

Technical Documentation

RF00145-56
Rolled Steel TEFC | AEGHPE

Date: May 21, 2019

 MOTORS (CANADA) INC.	
	Date: May 21, 2019

Technical Data Sheet

Motor Type: AEGHPE	Catalogue No: RF00145-56
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Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
1	4	1750	56	575	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 °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.					
83.5	81.0	85.0	82.0	72.0	67.0	54.0
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
3.00	450	410	410	0.7	1.2	12
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	
N	0.100	9.04	76.43	44	31	54

VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
6-60Hz	3-60Hz	60-120Hz	≤ 5 kHz	VPWM or CPWM	1.0 Only

Hazardous Locations Information

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

Additional Certifications

Other Certification
N/A

Additional Information

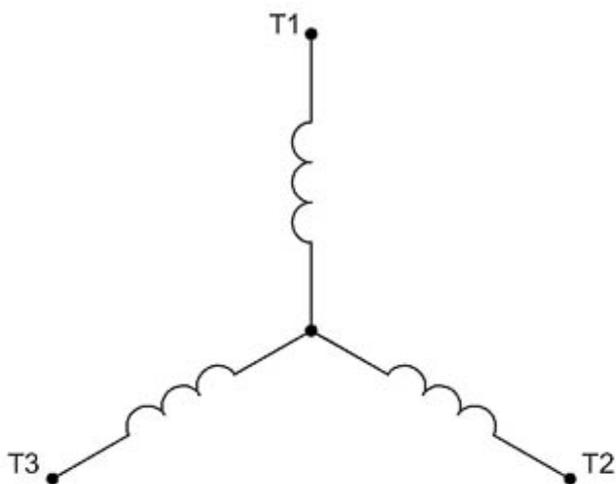
Bearings		Approx. Weight
DE	NDE	lbs
6204ZZ	6203ZZ	32

Nameplate Drawing

Rolled Steel TEFC

TYPE	AEGHPE	CAT. NO.	RF00145-56		
OUTPUT	1 HP 0.75 kW	FRAME	56	TEFC	
R.P.M.	1750	POLE	4	INS.	F
VOLTS	575	PHASE	3	Hz	60
AMPS	1.2	CODE	N	S.F.	1.15
AMBIENT	40 °C	NOM. EFF. 83.5		MIN. EFF. 81.0	
BEARINGS	6204ZZ / 6203ZZ			RATING Cont.	
SER. NO.	TBD	DESIGN	B	WT. 32 LBS	
PWM VFD DUTY	VT	CT	CP	S.F.	
	3-60Hz	6-60Hz	60-120Hz	1.0 Only	

Connection Diagram



3 LEAD		SINGLE VOLTAGE			WYE
VOLTAGE	CONN.	L1	L2	L3	
-	WYE	1	2	3	

WD_3Y