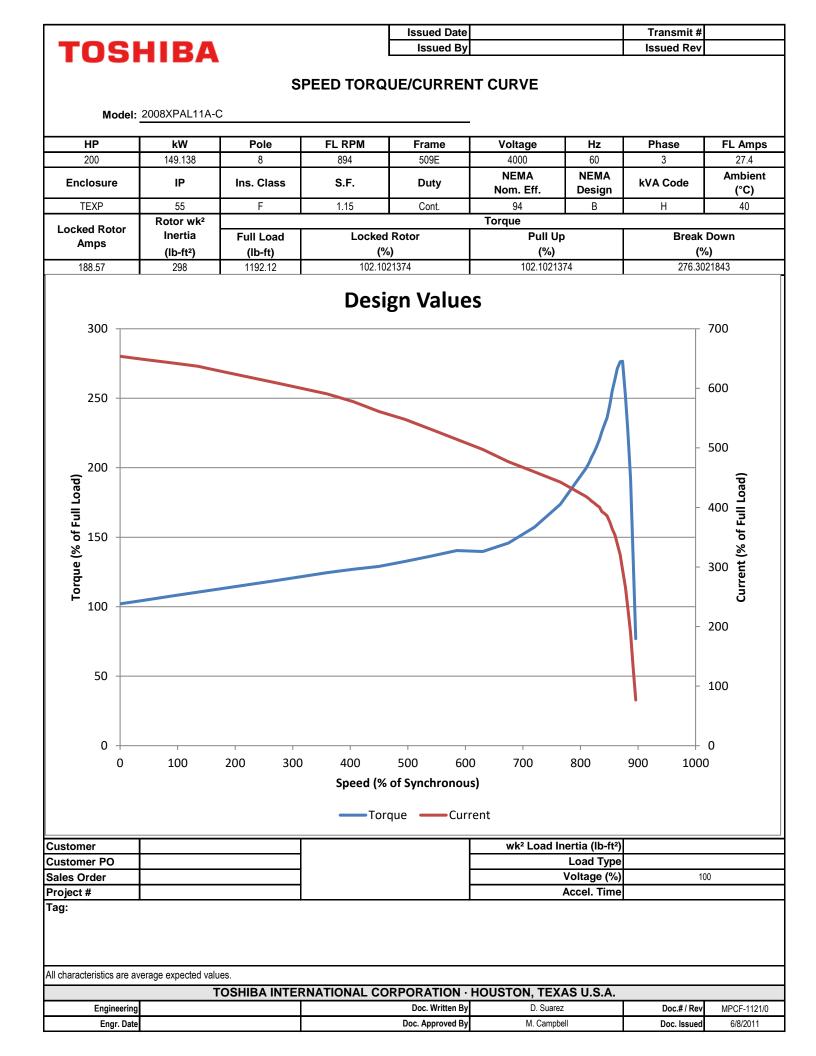


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		IYP	ICAL MOTOR	R PERFORM	IANCE DATA			
Model:	2008XPAL11A-	C						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200 hp	149 kW	8	894 rpm	509E	4000 V	60	3	27.4 A
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEXP	55	F	1.15	Cont.	94	В	Н	40
Load	HP	kW	Ampe	eres	Efficiency	(%)	Power F	actor (%)
Full Load	200	149	27.	4	94		84	1.8
<sup>3</sup> / <sub>4</sub> Load	150	112	21.	2	93.6		81	1.8
1/2 Load	100	75	15.	9	92.5		73	3.6
¼ Load	50	37						
No Load			9.8	3			5	.3
Locked Rotor			179	.1			20	).5
			Torque					Rotor wk <sup>2</sup>
Full Lo	nad	Locker	d Rotor		ull Up	Bre	ak Down	Inertia
(lb-f			FLT)		6 FLT)		% FLT)	(lb-ft <sup>2</sup> )
1192	-	-	02		102	( /	276	298
1132	2	1	02		102		270	290
Safe Stall		Sound Pressure		Bearir	ngs*		Approx. Mo	otor Weight
Cold	Hot	dB(A) @ 1M	DE		NDE		(Ik	os)
35	28	-	62162	2-C3	6313Z-C	3	35	600
*Bearings are the only re	ecommended spare	e part(s).						
Motor Options:								
Customer								
Customer PO								
Sales Order								
Project #								
Tag:								
All characteristics are av	verage expected val	ues.						
		TOSHIBA INTER	RNATIONAL CO	<b>RPORATION</b> ·	HOUSTON, TEX	AS U.S.A.		
