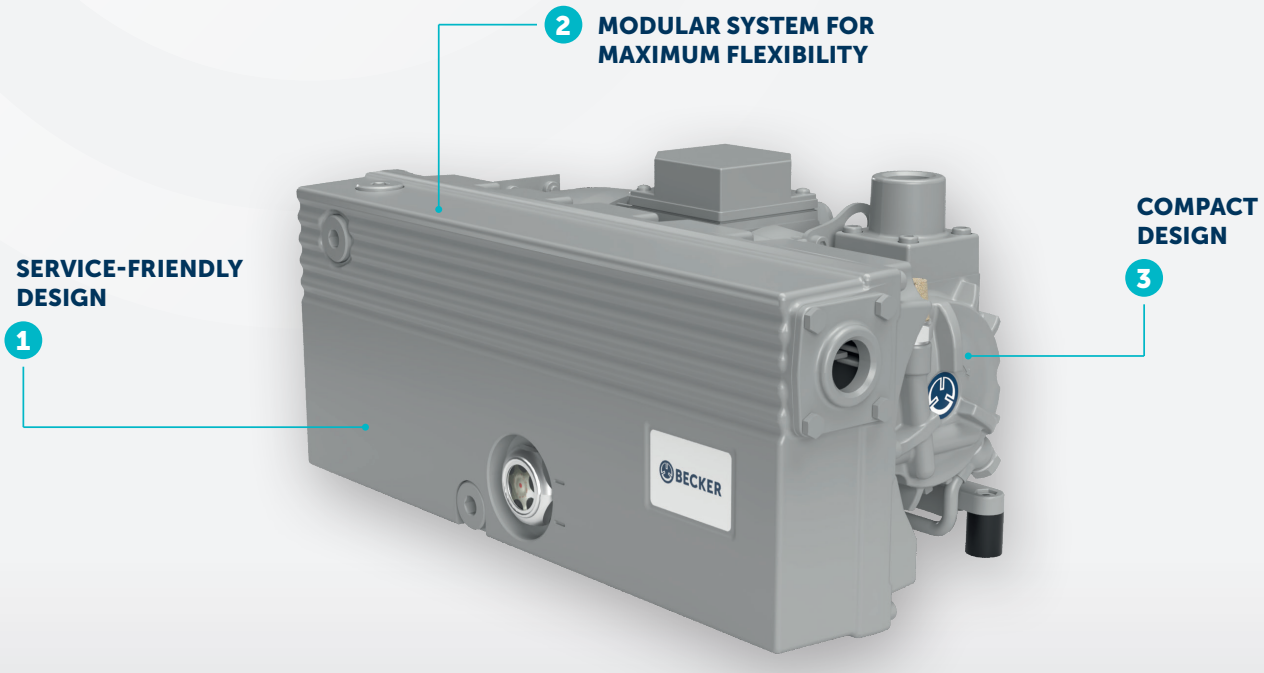
DATA SHEET

O 5.25 (XL K)

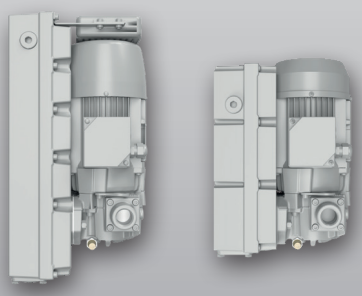
ROTARY VANE VACUUM PUMPS

oil-lubricated
air-cooled

MAKE IT BECKER.



1. A service-friendly design allows for easy on-site maintenance, reducing unplanned downtime.
2. The thoughtful design and wide range of accessories allow for customised solutions to meet specific requirements.
3. The direct use of the motor shaft as a rotor shaft results in a particularly compact design, saving space and resulting in simpler machine integration.

