

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :				
Product line : Three-Phase	Product code : 13728662			
Frame : 56H Insulation class : F Duty cycle : Cont.(S1) Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Design : B	Cooling method : IC411 - TEFC Mounting : F-1 Rotation ¹ : Both (CW and CCW) Starting method : Direct On Line Approx. weight ³ : 19.1 kg Moment of inertia (J) : 0.0055 kgm ²			
Output [HP]	2			
Poles	4			
Frequency [Hz]	60			
Rated voltage [V]	230/460			
Rated current [A]	5.44/2.72			
L. R. Amperes [A]	44.6/22.3			
LRC [A]	8.2x(Code K)			
No load current [A]	2.80/1.40			
Rated speed [RPM]	1745			
Slip [%]	3.06			
Rated torque [kgfm]	0.832			
Locked rotor torque [%]	270			
Breakdown torque [%]	300			
Service factor	1.15			
Temperature rise	80 K			
Locked rotor time	27s (cold) 15s (hot)			
Noise level ²	52.0 dB(A)			
Efficiency (%)	25%			
	50%			
	75%			
	100%			
Power Factor	25%			
	50%			
	75%			
	100%			
Bearing type : Drive end 6204 ZZ Non drive end 6202 ZZ Sealing : V'Ring V'Ring Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM	Foundation loads Max. traction : 88 kgf Max. compression : 107 kgf			
Notes USABLE @208V 6.02A SF 1.00 SFA 6.02A				
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.			
Rev.	Changes Summary	Performed	Checked	Date
Performed by				
Checked by			Page	Revision
Date	11/05/2022		1 / 4	

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Three Phase Induction Motor - Squirrel Cage

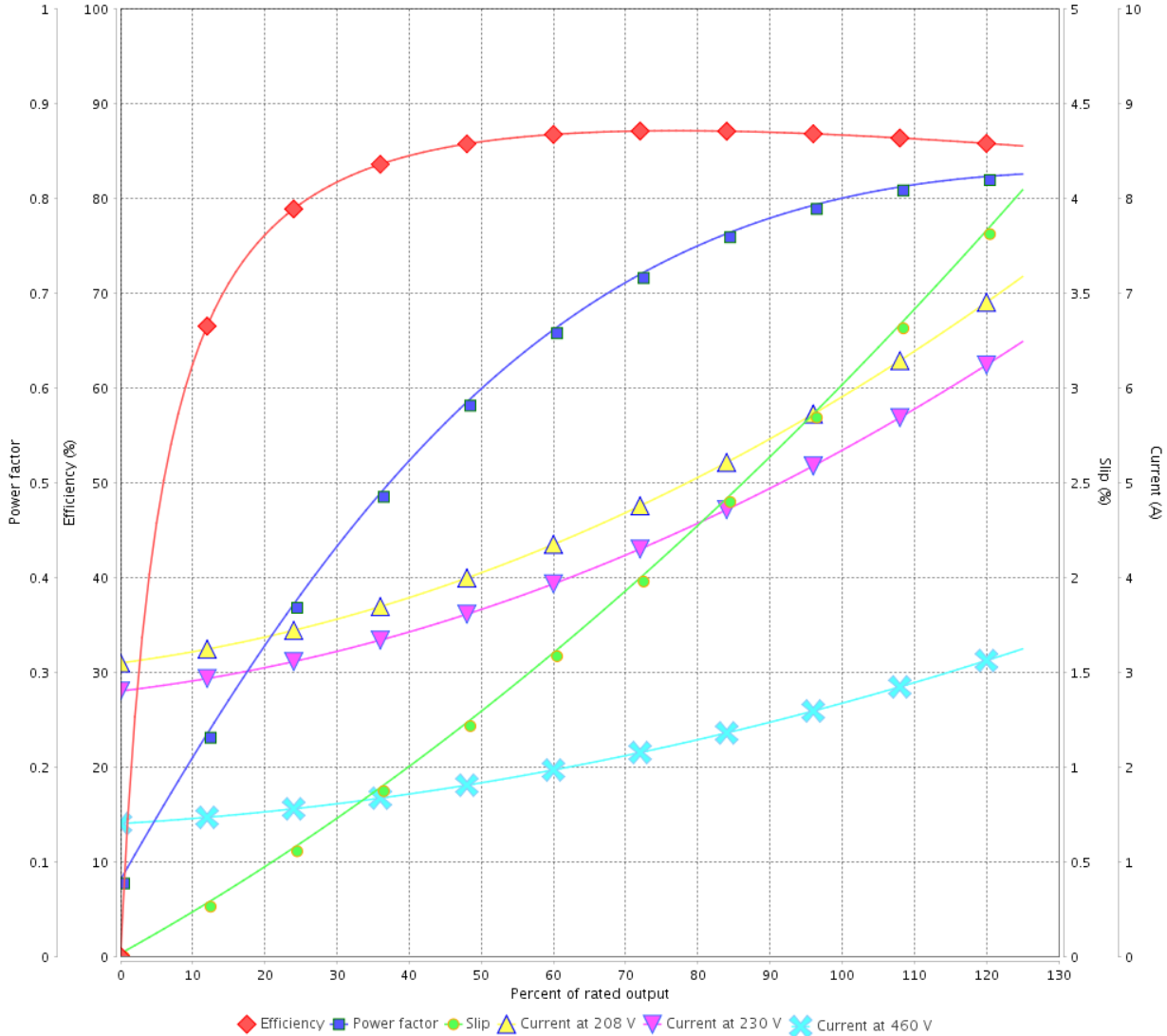


Customer :

