



Issued Date 9/24/2019

Transmit #

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TYPICAL MOTOR PERFORMANCE DATA

Model: 0102XDSC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	2	3510	215TC	575	60	3	9.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	90.2	B	G	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	10	7.5	9.4	91.7	89.4
¾ Load	7.50	5.6	7.1	91.2	87.3
½ Load	5.00	3.7	5.2	89.3	81.3
¼ Load	2.50	1.9	3.7	81.8	61.7
No Load			2.9		7.7
Locked Rotor			63		48.0

Torque				Rotor wk² Inertia (lb-ft²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
15	265	235	355	0.62

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
35	15	-	6308C3	6308C3	0

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

Motor Options:

Mounting:C-Face Round,Shaft:T Shaft

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

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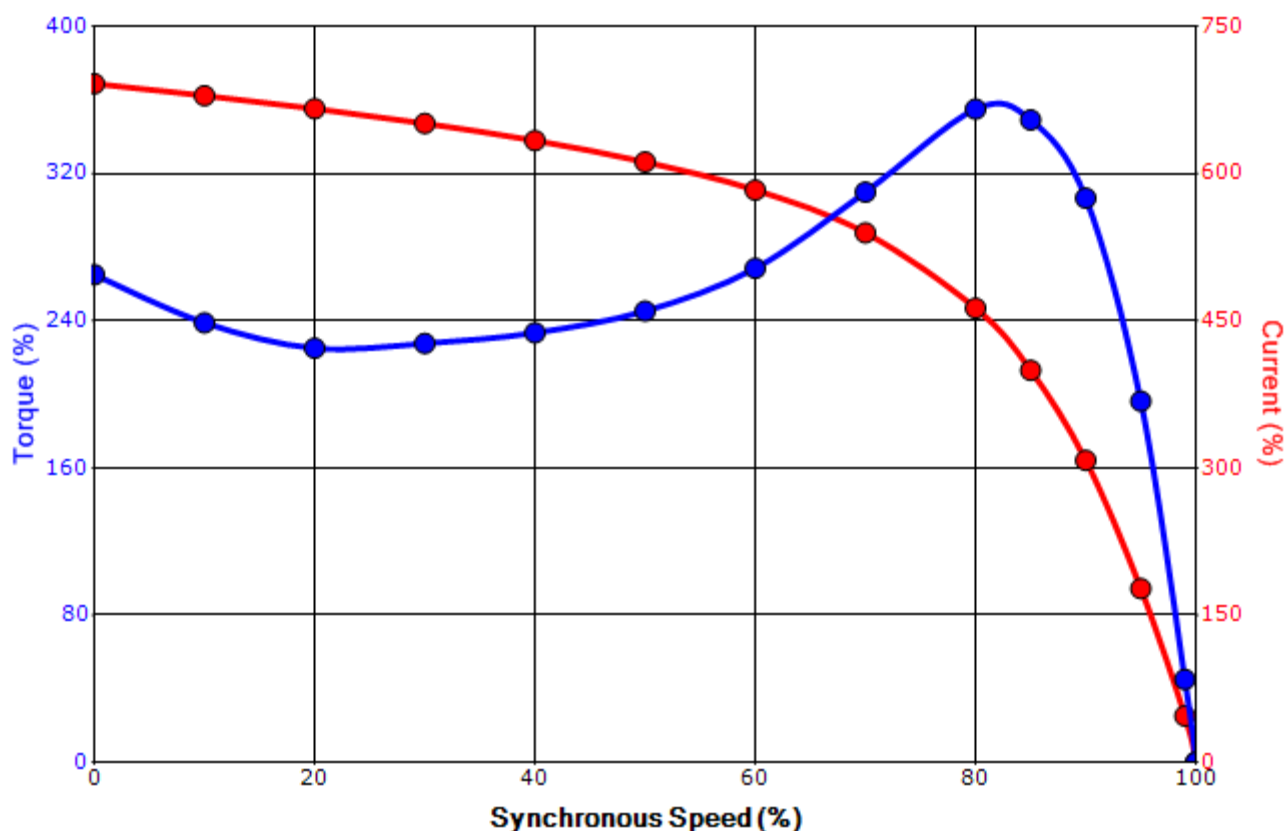
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SPEED TORQUE/CURRENT CURVE

Model: 0102XDSC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	2	3510	215TC	575	60	3	9.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	56	F	1.15	CONT	90.2	B	G	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)			
63	0.62	15	265	235	355			

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.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

Engineering	garce	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121/1
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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.