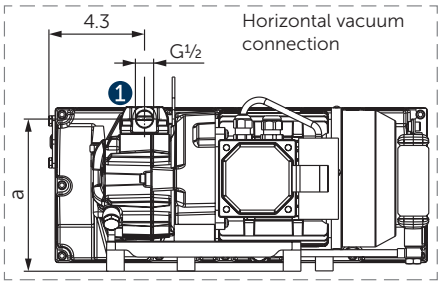


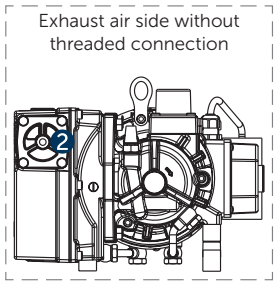
O 5.25 XL K

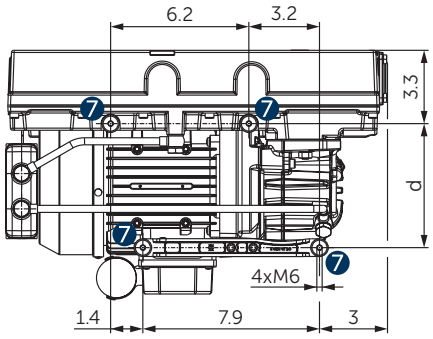
O 5.25

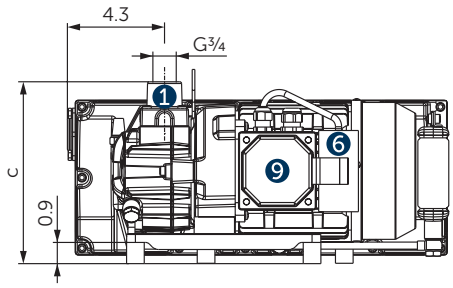
BECKER

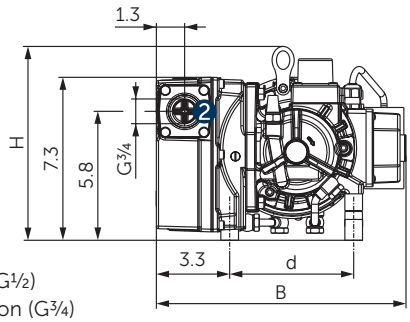
O 5.25 XL K WITH 0.26 US GAL. TANK AND OIL-AIR COOLER

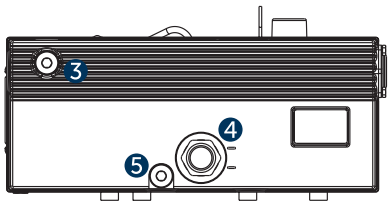




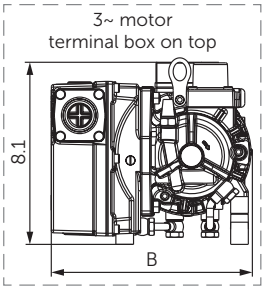


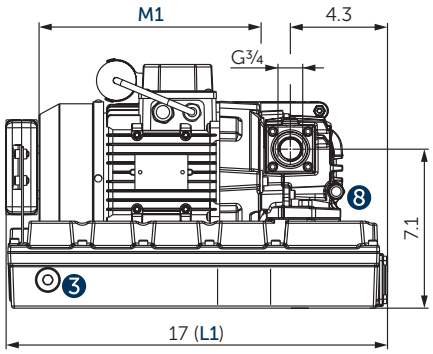






1 Vacuum connection vertical (G¾) or horizontal (G½)
2 Exhaust air side with or without threaded connection (G¾)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Capacitor for 1~ motors
7 Rubber buffer position
8 Optional gas ballast valve
9 1~ motors: terminal box on the lateral side
3~ motors: terminal box on top
L Overall device length L1 with motor. L1 and M1 are variable, see motor specification sheet.
- Non-return valve and oil separator are integrated
- The motor illustration may vary
- Dimensions in inch

