	╞┼╉┄┄╌╴╞┤	0.313 *0.002 0.00 0.00 00 00 00 00 00 00 00	NOTES: 1. MAIN CONDUIT BOX MAY BE ROTATED IN 90 INCREMENTS
UNITS: INCHES BEARINGS APPROX. LS OS WEIGHT 6308ZZC3 6308ZZC3 186 lbs			2. STANDARD PRODUCT USE BI-DIRECTIONAL FAN. OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE. 3. KEY DIMENSIONS EQUAL (MOTOR SUPPLIED WITH KEY)
CUSTOMER: MOTOR MOI P.O. NO.: HP: VOLTAGE: FRAME SIZE: 210T PRODUCT TYPE: COOLING TOWE COMMENTS:	RPM(SYN.): HZ:	TAG NUMBERS	X STANDARD (NO AUX. BOXES) Image: Constraint of the state of the sta
PER:	DATE:		BEARING RTD's
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICA	L IMPROVEMENT AND THE DATA MAY	CHANGE WITHOUT NOTICE	X PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATIO	N PURPOSES UNLESS THE DRAWING	IS MARKED AS CERTIFIED	CERTIFIED
TOSHIBA INTERNATIONAL CORPORATION	MDSLV503 TOTALLY ENCLOSED 3 PHASE INDUCTIO F1 ASSEM	FAN COOLED ON MOTOR	ECPEDATCT XT SERIES www.toshiba.com/ind



Model: Y754SDGR41A-P

kW

5.5

IP

56

ΗP

7.50

5.62

3.75

1.87

Pole

4

Ins. Class

F

kW

5.6

4.2

2.8

1.4

HP

7.50

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load Locked Rotor

		Issued Date	6/20/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
ТҮР	ICAL MOTO	R PERFORM	ANCE DATA			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1770	213T	230/460	60	3	20.6/10.3
SS	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	4.45					
	1.15	CONT	91.7	В		40 C
	Amp		91.7 Efficiency		Power Fa	40 C
	Amp					
	Amp 10	eres	Efficiency		74	actor (%)
	Amp 10 8	eres 0.3	Efficiency 91.8		74 68	actor (%) I.6
	Amp 10 8 6	eres 0.3 .4	Efficiency 91.8 90.5		74 68 58	actor (%) I.6 3.8
	Amp 10 8 6 4 5	eres).3 .4 .8	Efficiency 91.8 90.5 87.5		74 68 58 46 5	actor (%) 1.6 3.8 3.4

	Torque	e		Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)
22.3	260	195	315	1.15

Safe Stall	Time(s)	Sound	Bearin	une*	Approx. Motor Weight
Cold	Hot	Pressure	Dealin	95	Approx. Motor Weight
0010	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6308ZZC3	6308ZZC3	

*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.

	TOSHIBA INTE	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1119 / 0
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Model: Y754SDGR41A-P

kW

5.5

IP

56

ΗP

7.50

5.62

3.75

1.87

Pole

4

Ins. Class

F

kW

5.6

4.2

2.8

1.4

	Issued Date	6/20/20	25	Transmit #	
	Issued Date	dschoe		Issued Rev	
L MOTOI	R PERFORM	ANCE DATA			
LRPM	Frame	Voltage	Hz	Phase	FL Amps
1450	213T	190/380	50	3	22.8/11.4
S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
1.0	CONT	90.5	В		40 C
Amp		Efficiency	y (%)	Power Fa	ctor (%)
11	.4	90.6		82.	.7
9.	.0	90.2		78.	.1
	.0	88.2		68.	
4	.7	81.8		54.	.2
4.	.5			6.3	3

42.0

	Torque			Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft ²)
27.2	220	165	275	1.15

66

Safe Stall	Time(s)	Sound	Bearin	NA6*	Approx. Motor Weight
Cold	Hot	Pressure	Dealin	95	Approx. Motor Weight
Colu	HOL	dB(A) @ 1M	DE	NDE	(lbs)
32	23	-	6308ZZC3	6308ZZC3	

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

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

Customer PO Sales Order Project #

Tag:

Customer

All characteristics are average expected values.

