



Model: 0104SDSR42A-P

kW

7.5

IP

55

HP

10.00

7.50

5.00

2.50

Pole

4

Ins. Class

F

kW

7.5

5.6

3.7

1.9

		Issued Date	6/19/20	25	Transmit #	
		Issued By	dschoeck		Issued Rev	
TYP	ICAL MOTOF	R PERFORM	ANCE DATA			
e	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1770	215TC	230/460	60	3	26.4/13.2
ass	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	91.7	В		40 C
'	Ampo		Efficienc	y (%)	Power Fa	actor (%)
5	13	.2	91.9		77.0	
	10.8		90.9		71.5	
	8.6		88.4		61.4	
7	-	-				
6 7 9	8. 5.	-	82.0		48	.9
7	-	8			48 5. 43	0

	Torque			Rotor wk ²
Full Load	Locked Rotor	Pull Up	Break Down	Inertia
(lb-ft)	(% FLT)	(% FLT)	(% FLT)	(lb-ft²)
29.7	305	225	350	1.33

Safe Stall Time(s)		Sound	Bearin	Approx. Motor Weight	
Cold	Hot	Pressure	Bealin	Approx. Motor Weight	
Cold	not	dB(A) @ 1M	DE	NDE	(lbs)
35	15	-	6308ZZC3	6308ZZC3	198

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

Motor Options: Product Family:EQP Global SD CFace Footed Mounting:C-Face Footed,Shaft:T Shaft

Customer PO Sales Order Project #

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 5/5/2025 Engr. Date Doc. Approved By M. Campbell Doc. Issued 6/8/2011

Leading Innovation >>>

HP

10

Enclosure

TEFC

Load

Full Load

3/4 Load

1⁄₂ Load

1/4 Load No Load Locked Rotor

Tag:

Customer



Issued By	dschoeck	Issued Rev
	IANCE DATA	

Issued Date

6/19/2025

Transmit #

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1455	215TC	190/380	50	3	31.2/15.6
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0	CONT	89.5	B		40 C
		· · · ·			F //:	- (0/)	D	
oad	HP 10.00	kW 7.5	Amp 15		Efficiency 89.9		Power Fa	
ull Load	7.50	5.6	13		89.9		76	
Load Load	5.00	3.7	9.		88.3		68	
Load	2.50	1.9	6.		82.7		53	
o Load	2.00	1.0	6.		02.1		4.	
ocked Rotor			8				39	
36.		20	00		155		275	1.33
Safe Stall		Sound Pressure		Bearing	gs*		Approx. Mo	otor Weight
							(lbs)	
Cold	Hot	dB(A) @ 1M	DI		NDE			
35 Bearings are the only re	15	-	DI 63082		NDE 6308ZZ			98
35	15 ecommended spare	e part(s).						
35 Bearings are the only re lotor Options: Product Family:EQI Jounting:C-Face F	15 ecommended spare	e part(s).						
35 Bearings are the only re lotor Options: roduct Family:EQ Mounting:C-Face F	15 ecommended spare	e part(s).						
35 earings are the only re otor Options: roduct Family:EQ tounting:C-Face F ustomer ustomer PO ales Order	15 ecommended spare	e part(s).						
35 earings are the only re roduct Family:EQI tounting:C-Face F ustomer ustomer PO ales Order roject #	15 ecommended spare	e part(s).						
35 earings are the only re roduct Family:EQI tounting:C-Face F ustomer ustomer PO ales Order roject # ag:	15 ecommended spare P Global SD CF ooted,Shaft:T S	e part(s). Face Footed haft	63082	22C3	6308ZZ	C3		
35 earings are the only re otor Options: roduct Family:EQ tounting:C-Face F ustomer ustomer PO	15 ecommended spare P Global SD CF ooted,Shaft:T S	e part(s).	63082	22C3	6308ZZ	C3		



HP

10

Enclosure

TEFC

Locked Rotor

Amps

87

400

320

Model: 0104SDSR42A-P

kW

7.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

1.33

Pole

4

Ins. Class

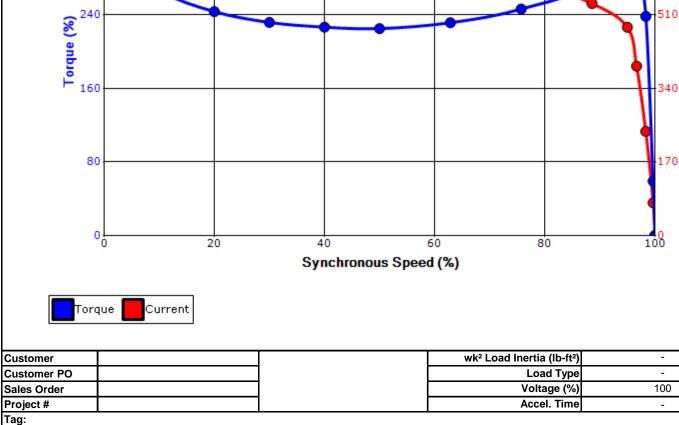
F

Full Load

(lb-ft)

29.7

			0/40/00	00		
		Issued Date	6/19/20		Transmit #	
		Issued By	dschoe	eck	Issued Rev	
P		UE/CURREN	T CURVE			
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
	1770	215TC	230/460	60	3	26.4/13.2
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.15	CONT	91.7	В		40 C
			Torque			
	Locked		Pull U	lp	Break I	
	(%		(%)		(%)	
	30	5	225		350	
	Des	ign Value	es			
	Des	ign Value	es		Λ	50
	Des	sign Value	es		61	80
	Des	sign Value	es		61	80



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	5/5/2025	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



