



Issued By dschoeck Issued Rev TYPICAL MOTOR PERFORMANCE DATA	
TYPICAL MOTOR PERFORMANCE DATA	
FL RPM Frame Voltage Hz Phase F	L Amps
1175 284TC 230/460 60 3 3	9.2/19.6
iss S.F. Duty NEMA NEMA kVA Code A	mbient (°C)
1.15 CONT 91.7 B	40 C

Model: 0156SDSR42A-P

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	6	1175	284TC	230/460	60	3	39.2/19.6
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
oad	HP	kW	Ampe	eres	Efficiency	r (%)	Power Fa	actor (%)
ull Load	15.00	11.2	19.		92.2	(,	77	. ,
Load	11.25	8.4	15.		91.8		72	
2 Load	7.50	5.6	12.		89.9		62	
Load	3.75	2.8	8.3		84.8		49	
lo Load			9.3				4.	
ocked Rotor			11				43	
Full L	oad	Locke	Torque d Rotor		ll Up	Brea	ak Down	Rotor wk ² Inertia
(lb-f			FLT)		FLT)		6 FLT)	(lb-ft²)
67.			55		65	(/	285	4.68
Safe Stall	Time(s)	Sound						
Cold	Hot	Pressure		Bearings*			Approx. Motor Weight	
0014		dB(A) @ 1M	DE		NDE		(lb	s)
35	15	-	63102	6310ZC3 6310ZC3		399		
Rearings are the only r	ecommended spar	a nart(s)		I				
Notor Options: Product Family:EQ	P Global SD CF	ace Footed						
Bearings are the only n Motor Options: Product Family:EQ Mounting:C-Face F	P Global SD CF	ace Footed						
Notor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO	P Global SD CF	ace Footed						
Notor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Sales Order	P Global SD CF	ace Footed						
Notor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO Gales Order Project #	P Global SD CF	ace Footed						
Notor Options: Product Family:EQ Mounting:C-Face F Customer Sustomer PO Sales Order Project #	P Global SD CF	ace Footed						
otor Options: Product Family:EQ Iounting:C-Face F ustomer ustomer PO ales Order roject # ag:	P Global SD CF ooted,Shaft:T S	ace Footed haft						
International States of the second states of the se	P Global SD CF ooted,Shaft:T S	ace Footed haft	RNATIONAL CO			AS U.S.A.		
Notor Options: Product Family:EQ Mounting:C-Face F Customer Customer PO	P Global SD CF ooted,Shaft:T S	ace Footed haft	RNATIONAL CO	RPORATION - Doc. Written By Doc. Approved By	HOUSTON, TEX D. Suarez M. Campb	AS U.S.A.	Doc.# / Rev Doc. issued	MPCF-1119 / 0 6/8/2011



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TYPICAL MOTOR PERFORMANCE DATA

Issued Date

Issued By

6/19/2025

dschoeck

Transmit #

Issued Rev

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
15	11	6	965	284TC	190/380	50	3	46/23	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
TEFC	55	F	1.0	CONT	88.7	B		40 C	
		<u> </u>	1.0	CONT					
oad	HP	kW	Ampe		Efficienc			actor (%)	
ull Load	15.00	11.2	23		89.2			.3	
Load	11.25	8.4	18		89.8			7.5	
2 Load	7.50 3.75	5.6 2.8	13 9.:		88.9 84.5			3.7 1.4	
Load	5.75	2.0	9.:		04.3			.3	
lo Load ocked Rotor			9 11					.3 2.8	
Full Lo (lb-fi 81.6	t)	(%	Torque d Rotor FLT) 85	Pu (%	III Up FLT) 135		ak Down % FLT) 225	Rotor wk ² Inertia (Ib-ft ²) 4.68	
Cold	Hot	Pressure dB(A) @ 1M	DE	-	NDE			(lbs)	
35	15	-						-	
35 Bearings are the only re	15 ecommended spare	-	6310		6310Z(99	
	ecommended spare	- e part(s). ace Footed						-	
Bearings are the only re Totor Options: Product Family:EQI Nounting:C-Face F	ecommended spare	- e part(s). ace Footed						-	
Bearings are the only re lotor Options: roduct Family:EQI lounting:C-Face F ustomer ustomer PO	ecommended spare	- e part(s). ace Footed						-	
iearings are the only re lotor Options: roduct Family:EQI founting:C-Face F ustomer ustomer PO ales Order	ecommended spare	- e part(s). ace Footed						-	
earings are the only re otor Options: roduct Family:EQI lounting:C-Face F ustomer ustomer PO ales Order roject #	ecommended spare	- e part(s). ace Footed						-	
earings are the only re roduct Family:EQI tounting:C-Face F ustomer ustomer PO ales Order roject # ag:	ecommended spare		6310	ZC3	63102(23		-	
earings are the only re otor Options: roduct Family:EQI tounting:C-Face F ustomer ustomer PO	ecommended spare		6310	ZC3	63102(C3		99	



