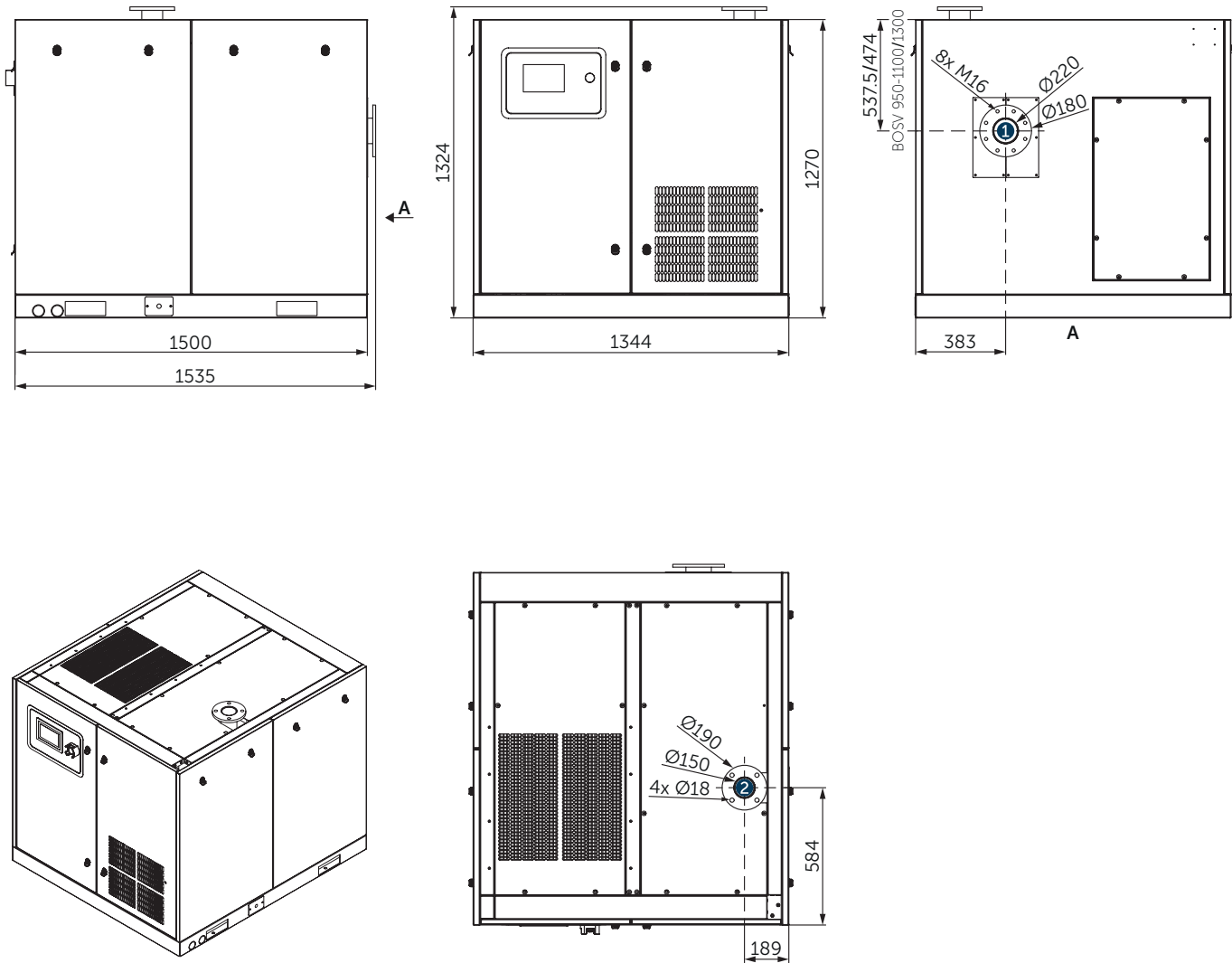
- 1 Vacuum connection (G2½")
- 2 Exhaust air connection (G2")
- Dimensions in mm

