

DATA SHEET

DT 4.40 K

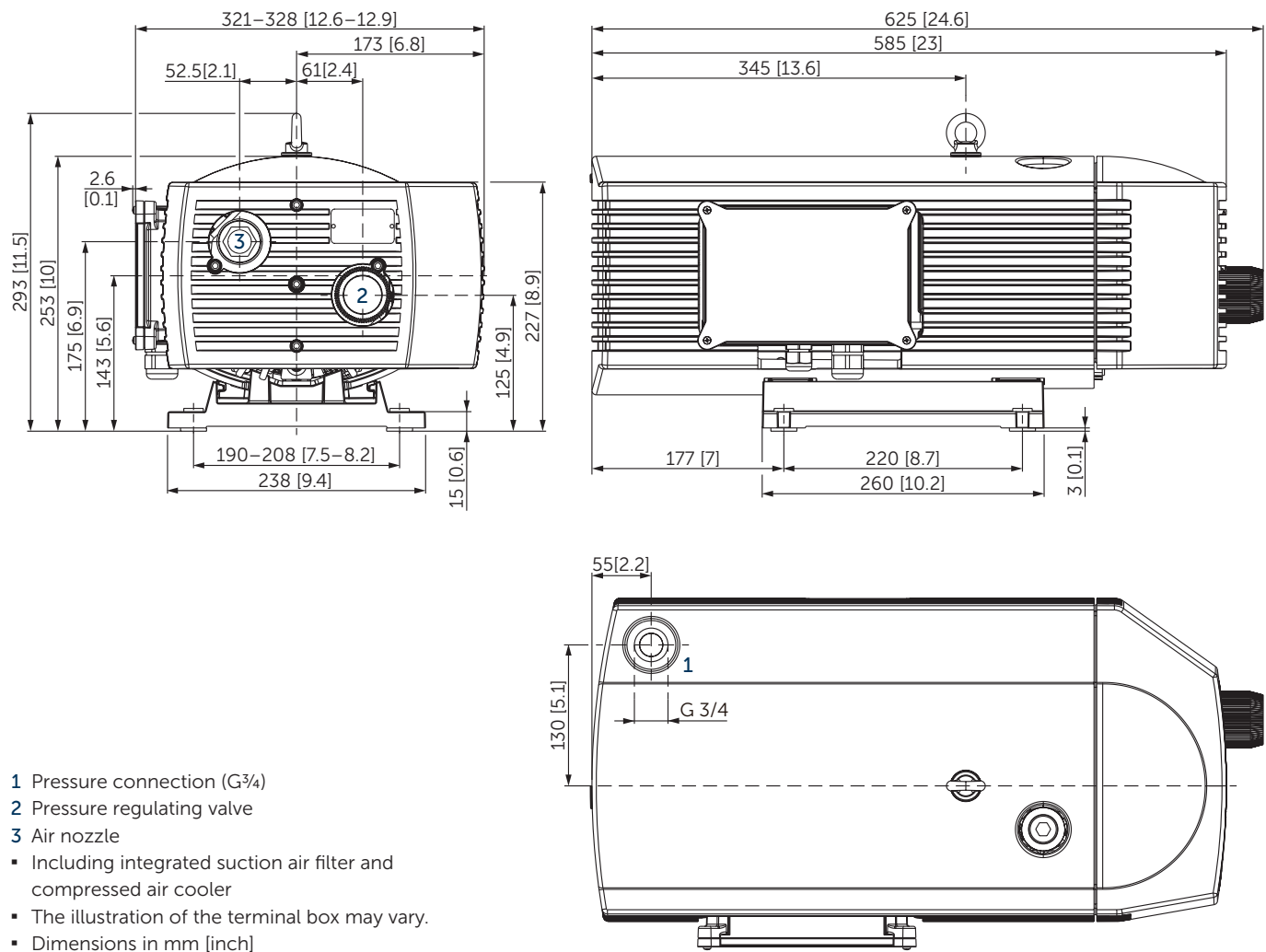
ROTARY VANE COMPRESSORS

oil-free

air-cooled

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Blast air rate		Pressure relative		Emission sound pressure level ¹⁾		Weight incl. motor ²⁾
m ³ /h		bar		dB(A)		kg
50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	
40	48	+1.0	+1.0	67	70	≈46–49

