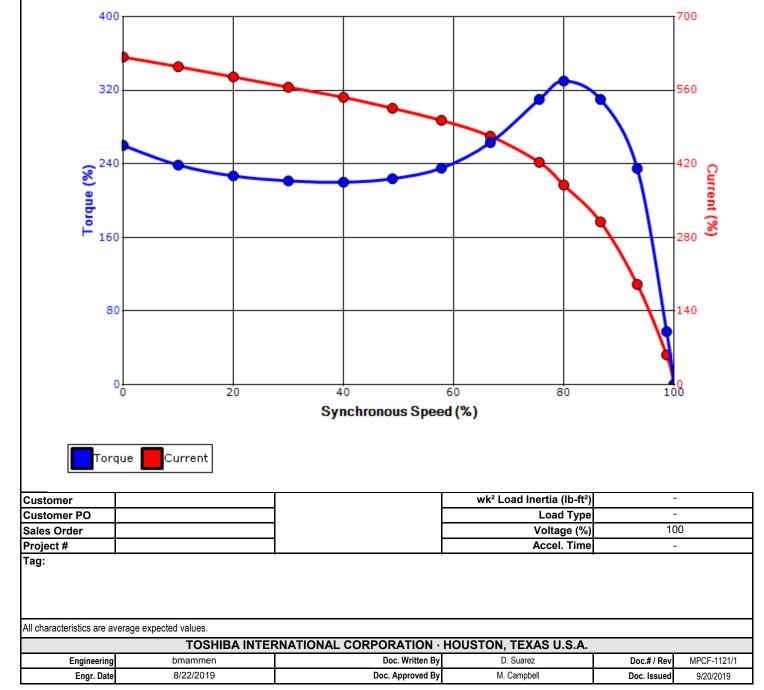


10 7.5 4 1760 215TC 230/460 60 3 22 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code A TEFC 55 F 1.15 CONT 91.7 B H A Load HP KW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 ½ Load 7.50 5.6 10.1 91.0 76.2 ½ Load 5.00 3.7 7.8 88.9 67.1 ½ Load 2.50 1.9 6.1 81.7 46.3 No Load E.7 B H A A Full Load Locked Rotor Pull Up Break Down (% FLT) R 29.8 260 225 330 1 29.8 260 225 330 1	L Amp 26/12.8 Ambien (°C) 40 C
TYPICAL MOTOR PERFORMANCE DATA Model: 0104SDSR42A-P HP KW Pole FL RPM Frame Voltage Hz Phase FI 10 7.5 4 1760 215TC 230/460 60 3 22 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. Design kVA Code A TEFC 55 F 1.15 CONT 91.7 B H - Load HP KW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 ½ Load 7.50 5.6 10.1 91.0 76.2 ½ Load 5.00 3.7 7.8 88.9 67.1 ¼ Load 2.50 1.9 6.1 81.7 46.3 No Load Error 81 45.7 46.3 Locked Rotor 81 250 330 1 29.8 260 225 330 1	26/12.8 Ambien (°C) 40 C
TYPICAL MOTOR PERFORMANCE DATA Mode: 0104SDSR42A-P HP KW Pole FL RPM Frame Voltage Hz Phase Fl 10 7.5 4 1760 215TC 230/460 60 3 2 Enclosure IP Ins. Class S.F. Duty NEMA NEMA NEMA TEFC 55 F 1.15 CONT 91.7 B H - Load HP KW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 ½ Load 7.50 5.6 10.1 91.0 76.2 ½ Load 5.00 3.7 7.8 88.9 67.1 ½ Load 2.50 1.9 6.1 81.7 46.3 No Load Efficiency (%) Preset Down Rd Locked Rotor 81 250 330 45.7 Load Locked Rotor Pull Up Break Down Rd (lb-ft) <	26/12.8 Ambien (°C) 40 C
HP KW Pole FL RPM Frame Voltage Hz Phase FI 10 7.5 4 1760 215TC 230/460 60 3 2 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code A TEFC 55 F 1.15 CONT 91.7 B H . Load HP kW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 % Load 7.50 5.6 10.1 91.0 76.2 % Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 45.7 6.0 45.7 Locked Rotor 81 45.7 45.7 45.7 29.8 260 225 330 1 29.8 260 225 330 1	26/12.8 Ambien (°C) 40 C
10 7.5 4 1760 215TC 230/460 60 3 2 Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code A TEFC 55 F 1.15 CONT 91.7 B H A Load HP kW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 % Load 5.00 3.7 7.8 88.9 67.1 % Load 5.00 3.7 7.8 88.9 67.1 % Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 45.7 6.0 Locked Rotor 81 91.0 81.7 46.3 Vo Load 2.50 3.30 2.330 2.330 Safe Stall Time(s) Sound Bearings* Ampore Motor V	26/12.8 Ambien (°C) 40 C
Enclosure IP Ins. Class S.F. Duty NEMA Nom. Eff. NEMA Design KVA Code A TEFC 55 F 1.15 CONT 91.7 B H Image: constraint of the second	Ambien (°C) 40 C
Enclosure IP Ins. Class S.F. Duty Nom. Eff. Design kVA Code TEFC 55 F 1.15 CONT 91.7 B H Image: contrast of the second sec	(°C) 40 C