	Nominal capacity	Vacuum absolute	Installed motor power	Emission sound pressure level	Weight	Oil capacity
	m³/h	mbar	kW	dB(A)	kg	l
EVS 450	426	0.3	5.5	55-70	700	18
EVS 550	545	0.3	7.5	55-70	700	18
EVS 750	727	0.3	11.0	55-70	700	18

- The performance test complies with the ISO 21360-2-2012 standard.
- 3~motors in 400V ±5% 50Hz IE5



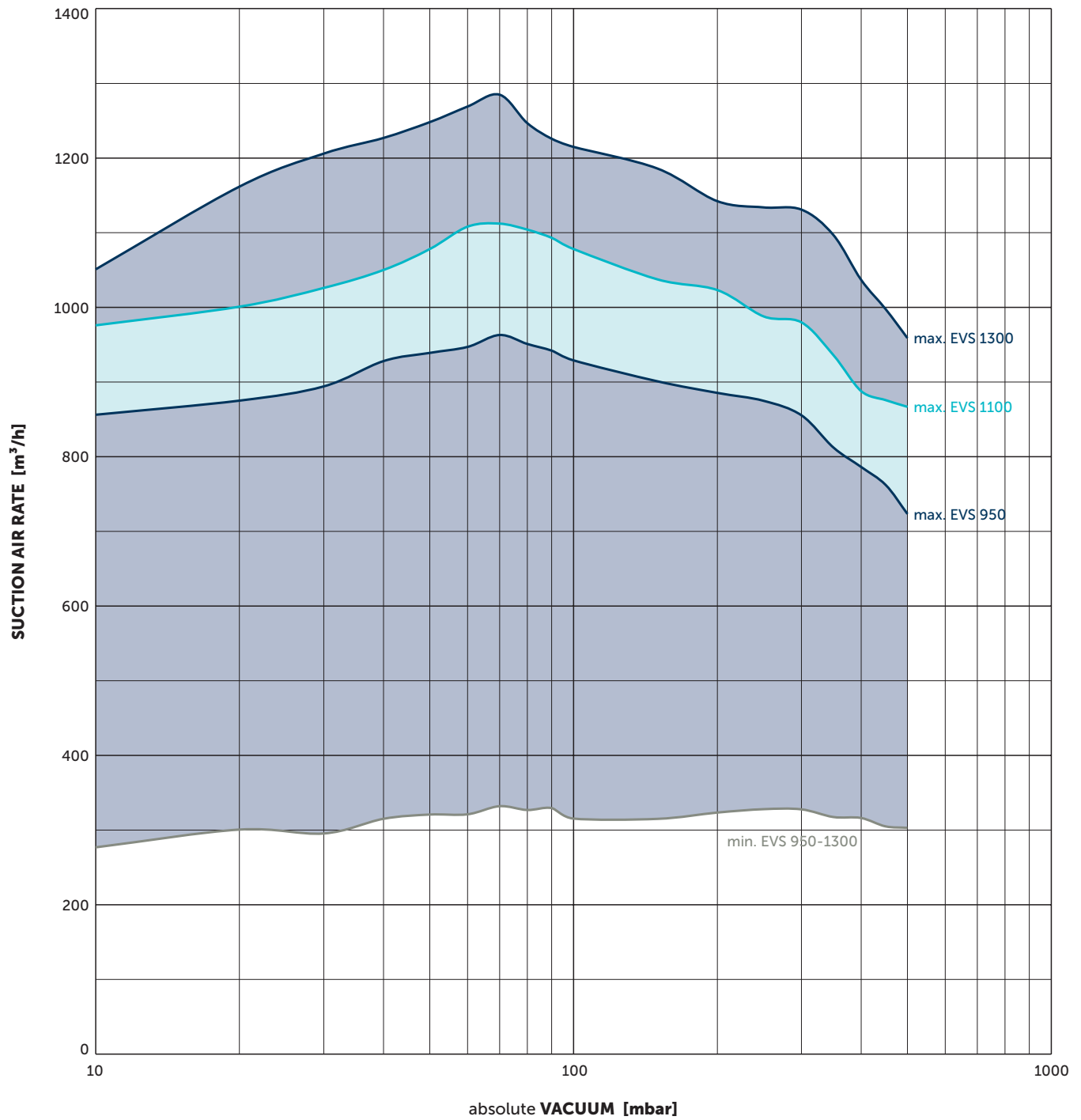
Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: $\pm 10\%$



