

DATA SHEET

Three Phase Induction Motor - Squirrel Cage



Customer :					
Product line : W22 IE2 Three-Phase		Product code : 11360955			
Frame : 132S Output : 7.5 kW Poles : 2 Frequency : 50 Hz Rated voltage : 400/690 V Rated current : 14.1/8.17 A L. R. Amperes : 95.9/55.6 A LRC : 6.8 No load current : 5.20/3.01 A Rated speed : 2910 rpm Slip : 3.00 % Rated torque : 2.50 kgfm Locked rotor torque : 220 % Breakdown torque : 290 % Insulation class : F Service factor : 1.00 Moment of inertia (J) : 0.0251 kgm ² Design : N		Locked rotor time : 23s (cold) 13s (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 : B3T Rotation ¹ : Both (CW and CCW) Noise level ² : 67.0 dB(A) Starting method : Direct On Line Approx. weight ³ : 68.0 kg			
Output	50%	75%	100%	Foundation loads Max. traction : 92 kgf Max. compression : 160 kgf	
Efficiency (%)	88.0	88.5	88.5		
Power Factor	0.72	0.82	0.87		
		<u>Drive end</u>	<u>Non drive end</u>		
Bearing type	:	6308 ZZ	6207 ZZ		
Sealing	:	V'Ring	V'Ring		
Lubrication interval	:	-	-		
Lubricant amount	:	-	-		
Lubricant type	:	Mobil 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 IEC 60034-1.		
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TORQUE AND CURRENT VS SPEED CURVE

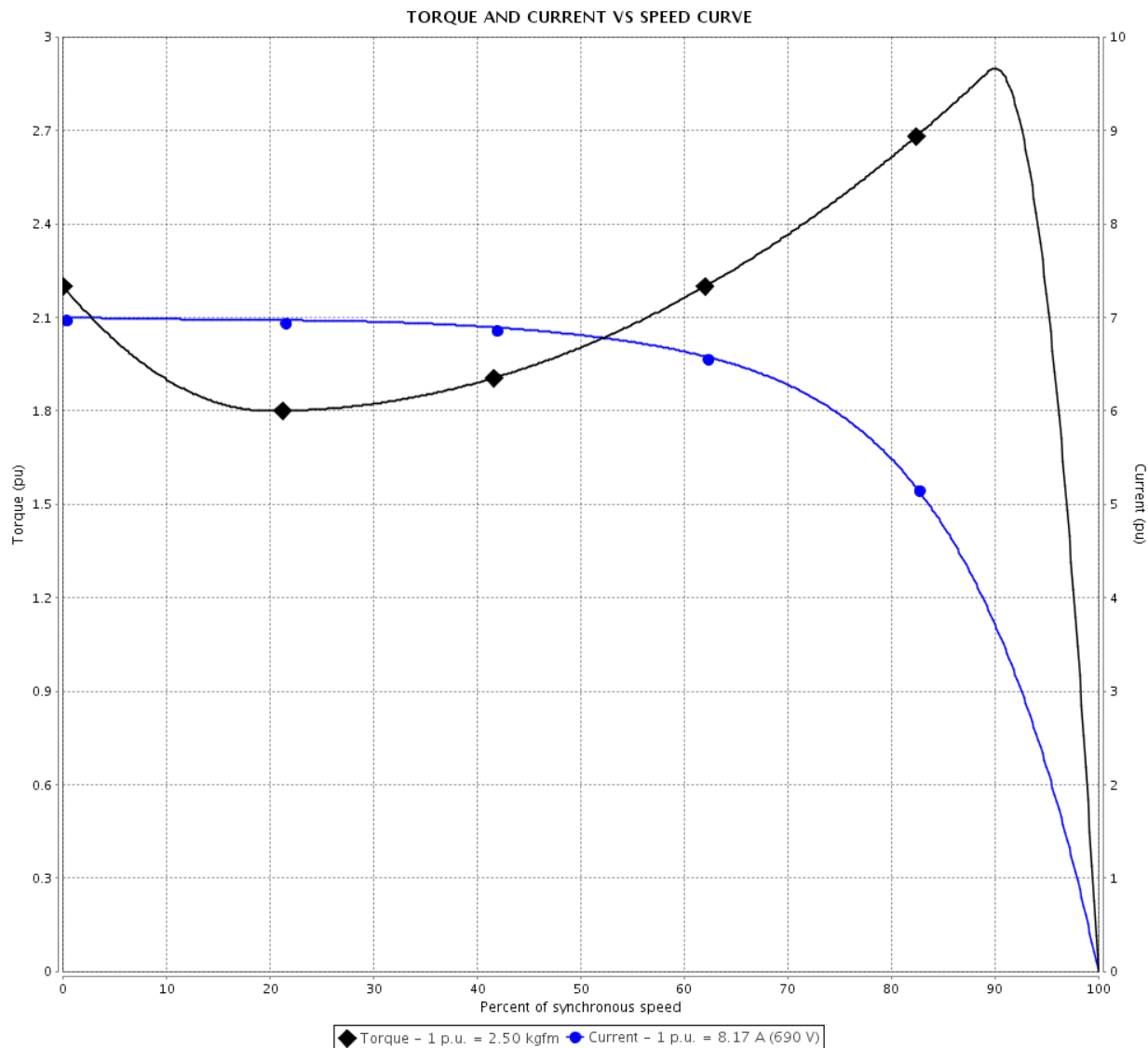
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Customer :

