

				Issued Date	10/31/2016		Transmit #			
тоснира				Issued By	Issued By Huang Zhenxiong			Issued Rev 0		
1056		TYF	PICAL MOTO	R PERFORI	MANCE DATA					
Model:	OW16									
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps		
15	11	6	1110	284T	230/460	60	3	42/21		
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)		
TEFC	55	F	1.15	CONT	-	D	G	40		
Load	HP	kW	Ampere	s(460)	Efficiency	Efficiency (%)		actor (%)		
Full Load	15	11.19	20.	9	85.1		7	' 9.1		
¾ Load	11.25	8.39	16.	8	86.0		7	'3.0		
1/2 Load	7.50	5.59	13.	4	86.0		6	51.0		
¼ Load	3 75	2 80	11.	0	80.0		4	40.0		
Noload			9.3	3			16			
Locked Rotor			114	4			4	4.6		
	-	· · · ·	Torque	-				Rotor wk ² Inertia		
Full Lo	bad	Locke	d Rotor	Pu	ull Up	Brea	ak Down			
(lb-f	t)	(%	FLT)	(%	5 FLT)	(%	% FLT)	(lb-ft²)		
69.8	8	2	84		292		295	5.23		
Safe Stall	Time(s)	Sound Pressure		Bearin	ıgs*		Approx. M	lotor Weight		
Cold	Hot	dB(A) @ 1M	DE		NDE		(lbs)			
26	12	70	6311	/C3	6309/C3		386			
*Bearings are the only re Motor Options:	ecommended spare	part(s).								
Customer										
Customer PO										
Sales Order										
Project #										
		luce. The declared built	ad votes aument best	talaranaa af 000/						
All characteristics are av	verage expected val	lues. The declared lock	ked rotor current has a	tolerance of 20%.						
	verage expected val	lues. The declared lock	RNATIONAL CO	tolerance of 20%.	· HOUSTON, TEX	AS U.S.A.	-			
All characteristics are av Engineering	verage expected val	lues. The declared lock TOSHIBA INTE	RNATIONAL CO	tolerance of 20%. DRPORATION Doc. Written By	• HOUSTON, TEX P. Anderso	AS U.S.A.	Doc.# / Rev	MDSLE021-06/0		