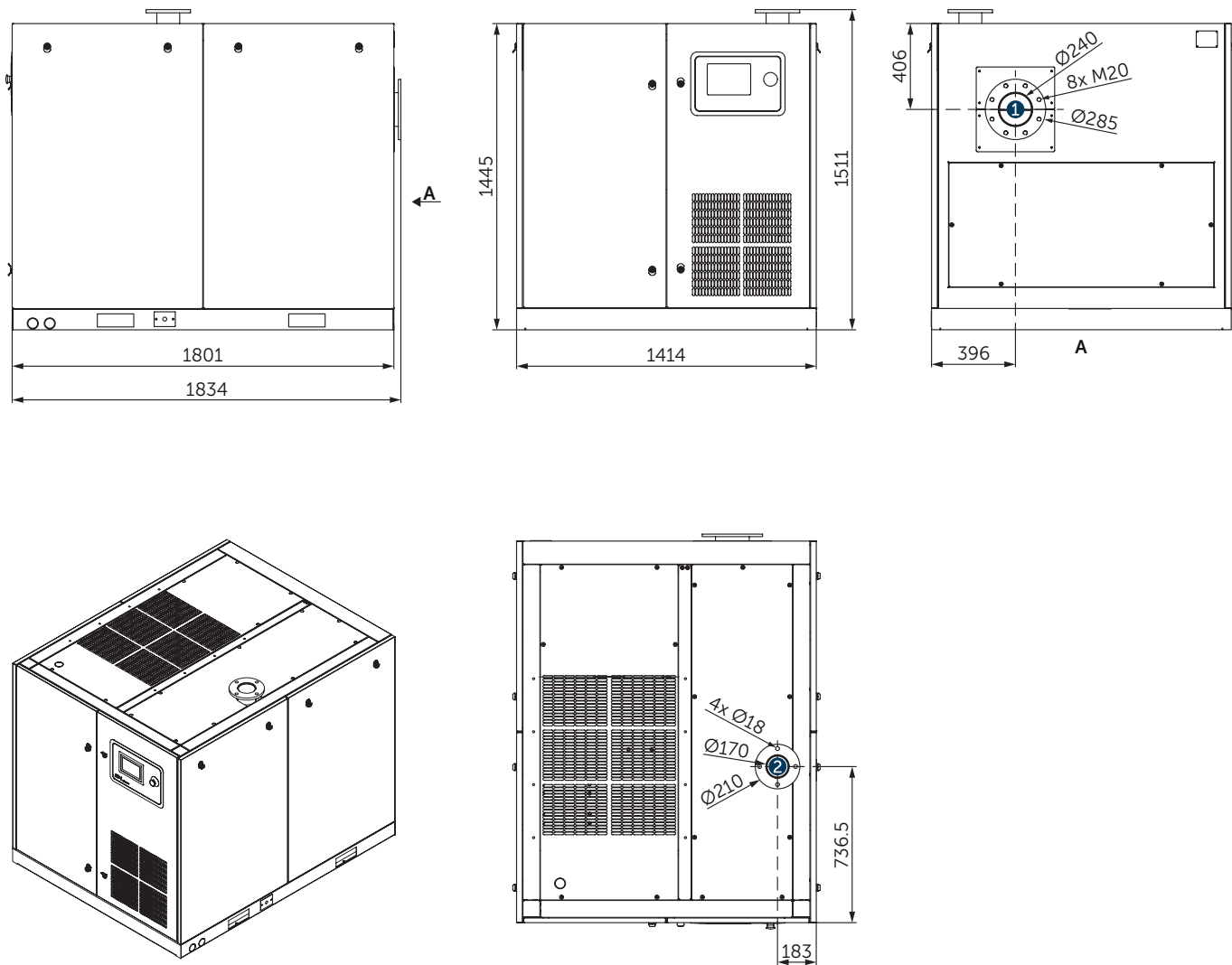
- 1 Vacuum connection (DN100)
- 2 Exhaust air connection (DN80)
- Dimensions in mm