Product line : W22 IE2 Three-Phase

Product code : 11360955



Performance : 400/690 V 50 Hz 2P

Rated current : 14.1/8.17 A
 LRC : 6.8
 Rated torque : 2.50 kgfm
 Locked rotor torque : 220 %
 Breakdown torque : 290 %
 Rated speed : 2910 rpm

Moment of inertia (J) : 0.0251 kgm²
 Duty cycle : S1
 Insulation class : F
 Service factor : 1.00
 Temperature rise : 80 K
 Design : N

Locked rotor time : 23s (cold) 13s (hot)

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VFD OPERATION CURVE

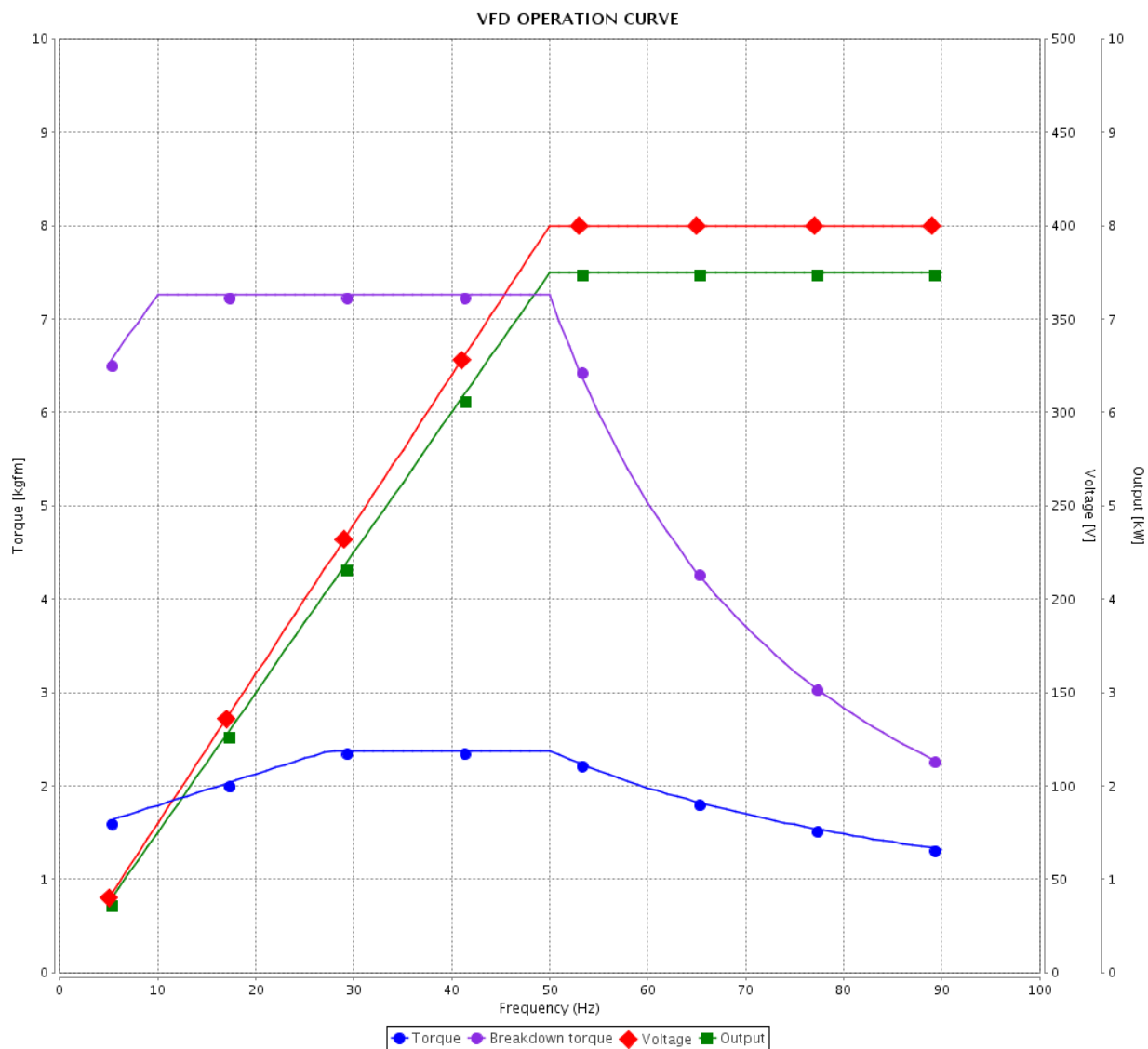
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