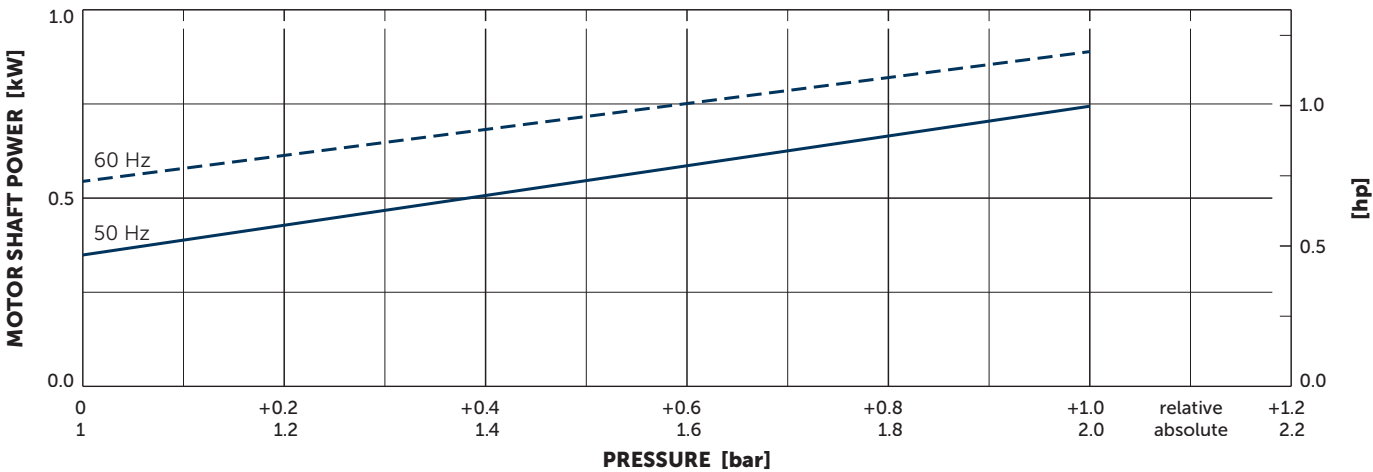
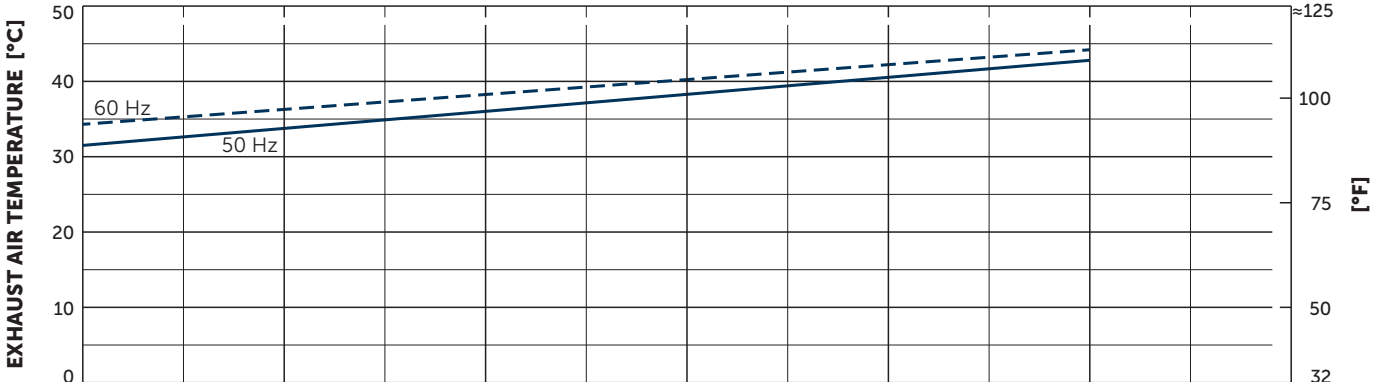
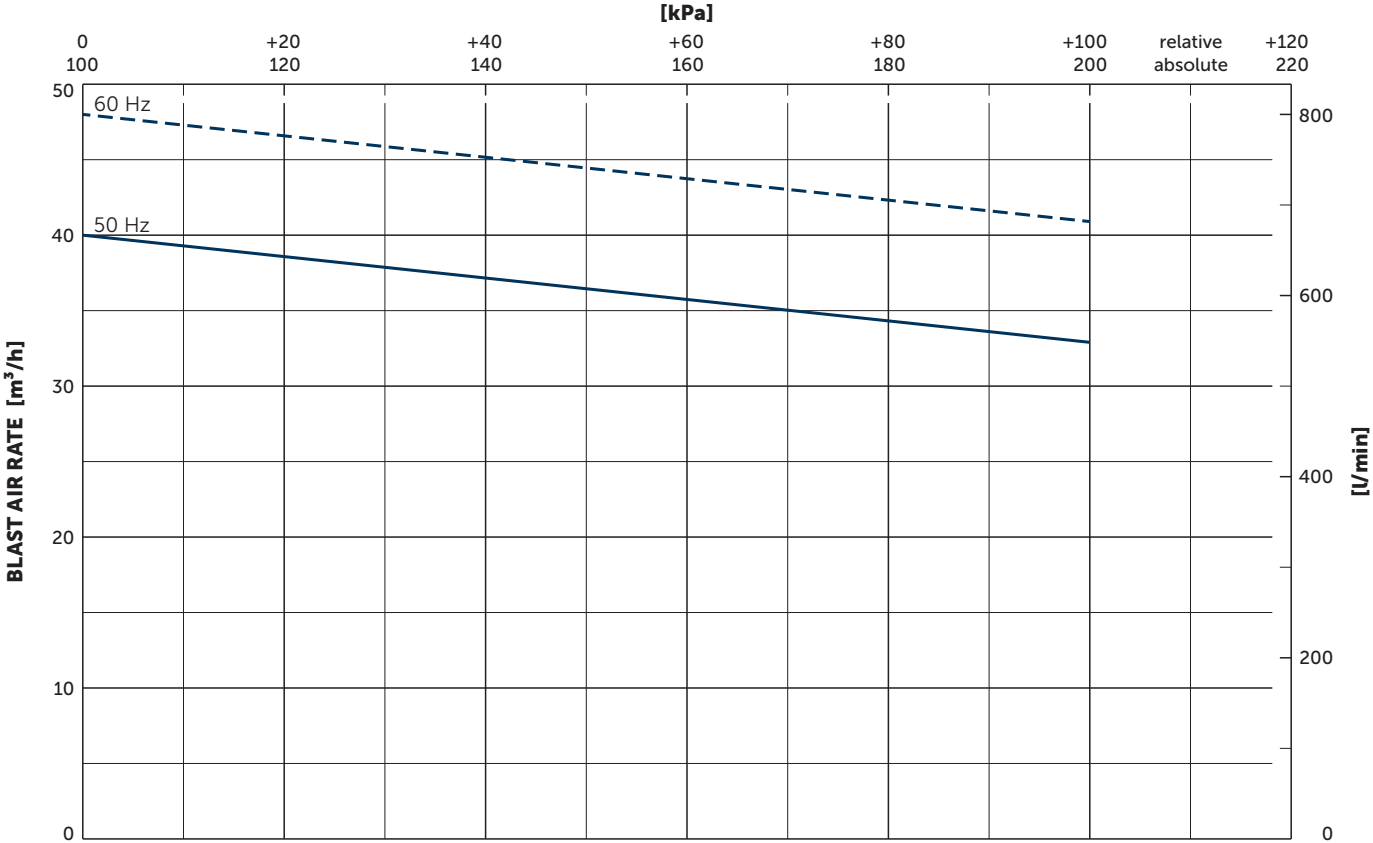
¹⁾ According to DIN EN ISO 3744 (KpA = 3 dB(A)), 1 m [39.4 inch] distance, at medium load, both connection sides piped