	Nominal capacity	Vacuum absolute	Installed motor power	Emission sound pressure level	Weight	Oil capacity
	m³/h	mbar	kW	dB(A)	kg	l
EVS 950	963	0.3	15.0	55-74	1050	28
EVS 1100	1112	0.3	18.5	55-74	1050	28
EVS 1300	1285	0.3	22.0	55-74	1050	28

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- 3~motors in 400V ±5% 50Hz IE5



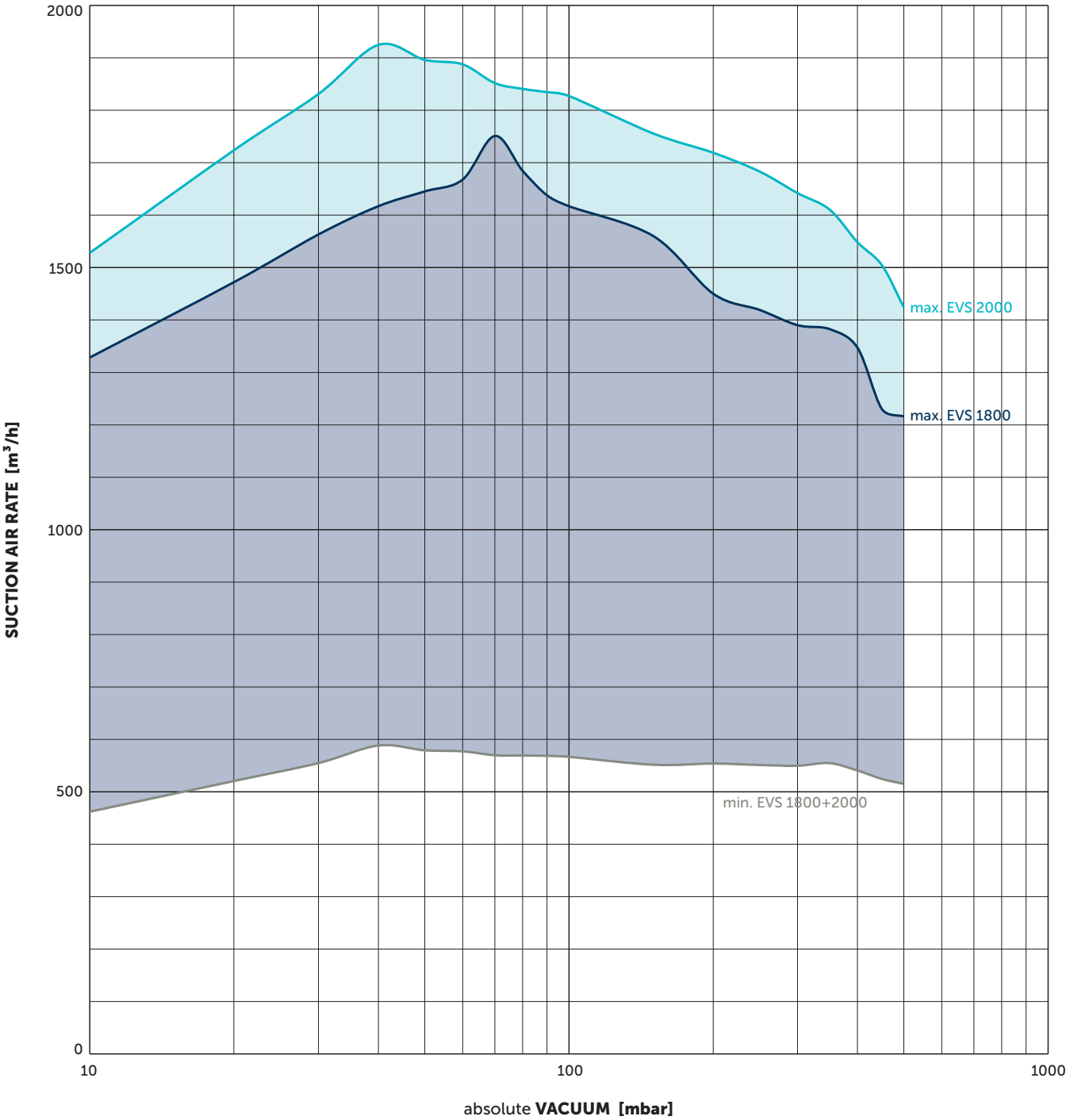
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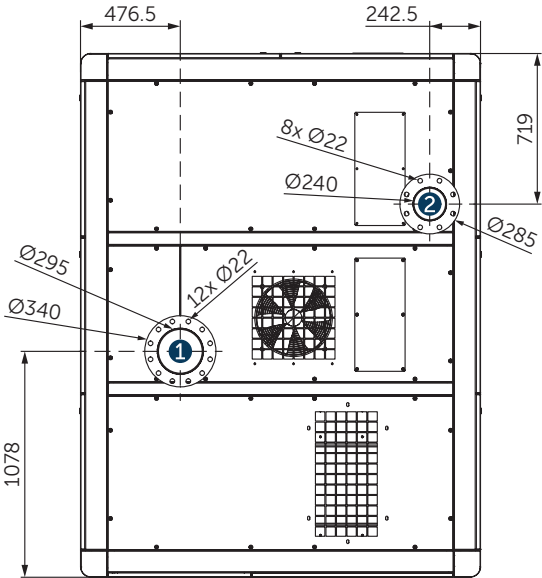
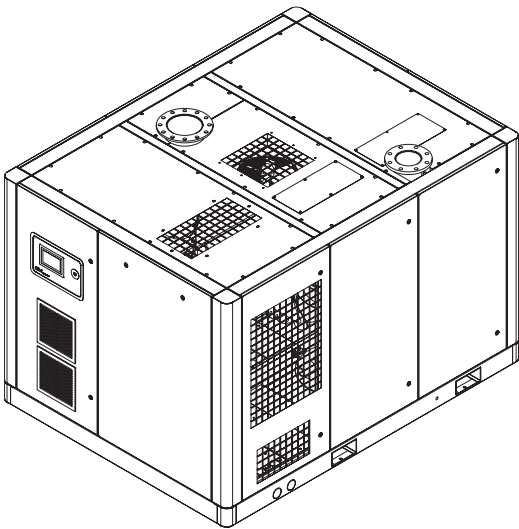
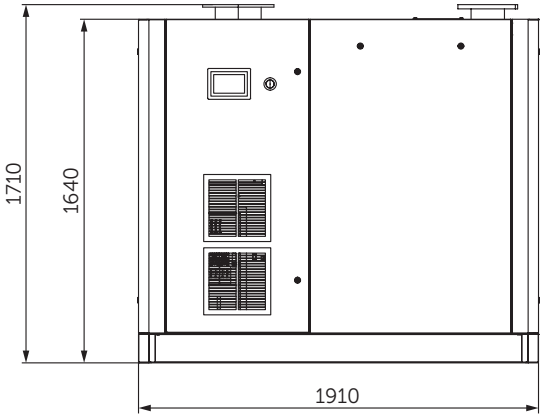
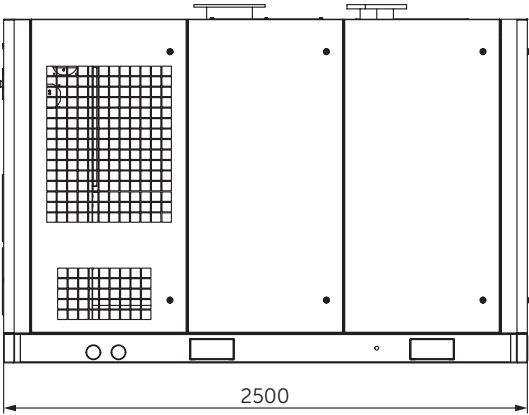
- 1 Vacuum connection (DN150)
- 2 Exhaust air connection (DN100)
- Dimensions in mm