TEFC 55 F 1.15 CONT 91.7 B H Load HP kW Amperes Efficiency (%) Power Factor Full Load 10 7.5 12.7 91.6 80.2 ½ Load 7.50 5.6 10.1 91.0 76.2 ½ Load 5.00 3.7 7.8 88.9 67.1 ¼ Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 .0 .0 .0 .0	40 C
Full Load 10 7.5 12.7 91.6 80.2 4 Load 7.50 5.6 10.1 91.0 76.2 4 Load 5.00 3.7 7.8 88.9 67.1 4 Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 6.0 6.0 .ocked Rotor 81 45.7 6.0 .ocked Rotor 81 45.7 81 Safe Stall Time(s) Sound Sound Bearings* Approx Motor M	otor wł
Full Load 10 7.5 12.7 91.6 80.2 % Load 7.50 5.6 10.1 91.0 76.2 % Load 5.00 3.7 7.8 88.9 67.1 % Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 6.0 45.7 Locked Rotor 81 81 81.7 46.3 No Load 5.7 6.0 45.7 Locked Rotor 81 45.7 330 45.7 Safe Stall Time(s) Sound Bearings* Approx Motor Mot	otor wł
% Load 7.50 5.6 10.1 91.0 76.2 % Load 5.00 3.7 7.8 88.9 67.1 % Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 6.0 6.0 Locked Rotor 81 45.7 45.7 Full Load Locked Rotor Pull Up Break Down Rown (lb-ft) (% FLT) (% FLT) (% FLT) 1 1 29.8 260 225 330 1 1	
Value 5.00 3.7 7.8 88.9 67.1 Valuad 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 6.0 6.0 Locked Rotor 81 45.7 6.0 45.7 Locked Rotor 81 45.7 6.0 45.7 Safe Stall Time(s) Sound Bearings* Approx Motor Mot	
Xa Load 2.50 1.9 6.1 81.7 46.3 No Load 5.7 6.0 6.0 Locked Rotor 81 45.7 Safe Stall Time(s) Sound Bearings* Approx Motor W	
No Load 5.7 6.0 Locked Rotor 81 45.7 Full Load Locked Rotor Pull Up Break Down (lb-ft) (% FLT) (% FLT) (% FLT) 29.8 260 225 330	
No Load 5.7 6.0 Locked Rotor 81 45.7 Torque Rd Full Load Locked Rotor Pull Up (lb-ft) (% FLT) (% FLT) 29.8 260 225 Safe Stall Time(s) Sound	
Torque Registration Full Load Locked Rotor Pull Up Break Down (lb-ft) (% FLT) (% FLT) (% FLT) 29.8 260 225 330	
Torque Re Full Load Locked Rotor Pull Up Break Down I (lb-ft) (% FLT) (% FLT) (% FLT) (% FLT) 29.8 260 225 330 Safe Stall Time(s) Sound Bearings* Approx Motor M	
Full Load Locked Rotor Pull Up Break Down (lb-ft) (% FLT) (% FLT) (% FLT) 29.8 260 225 330 Safe Stall Time(s) Sound Bearings* Approx Motor M	
(lb-ft) (% FLT) (% FLT) (% FLT) 29.8 260 225 330 Safe Stall Time(s) Sound Bearings* Approx Motor M	merna
29.8 260 225 330 Safe Stall Time(s) Sound Bearings* Approx Motor M	(lb-ft²)
Safe Stall Time(s) Sound Bearings* Approx Motor V	1.34
Bearings: Abbrox Motor V	1.34
Cold Hot Pressure dB(A) @ 1M DE NDE (lbs)	Veight
35 15 - 6308ZZC3 6308ZZC3 205	
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 DO	
Customer PO	
Sales Order	
Project #	
Fag:	
All characteristics are average expected values.	
