DATA SHEET

Three Phase Induction Motor - Squirrel Cage

Customer :

Product line : ODP High Efficiency Three-Phase Product code : 11996557

Frame	: 254TC	Locked rotor time	: 30s (cold) 17s (hot)
Output	: 15 HP (11 kW)	Temperature rise	: 80 K
Frequency	: 60 Hz	Duty cycle	: Cont.(S1)
Rated voltage	: 575 V	Ambient temperature	: -20°C to +40°C
Poles	: 4	Altitude	: 1000 m.a.s.l.
Rated current	: 15.0 A	Protection degree	: IP23
	: 6.0x(Code G)	Cooling method	: IC01 - ODP
Rated speed	: 1765 rpm	Mounting	: F-1
Rated torque	: 6.17 kgfm	Rotation[1]	: Both (CW and CCW)
Insulation class	: F	Noise level[2]	: 59.0 dB(A)
Service factor	: 1.15	Starting method	: Direct On Line
Moment of inertia (J)	: 0.0652 kgm²	Approx. weight[3]	: 100 kg
Design	: B		

Output	50%	75%	100%
Efficiency (%)	89.5	91.0	91.0
Power Factor	0.63	0.75	0.81

Foundation loads

Max. traction	: 194 kgf
Max. compression	: 290 kgf

		Drive end	Non drive end
Bearing type	:	6309 Z C3	6209 Z C3
Sealing	:	Without Bearing Seal	Without Bearing Seal
Lubrication interval	:	20000 h	20000 h
Lubricant amount	:	13 g	9 g
Lubricant type	:	Mobil Polyrex EM	

Notes

This revision replaces and cancel the previous one, which must be eliminated.
(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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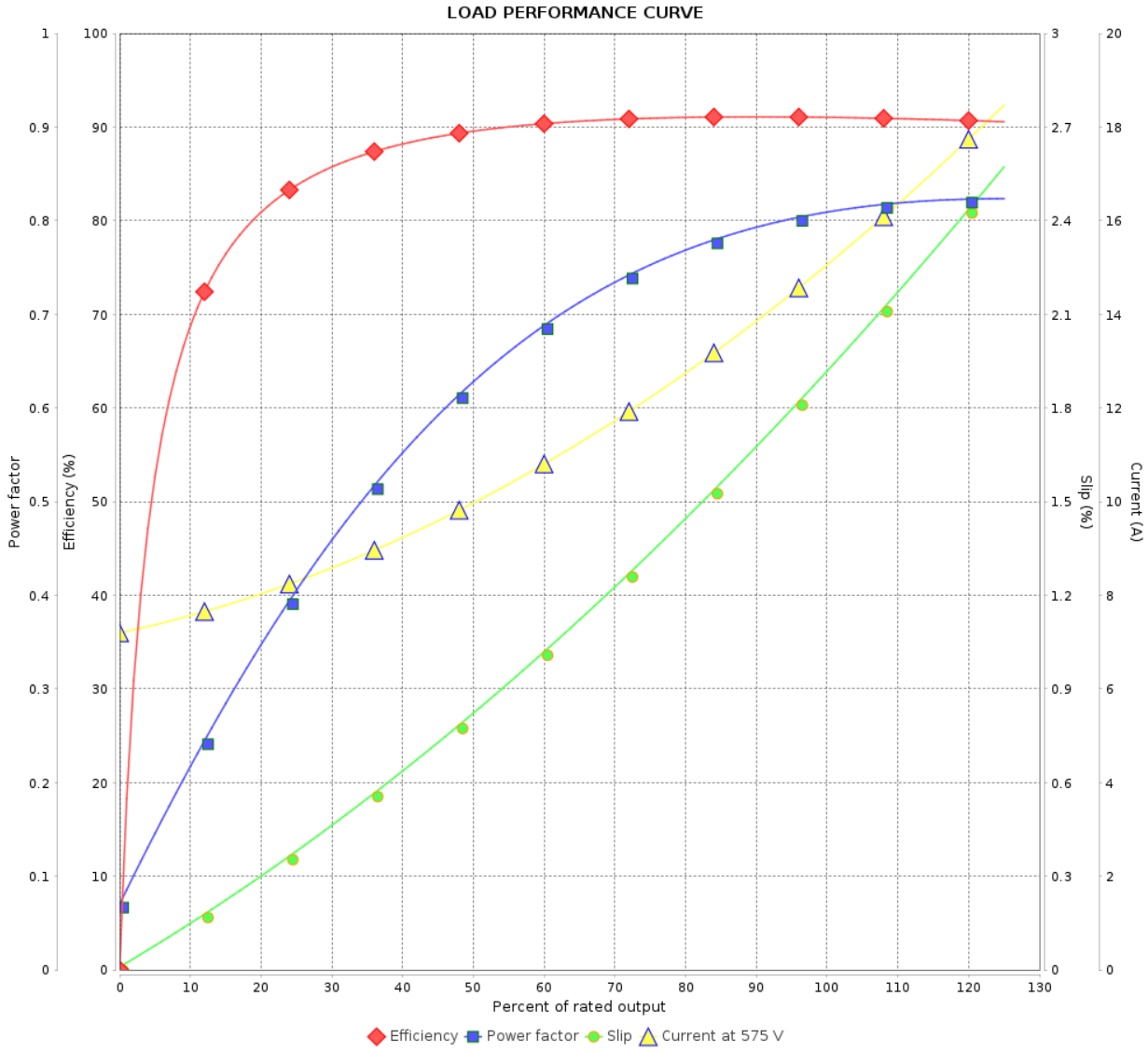

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