	Nominal capacity	Vacuum absolute	Installed motor power	Emission sound pressure level	Weight	Oil capacity
	m ³ /h	mbar	kW	dB(A)	kg	l
EVS 1800	1751	0.3	30	65-79	1500	50
EVS 2000	1925	0.3	37	65-79	1500	50

- The performance test complies with the ISO 21360-2-2012 standard.
- 3~motors in 400V $\pm 5\%$ 50Hz IE5



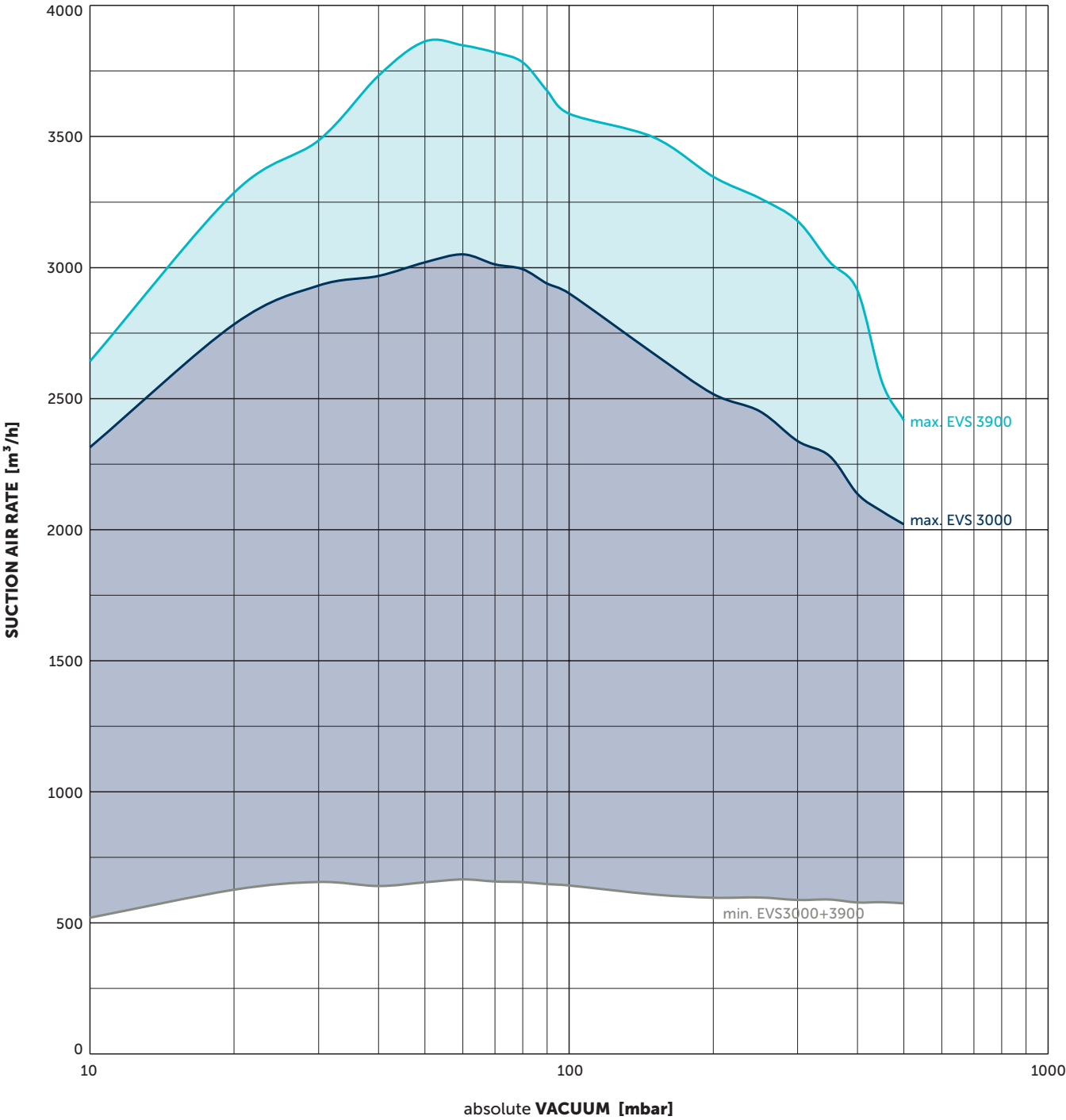
Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%



