TECO Westinghouse MOTORS (CANADA) INC.	
	Date: December 1, 2016

Technical Documentation

RF0/76

Rolled Steel TEFC | AEGHPE

Date: December 1, 2016

TECO Westinghouse
MOTORS (CANADA) INC.

Date: December 1, 2016

Technical Data Sheet

Motor Type: AEGHPE	Catalogue No: RF0/76

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
0.75	6	1150	56	230 / 460	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.					
81.7	79.0	77.5	73.5	67.5	64.0	51.0
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
3.44	230	205	285	1.6 / 0.8	2.6 / 1.3	16 / 8
NEMA KVA Code	Inertia (WR^2)			Safe Stall Time (s)		Noise Level Sound Press. dB(A)
	Rotor ($lb\text{-}ft^2$)	NEMA Load ($lb\text{-}ft^2$)	Max. Allowable ($lb\text{-}ft^2$)	Cold	Hot	
K	0.095	18.2	174.572	117	82	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

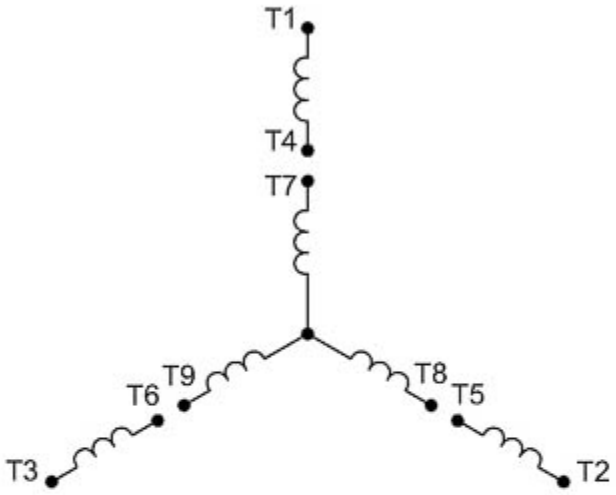
Additional Information

Bearings		Approx. Weight
DE	NDE	lbs
6205ZZ	6204ZZ	33

Hazardous Locations Information

N/A	
Temp Code (Sinewave / VFD)	/

Connection Diagram



9 LEAD DUAL VOLTAGE WYE					
VOLTAGE	CONN.	L1	L2	L3	JOIN
HIGH	WYE	1	2	3	4&7,5&8,6&9
LOW	2 WYE	1,7	2,8	3,9	4&5&6

WD_9Y