

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :	
Product line	: Jet Pump - C type Three-Phase
Product code :	13722279
Frame	: W56C
Insulation class	: F
Duty cycle	: Cont.(S1)
Ambient temperature	: -20°C to +40°C
Altitude	: 1000 m.a.s.l.
Protection degree	: IP55
Cooling method	: IC411 - TEFC
Mounting	: W-6
Rotation ¹	: CCW
Starting method	: Direct On Line
Approx. weight ³	: 8.5 kg
Moment of inertia (J)	: 0.0009 kgm ²
Output [HP]	0.75
Poles	2
Frequency [Hz]	60
Rated voltage [V]	208-230/460
Rated current [A]	2.48-2.24/1.12
L. R. Amperes [A]	20.1-18.1/9.07
LRC [A]	8.1x(Code L)
No load current [A]	1.07-1.24/0.622
Rated speed [RPM]	3440
Slip [%]	4.44
Rated torque [kgfm]	0.158
Locked rotor torque [%]	350
Breakdown torque [%]	360
Service factor	
Temperature rise	80 K
Locked rotor time	28s (cold) 16s (hot)
Noise level ²	65.0 dB(A)
Efficiency (%)	25%
	50%
	75%
	100%
Power Factor	25%
	50%
	75%
	100%
Bearing type	: <u>Drive end</u> 6203 2RS <u>Non drive end</u> 6202 2RS
Sealing	: V'Ring V'Ring
Lubrication interval	: - -
Lubricant amount	: - -
Lubricant type	: Mobil Polyrex EM
Foundation loads	Max. traction : 13 kgf
	Max. compression : 22 kgf
Notes	
USABLE @208V SF 1.00	
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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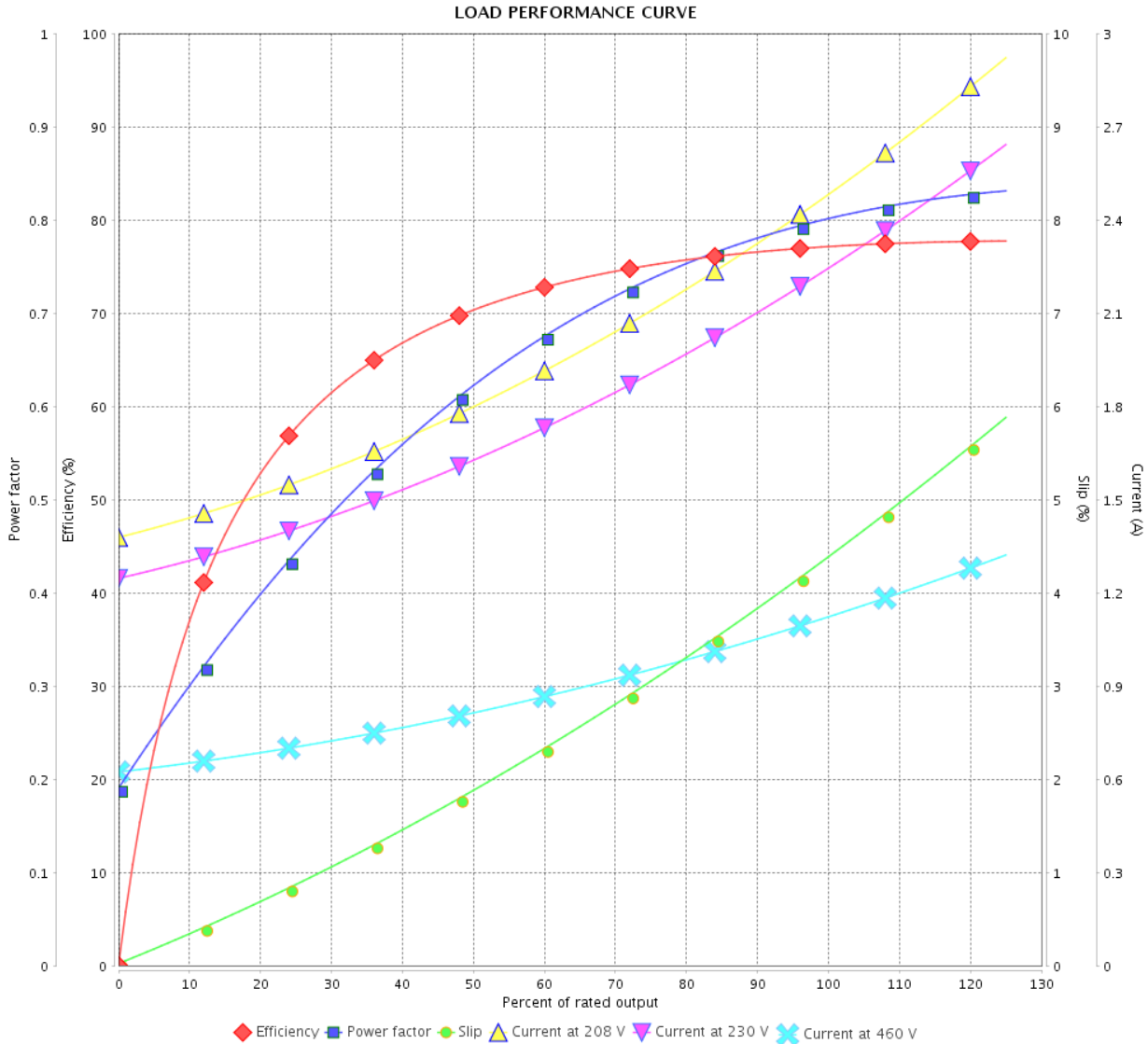
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Jet Pump - C type Three-Phase Product code : 13722279