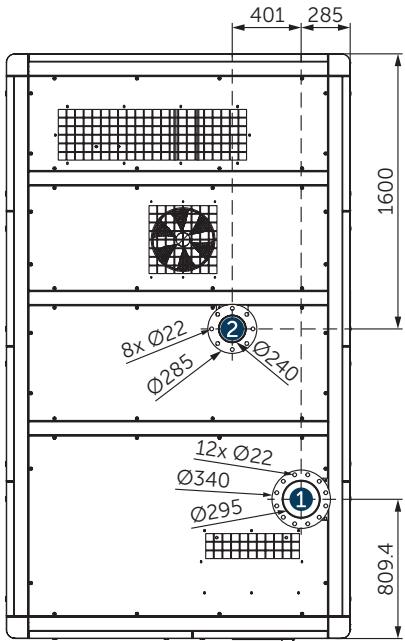
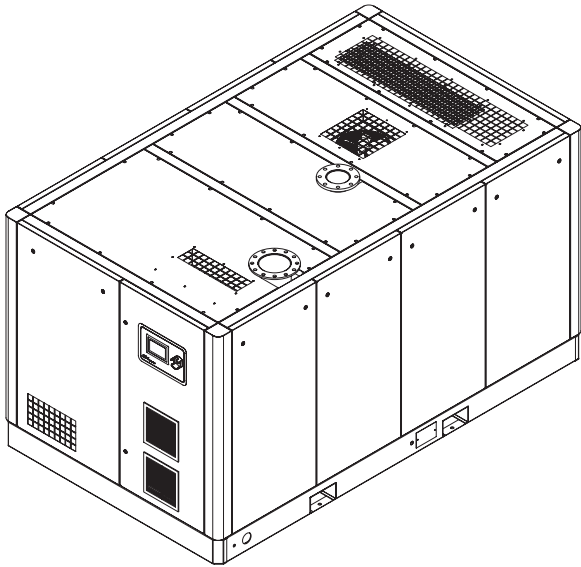
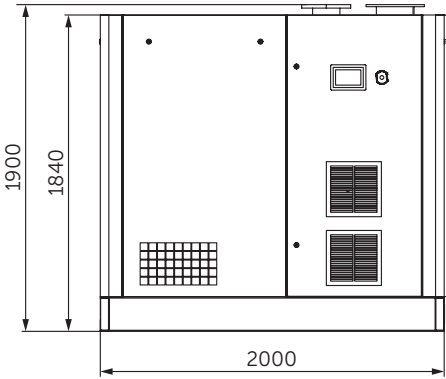
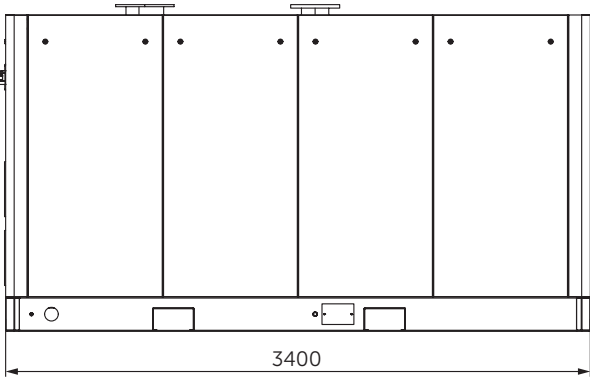
- 1 Vacuum connection (DN200)
- 2 Exhaust air connection (DN150)
- Dimensions in mm

	Nominal capacity	Vacuum absolute	Installed motor power	Emission sound pressure level	Weight	Oil capacity
	m ³ /h	mbar	kW	dB(A)	kg	l
EVS 3000	3052	0.3	45	67-80	3200	80
EVS 3900	3863	0.3	55	67-80	3200	80

- The performance test complies with the ISO 21360-2-2012 standard.
- 3~motors in 400V ±5% 50Hz IE5



