

# DATA SHEET



## Three Phase Induction Motor - Squirrel Cage

Customer :						
Product line		: W22 High Efficiency Three-Phase		Product code : 13565753		
				Catalog # : 01018EP3EHP215TYZ7F3		
Frame : 215TYZ Output : 10 HP (7.5 kW) Poles : 4 Frequency : 60 Hz Rated voltage : 208-230/460 V Rated current : 34.7-31.4/15.7 A L. R. Amperes : 316-286/143 A LRC : 9.1x(Code N) No load current : 23.9-21.6/10.8 A Rated speed : 1775 rpm Slip : 1.39 % Rated torque : 29.6 ft.lb Locked rotor torque : 340 % Breakdown torque : 430 % Insulation class : F Service factor : 1.15 Moment of inertia (J) : 1.51 sq.ft.lb Design : A			Locked rotor time : 18s (cold) 10s (hot) Temperature rise : 80 K Duty cycle : S3 Ambient temperature : -20°C to +40°C Altitude : 1000 m.a.s.l. Protection degree : IP55 Cooling method : IC411 - TEFC Mounting : F-3 Rotation <sup>1</sup> : Both (CW and CCW) Noise level <sup>2</sup> : 58.0 dB(A) Starting method : Direct On Line Approx. weight <sup>3</sup> : 181 lb			
Output		25%	50%	75%	100%	
Efficiency (%)		0.000	84.0	87.5	89.5	
Power Factor		0.00	0.43	0.57	0.67	
Foundation loads						
Max. traction : 627 lb						
Max. compression : 808 lb						
		<u>Drive end</u>		<u>Non drive end</u>		
Bearing type		: 6308 ZZ		: 6207 ZZ		
Sealing		: Special Bearing Seal		: V'Ring		
Lubrication interval		: 0 h		: 0 h		
Lubricant amount		: 0 g		: 0 g		
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 NEMA MG-1.			
Rev.	Changes Summary			Performed	Checked	Date
Performed by						
Checked by					Page	Revision
Date	06/08/2025				1 / 1	