## DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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## Customer

			or Motor Standard Three-Phase			
Frame		: 90L/MS		Locked rotor time	: 10s (cold) 6	is (hot)
Output		: 10 HP (7	.5 kW)	Temperature rise	: 80 K	. ,
Poles		:4		Duty cycle	: S1	
Frequency		: 60 Hz		Ambient temperature	: -20°C to +4	
Rated voltage		: 208-230/		Altitude	: 1000 m.a.s.	.l.
Rated current		: 32.5-29.4		Protection degree	: IP54	
L. R. Amperes		: 276-250/	125 A	Cooling method	: IC411 - TEF	-C
LRC		: 8.5	0 4 0 4	Mounting Rotation <sup>1</sup>	: B3R(D) : CW	
No load current Rated speed		: 18.0-16.3/8.13 A : 1715 rpm		Noise level <sup>2</sup>	: 55.0 dB(A)	
Slip		: 4.72 %		Starting method	: Direct On Li	ine
Rated torque		: 4.23 kgfm		Approx. weight <sup>3</sup>	: 82.5 kg	
Locked rotor torque		: 459 %			0	
Breakdown torque		: 450 %				
Insulation class		: F				
Service factor		: 1.15				
Moment of inert	ia (J)	: 0.0168 k	gm²			
Design		: N				
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	84.5	85.5	85.5	Max. traction	: 434 kgf	
Power Factor	0.54	0.67	0.75	Max. compression	: 517 kgf	
		Drive end		Non drive en		
Bearing type		: 6308 ZZ		6208 ZZ		
Sealing	. :	Wit	hout Bearing Seal	Without Bearing	g Seal	
Lubrication into	rval ·		-	-		
Lubrication inter						
Lubricant amou			- Mol	- hil Polyrey FM		
Lubricant amou Lubricant type			- Mol	- bil Polyrex EM		
Lubricant amou Lubricant type Notes This revision rep must be eliminat (1) Looking the r	nt :	shaft end.	ious one, which	- bil Polyrex EM These are average value power supply, subject to t MG-1.		
Lubricant amou Lubricant type Notes This revision rep must be eliminat	nt :	shaft end. lerance of - to changes	ious one, which +3dB(A).	These are average value power supply, subject to the supply.		
Lubricant amou Lubricant type Notes This revision rep must be eliminat (1) Looking the r (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu Rev.	nt :	shaft end. lerance of - to changes	ious one, which +3dB(A). s after	These are average value power supply, subject to t MG-1.	the tolerances stipul	ated in NEMA
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Subject to change without notice

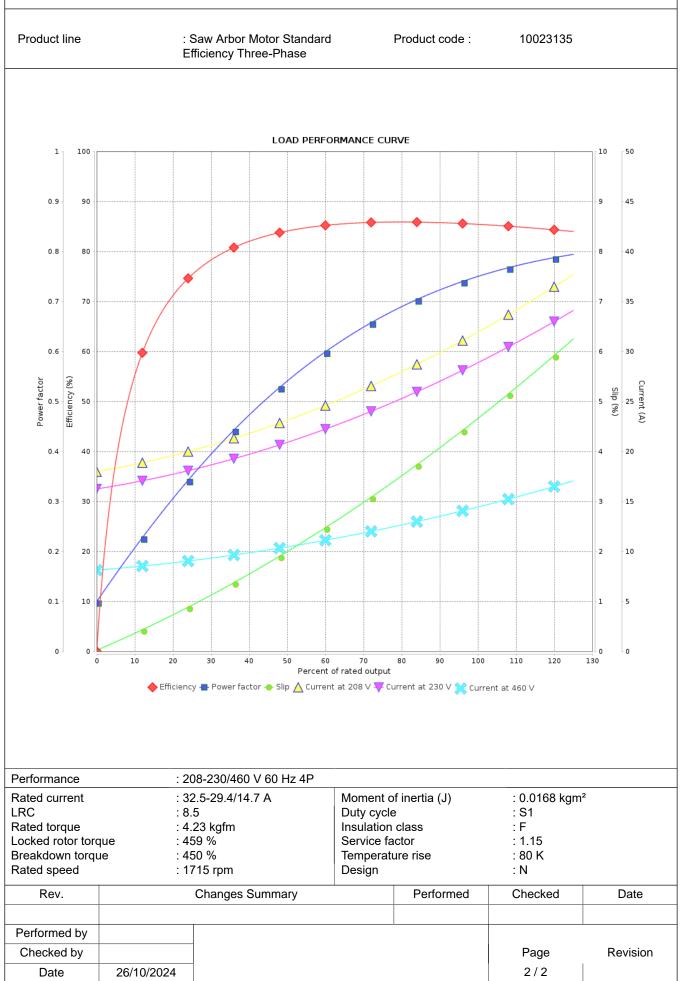
## LOAD PERFORMANCE CURVE

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Customer



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