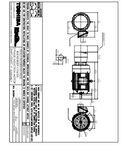

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TYPICAL MOTOR PERFORMANCE DATA

Model: 0154SDBC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	4	1770	254TC	575	60	3	16.1
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	55	F	1.15	CONT	92.4	B		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	15.00	11.2	16.1	92.5	75.5
¾ Load	11.25	8.4	12.9	91.6	71.2
½ Load	7.50	5.6	10.0	89.2	62.5
¼ Load	3.75	2.8	6.8	82.5	49.6
No Load			7.8		4.7
Locked Rotor			93		37.3

Torque				Rotor wk² Inertia
Full Load (lb-ft)	**Locked Rotor (% FLT)**	**Pull Up (% FLT)**	**Break Down (% FLT)**	**(lb-ft²)**
44.5	235	175	275	2.32

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight
Cold	**Hot**		**DE**	**NDE**	**(lbs)**
35	15	-	6309ZZC3	6309ZZC3	346

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

Motor Options:
Product Family:EQP Global Brake
Mounting:C-Face Footed,Shaft:T Shaft
Brake Torque (lb-ft): 75.00

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
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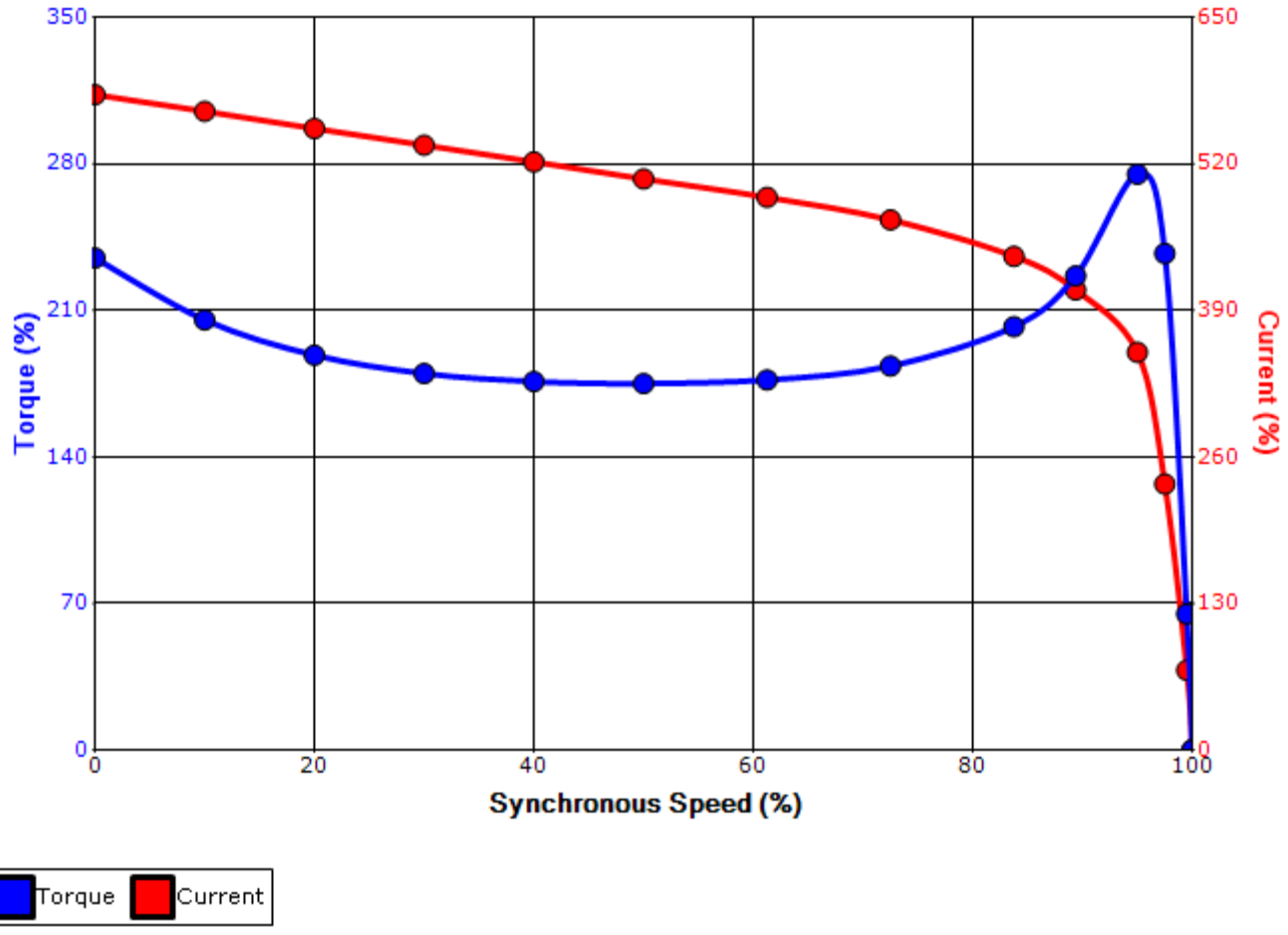
SPEED TORQUE/CURRENT CURVE

