

Single Phase Induction Motor - Squirrel Cage



Product code : 19131493

Frame	: 182/4T	Locked rotor time	: 18s (cold) 10s (hot)
Output	: 1.5 HP (1.1 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 115/208-230 V	Ambient temperature	: -20°C to +40°C
Poles	: 6	Altitude	: 1000 m.a.s.l.
Rated current	: 17.8/8.50-8.91 A	Protection degree	: IP55
	: 5.7x(Code J)	Cooling method	: IC411 - TEFC
Rated speed	: 1185 rpm	Mounting	: F-1
Rated torque	: 0.919 kgfm	Rotation ¹	: Both (CW and CCW)
Insulation class	: F	Noise level ²	: 60.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0237 kgm ²	Approx. weight ³	: 60.0 kg

Output	50%	75%	100%	Foundation loads	
Efficiency (%)	59.5	68.0	72.5	Max. traction	: 37 kgf
Power Factor	0.59	0.68	0.74	Max. compression	: 86 kgf

		<u>Drive end</u>	<u>Non drive end</u>
Bearing type	:	6207 ZZ	6206 ZZ
Sealing	:	V'Ring	V'Ring
Lubrication interval	:	-	-
Lubricant amount	:	-	-
Lubricant type	:	00088	

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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LOAD PERFORMANCE CURVE

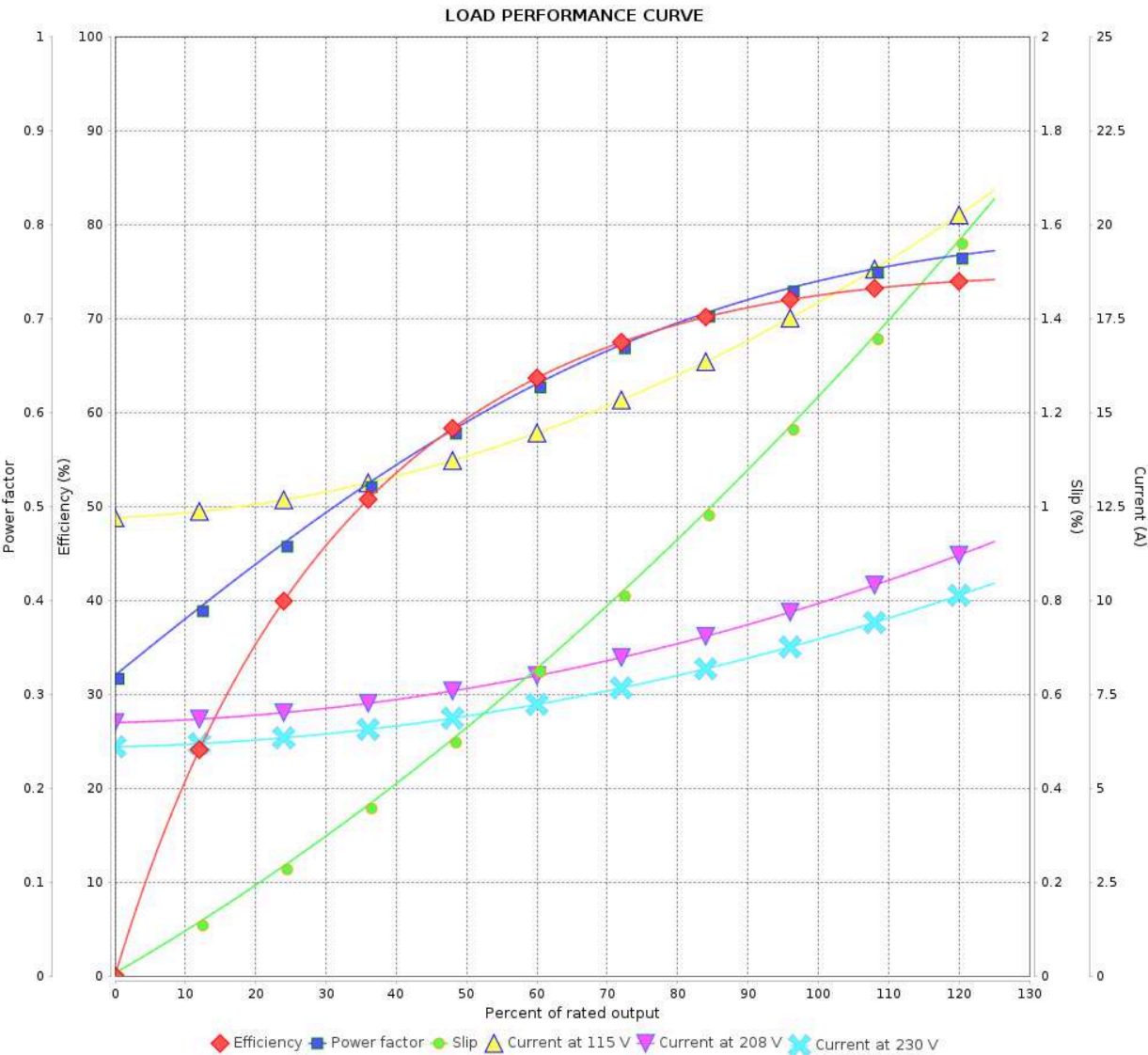
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Customer :

Product line : W22 Single-Phase

Product code : 19131493



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