

UNITS: INCHES		NOTES:	
ROTATION FROM NDE		1. MAIN CONDUIT BOX MAY BE ROTATED IN 90° IN	ICREMENTS
		2. STANDARD PRODUCT USES BI-DIRECTIONAL FAN. OPPOS AVAILABLE ONLY BY CONNECTION CHANGE.	SITE ROTATION
		3. KEY DIMENSIONS EQUAL 0.500"x 0.500"x 3.25"	(MOTOR SUPPLIED WITH KEY)
TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHN	NICAL IMPROVEMENT AND THE DATA MAY CHANGE V	VITHOUT NOTICE	PRELIMINARY
DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICAT	ION PURPOSES UNLESS THE DRAWING IS MARKED AS	CERTIFIED	X CERTIFIED
	TOTALLY ENCLOSED FAN COOLED	DRAWING #: MDSLV001-05	
	HORIZONTAL FOOT MOUNTED	REV. DATE: 07/03/18 REV. #: 0	PER.: M. O'DOWD
www.toshiba.com/tic	<b>3 PHASE INDUCTION MOTOR</b>	REV. DESCRIP.:	
TOSHIBA INTERNATIONAL CORPORATION	284T-286T F1 ASSEMBLY		

				Issued Date	12/18/2019		Transmit #	
		_		Issued By	dschoeck		Issued Rev	
	SHIB							
		Т			IANCE DATA			
Model:	0156SDSR41A-P							
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
15	11	6	1175	284T	230/460	60	3	40/19.8
Frieldowne	ID		0.5	Dutu	NEMA	NEMA	kVA Code	Ambient
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	KVA Code	(°C)
TEFC	55	F	1.15	CONT	91.7	В	G	40 C
	•	-		•				
Load	HP	kW	Amp		Efficiency 91.1	(%)	Power Fa	
Full Load	15	11.2		19.8			77.8	
¾ Load	11.25	8.4	16.		90.7		71.	
½ Load	7.50	5.6	13.		88.8		60.1	
1/4 Load	3.75	2.8	11.		81.6		38.	
No Load			9.2				5.7	
Locked Rotor			110	0			46.8	3
			Torqu	•				Rotor wk <sup>2</sup>
Full Lo	ad	Locke	d Rotor		l Up	Bro	ak Down	Inertia
(lb-f			FLT)		FLT)		6 FLT)	(lb-ft²)
67	u)		40	21		(/	260	4.68
01		2	+0	2	10		200	4.00
Safe Stall	Time(s)	Sound		Pooring			Approx Mo	tor Moinht
		Pressure		Bearing	js*		Approx. Mo	tor Weight
Safe Stall Cold	Time(s) Hot		DI	-	ıs* NDE		Approx. Mo (Ib	-
		Pressure	DI 63102	E	NDE		(Ib	s)
Cold	Hot	Pressure		E				s)
Cold 30	<b>Hot</b> 22	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold	<b>Hot</b> 22	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re	<b>Hot</b> 22	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options:	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options:	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP Gi Mounting:Footed,Shaft:	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 22 ecommended spare	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag:	Hot 22 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M -		E	NDE		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer Customer PO Sales Order Project #	Hot 22 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M - e part(s).	63102	E C3	NDE 6310ZC3		(Ib	s)
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag: All characteristics are av	Hot 22 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M - part(s).	63102		NDE 6310ZC3		(lb 44)	s) 3
Cold 30 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:Footed,Shaft: Customer Customer PO Sales Order Project # Tag:	Hot 22 ecommended spare obal SD T Shaft	Pressure dB(A) @ 1M - e part(s).	63102	E C3	NDE 6310ZC3		(Ib	s)

