

DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer		: IDS	
Product line		: W22 IE3 Three-Phase	Product code : 12862520
Frame : 63 Output : 0.18 kW Poles : 4 Frequency : 50 Hz Rated voltage : 230/400 V Rated current : 0.897/0.516 A L. R. Amperes : 4.13/2.37 A LRC : 4.6 No load current : 0.609/0.350 A Rated speed : 1380 rpm Slip : 8.00 % Rated torque : 0.127 kgfm Locked rotor torque : 220 % Breakdown torque : 220 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.0006 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 : 8.4 kg		
Output	50%	75%	100%
Efficiency (%)	65.0	67.0	69.9
Power Factor	0.53	0.63	0.72
Foundation loads		Max. traction : 7 kgf Max. compression : 15 kgf	
Bearing type : Sealing : Lubrication interval : Lubricant amount : Lubricant type :		Drive end 6201 ZZ Oil Seal - - Mobil Polyrex EM	
Non drive end 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.	
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VFD OPERATION CURVE

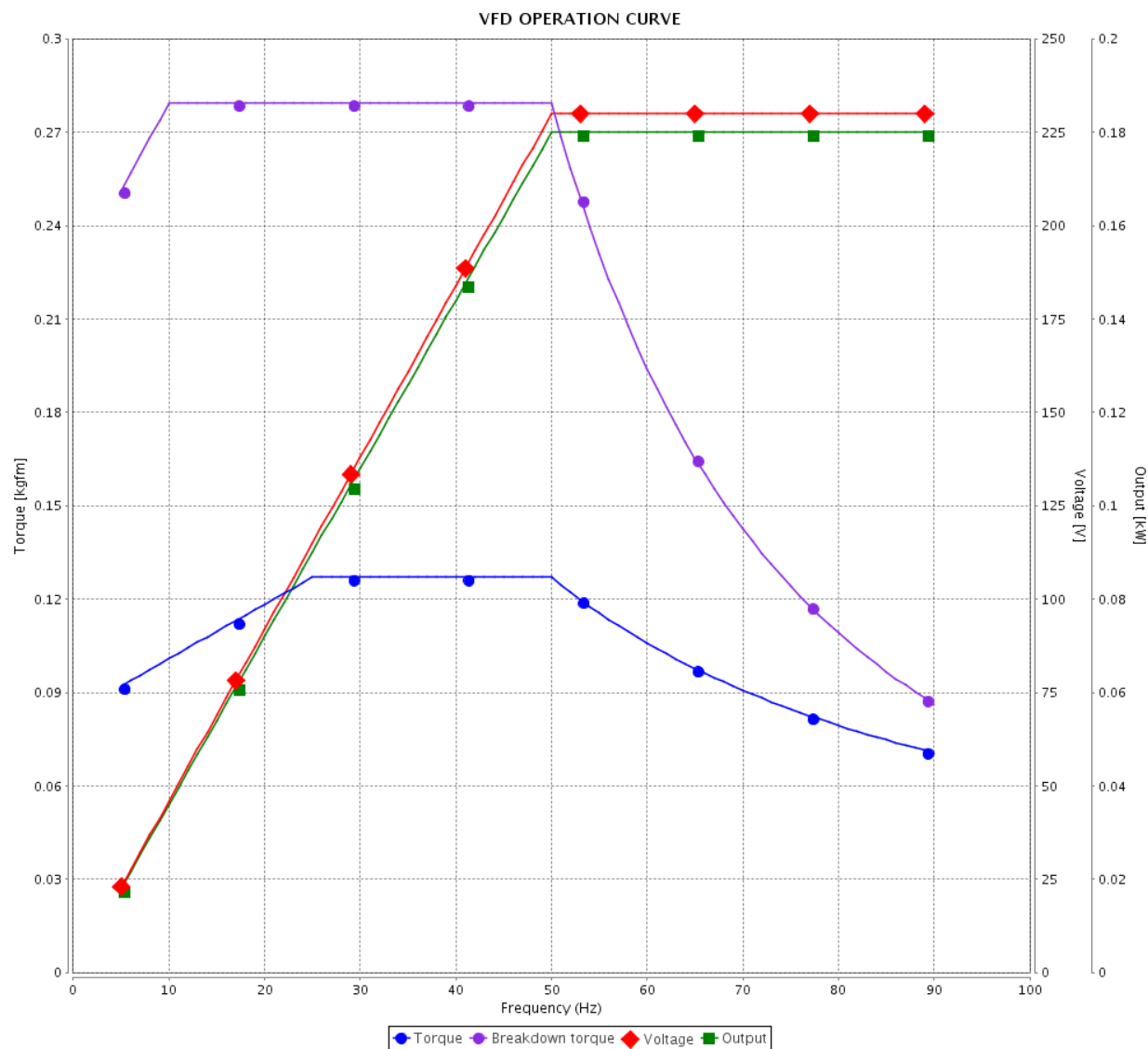
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Product line : W22 IE3 Three-Phase

Product code : 12862520



Performance : 230/400 V 50 Hz 4P

Rated current : 0.897/0.516 A
 LRC : 4.6
 Rated torque : 0.127 kgfm
 Locked rotor torque : 220 %
 Breakdown torque : 220 %
 Rated speed : 1380 rpm

Moment of inertia (J) : 0.0006 kgm²
 Duty cycle : S1
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : N

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