Engineering				Doc. Written By			Doc.#/Rev	
				Doc. written by			500.#71107	
Engr. Date				Doc. Approved By			Doc. Issued	

200 149.138 8 894 509E 4000 60 3	A-C         Pole       FL RPM       Frame       Voltage       Hz       Phase       FL Amp         8       894       509E       4000       60       3       27.4         Ins. Class       S.F.       Duty       NEMA Nom. Eff.       Design       kVA Code       Ambier (°C)         F       1.15       Cont.       94       B       H       40         Type: HSB         Form:	rosł	<b>11BA</b>			locued By				
NAMEPLATE DATA         Mode:       2008XPAL11A?         MP       KW       Pole       FL RPM       Frame       Voltage       Hz       Phase       Fl         200       149.138       8       894       509E       4000       60       3       6         Inclosure       IP       Ins. Class       S.F.       Duty       NEMA Nom. Eff.       Design       kVA Code       A         TEXP       55       F       1.15       Cont.       94       B       H       1         Drive End Bearing:       62162-C3         Drive End Bearing:       62162-C3	A-C         Pole       FL RPM       Frame       Voltage       Hz       Phase       FL Amp         8       894       509E       4000       60       3       27.4         Ins. Class       S.F.       Duty       NEMA Nom. Eff.       Design       kVA Code       Ambier (°C)         F       1.15       Cont.       94       B       H       40         Type: HSB         Form:					Issued by			Issued Rev	
Model:       2008XPAL11A-C         HP       KW       Pole       FL RPM       Frame       Voltage       Hz       Phase       FI         200       149.138       8       894       509E       4000       60       3       6         nclosure       IP       Ins. Class       S.F.       Duty       NEMA Nom. Eff.       Design       kVA Code       A         TEXP       55       F       1.15       Cont       94       B       H       Code         Type:       HSB         Form:       Cont       94       B       H       Code         Drive End Bearing:       62162-C3       Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4">Colspan="4"Colspan="4">Colspan="4">Colspan="4"Colspan="4"Colspan="4">Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"Colspan="4"	A-C           Pole         FL RPM         Frame         Voltage         Hz         Phase         FL Amp           8         894         509E         4000         60         3         27.4           Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code         Ambier (°C)           F         1.15         Cont.         94         B         H         40           Type:           HSB         Form:			•						
HP         kW         Pole         FL RPM         Frame         Voltage         Hz         Phase         FI           200         149.138         8         894         509E         4000         60         3         Image: Some state	Pole         FL RPM         Frame         Voltage         Hz         Phase         FL Amp           8         894         509E         4000         60         3         27.4           Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         kVA Code         Ambier (°C)           F         1.15         Cont.         94         B         H         40           Type:         HSB         Eorm:         Eorm:         Dive End Bearing:         6216Z-C3         Drive End Bearing:         6313Z-C3           Drive End Bearing:         6313Z-C3         Eorments 1:         Comments 1:         Comments 1:         Comments 2:         Eorments 1:         Eorments 3:         Eo				NAME	PLATE DAT	4			
HP         kW         Pole         FL RPM         Frame         Voltage         Hz         Phase         FI           200         149.138         8         894         509E         4000         60         3         Image: Some state	Pole         FL RPM         Frame         Voltage         Hz         Phase         FL Amp           8         894         509E         4000         60         3         27.4           Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         kVA Code         Ambier (°C)           F         1.15         Cont.         94         B         H         40           Type:         HSB         Eorm:         Eor	Modely		C						
