
Motor Specification Sheet (As per Nameplates)

1 ATB SEVER Motor

Parameter	Details
Make	ATB SEVER
Type	3-Phase Motor
Model	POKT 315 M-4
Serial No.	573195001-001/18
Power	270 kW
Voltage	440 V (Δ)
Frequency	60 Hz
Current	415 A
Speed	1780 rpm
Power Factor	0.89
Duty	S6 (ED 40%)
Insulation Class	F
Protection	IP23
Mounting	IM B3
Bearings	6319 C3 / 6319 C3
Lubrication Interval 5200 hrs	
Grease Type	LGMT-3
Weight	940 kg
Standard	EN 60034
Country	Serbia

2 ABB Motor – Large Frame

Parameter	Details
Make	ABB
Type	3-Phase Induction Motor
Frame	M3BP
Voltage	440 V (Δ)
Frequency	60 Hz
Power	127 kW
Speed	≈1800 rpm
Power Factor	0.83
Duty	S1
Insulation Class	F
Protection	IP55
Bearings	6319/C3 – 6316/C3
Max Speed	2300 rpm
Weight	1150 kg
Standard	IEC 60034-1

Baldor 125HP

Parameter	Details
Make	Baldor Electric
Type	Industrial Motor (TEFC)
Phase	3 Phase
Voltage	460 V
Frequency	60 Hz
Speed	1780 rpm
Insulation Class	F
Design	B

Parameter	Details
Service Factor	1.15
Power Factor	0.86
Frame	444TSC
Bearings	DE: 6319 / ODE: 6314
Ambient Temp	40°C
Rating	40°C Ambient – Continuous

 CEMP Flameproof Motor

Parameter	Details
Make	CEMP
Type	Flameproof Motor
Certification	ATEX – II2G
Protection	Ex db eb IIB T4
Voltage	440 V Δ / 760 V Y
Frequency	60 Hz
Current	59.5 A (Δ) / 34.35 A (Y)
Speed	1780 rpm
Power	37 kW
Power Factor	0.89
Insulation Class	F
Cooling	IC411
Protection	IP55
Ambient	-20°C to +60°C
Duty	S1
Weight	380 kg

5 ABB IE2 Motor

Parameter	Details
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Make	ABB
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Efficiency Class	IE2
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Model	M3AA 180 MLA 6
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Voltage	440 V
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Frequency	60 Hz
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Power	16 kW
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Speed	1176 rpm
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Current	29.3 A
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Power Factor	0.79
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Duty	S1
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Insulation Class	F
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Protection	IP55
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Bearings	6310-ZZ / 6209-ZZ/C3
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Weight	163 kg
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Year	2019
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Standard	IEC 60034-1
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362HP -1 No , 170HP-1 No , 125HP-1 No , 50HP-1No , 21HP -6 Nos = Total -10 Nos