Model: 0154SDBC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	4	1770	254TC	575	60	3	16.1
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	55	F	1.15	CONT	92.4	B		40 C

Locked Rotor Amps	Rotor wk² Inertia (lb-ft²)	Torque			
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)	Break Down (%)
93	2.32	44.5	235	175	275

Design Values



Customer		**wk² Load Inertia (lb-ft²)**	-
Customer PO		**Load Type**	-
Sales Order		**Voltage (%)**	100
Project #		**Accel. Time**	-

Tag:

All characteristics are average expected values.

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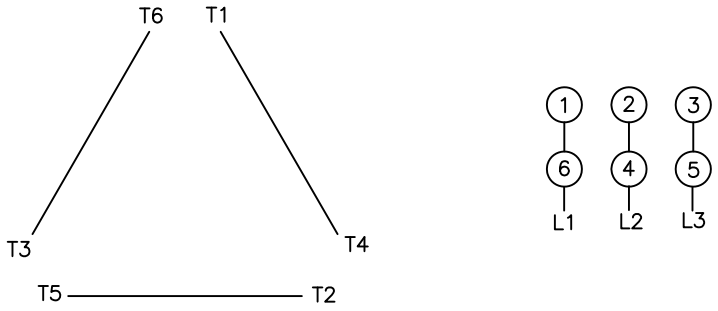
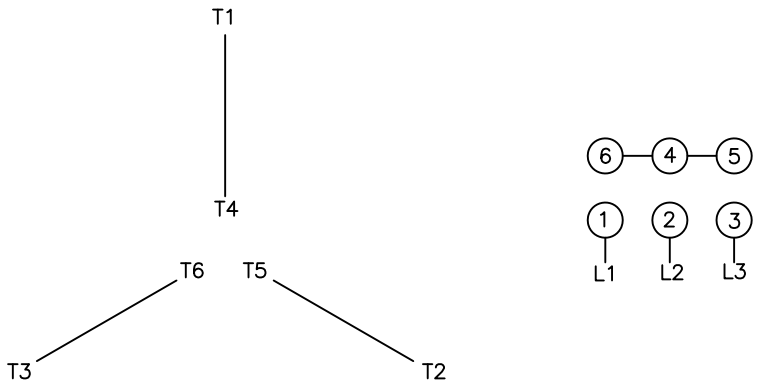
Motor Connection Diagrams
6 Leads

Across the Line Starting / Run - Delta:



Alternate Starting Connection - Wye:



Switch L1 and L2 to reverse rotation

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SPARE PARTS LIST*

Model: 0154SDBC44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	4	1770	254TC	575	60	3	16.1
Enclosure	**IP**	**Ins. Class**	**S.F.**	**Duty**	**NEMA Nom. Eff.**	**NEMA Design**	**kVA Code**	**Ambient (°C)**
TEFC	55	F	1.15	CONT	92.4	B		40 C

Bearings DE	6309ZZC3 / 45BC03JPP3OX
Bearings NDE	6309ZZC3 / 45BC03JPP3OX

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

Other than the grease used for regreasable bearings and the oil used for oil-lubricated bearings, Toshiba advises that there are no "use" parts. The only insurance spares that Toshiba suggests for these squirrel-cage induction motors are industry-standard and commercially available off-the-shelf bearings as noted above.

Motor components such as terminal boxes, fan covers and other machined parts are available on special request. In these cases, please advise our order entry department of the model and serial numbers found on the motor nameplate and a description of the needed components. With this information they will be able to furnish the current part number, price and availability.

Note: Our internal part numbers are subject to change without notice and are not published.

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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

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