

Technical Data Sheet

Motor Type: AEJH_TK

Catalogue No: XPEJ12504

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
1250	4	1786	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.					
96.20	95.40	95.80	94.50	90.00	87.00	82.00
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
3670.00	75	65	230	81.0 / 46.6	270.0 / 155.3	1970 / 1133
NEMA KVA Code	Inertia (WR ²)			Safe Stall Time (s)		Noise Level Sound Press. dB(A)
	Rotor (lb-ft ²)	NEMA Load (lb-ft ²)	Max. Allowable (lb-ft ²)	Cold	Hot	
G	1130.000	4073	6110	28	22	85

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	CSA Certified	
DE	NDE	lbs	Class I, Div 2, Groups B, C & D	
6326	6324/C3 VL2071	12600	Class I, Zone 2, Groups IIB+H2, IIB & IIA	
			Temp Code (Sinewave / VFD)	T2B / N/A

Hazardous Locations Information