



Issued Date	8/27/2025	Transmit #	
Issued By	dschoeck	Issued Rev	

## **TYPICAL MOTOR PERFORMANCE DATA**

Model: 0024FAGC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	4	1750	145T	575	60	3	2.3
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAO	56	F	1.15	CONT	86.5	В		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
ull Load	2.00	1.5	2.3	87.1	74.3
¼ Load	1.50	1.1	1.9	86.6	68.0
∕₂ Load	1.00	0.7	1.5	84.0	56.0
4 Load	0.50	0.4	1.1	76.6	41.3
No Load			10.1		1.8
ocked Rotor			18.4		56.0

Torque						
Full Load	Full Load Locked Rotor Pull Up Break Down					
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)		
6.00	305	225	350	0.15		

Safe Stall Time(s) Sound		Sound	Bearin	Approx. Motor Weight	
Cold	Hot	Pressure			
		dB(A) @ 1M	DE	NDE	(lbs)
31	24	-	6305ZZC3	6305ZZC3	57

\*Bearings are the only recommended spare part(s).

Motor Options: Product Family:EQP Global Cooling Tower Mounting:Footed,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0			
Engr. Date	6/23/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



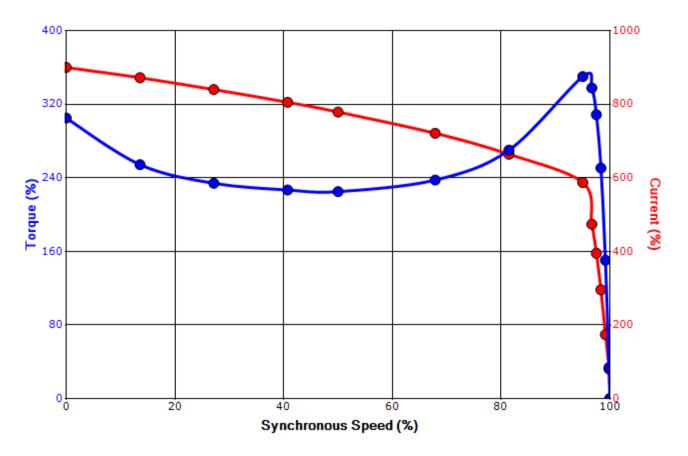
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## SPEED TORQUE/CURRENT CURVE

Model: 0024FAGC41A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
2	1.5	4	1750	145T	575	60	3	2.3
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEAO	56	F	1.15	CONT	86.5	В		40 C
Locked Rotor	Rotor wk <sup>2</sup>		Torque					
Amps	Inertia	Full Load	Locked	Rotor	Pull Up	)	Break	Down
Allips	(lb-ft²)	(lb-ft)	(%	<b>5</b> )	(%)		(%	<b>%)</b>
18.4	0.15	6.00	30	5	225		35	50

## Design Values





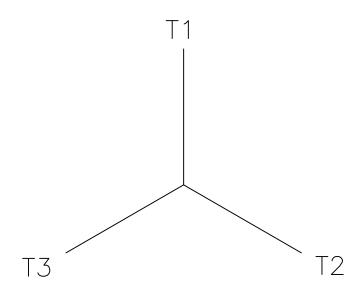
Customer	wk² Load Inertia (lb	ft²) -		
Customer PO	Load T	/pe -		
Sales Order	Voltage	<b>(%)</b> 100		
Project #	Accel. T	me -		

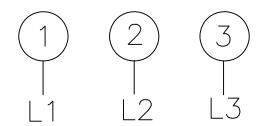
Tag:

All characteristics are average expected values.

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Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0			
Engr. Date	6/23/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			

## Motor Connection Diagram 3 Leads - Wye Connection Single Voltage





Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable. If multiple cables represent a single lead, each one of them will be labeled with the appropriate lead number.

By: R. Murillo Date: 4/9/08 Checked: Date: Revision 0