	TOSHIBA INTE	RNATIONAL CORPORATION ·	HOUSTON, TEXAS U.S.A.		
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1119 / 0
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ΗP

7.50

Enclosure

TEFC

Load

Full Load 3/4 Load

1/2 Load

1/4 Load No Load

Locked Rotor

Leading Innovation >>>

TYPICAL MC



HP

7.50

Enclosure TEFC

Locked Rotor

Amps

63

350

280

		Issued Date	6/20/202	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1770	213T	230/460	60	3	20.6/10.3
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	91.7	В		40 C
			Torque			
Ι	Locked		Pull U	0	Break	
	(%		(%)		(%	
	26	0	195		31	15
	Des	sign Valu	es			00
						40
_						⁸⁰ ი
	• •				q	<u> </u>

Model: Y754SDGR41A-P

kW

5.5 IP

56

Rotor wk²

Inertia

(lb-ft²)

1.15

.

Pole

4

Ins. Class

F

Full Load

(lb-ft)

22.3

210 210 140 70 0 0 0 0	20 Current	40 Synchronous Spee	60 80 ed (%)	3	⁸⁰ Current (%) 20
Customer			wk ² Load Inertia (Ib-ft ²)		
Customer PO			Load Type		
Sales Order			Voltage (%)		0
Project #		ļ	Accel. Time	-	
Tag: All characteristics are average e		RNATIONAL CORPORATION ·			
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engineering Engr. Date	5/5/2025	Doc. Written By Doc. Approved By			6/8/2011
Engr. Date	01012020	Doc. Approved By		Doc. Issued	0/0/2011