HP

10

Enclosure

TEFC

Locked Rotor

Amps

86

350

	Issued Date		6/19/2025		Transmit #	
	Issued By		dschoec	k	Issued Rev	
S	PEED TORQ	UE/CURREN	IT CURVE			
T	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
t	1455	215TC	190/380	50	3	31.2/15.6
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
	1.0	CONT	89.5	В		40 C
			Torque			
ſ	Locked		Pull Up)	Break	
	(%		(%)		(%	
	20	0	155		275	
	Des	sign Valu	es			50
					5	20
					$ \Lambda $	90
					~	Current (

S

Model: 0104SDSR42A-P

kW

7.5

IP

55

Rotor wk²

Inertia

(lb-ft²)

1.33

Pole

4

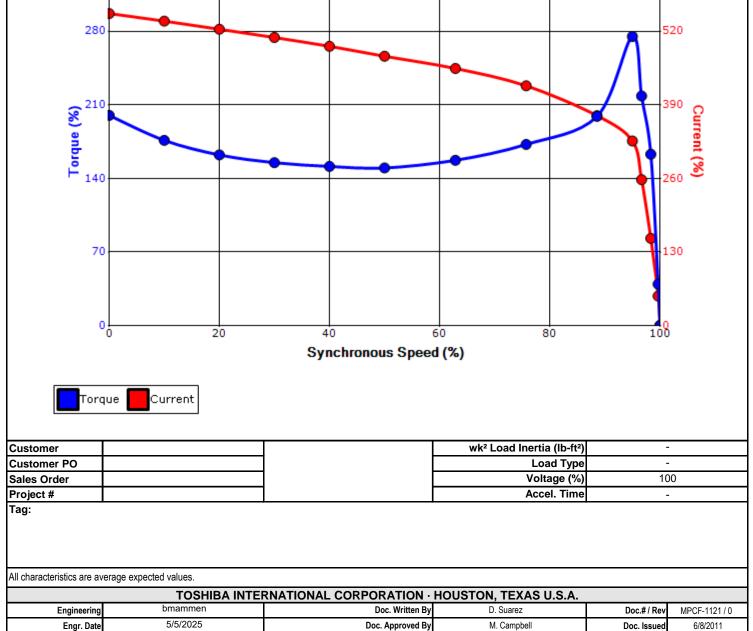
Ins. Class

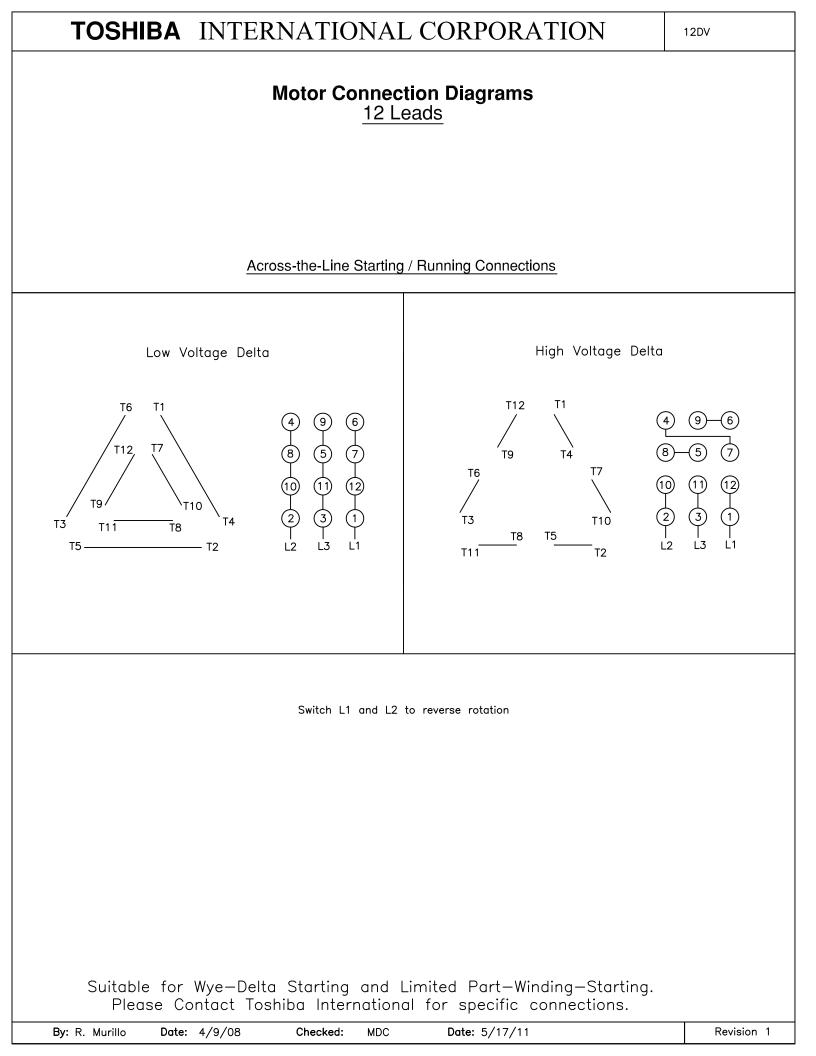
F

Full Load

(lb-ft)

36.1





TOSHIBA	Issued Date: Issued By:	6/19/2025 dschoeck
Leading Innovation >>>	SPARE PARTS LIST*	

					-			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1770	215TC	230/460	60	3	26.4/13.2
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.15	CONT	91.7	В		40 C
Bearings DE	6308ZZC3 / 4	0BC03JPP3OA						
Bearings NDE	6308ZZC3 / 4	0BC03JPP3OA						

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				