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NOTES:

1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 INCREMENTS

2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE.

3. KEY DIMENSIONS EQUAL

0.375"x 0.375"x 2.88"

(MOTOR SUPPLIED WITH KEY)

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE

PRELIMINARY

X CERTIFIED

DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED





TOTALLY ENCLOSED FAN COOLED **ROUND BODY C-FACED** 3 PHASE INDUCTION MOTOR F1 ASSEMBLY 254TC-256TC

DRAWING #: MDSLV245-04

REV. DATE: 06/30/18 REV. #: 1 PER.: M. O'DOWD

REV. DESCRIP.:

TOSHIBA INTERNATIONAL CORPORATION



Issued Date	7/19/2021	Transmit #	
Issued By	dschoeck	Issued Rev	

TYPICAL MOTOR PERFORMANCE DATA

Model: 0152XSSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	2	3530	254TC	460	60	3	17.7
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	91.0	В		40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	15.00	11.2	17.7	91.6	86.5
¾ Load	11.25	8.4	13.8	90.5	84.1
½ Load	7.50	5.6	10.2	87.9	77.8
¼ Load	3.75	2.8	7.3	79.6	59.7
No Load			5.2		10.3
Locked Rotor			115		32.3

Torque							
Full Load	Full Load Locked Rotor Pull Up Break Down						
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)			
22.3	230	195	280	1.19			

Safe Stall Time(s)		Sound	Bearin	Approx. Motor Weight		
Cold	Hot	Pressure	Bearing	Approx. Wotor Weight		
Cold		dB(A) @ 1M	DE	NDE	(lbs)	
26	17	85	6309ZZC3	6309ZZC3	304	

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

Motor Options: Product Family:EQP Global 840 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	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0			
Engr. Date	10/25/2018	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



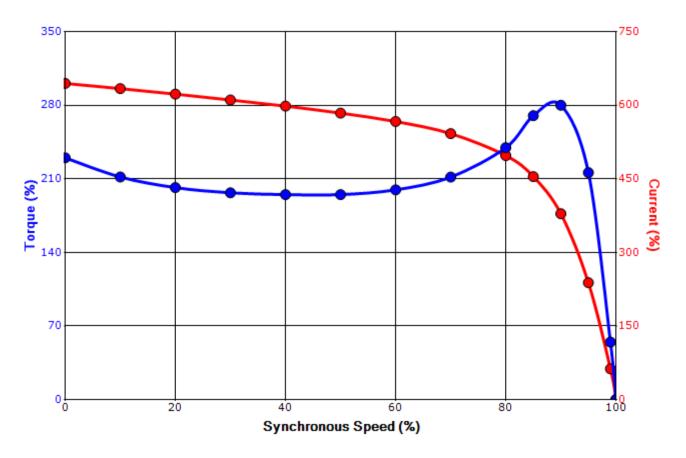
Issued Date	7/19/2021	Transmit #	
Issued By	dschoeck	Issued Rev	

SPEED TORQUE/CURRENT CURVE

Model: 0152XSSB44A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	2	3530	254TC	460	60	3	17.7
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	91.0	В		40 C
Locked Rotor	Rotor wk ²	Torque						
Amps	Inertia	Full Load	ull Load Locked Rotor		Pull Up		Break Down	
Allips	(lb-ft²)	(lb-ft)	(%	6)	(%)		(%	6)
115	1.19	22.3	230		195		28	30

Design Values





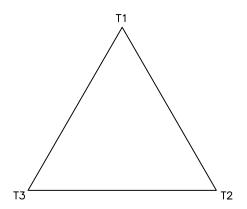
Customer	wk² Load Inertia (lb	ft²) -
Customer PO	Load T	/pe -
Sales Order	Voltage	(%) 100
Project #	Accel. T	me -

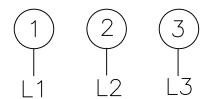
Tag:

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.							
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0		
Engr. Date	10/25/2018	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011		

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.

By: R. Murillo Date: 4/9/08 Checked: MDC Date: 5/17/11 Revision 0