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Performance : 230/460 V 60 Hz 4P

Rated current : 5.44/2.72 A
 LRC : 8.2
 Rated torque : 0.832 kgfm
 Locked rotor torque : 270 %
 Breakdown torque : 300 %
 Rated speed : 1745 rpm

Moment of inertia (J) : 0.0055 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor :
 Temperature rise : 80 K
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				

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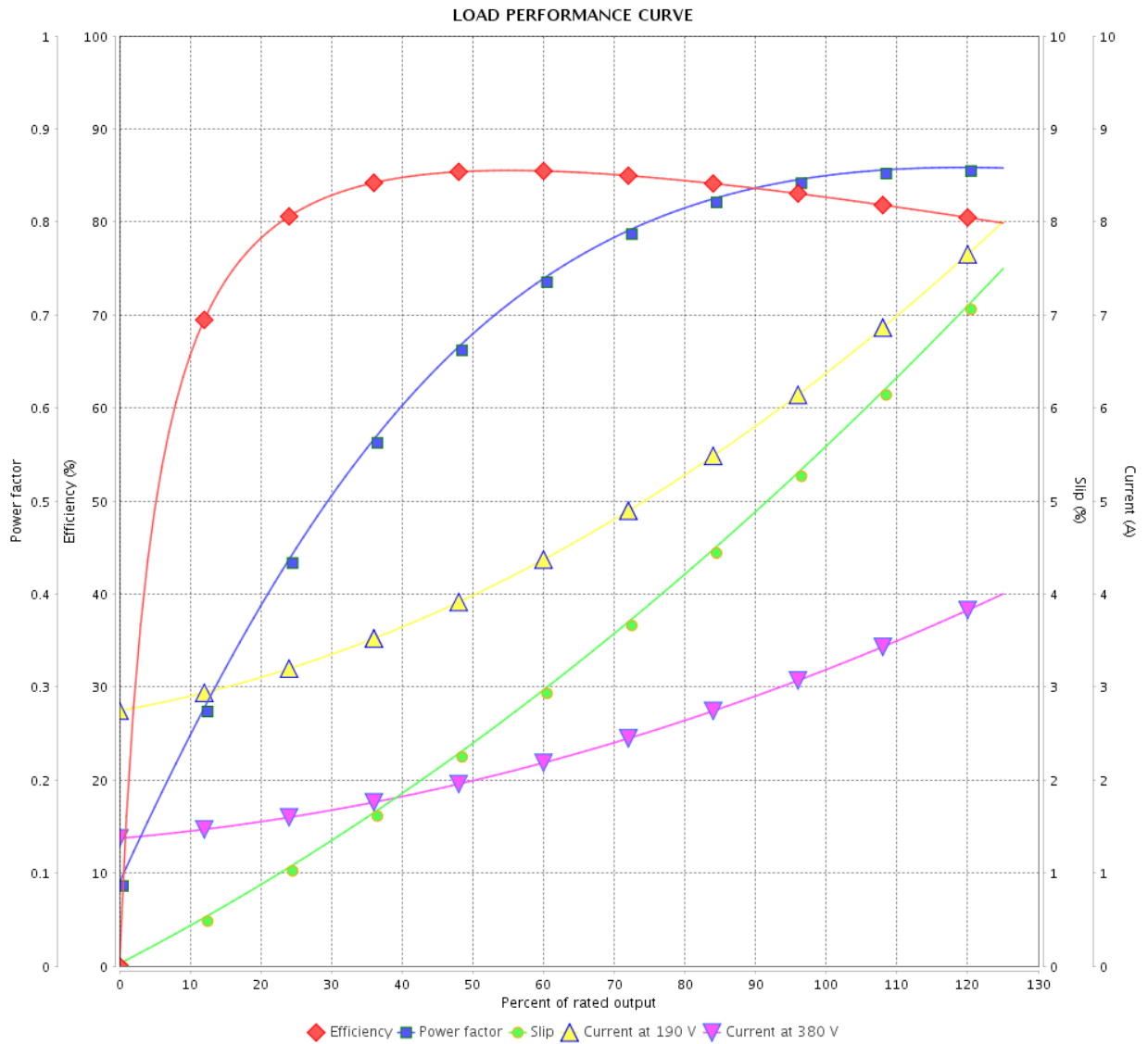
Three Phase Induction Motor - Squirrel Cage