Performance : 208-230/460 V 60 Hz 2P

Rated current : 2.48-2.24/1.12 A
 LRC : 8.1
 Rated torque : 0.158 kgfm
 Locked rotor torque : 350 %
 Breakdown torque : 360 %
 Rated speed : 3440 rpm

Moment of inertia (J) : 0.0009 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor :
 Temperature rise : 80 K

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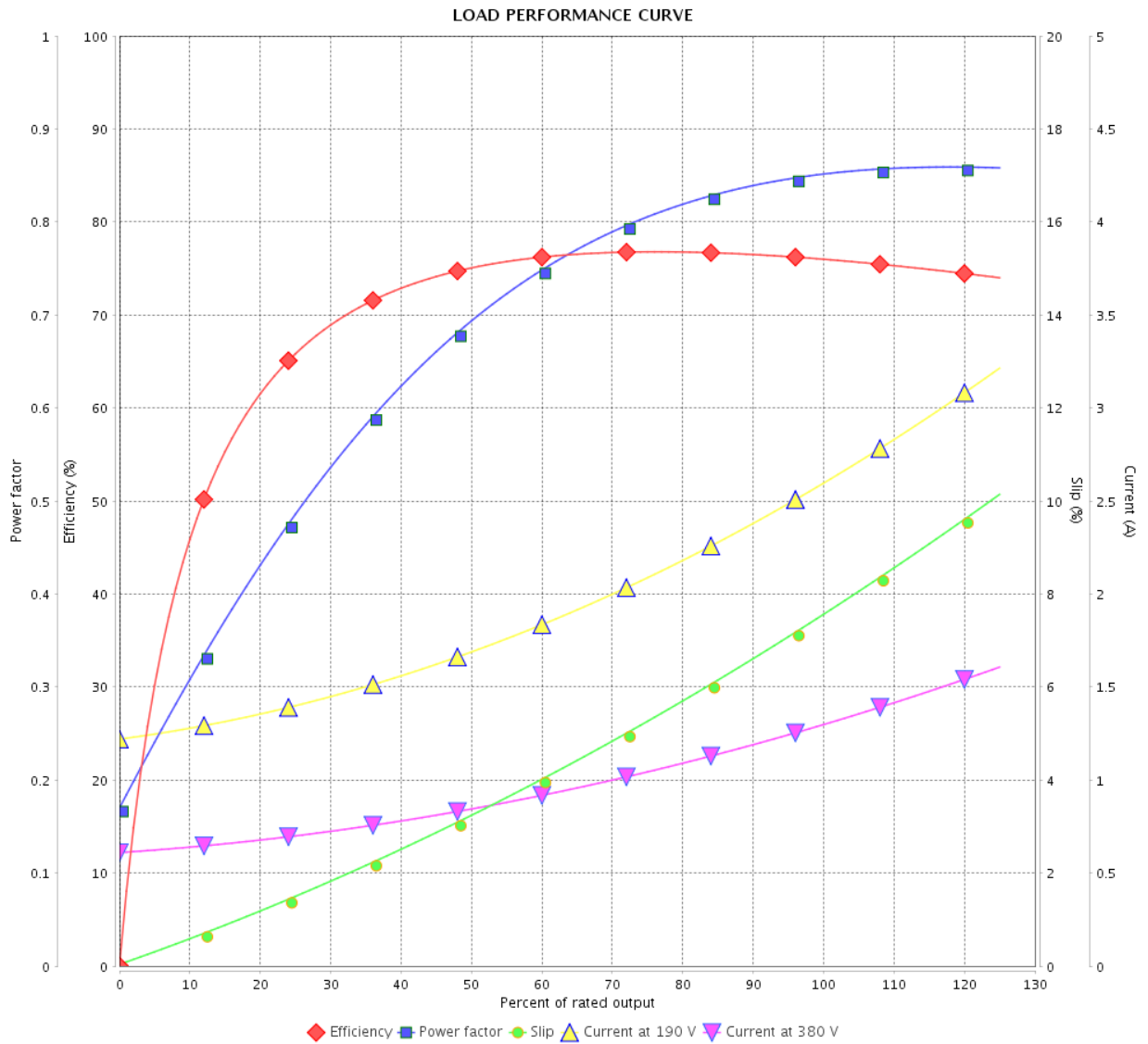
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Three Phase Induction Motor - Squirrel Cage