HP

15

Enclosure

TEFC

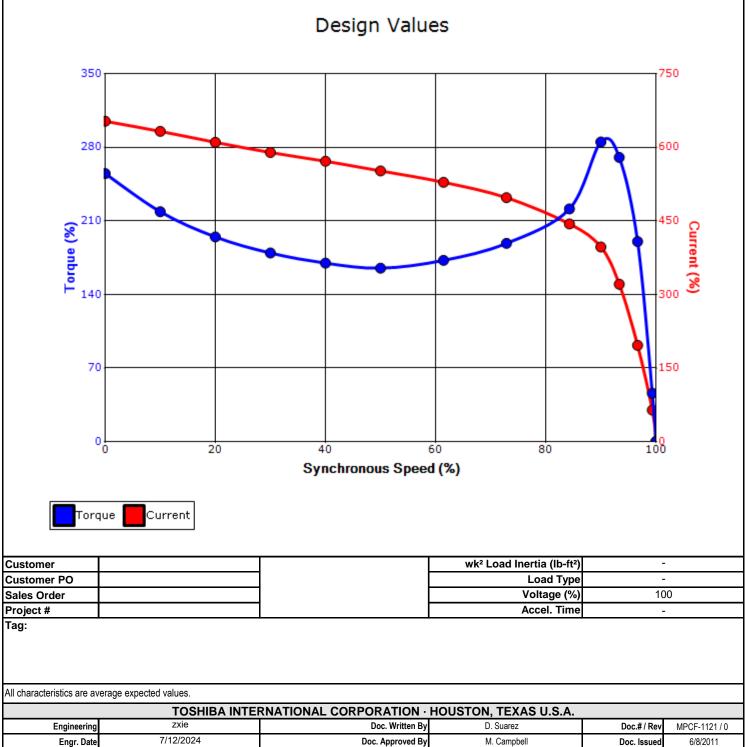
Locked Rotor

Amps

118

Engr. Date

		Issued Date	6/19/202	6/19/2025			
		Issued By dschoeck			Issued Rev		
S	PEED TORQ	UE/CURREN	IT CURVE				
	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
	1175	284TC	230/460	60	3	39.2/19.6	
	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
	1.15	CONT	91.7	В		40 C	
			Torque				
	Locked		Pull Up)	Break Down		
	(%	-	(%)		(%)		
	25	55	165		28	285	
	Des	sign Valu	es			50	
						.00	
						00	



Doc. Approved By

6/8/2011

Doc. Issued

Model: 0156SDSR42A-P

kW

11

IP

55

Rotor wk²

Inertia

(lb-ft²)

4.68

Pole

6

Ins. Class

F

Full Load

(lb-ft)

67.0



HP

15

Enclosure

TEFC

Locked Rotor

Amps

115

300

240

Model: 0156SDSR42A-P

kW

11

IP

55

Rotor wk²

Inertia

(lb-ft²)

4.68

Pole

6

Ins. Class

F

Full Load

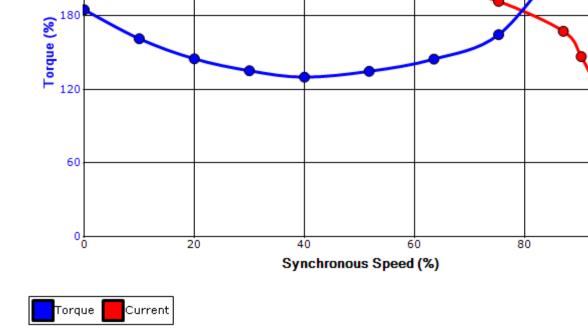
(lb-ft)