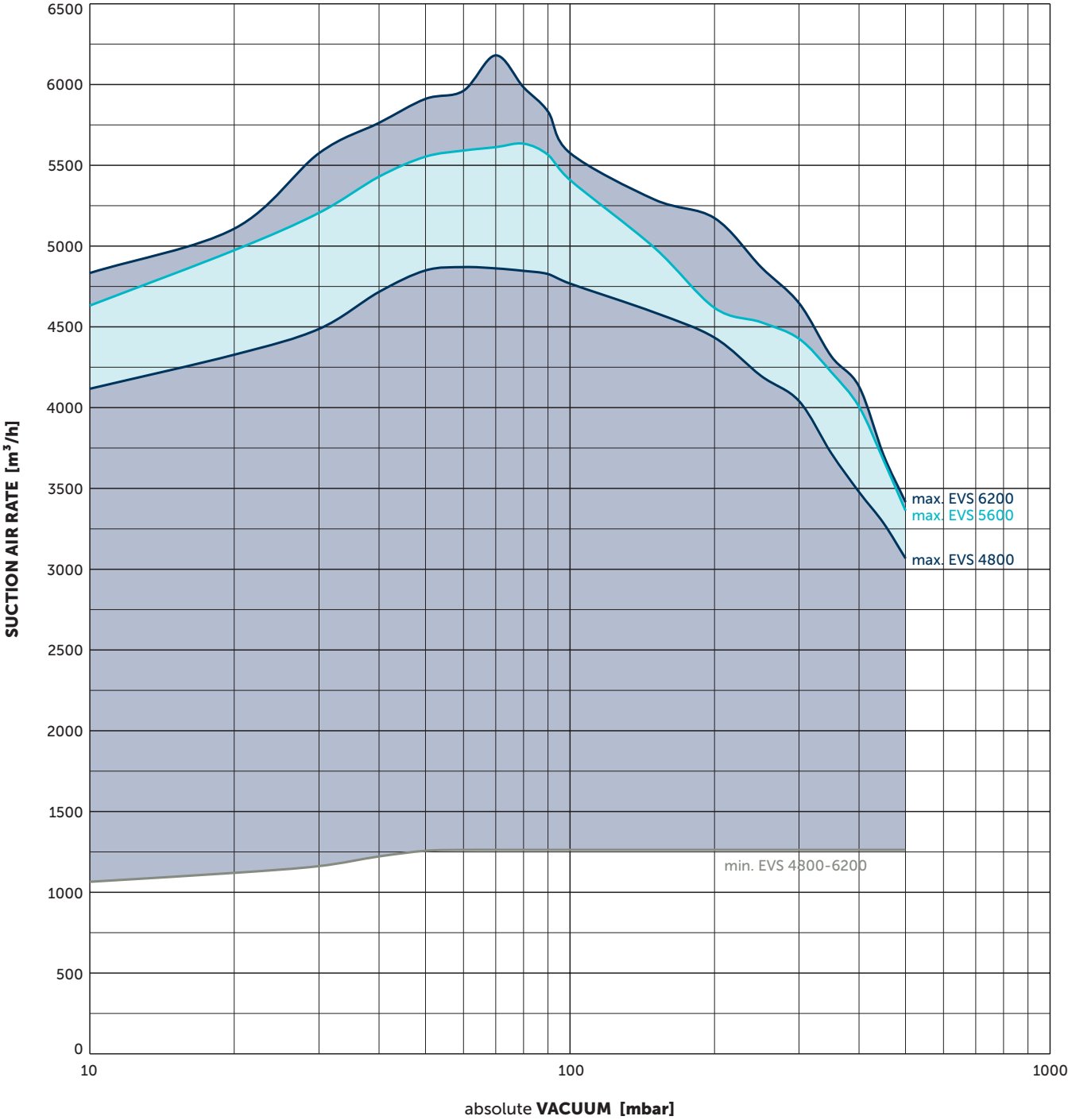
Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: $\pm 10\%$



- 1 Vacuum connection (DN200)
- 2 Exhaust air connection (DN150)
- Dimensions in mm

	Nominal capacity	Vacuum absolute	Installed motor power	Emission sound pressure level	Weight	Oil capacity
	m³/h	mbar	kW	dB(A)	kg	l
EVS 4800	4870	0.3	75	72-85	5500	100
EVS 5600	5632	0.3	90	72-85	5500	100
EVS 6200	6181	0.3	110	72-85	5500	100

▪ The performance test complies with the ISO 21360-2-2012 standard.
▪ 3~motors in 400V ±5% 50Hz IE4



Reference data (atmosphere): 1000 mbar, 20°C; Tolerance: ±10%