## **DATA SHEET**

## Single Phase Induction Motor - Squirrel Cage



Customer	:				
Product line		: Explosion Proof Single-Pha		se Product code :	10741532
Froduct line  Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J)		: D56EX : 0.75 HP : 4 : 60 Hz : 115/208- : 11.0/5.40 : 70.4/34.6 : 6.4x(Coo : 8.40/3.62 : 1760 rpn : 2.22 % : 0.309 kg : 320 % : 300 % : B : 1.15 : 0.0053 k	0-5.50 A 6-35.2 A Ie M) 2-4.20 A n	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 10s (cold) 6s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP44 : IC411 - TEFC : F-1 : Both (CW and CCW) : 50.0 dB(A) : Direct On Line : 19.1 kg
Output	50%	75%	100%	Foundation loads	
Efficiency (%) Power Factor	57.0 0.42	65.0 0.53	71.5 0.61	Max. traction Max. compression	: 20 kgf : 39 kgf
Bearing type Sealing Lubrication interval Lubricant amount Lubricant type		: : Wi :	Drive end 6203 ZZ thout Bearing Seal - - -	Non drive end 6203 ZZ Without Bearing - - bil 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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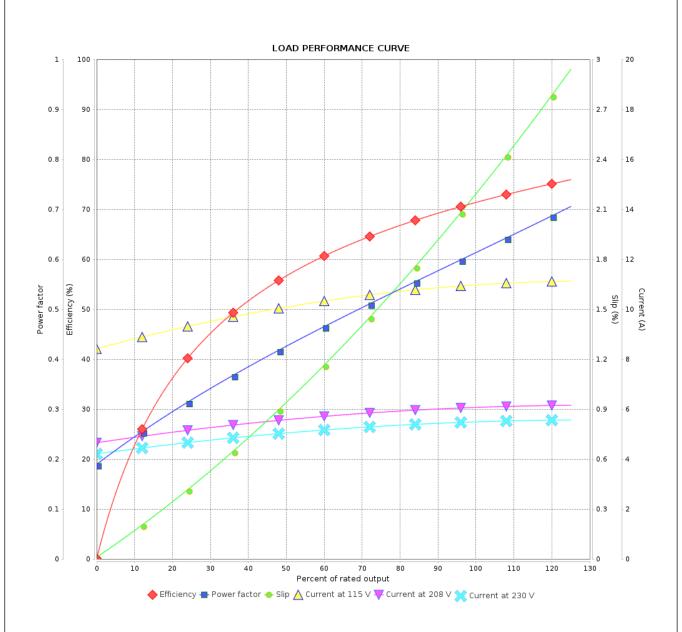
## LOAD PERFORMANCE CURVE

## Single Phase Induction Motor - Squirrel Cage



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Customer	
Customer	

Product line : Explosion Proof Single-Phase Product code : 10741532



Performance		: 115/208-230 V 60 Hz 4P				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	•	: 11.0/5.40-5.50 A : 6.4 : 0.309 kgfm : 320 % : 300 % : 1760 rpm	Moment of Duty cycle Insulation Service fa Temperat	class ctor	: 0.0053 kgm : Cont.(S1) : B : : 80 K	2
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