All characteristics are average expected values. TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. Engineering bmammen Doc. Written By D. Suarez Doc.# / Rev MP	PCF-1119

				Issued Date	12/18/20)19	Transmit #	
		_		Issued By	dschoe	ck	Issued Rev	
TOS	0104SDSR42/	TYF	PICAL MOTO	R PERFORM	ANCE DATA	N		
HP 10	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1450	215TC	190/380	50	3	31/15.5
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	Н	40 C
Load	HP	kW	Amp		Efficiency	/ (%)	Power Fa	actor (%)
Full Load	10	7.5	15	-	91.6		79	-
4 Load	7.50	5.6	11	.7	92.1		75	.7
∕₂ Load	5.00	3.7	8.	-	91.5		66	-
∕₄ Load	2.50	1.9	5.	5	83.6		61	.1
No Load			5.				5.	
ocked Rotor			10	00			44	.7
Full Lo	ad	Locked	Torqu	e Puli	Un	Brea	ak Down	Rotor wi Inertia
(lb-fi		(% F		(% F	•		6 FLT)	(lb-ft²)
36.2	-	20	-	18	-	-	250	(ID-IL-) 1.34
Safe Stall	Time(s)	Sound		Bearing	s*		Approx. Mo	otor Weight
Safe Stall	Time(s) Hot	Sound Pressure dB(A) @ 1M	D	E	NDE		Approx. Mc (Ib	s)
	Hot 14	Pressure dB(A) @ 1M	D 63082	E				s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fr	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fr	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fi Mounting:C-Face Fi Customer PO	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fr Mounting:C-Face Fr Customer Customer PO Sales Order	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fo Mounting:C-Face Fo Customer Customer PO Sales Order Project #	Hot 14 ecommended spar	Pressure dB(A) @ 1M - e part(s).		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face For Mounting:C-Face For	Hot 14 ecommended spare P Global SD CF poted,Shaft:T S	Pressure dB(A) @ 1M - e part(s). Face Footed thaft		E	NDE		(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face For Mounting:C-Face For	Hot 14 ecommended spare P Global SD CF poted,Shaft:T S	Pressure dB(A) @ 1M - e part(s). Face Footed thaft	63082	E ZZC3	NDE 6308ZZ	C3	(Ib	s)
Cold 26 Bearings are the only re Motor Options: Product Family:EQF Mounting:C-Face Fr	Hot 14 ecommended spare P Global SD CF poted,Shaft:T S	Pressure dB(A) @ 1M - e part(s). acce Footed haft	63082	E ZZC3	NDE 6308ZZ	C3	(Ib	s)

				Issued Date	12/18/2019		Transmit #	
		_		Issued By	dschoeck		Issued Rev	
	O104SDSR42A-F	SI		UE/CURREN	F CURVE			
HP	kW	Pole	FL RPM Frame		Voltage	Hz	Phase	FL Amps
10	7.5	4	1760	1760 215TC		60	3	26/12.8
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	Н	40 C
Locked Rotor Amps	Rotor wk ²	Torque						
	Inertia	Full Load Locked R		Rotor Pull Up		Break Down		
	(lb-ft²)	(lb-ft)	(%	(%)		(%)		(%)
81	1.34	29.8	260		225		330	



				Issued Date	12/18/20	19	Transmit #	
		_		Issued By	dschoeck		Issued Rev	
	OTO4SDSR42A-F	SI	PEED TORQ	UE/CURREN	T CURVE			
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
10	7.5	4	1450	215TC	190/380	50	3	31/15.5
Enclosure	IP	Ins. Class	S.F. Duty		NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEFC	55	F	1.0 CONT		89.5	В	Н	40 C
Locked Rotor Amps	Rotor wk ²							
	Inertia	Full Load	Locked Rotor		Pull Up		Break Down	
	(lb-ft²)	(lb-ft)	(%)		(%)		(%)	
100	1.34	36.2	200	200		180		0
			De	sign Valu	es			