81.6

:5)25	Transmit #		
k	eck	Issued Rev		
Hz	Hz	Phase	FL Amps	
50	50	3	46/23	
NEMA Design		kVA Code	Ambient (°C)	
В	В		40 C	
1	р	Break Down		
		(%)		
		22	25	
			:00 :80	
			360 Curren	
	•			

120

108

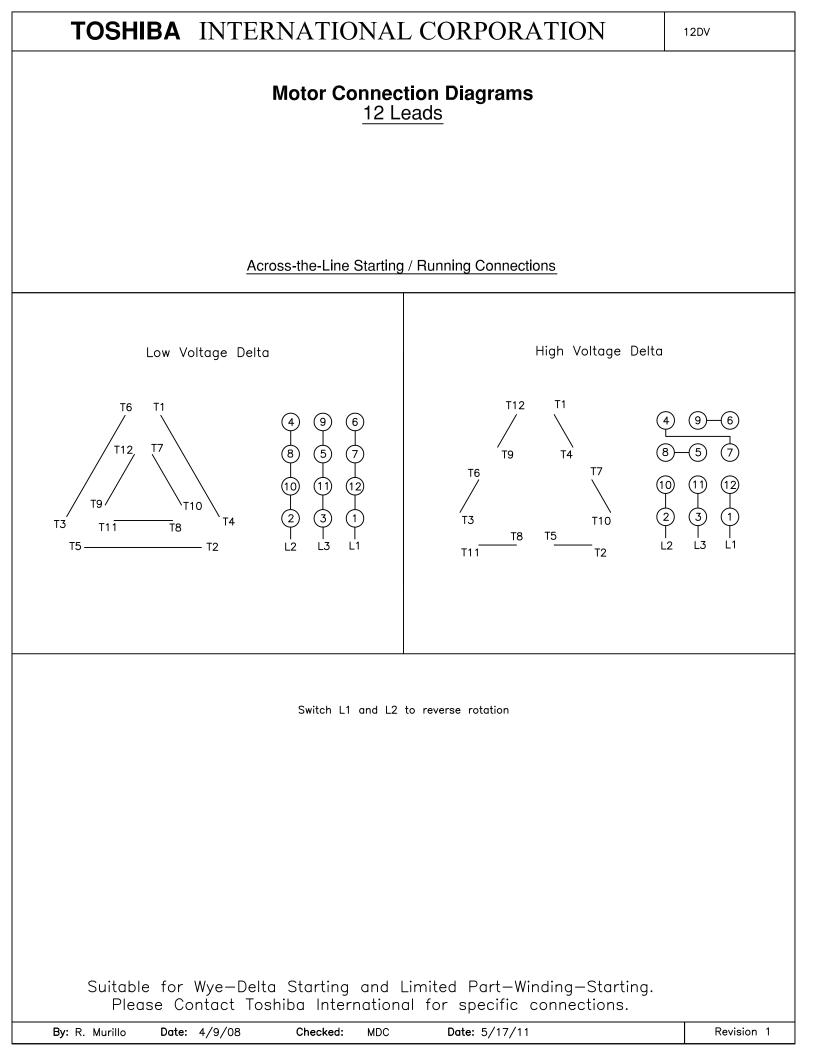


Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1121 / 0			
Engr. Date	7/15/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			



		Issued Date:	6/19/2025
TOSHIBA		Issued By:	dschoeck
Leading Innovation >>>	SPARE	E PARTS LIS	ST*
Model: 0156SDSR42A-P			

Model: 0156SDSR42A-P

Niouei	01303031(42/							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	6	1175	284TC	230/460	60	3	39.2/19.6
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	6310ZC3 / 50	BC03JP3OX						
Bearings NDE	6310ZC3 / 50	BC03JP3OX						

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	zxie	Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0				
Engr. Date	7/12/2024	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				