



PERFORMANCE DATA SHEET

Meets or exceeds MEPS (Minimum Efficiency Performance Standards), as described by the US Department of Energy in docket 10CFR431 and Natural Resources Canada's Amendment 14

Catalogue #: MTR-202FDJH

HP	kW	Voltage	Frequency	EFF.	P.F.	Frame	Design	F.L. RPM
2	1,49	115 / 208 - 230	60Hz	83,0%	0,992	56JH	B	3510

FLA			Service Factor	N.L. Amps @ 115V	N.L. Amps @ 230V	KVA Code	L.R. Amps @ 15v	L.R. Amps @ 230v
115	208	230		1,15	2,45		1,225	H
15,92	8,8	7,96						

Start Cap.	Run Cap.	Main Winding Ω 115V @ 25°C	Main Winding Ω 230V @ 25°C	Auxillary Winding Ω @ 25°C	Safe Cold Start (Secs)
350 μ f/300vac	80 μ f/450vac	0,2100	0,850	0,690	12

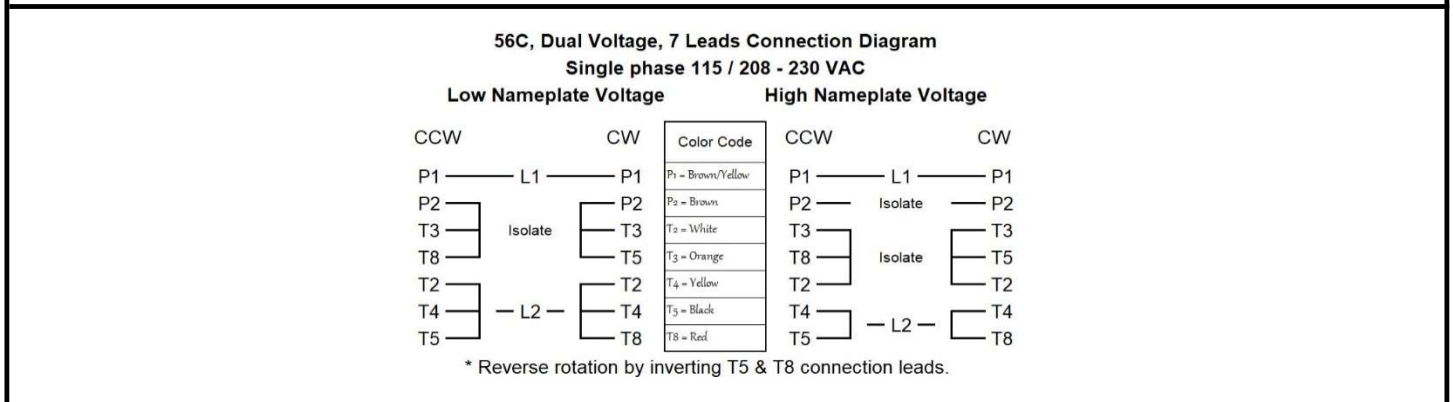
Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
40	1	Cont.	F	40°C	1000M (3,300 Ft)	42

% Efficiency		Power Factor		Torque		Protection
Full Load:	83,0%	Full Load:	0,99	Full Load Ft/Lbs	3,0	
3/4 Load:	73,4%	3/4 Load:	0,96	Locked Rotor %	273	
1/2 Load:	54,3%	1/2 Load:	0,94	Break Down %	301	

Rotor Inertia Wk2 Lb-Ft2	Max Load Inertia Wk2 Lb-Ft2	Shaft Material	Frame Material	DE Bracket Type	ODE Bracket Type	Enclosure	NEMA Rating	Lead Wire Size
/	/	304SS	Rolled Steel	Aluminium Alloy		TEFC	IP55	/

Ball Bearings		Grease	Mount Type	Orientation	Paint	Sound Pressure @ 3FT	Sound Power
DE	ODE						
6205	6203	Sealed Bearings	Rigid	Horizontal	Black	72	/

WIRING CONNECTION DIAGRAM : B





Date: 2023-12-22
 Customer: _____
 Contact: _____
 Submittee: J.C. Lavallée

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HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
2	230	3510	TEFC	56JH	60	B	2	H	F	42

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Torq ft/lbs	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
RPM	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Eff	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
PF	0,00	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBa @ 1M
Speed (RPM)	0	1800	2880	3510	3600	Continuous	1,15	40°C	3,300 ft	72
Current (Amps)	58	49,3	34,5	#N/A	#N/A	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	#N/A	#N/A	#N/A	#N/A	0,0	C.T.	0,85	V.T.	0,69	