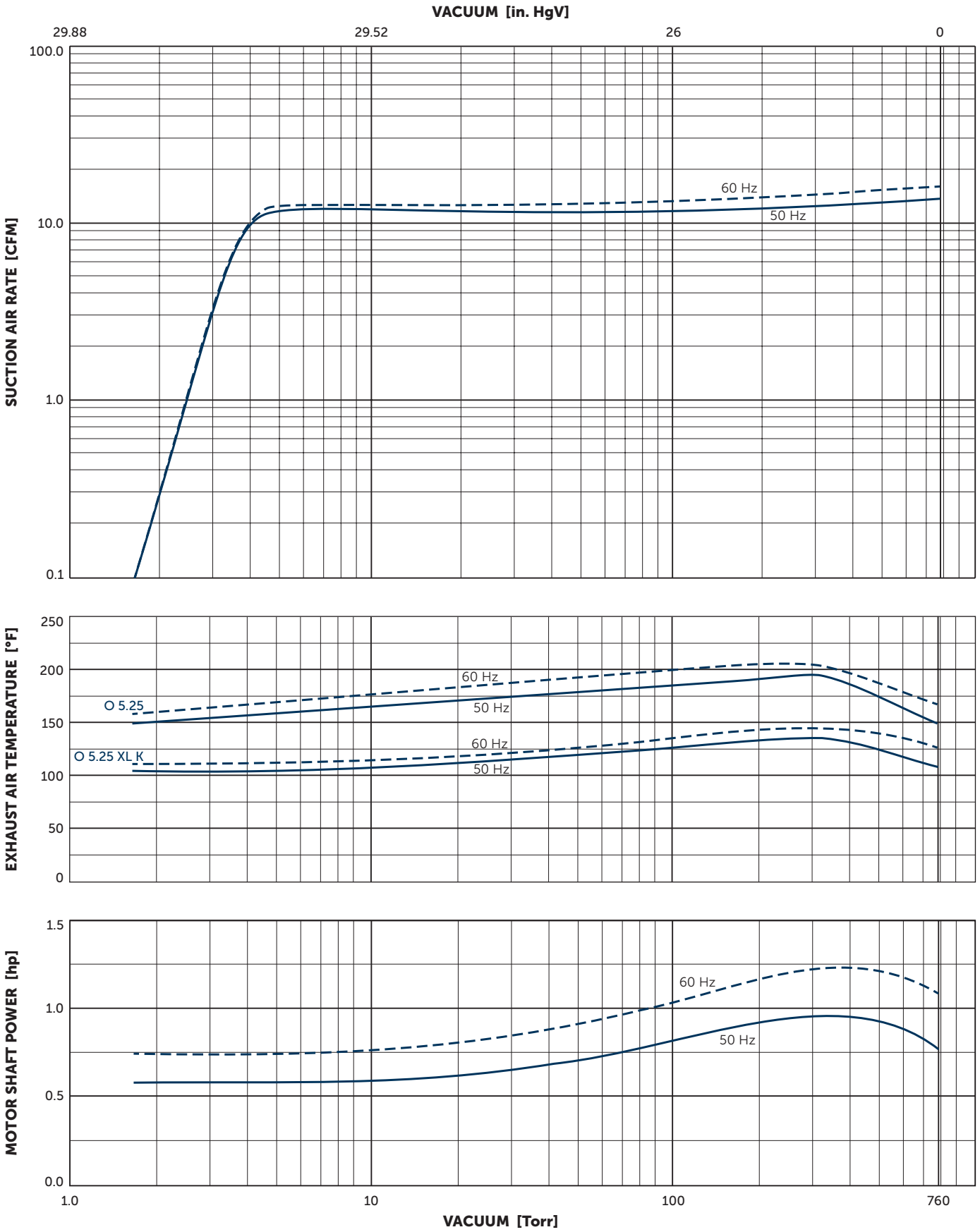




Motor	a	B	c	d	H
1~	6.73	11.1	8.11	5.5	8.6
3~	6.67	9	8.05	5.1	8.3

	Nominal capacity		Vacuum		Installed motor power		Emission sound pressure level [1]		Weight incl. motor	Oil tank
	CFM		Torr		hp		dB(A)		lbs	US gal.
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		
O 5.25 XL K	15.3	17.6	1.5	1.5	1.0	1.2	63	63	≈54.0	≈0.26 (1.0 litre)
O 5.25	15.3	17.6	1.5	1.5	1.0	1.2	63	66	≈48.5	≈0.13 (0.5 litre)

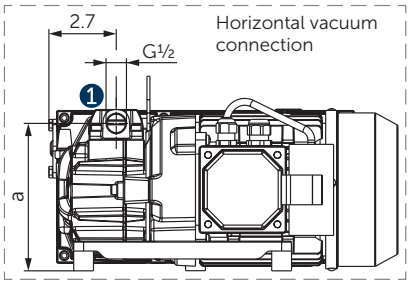
[1] According to DIN EN ISO 11203, accuracy class of measurement: class 2, extended measurement uncertainty: 3 dB
39.4 inch distance, at medium load, vacuum connection piped, exhaust side open
- Reference data (atmosphere): 750 Torr, 68°F; tolerance: ±10%

