

English

TECHNICAL PRODUCT INFORMATION

ISSUED 20 OCTOBER 2025 BY LB

Jets[®] 609262 / Q-20695-25
Impexron GmbH
Petrobras 69

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Product Specification

031002501 Motor



The precision engineered industrial motor is designed to provide optimal performance and reliability over an extended lifetime.

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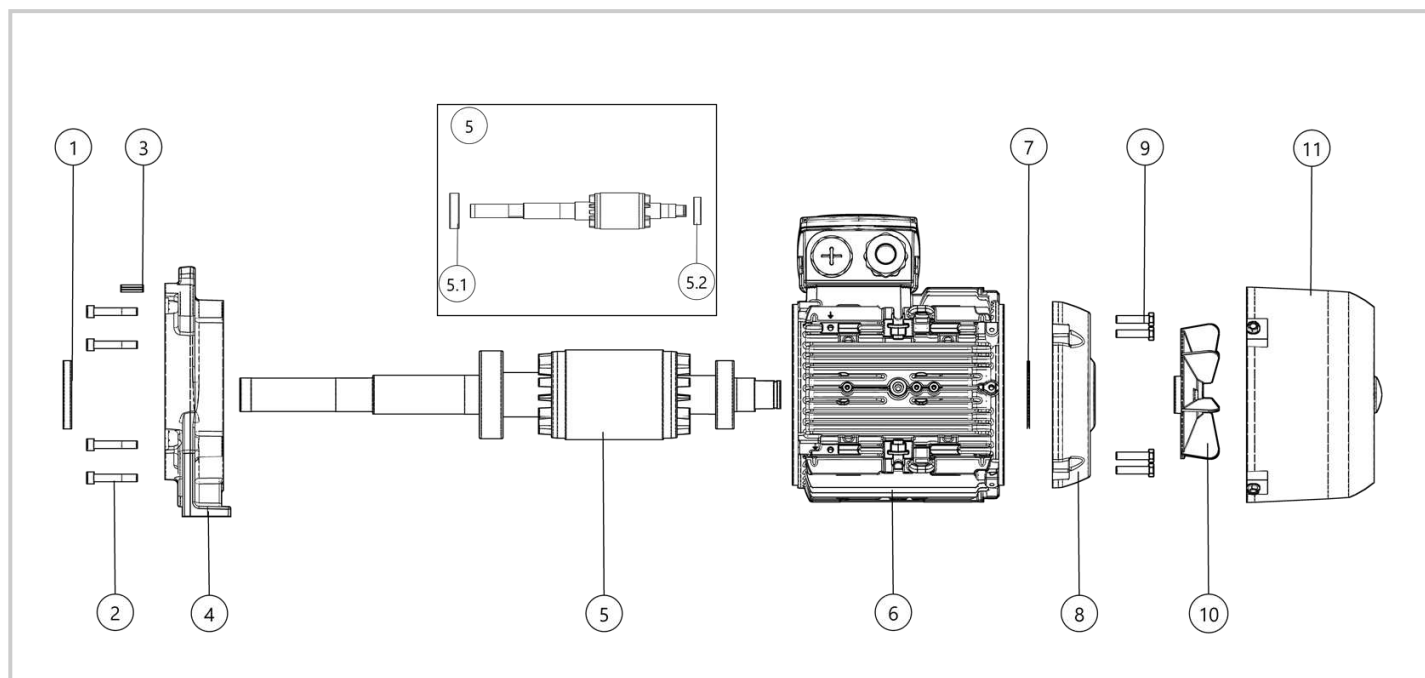
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Technical Data

Mark.....	M100-01
Motor Type.....	1TZ9 C 100L-2
Number of Poles.....	2 Poles
Protection Class.....	IP 55
Insulation Class.....	155(F) to 130(B)
Duty.....	S1-100%
Outside Dimensions.....	545 x 198 x 278 mm (LxWxH)
Generic Material.....	Cast Iron
Ambient Temperature Range.....	+20 °C - 55 °C
Humidity.....	Class F / 95%
Coating.....	Standard paint finish C2
Color Specification.....	RAL 7030
Net Weight.....	34.50 kg

Operating Data

Frequency.....	50 // 60 Hz
Power Output.....	3.0 // 3.45 kW
Speed.....	CCW 2835 // 3435 rpm
Voltage.....	Y380-420/Δ220-240 // Y440-480 V
Nominal Current.....	6.1/10.7 // 5.8 A
Power Factor.....	0.87 // 0.88 cos φ
Efficiency.....	81.5 // 84.5%
Suitability - Jets®.....	200025001 JETS 25MBA



Components

1	Sealing Ring	037260700*
2	Screw, M6x40	036503400*
3	Split Sleeve, Ø5x20mm	020207800*
4	Motor Flange	031150252*
5	Shaft with Rotor and Ball Bearing	023280102*
6	Stator	031000304*
@ Stator @ 50 // 60 Hz @ Y380-420/Δ220-240 // Y440-480 V		
7	Spacer Sleeve	036291510*
8	End Cover	031261031*
9	Screw, M6x30	036312728*
10	Fan	031261111*
11	Fan Cover	031261041*

Additional Components

5.1	Ball Bearing	038223700
5.2	Ball Bearing	038213500

* Component/s available as replacement parts.



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