

Technical Documentation

WP1/52C

Stainless Steel Washdown | AEGP

Date: July 5, 2021

Technical Data Sheet

Motor Type: AEGP

Catalogue No: WP1/52C

Nameplate Information

HP	Pole	RPM	Frame	Voltage	Hz	Phase
1.5	2		143TC	230 / 460	60	3
Enclosure	Ins. Class	Service Factor	Time Rating	NEMA Design	Rated Amb.	Rated Altitude
TEFC	F	1.15	Continuous		-40 to 40 °C	<1000 m

Typical Performance

Efficiency (%)				Power Factor (%)		
Full Load		3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load
Nom.	Min.					
Torque				Current (A)		
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	No Load	Full Load	Locked Rotor
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	

VFD Duty Information

Speed Range			VFD		S.F.
Constant Torque	Variable Torque	Constant Power	Carrier	Type	
			0		

Hazardous Locations Information

Additional Certifications

Temp Code (Sinewave / VFD)		Other Certification
	/	

Additional Information

Bearings		Approx. Weight
DE	NDE	lbs

Nameplate Drawing

Stainless Steel Washdown

TYPE	AEGP		CAT. NO.	WP1/52C	
OUTPUT	1.5 HP kW		FRAME	143TC	TEFC
R.P.M.			POLE	2	INS. F
VOLTS	230 / 460		PHASE	3	Hz 60
AMPS			CODE		S.F. 1.15
AMBIENT	40 °C		NOM. EFF.		MIN. EFF.
BEARINGS	/				RATING Cont.
SER. NO.	TBD		DESIGN		WT. LBS
PWM VFD DUTY	VT	CT	CP	S.F.	