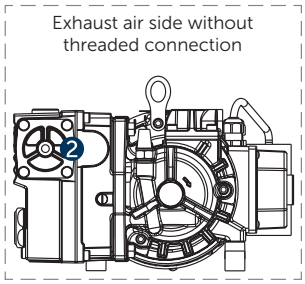


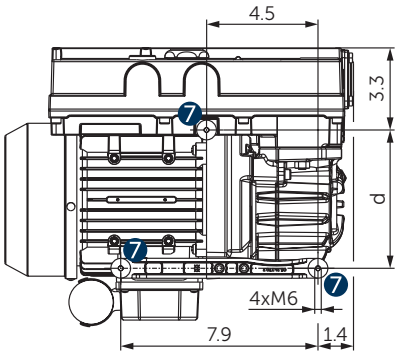
Suction air rate refers to the intake pressure
Reference data (atmosphere): 750 Torr, 68°F; Tolerance: ±10%

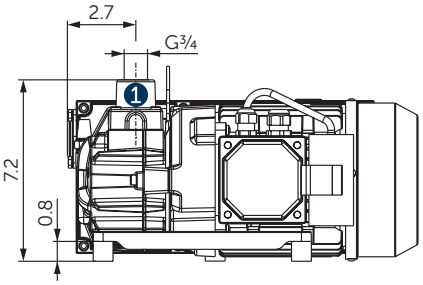
VARIANTS AND ACCESSORIES

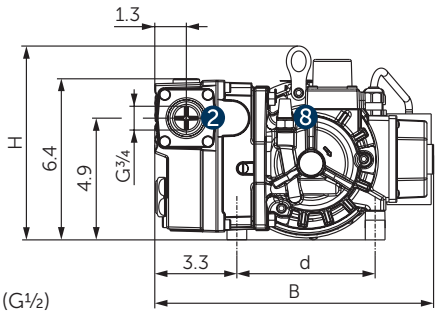
O 5.25 WITH 0.13 US GAL. TANK

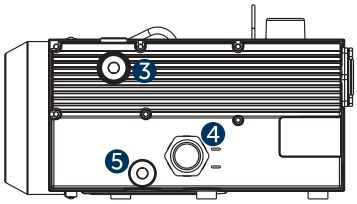






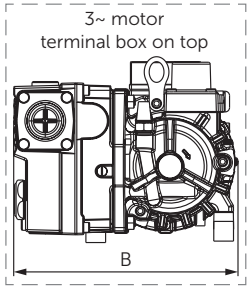


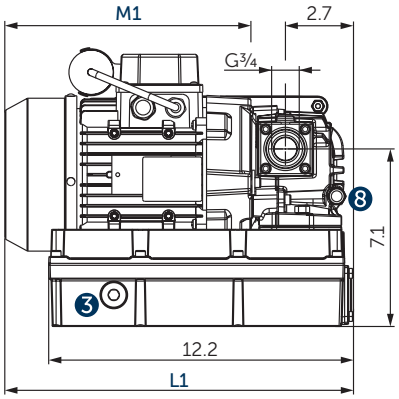




1 Vacuum connection vertical (G¾) or horizontal (G½)
2 Exhaust air side with or without threaded connection (G¾)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Capacitor for 1~ motors
7 Rubber buffer position
8 Optional gas ballast valve
9 1~ motors: terminal box on the lateral side
3~ motors: terminal box on top
L Overall device length L1 with motor. L1 and M1 are variable, see motor specification sheet.

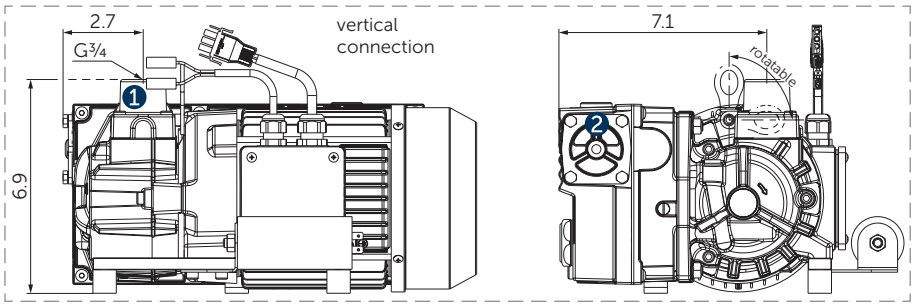
- Non-return valve and oil separator are integrated
- The motor illustration may vary
- Dimensions in inch

