



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-134FDCH**

HP	kW	Voltage	Frequency	EFF.	P.F.	Frame	Design	F.L. RPM
0,33	0,25	115 / 208 - 230	60Hz	68,8%	0,835	56C	B	1770

FLA			Service Factor	N.L. Amps @ 115V	N.L. Amps @ 230V	KVA Code	L.R. Amps @ 15v	L.R. Amps @ 230v
115	208	230						
3,92	2,17	1,96	1,15	2,61	1,303	M	28	14

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)
100 μ f/300vac	30 μ f/450vac	1,2800	5,190	5,960	12

Wgt. Lbs	PH	Duty	Insul. Class	Amb.	Elevation	Temp. Rise° C
26	1	Cont.	F	40°C	1000M (3,300 Ft)	35

% Efficiency		Power Factor		Torque		Protection
Full Load:	68,8%	Full Load:	0,84	Full Load Ft/Lbs	1,0	
3/4 Load:	54,1%	3/4 Load:	0,70	Locked Rotor %	398	
1/2 Load:	40,0%	1/2 Load:	0,59	Break Down %	358	

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
/	/	Steel	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	63	/

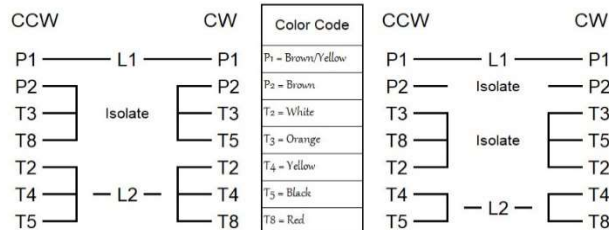
WIRING CONNECTION DIAGRAM : A

56C, Dual Voltage, 7 Leads Connection Diagram

Single phase 115 / 208 - 230 VAC

Low Nameplate Voltage

High Nameplate Voltage



* Reverse rotation by inverting T5 & T8 connection leads.



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

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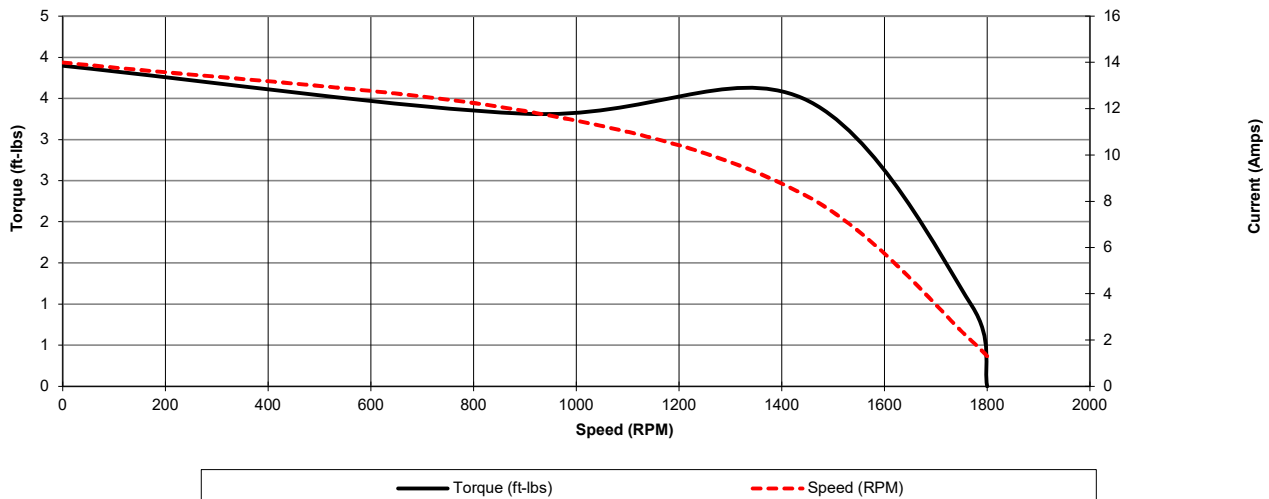
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HP	VAC	RPM	Enclosure	Frame	Frequency	Design	Poles	LR Code Letter	Insulation Class	Temp. Rise °C
0,33	230	1770	TEFC	56C	60	B	4	M	F	35

Load %	0%	25%	50%	75%	100%	125%	150%
Amps	1,30	1,49	1,59	1,72	1,96	2,45	2,94
Torq ft/lbs	0	0,24	0,49	0,73	0,98	1,23	1,48
RPM	0	1792,5	1785	1777,5	1770	1762,5	1755
Eff	0	22,45	56,66	66,91	68,80	64,12	62,29
PF	0,00	80,00	59,42	69,56	83,50	85,17	87,68

	Locked Rotor	Pull-Up	Breakdown	Rated Load	Idle	Duty	S. F.	Ambient	Elevation	dBA @ 1M
Speed (RPM)	0	900	1440	1770	1800	Continuous	1,15	40°C	3,300 ft	63
Current (Amps)	14	11,9	8,3	1,96	1,303	VFD Rating: Meets MG1 parts 31.4.4.2				
Torque (ft-lbs)	3,90	3,31	3,51	0,98	0,0	C.T.	5,19	V.T.	5,96	

Motor Speed Data



Motor Load Data