HP

7.50

Enclosure

TEFC

Locked Rotor

Amps

66

350

280

Model: Y754SDGR41A-P

kW

5.5

IP

56

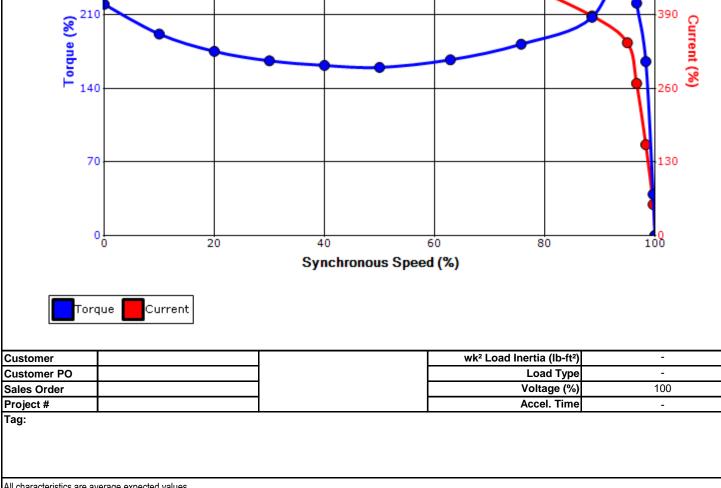
Rotor wk²

Inertia

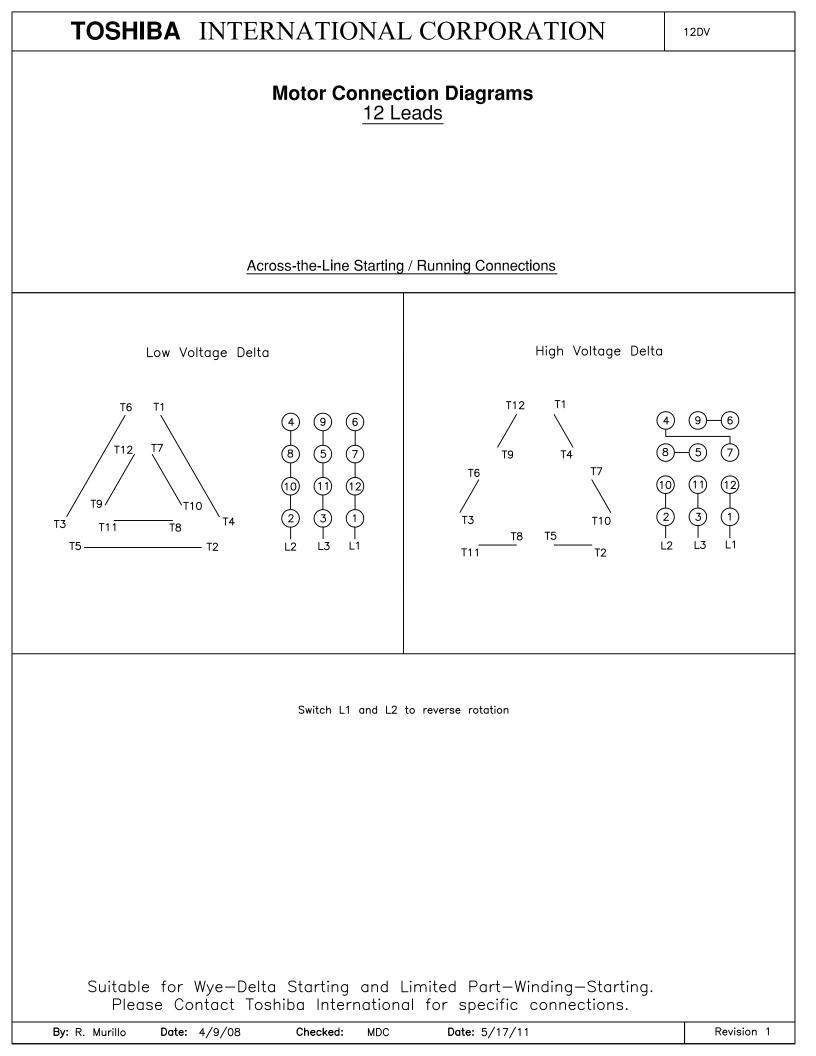
(lb-ft²)

1.15

		Issued Date	6/20/20	25	Transmit #	
		Issued By	dschoe	ck	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
4	1450	213T	190/380	50	3	22.8/11.4
Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
F	1.0	CONT	90.5	В		40 C
			Torque			
Full Load	Locked		Pull U	р	Break	
(lb-ft)	(%	b)	(%)		(%	5)
						-
27.2	Des		165		27	5
27.2		0	165			50
27.2		0	165		5	



All characteristics are average expected values.								
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Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



	Issued Date:	6/20/2025
TOSHIBA	Issued By:	dschoeck
Leading Innovation >>>	SPARE PARTS LIST*	
Model: Y754SDGR41A-P		

kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
5.5	4	1770	213T	230/460	60	3	20.6/10.3
IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
56	F	1.15	CONT	91.7	В		40 C
6308ZZC3 / 4	0BC03JPP3OX						
6308ZZC3 / 40BC03JPP3OX							
	5.5 IP 56 6308ZZC3 / 4	5.5 4 IP Ins. Class 56 F 6308ZZC3 / 40BC03JPP3OX	5.5 4 1770 IP Ins. Class S.F. 56 F 1.15 6308ZZC3 / 40BC03JPP3OX	5.5 4 1770 213T IP Ins. Class S.F. Duty 56 F 1.15 CONT 6308ZZC3 / 40BC03JPP3OX	5.5 4 1770 213T 230/460 IP Ins. Class S.F. Duty NEMA Nom. Eff. 56 F 1.15 CONT 91.7 6308ZZC3 / 40BC03JPP3OX	5.5 4 1770 213T 230/460 60 IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design 56 F 1.15 CONT 91.7 B 6308ZZC3 / 40BC03JPP3OX	5.5 4 1770 213T 230/460 60 3 IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design kVA Code 56 F 1.15 CONT 91.7 B 6308ZZC3 / 40BC03JPP3OX

Transmit #: Issued Rev:

*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.							
Engineering	bmammen	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0		
Engr. Date	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011		