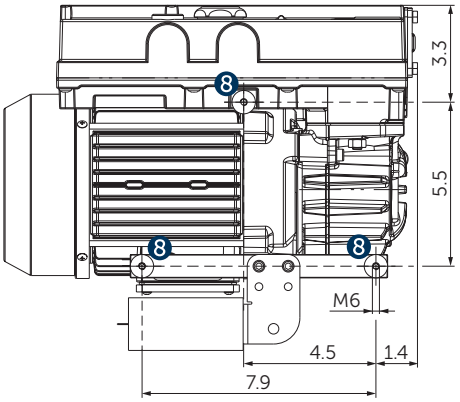


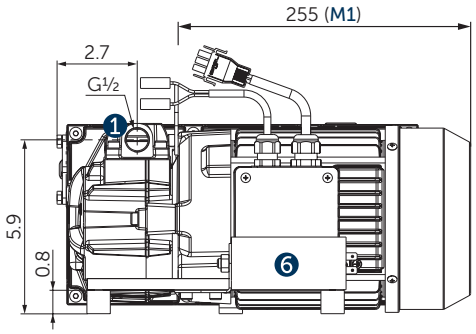


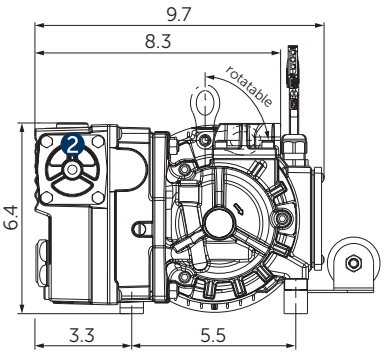
Motor	a	B	d	H	L
1~	5.9	11.1	5.5	7.7	13.9
3~	5.8	9	5.1	7.4	12.6

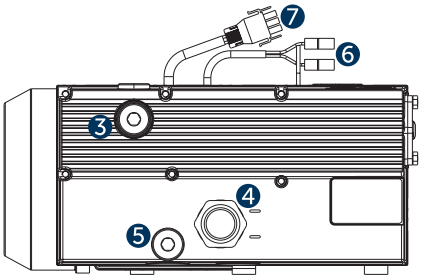
O 5.25 WITH 0.13 US GAL. TANK AND MATE-N-LOK POWER CONNECTION



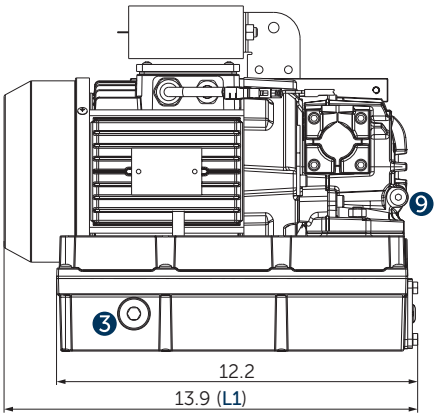








1 Vacuum connection horizontal (G½) or vertical (G¾)
2 Exhaust air (optional G¾)
3 Oil filler cap
4 Oil sight glas
5 Screw plug for oil drain
6 Capacitor, connection Faston F 6.3 (not mounted, bracket on request)
7 Power connection (Mate-N-Lok)
8 Rubber buffer position
9 Connection for optional gas ballast valve
L Overall device length **L1**, see motor specification sheet.
- Non-return valve and oil separator are integrated
- The motor illustration may vary
- Dimensions in inch



ACCESSORIES

- Gas ballast valve
  - Version for small amounts of moisture, vacuum <3 mbar
  - Version for higher amounts of moisture, vacuum <20 mbar

- Oil **Becker Lube** [1)]
  - **M 68** mineral / **S 68** synthetic / **SL 68** food (food packaging) / **SM 68** food (food processing)
  - **M 32** mineral / **S 32** synthetic / **SL 32** food (food packaging) / **SM 32** food (food processing)

- Level sensor (oil level switch) [2)]
  - **ST 628-0-22** (for 0.5 litre oil tank)
  - **ST 628-0-23** (for 1.0 litre oil tank)



[1)] See operating instructions
[2)] Only for vertical installation

Right of modification reserved 2025-09-17

MAKE IT BECKER.

MOTOR
SPECIFICATIONS

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www.becker-international-shop.com

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