				Issued Date	12/18/2019		Transmit #		
TO				Issued By	dschoeck		Issued Rev		
	<b>SHIE</b> <u>0156SDSR41A-F</u>	TYF	PICAL MOTO	R PERFORM	IANCE DATA				
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps	
15	11	6	960	284T	190/380	50	3	48/24	
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)	
TEFC	55	F	1.0	CONT	88.5	В	G	40 C	
Load	HP	kW	Amp		Efficiency	(%)	Power Fa		
Full Load	15	11.2	24.		91.7		75.		
<sup>3</sup> ⁄4 Load	11.25	8.4	18.	5	92.0		71.	5	
½ Load	7.50	5.6	14.		91.2		62.		
1/4 Load	3.75	2.8	9.7	7	83.6		52.3	2	
No Load			9.1	1			5.7	1	
Locked Rotor			13	0			47.	1	
			_						
			Torqu					Rotor wk <sup>2</sup>	
Full L		Locked			ll Up		ak Down	Inertia	
(lb-		(% FLT)			FLT)	(% FLT)		(lb-ft²)	
82.1	1	18	5	1	75		230	4.68	
Safe Stall Cold	Time(s) Hot	Sound Pressure		Bearing			Approx. Mo	tor Weight	
		dB(A) @ 1M	D		NDE		(Ib	,	
27	17	-	6310Z	.C3	6310ZC3		443		
*Bearings are the only <b>Motor Options:</b>	recommended spar	re part(s).							
Product Family:EQP G Mounting:Footed,Shaft	6lobal SD t:T Shaft								
Customer									
Customer PO									
Sales Order									
Project #									
Tag:									
All characteristics are a									
	verage expected va	alues.							
	average expected va				HOUSTON. TEX	AS U.S.A.			
Engineering		alues. TOSHIBA INTER ihock	NATIONAL CO	RPORATION · Doc. Written By	HOUSTON, TEX		Doc.# / Rev	MPCF-1119/1	

Doc. Approved By

M. Campbell

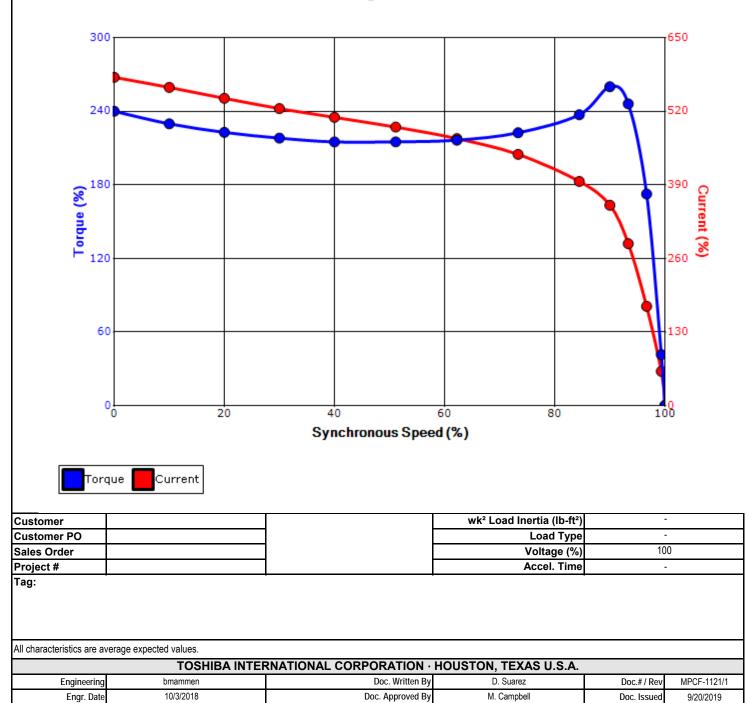
Doc. Issued

9/20/2019

Engr. Date

4/9/2014

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps		
15	11	6	1175	284T	230/460	60	3	40/19.8		
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	G	40 C		
Locked Rotor	Rotor wk <sup>2</sup>	Torque								
Amps Inertia		Full Load Locked		Rotor Pull Up		Break Down				
	(lb-ft²)	(lb-ft)	(%)		(%)		(%)			
116	4.68	67	240	)	215		260			
			De	sign Valu	es					



	0156SDSR41A-P									
HP 15	<b>kW</b> 11	Pole 6	<b>FL RPM</b> 960	Frame 284T	Voltage 190/380	Hz 50	Phase 3	FL Amps 48/24		
Enclosure	IP	Ins. Class	900 S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)		
TEFC	55	F	1.0	CONT	88.5	В	G	40 C		
	Rotor wk <sup>2</sup>	Torque								
Locked Rotor Amps	Inertia (Ib-ft²)	Full Load Locked (lb-ft) (%				Break Down (%)				
130	4.68	82.1	185		175		23			
30	0		De	sign Valu	es			600		

