



Issued Date	9/24/2019	Transmit #	
Issued By	dschoeck	Issued Rev	

TYPICAL MOTOR PERFORMANCE DATA

Model: 0202FTVB3PX-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20	15	2	3530	250LP10	460	60	3	21
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	92.4	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	20	14.9	21.0	92.5	92.9
¾ Load	15.00	11.2	16.5	93.2	92.3
½ Load	10.00	7.5	11.6	93.2	88.9
¼ Load	5.00	3.7	7.2	84.9	75.9
No Load			4.1		11.4
Locked Rotor			145		38.6

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
29.8	200	205	290	2.07

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
29	12	-	6309C3	7309B	425

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

Motor Options:
 Product Family:EQPIII Vertical Medium Thrust
 Mounting:10 P-Base (180-280 Frame),Shaft:LP Solid Shaft Medium Thrust

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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Engineering	gminetos	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 1
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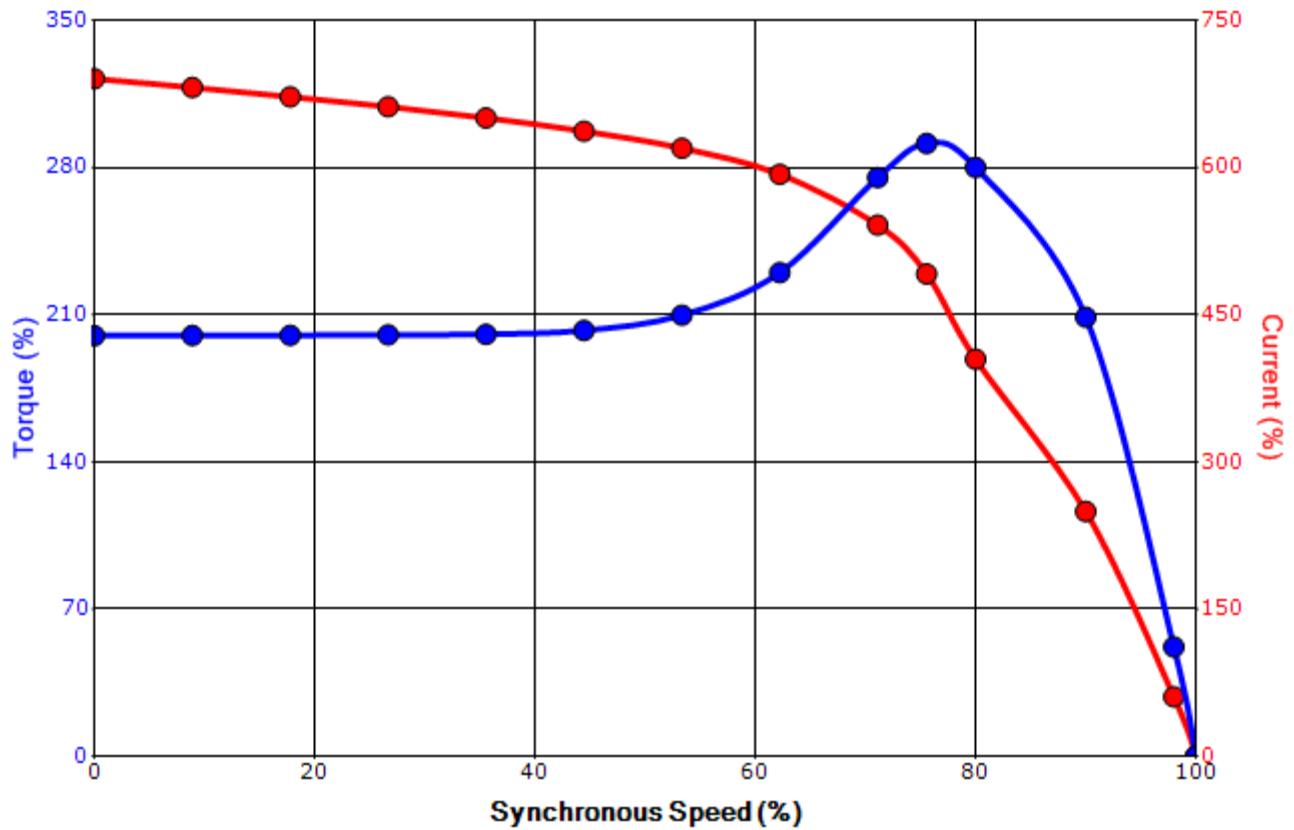
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SPEED TORQUE/CURRENT CURVE

Model: 0202FTVB3PX-A

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
20	15	2	3530	250LP10	460	60	3	21
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	54	F	1.15	CONT	92.4	B	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque				Pull Up (%)	Break Down (%)	
		Full Load (lb-ft)	Locked Rotor (%)					
145	2.07	29.8	200		205	290		

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

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Motor Connection Diagram 3 Leads - Delta Connection



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.