

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer : i					
Product line : W22 IE3 Three-Phase		Product code : 12862519			
Frame : 63 Output : 0.12 kW Poles : 4 Frequency : 50 Hz Rated voltage : 230/400 V Rated current : 0.637/0.366 A L. R. Amperes : 2.80/1.61 A LRC : 4.4 No load current : 0.435/0.250 A Rated speed : 1370 rpm Slip : 8.67 % Rated torque : 0.085 kgfm Locked rotor torque : 210 % Breakdown torque : 229 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.0004 kgm ² Design : N		Locked rotor time : 54s (cold) 30s (hot) Temperature rise : 80 K Duty cycle : S1 Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : B5T Rotation ¹ : Both (CW and CCW) Noise level ² : 44.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 7.6 kg			
Output	50%	75%	100%	Foundation loads Max. traction : 4 kgf Max. compression : 12 kgf	
Efficiency (%)	57.0	63.0	64.8		
Power Factor	0.52	0.62	0.73		
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :		<u>Drive end</u> 6201 ZZ Oil Seal - - Mobil Polyrex EM <u>Non drive end</u> 6201 ZZ Oil Seal - -			
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 IEC 60034-1.			
Rev.	Changes Summary		Performed	Checked	Date
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Date	27/06/2019			Page 1 / 2	Revision

VFD OPERATION CURVE

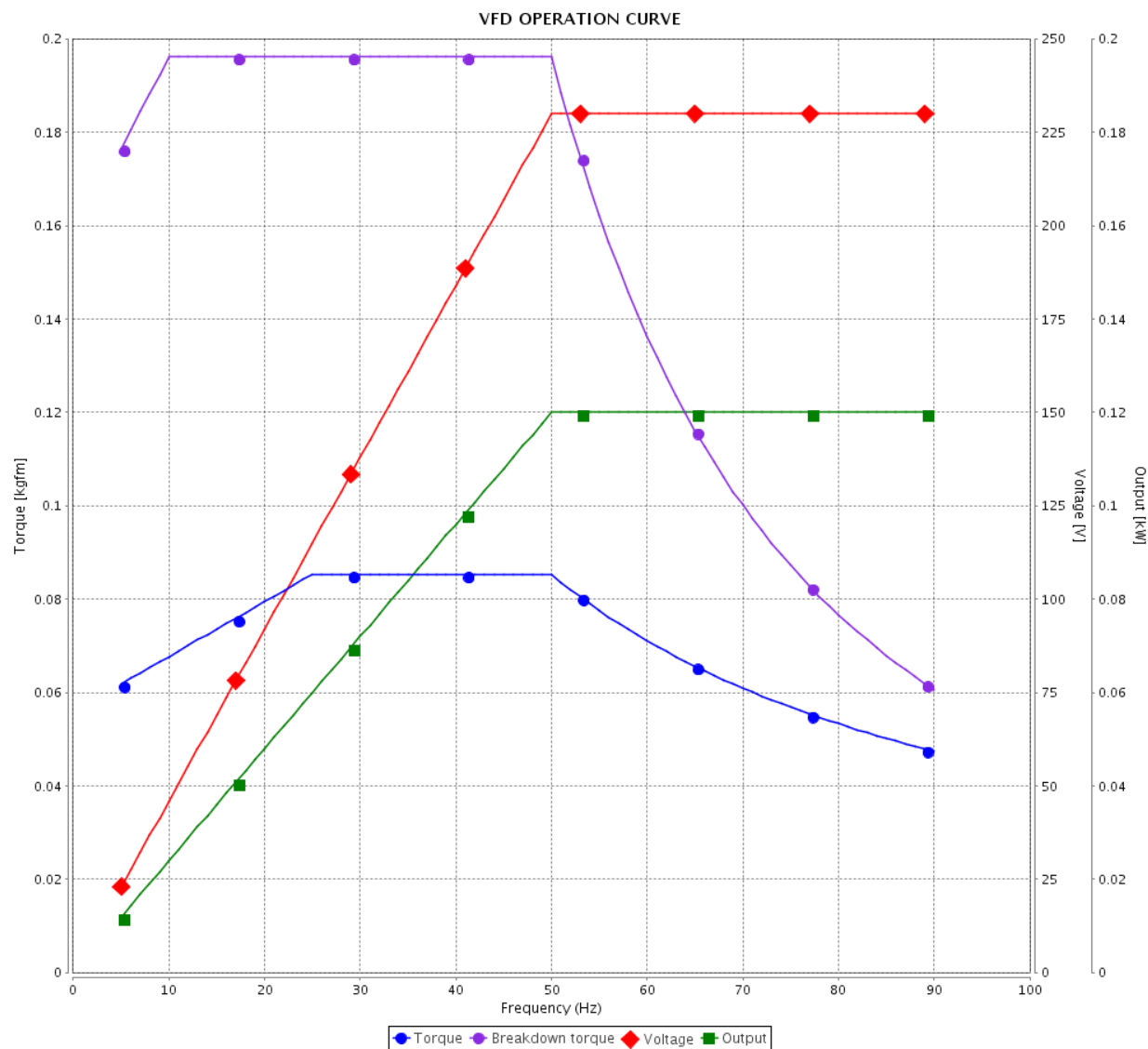
Three Phase Induction Motor - Squirrel Cage



Customer : i

Product line : W22 IE3 Three-Phase

Product code : 12862519



Performance : 230/400 V 50 Hz 4P

Rated current : 0.637/0.366 A
 LRC : 4.4
 Rated torque : 0.085 kgfm
 Locked rotor torque : 210 %
 Breakdown torque : 229 %
 Rated speed : 1370 rpm

Moment of inertia (J) : 0.0004 kgm²
 Duty cycle : S1
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : N

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