

### Technical Data Sheet

Motor Type: AEJH\_TK

Catalogue No: XPEJ10008

#### Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
1000	8	890	500C	2300 / 4000	60	3
Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.15	Continuous	B	-40 to 40 °C	<3300 ft

#### Typical Performance

Efficiency (%)				Power Factor (%)		
Full Load		3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
Nom.	Min.					
95.80	95.00	95.40	94.10	87.50	84.00	77.50
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
5885.00	90	85	220	69.0 / 39.7	223.0 / 128.2	1520 / 874
NEMA KVA Code	Inertia (WR <sup>2</sup> )			Safe Stall Time (s)		Noise Level Sound Press. dB(A)
	Rotor (lb-ft <sup>2</sup> )	NEMA Load (lb-ft <sup>2</sup> )	Max. Allowable (lb-ft <sup>2</sup> )	Cold	Hot	
G	2070.000	19260	28890	30	25	82

#### VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
30-60Hz	3-60Hz	60-120Hz	≤ 5 kHz	VPWM or CPWM	1.0 Only

#### Additional Information

Bearings		Approx. Weight	Hazardous Locations Information	
DE	NDE	lbs	CSA Certified	
6326	6324/C3 VL2071	11900	Class I, Div 2, Groups B, C & D Class I, Zone 2, Groups IIB+H2, IIB & IIA	
			Temp Code (Sinewave / VFD)	T2B / N/A