200         149.138         8         894         509E         4000         60         3           nclosure         IP         Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         kVA Code         A           TEXP         55         F         1.15         Cont.         94         B         H         A           Type: HSB           Form:         Cont.         94         B         H           Drive End Bearing:         62162-C3         A         A         A           Max Safe RPM:         63132-C3         A         A         A         A         A           Max Safe RPM:         Comments 1:         Comments 2:         Comments 2:         Comments 3:         Comments 3: <td< th=""><th>8         894         509E         4000         60         3         27.4           Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code         Ambier (°C)           F         1.15         Cont.         94         B         H         40           Type: HSB Form:           Drive End Bearing:         6216Z-C3           Drive End Bearing:         6313Z-C3           Power Factor:         84.8           Max Safe RPM:        </th><th></th><th>2000AFALTIA-</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>	8         894         509E         4000         60         3         27.4           Ins. Class         S.F.         Duty         NEMA Nom. Eff.         NEMA Design         KVA Code         Ambier (°C)           F         1.15         Cont.         94         B         H         40           Type: HSB Form:           Drive End Bearing:         6216Z-C3           Drive End Bearing:         6313Z-C3           Power Factor:         84.8           Max Safe RPM:		2000AFALTIA-							
IP       Ins. Class       S.F.       Duty       NEMA Nom. Eff.       NEMA Design       kVA Code       A         TEXP       55       F       1.15       Cont.       94       B       H       Image: Sign of the second se	Ins. ClassS.F.DutyNEMA Nom. Eff.NEMA DesignKVA CodeAmbier (°C)F1.15Cont.94BH40Type: HSB Form:Drive End Bearing: 6216Z-C3Drive End Bearing:6216Z-C3Drive End Bearing:6313Z-C3Power Factor:84.8Max Safe RPM:	HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Am
IP         Ins. Class         S.F.         Duty         Nom. Eff.         Design         KVA Code           TEXP         55         F         1.15         Cont.         94         B         H           TEXP         55         F         1.15         Cont.         94         B         H           Type: HSB           Form:	Ins. Class         S.F.         Duty         Nom. Eff.         Design         kVA Code         (°C)           F         1.15         Cont.         94         B         H         40           Type:         HSB         Form:	200	149.138	8	894	509E			3	
Type: HSB Form: Drive End Bearing: 6216Z-C3 Non-Drive End Bearing: 6313Z-C3 Power Factor: 84.8 Max Safe RPM: Comments 1: Comments 2: Comments 3:	Type: HSB Form: Drive End Bearing: 6216Z-C3 Drive End Bearing: 6313Z-C3 Power Factor: 84.8 Max Safe RPM: Comments 1: Comments 2: Comments 3:	nclosure				Duty	Nom. Eff.	Design		
Form:Drive End Bearing:6216Z-C3Non-Drive End Bearing:6313Z-C3Power Factor:84.8Max Safe RPM:	Form:	TEXP	55	F	1.15	Cont.	94	В	Н	40
Form:Drive End Bearing:6216Z-C3Non-Drive End Bearing:6313Z-C3Power Factor:84.8Max Safe RPM:	Form:       Form:         Drive End Bearing:       6216Z-C3         Drive End Bearing:       6313Z-C3         Power Factor:       84.8         Max Safe RPM:       Comments 1:         Comments 2:       Comments 3:			_						
Drive End Bearing: 6216Z-C3   Non-Drive End Bearing: 6313Z-C3   Power Factor: 84.8   Max Safe RPM:	Drive End Bearing: 6216Z-C3 Drive End Bearing: 6313Z-C3 Power Factor: 84.8 Max Safe RPM: Comments 1: Comments 2: Comments 3:			Type:	HSB			_		
Non-Drive End Bearing: 6313Z-C3   Power Factor: 84.8   Max Safe RPM:	Drive End Bearing:       6313Z-C3         Power Factor:       84.8         Max Safe RPM:			Form:				_		
Power Factor: 84.8   Max Safe RPM:	Power Factor:       84.8         Max Safe RPM:		Dri	ive End Bearing:	6216Z-C3					
Max Safe RPM: Comments 1: Comments 2: Comments 3:	Max Safe RPM: Comments 1: Comments 2: Comments 3:		Non-Dri	ive End Bearing:	6313Z-C3					
Comments 1: Comments 2: Comments 3:	Comments 1: Comments 2: Comments 3:			Power Factor:	84.8			_		
Comments 1: Comments 2: Comments 3:	Comments 1: Comments 2: Comments 3:			Max Safe RPM:				_		
Comments 3:	Comments 3:			Comments 1:						
				Comments 2:						
Comments 4:	Comments 4:			Comments 3:						
				Comments 4:						
				•••••••••••••••••••••••••••••••••••••••						

Customer									
Customer PO									
Sales Order									
Project #									
Tag:									
All characteristics are average expected values.									
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.									
Engineering		Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1120 / 0				
Engr. Date		Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011				



				Issued Date			Transmit #	
TOSI	HIRΔ			Issued By			Issued Rev	
			SPARI	E PARTS LIS	ST*			
Model:	2008XPAL11A-	C						
HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
200	149.138	8	894	509E	4000	60	3	27.4
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TEXP	55	F	1.15	Cont.	94	В	Н	40
Bearings DE				6216Z	-C3			
Bearings NDE				6313Z	-C3			
*Bearings are the only	v recommended spa	are 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.								
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Engineering		Doc. Written By	D. Suarez	Doc.#/Rev	MPCF-1125 / 0			
Engr. Date		Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011			