Customer : _____

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Performance : 190/380 V 50 Hz 4P

Rated current : 6.50/3.25 A
 LRC : 6.0
 Rated torque : 1.03 kgfm
 Locked rotor torque : 210 %
 Breakdown torque : 240 %
 Rated speed : 1415 rpm

Moment of inertia (J) : 0.0055 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page	Revision
Checked by				
Date				
			3 / 4	

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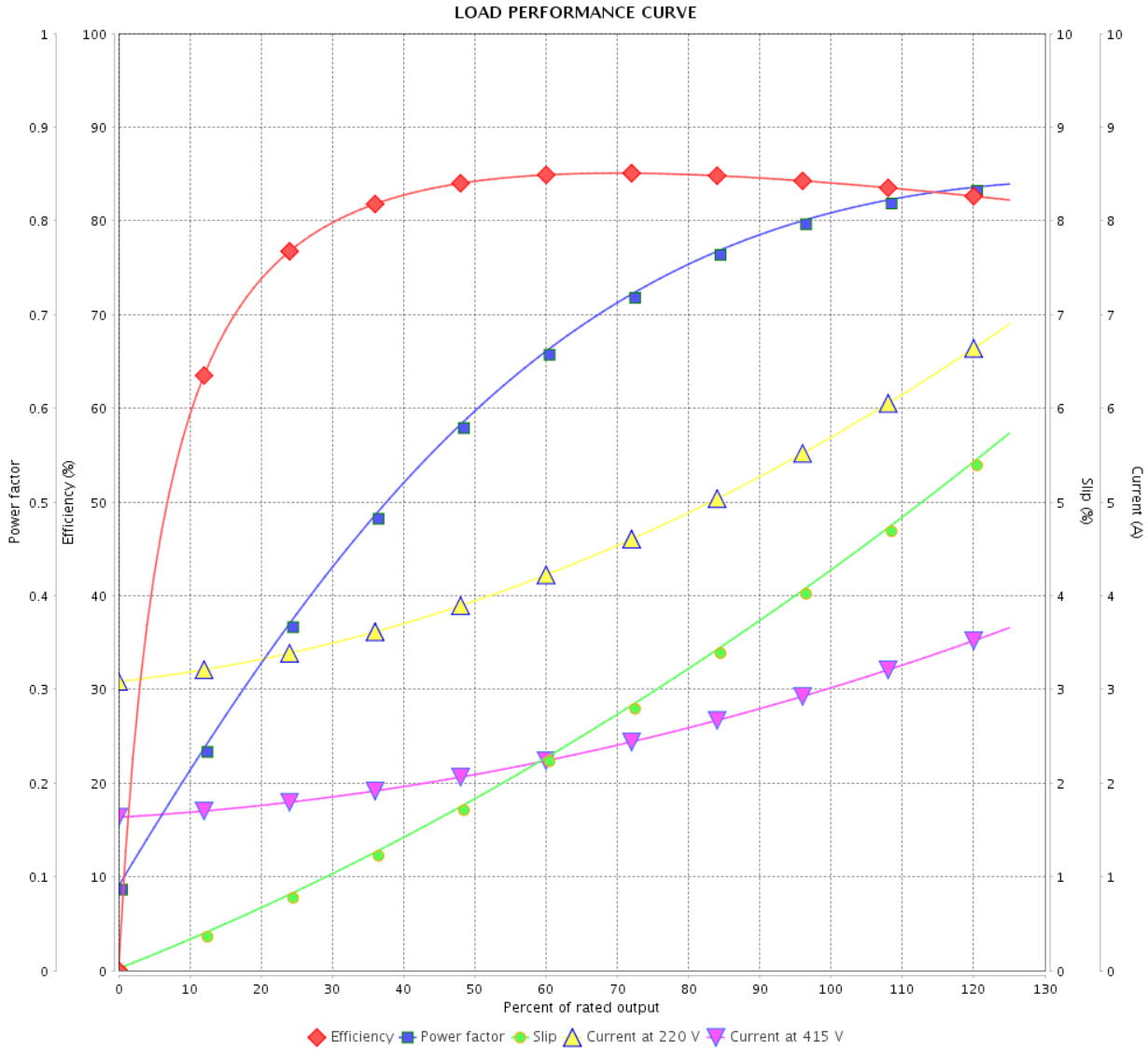
Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : Three-Phase

Product code : 13728662



Performance : 220/415 V 50 Hz 4P

Rated current : 5.79/3.07 A
 LRC : 7.1
 Rated torque : 1.01 kgfm
 Locked rotor torque : 270 %
 Breakdown torque : 300 %
 Rated speed : 1435 rpm

Moment of inertia (J) : 0.0055 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : B

Rev.	Changes Summary	Performed	Checked	Date
Performed by			Page 4 / 4	Revision
Checked by				
Date	11/05/2022			