

XXX kgs.

(XXX lbs.)

0 FIRST ISSUE

NO

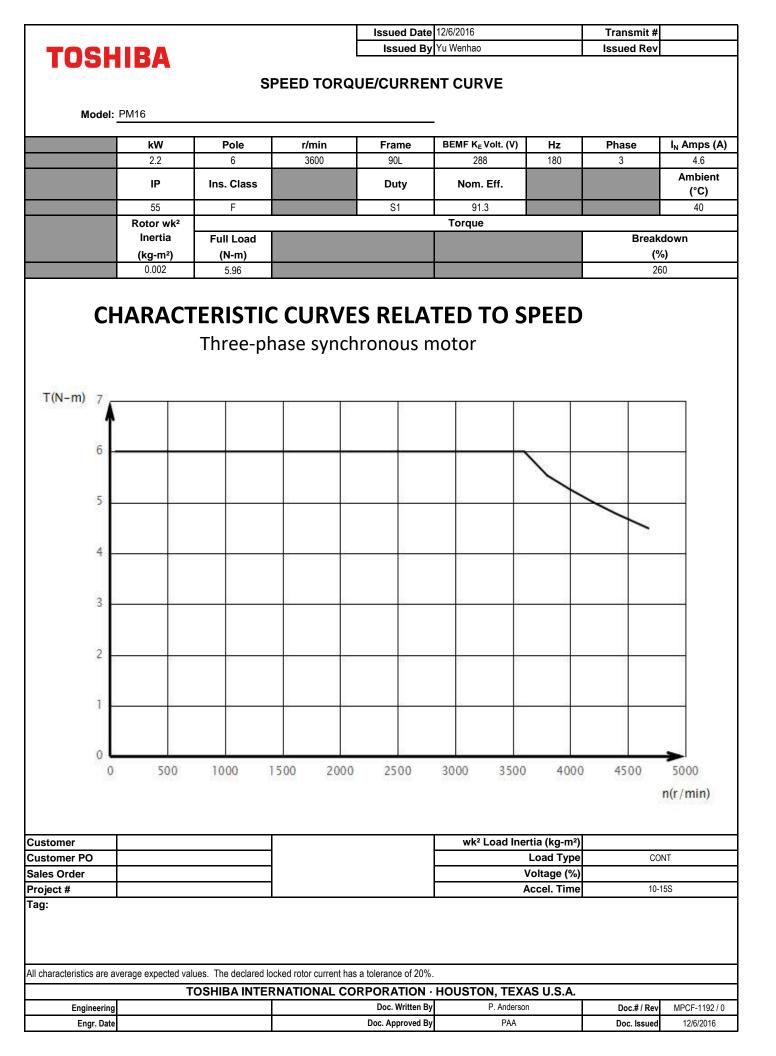
TOSHIBA

TOSHIBA INTERNATIONAL CORPORATION

R. Roth08/24/16REVISIONDRAWN BYDATE

37
140
180
NOTES: I. MAIN CONDUIT BOX MAY BE ROTATED
IN 90~INCREMENTS 2. STANDARD PRODUCT USE
BI-DIRECTIONAL
FAN. OPPOSITE ROTATION AVAILABLE
ONLY BY CONNECTION CHANGE.
3. KEY DIMENSIONS EQUAL (MOTOR SUPPLIED WITH KEY)
х ́
PURPOSES UNLESS THE DRAWING IS CERTIFIED.
Tosh-ECO PM
DRAWN BY:
CHECK BY:
APPROVED BY: CHECK www.toshiba.com/ind

				Issued Date			Transmit #	
TOSH				Issued B	y Yu Wenhao		Issued Rev	
Model: F		ТҮРК	CAL MOTOR	PERFORI	MANCE DATA			
		1		_	_ 		1	
	kW	Pole	r/min	Frame	BEMF K _E Volt. (V)	Hz	Phase	I _N Amps (A)
	2.2	6	3600	90L	288	180	3	4.6 Ambient
	IP	Ins. Class		Duty	Nom. Eff.			(°C)
	55	F		S1	91.3			40
Load		kW	Ampere	es (A)	Efficiency (%)		
Full Load		2.20	4.55	5	91.3			
¾ Load		1.65	3.49)	89.7			
1/2 Load		1.10	2.45	5	87.9			
¼ Load		0.55	1.35	5	80.6			
No Load			0.35	5				
		-	Torque	!				Rotor wk ²
Full Loa							lkdown	Inertia
(N-m)							FLT)	(kg-m²)
5.96							260	0.002
		Sound		Beari	ngs*		Approx. Mo	tor Weight
		Pressure dB(A) @ 1M	DE		NDE		(kg	g)
		Pressure	DE 6205-22					g)
	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
*Bearings are the only red	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
Motor Options:	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
Motor Options:	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
Motor Options:	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
Motor Options: Customer Customer PO Sales Order	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
Motor Options: Customer Customer PO Sales Order Project #	commended spa	Pressure dB(A) @ 1M 69			NDE		(kg	g)
	erage expected v	Pressure dB(A) @ 1M 69 rre part(s).	6205-22	Z/C3	NDE 6204-2Z/C3		(kg	g)
Motor Options: Customer Customer PO Sales Order Project # Tag:	erage expected v	Pressure dB(A) @ 1M 69 rre part(s).	6205-22	Z/C3	NDE 6204-2Z/C3		(kg	g)
Motor Options: Customer Customer PO Sales Order Project # Tag:	erage expected v	Pressure dB(A) @ 1M 69 rre part(s).	6205-22	Z/C3	NDE 6204-2Z/C3	S U.S.A.	(kg	g)





SPARE PARTS LIST*

Model: PM16

Customer

	kW	Pole	r/min	Frame	BEMF K _E Volt. (V)	Hz	Phase	I _N Amps (A)	
	2.2	6	3600	90L	288	180	3	4.6	
	IP	Ins. Class		Duty	Nom. Eff.			Ambient (°C)	
	55	F		S1	91.3			40	
DE Bearing:	6205-2Z/C3								
DE Bearing:	6204-2Z/C3								

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 PO								
Sales Order								
Project #								
Tag:								
All characteristics are av	verage expected values							
All characteristics are av	erage expected values.							
TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.								
Engineering		Doc. Written By	P. Anderson	Doc.# / Rev	MPCF-1193 / 0			
Engr. Date		Doc. Approved By	PAA	Doc. Issued	12/6/2016			



NAMEPLATE DATA

			NAME	EPLATE DA	ТА			
Model: P	PM16				_			
	kW	Pole	r/min	Frame	BEMF K _E Volt. (V)	Hz	Phase	I _N Amps (A)
	2.2	6	3600	90L	288	180	3	4.6
	IP	Ins. Class		Duty	Nom. Eff.			Ambient (°C)
	55	F		S1	91.3			40
	Dr	ive End Bearing:			6205-2Z/C3			
		ive End Bearing:			6204-2Z/C3			
		Rated Torque:	5.9	96	Nm			
	Voltac	ge Constant (Ke):	0.7	766	vs			
		ue Constant (Kt):		33	Nm/A			
	1014	BEMF at:		00	r/min			
		-	50	000	1/1111			
		Comments 1:						
Customer								
Customer PO								
Sales Order Project #								
Tag:								
-								
All characteristics are ave								
	•	TOSHIBA INTER	NATIONAL CO					
Engineering				Doc. Written B Doc. Approved B			Doc.# / Rev Doc. Issued	MPCF-1191 / 0 12/6/2016
Engr. Date				Dog. Approved D			Doc. Issued	12/0/2010