²⁾ Depending on the motor

3~ Motors											
#	50 Hz					60 Hz					Version
	kW	V		rpm	A	kW	V		rpm	A	
01	1.85	Y400	IE3	1465	4.0		YY230/Y460	IE3	1760	7.6/3.8	UL (E113150) • CC046A IP55 • ISO F PTO bimetal 150°C
						2.2	YY208	IE3	1750	8.3	
							Y400		1745	4.3	
02	1.85	190–255/ 330–440		1380	8.1–9.5/ 4.7–5.5	2.2	190–290/ 330–500		1660	10.0–8.5/ 5.8–4.9	IP54 • ISO F • bimetal

1~ Motor										
#	50 Hz					60 Hz				Version
	kW	V	rpm	A		kW	V	rpm	A	
01	1.7	230 $\pm$ 10%	1380	11.0						IP54 • ISO F • bimetal 30 μ F (400 V)
02						1.95	220 $\pm$ 10%	1640	11.5	UL IP54 • ISO F 40 μ F

- Current consumption and rotation speed may vary. Tolerance in each case -1.5/+2%



Reference data (atmosphere): 1000 mbar (100 kPa), 20°C (68°F)
Tolerance: ±5%
Air temperature: 5°C ... 45°C (41°F ... 135°F)

VARIANTS AND ACCESSORIES

- **DT 4.40/0-80** without compressed air cooler, maximum +0.5 bar, lower motor power and overall dimensions¹⁾
- With external suction filter¹⁾
- Sound proof box SH 19¹⁾



Example for an external suction filter



Sound proof box SH 19

¹⁾ See separate data sheet

- Possible combinations on request



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