Customer : _____

Product line : Jet Pump - C type Three-Phase Product code : 13722279



Performance : 190/380 V 50 Hz 2P

Rated current : 2.60/1.30 A
 LRC : 6.0
 Rated torque : 0.196 kgfm
 Locked rotor torque : 260 %
 Breakdown torque : 240 %
 Rated speed : 2770 rpm

Moment of inertia (J) : 0.0009 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K

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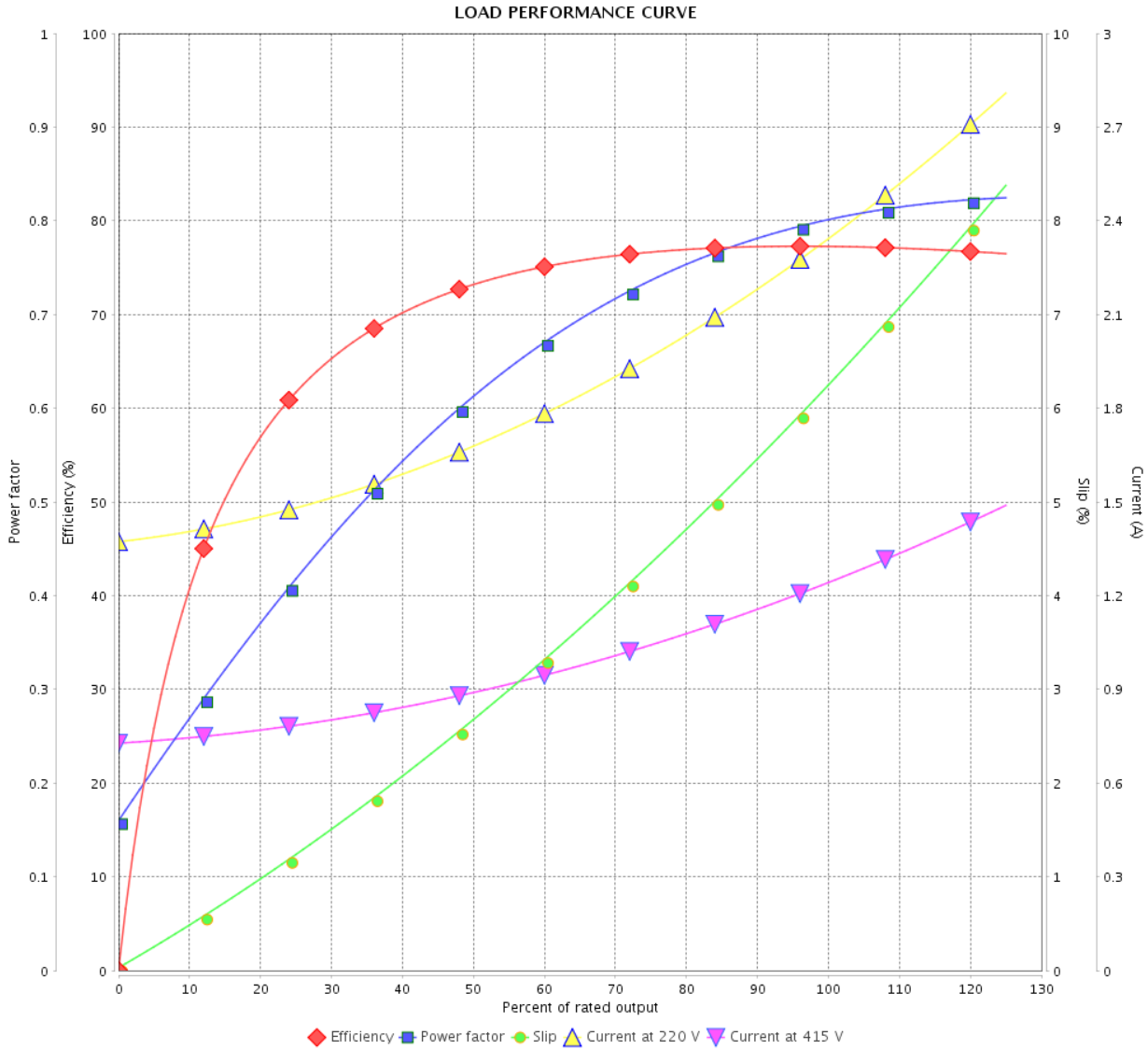
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Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : Jet Pump - C type Three-Phase Product code : 13722279



Performance : 220/415 V 50 Hz 2P

Rated current : 2.34/1.24 A
 LRC : 7.0
 Rated torque : 0.194 kgfm
 Locked rotor torque : 310 %
 Breakdown torque : 290 %
 Rated speed : 2810 rpm

Moment of inertia (J) : 0.0009 kgm²
 Duty cycle : Cont.(S1)
 Insulation class : F
 Service factor : 1.15
 Temperature rise : 80 K

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