Itesed By Hung 2tencong Itesed Rev 0 NAMEPLATE DATA Itesed Rev 10 Tesed International Status Rev 10 Itesed By Hung 2tencong Itesed International Status Rev 10 Itesed By Hung 2tencong Itesed By Hung 2tencong Itesed By Hung 2tencong Item International Status Rev 10 Item Internatinternational Status Rev 10					Issued Date	10/31/2016		Transmit #	
	TOCHUDA				Issued By Huang Zhenxiong			Issued Rev 0	
NAMEPLATE DATA Model: OW16 Image: Image	TOSH	IIBA				••••••••••••••••••••••••••••••••••••••			-
HP NV Pole FL RPM Frame Voltage Hz Phase FL Arps 15 11 6 110 2817 20060 60 3 4021 Enclosure IP Ins. Class S.F. Duty Nom. Eft. NEMA IVA Code Ambert TEPC 55 F 115 CONT 0 G 40 Type: Form:									
HP KW Pole FLRMM Frame Volage Hz Phase FLAmps 13 11 6 1110 2841 230460 60 3 4221 Enclosure IP Ins. Class S.F. Duty NEMA NEMA KVA Code Anbient TEFC 55 F 1.16 CONT - 0 0 401 Type:	model.								
15 11 6 1110 284T 230460 60 3 4221 Enclosure IP Ins. Class S.F. Duty NEMA NEMA Design IVA Code Ambient (C) TEPC 55 F 1.15 CONT - D G 40 Type: Form: Drive End Bearing: 630(3) Power Factor: 78.0 Max Safe RPN: 2840 Comments 1: Comments 2: Comments 3: Comments 4: Comments 4:	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
Enclosure IP Ins. Class S.F. Duty Nem.Aft Nom.Eft Design NetAnt Design NewAft Design NewAft Desi DesinAft NewAft Design <	15	11	6	1110	284T	230/460	60	3	42/21
TEFC 55 F 1.15 CONT - D G 40 Type:	Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
Type:	TEFC	55	F	1.15	CONT	-	D	G	40
Form:			Туре:						
Drive End Bearing: 303/03 Power Factor: 79.0 Max Safe RPM: 2640 Comments 1:			Form:				_		
Non-Drive End Bearing: 309/C3 Power Factor: 79.0 Max Safe RPM: 2640 Comments 1:		D	rive End Bearing:	6311/C3			_		
Customer Customer Customer PO Sales Order Sales Order Tag:		Non-D	rive End Bearing	6309/03			_		
Customer Customer Customer PO Sales Order Sales Order Project #		Non-D	Deves Feeter	70.0			_		
Max Safe RPM: 260 Comments 1: Comments 2: Comments 3: Comments 4:			Power Factor:	79.0			_		
Comments 1: Comments 2: Comments 3:			Max Safe RPM:	2640					
Comments 2:			Comments 1:						
Comments 3:			Comments 2:						
Customer			Comments 3:						
Customer			Comments 4:						
Customer									
Customer									
Customer									
Customer									
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Customer									
Customer Customer PO Sales Order Project # Tag: Tag:									
Customer Customer PO Sales Order Project # Tag:									
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Customer Customer PO Sales Order Project # Tag:									
Customer Customer PO Sales Order Project # Tag:									
Customer Customer PO Sales Order Project # Tag:									
Customer Customer PO Sales Order Project # Tag:									
Customer Customer PO Sales Order Project # Tag:									
Customer PO Sales Order Project # Tag:	Customer								
Sales Order Project # Tag:	Customer PO								
Tag:	Sales Order								
	Tag:								
	-								
All characteristics are average expected values.									
I OSHIBA IN I ERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.	Engineering		TOSHIBA INTER	KNATIONAL CO				Dec # / Berr	
Engineering Doc. Minten by Fr. Anderson Doc. #// New MIDSLE021-00/0 Engr. Date Doc. Approved By PAA Doc. Issued 10/31/2016	Engr. Date				Doc. Approved By	PAA		Doc. Issued	10/31/2016

				Issued Date	10/31/2016		Transmit #		
TOCH				Issued By	Huang Zhenxiong		Issued Rev	0	
SPARE PARTS LIST*									
Model:	OW16								
ЦВ	k/A/	Bolo		Fromo	Valtaga	U-	Bhasa	El Amno	
15 15	11	Pole	1110	284T	230/460	HZ	Phase	FL Amps	
15	11	0	1110	2041	230/400		5	42/21 Ambient	
Enclosure	IP	Ins. Class	S.F.	Duty	Nom. Eff.	Design	kVA Code	(°C)	
TEFC	55	F	1.15	CONT	-	D	G	40	
Bearings DE	6311/C3								
Bearings NDE				6309/0	23				
*Bearings are the only	y recommended spar	re 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									
Note: Our internal pa	rt numbers are subie	ct to change without r	notice and are not publi	ished					
Customer									
Customer PO									
Sales Order									
Tag:	1		1						
All characteristics are average expected values.									
	Г	OSHIBA INTER	RNATIONAL CO	RPORATION ·	HOUSTON, TEX	AS U.S.A.			
Engineering				Doc. Written By	P. Anderso	n	Doc.# / Rev	MDSLE021-06/0	
Engr. Date				Doc. Approved By	PAA		Doc. Issued	10/31/2016	



Motor Connection Diagrams <u>12 Leads</u> Dual Voltage

<u>Across-the-Line Starting / Running</u> <u>Connections</u>

6

L1

5

L3

Low Voltage Delta



High Voltage Delta



Switch L1 and L2 to reverse rotation