

Technical Data Sheet

Motor Type: AMRCNH

Catalogue No: VCN10025

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
100	2	3555	365TP	575	60	3
Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
WPI	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.					
93.6	92.4	94.5	94.5	90.5	88.0	84.0
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
147.68	160	150	280	21.2	88.4	580
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	7.044	92	126	17	12	0

VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
0	7.5-60Hz:	0	≤ 3 kHz	VPWM or CPWM	1.0 Only

Additional Information

Bearings		Approx. Weight
DE	NDE	lbs
6313C3	7220B	860

Hazardous Locations Information

0	
0	
0	
Temp Code (Sinewave / VFD)	0 / 0