

FRAME SIZE	FLANGE DIMENSIONS								
	AH	AJ	AK	BB	BC	BD	BF	TAPE	BV
56C W/ 140FR. MNTG	2.06	5.875	4.500	0.16	0.19	6.48	3/8"	16UNC	8.33

FRAME SIZE	MOTOR DIMENSIONS										CONDUIT BOX							
	A	B	C	D	G	J	K	M	O	P	T	A[NPT]	AB	AC	AE	AF	XL	XN
56C W/ 140FR. MNTG	7.0	5.9	13.1	3.50	0.12	1.7	0	0	6.8	6.5	0	0.75	5.5	4.7	3.5	2.2	4.4	3.1

FRAME SIZE	MOUNTING				SHAFT EXTENSION		KEY SEAT		BEARINGS		MAXIMUM WEIGHT		
	E	2F	H	BA	N-W	V	U	R	S	ES		LS	OS
56C W/ 140FR. MNTG	2.75	4.00/5.00	0.34	2.75	1.88	1.63	0.625	0.517	0.188	1.41	6205UC3	6205UC3	61 lbs.

- NOTES:
- DIMENSION V REPRESENTS LENGTH OF STRAIGHT PART OF SHAFT
 - MAIN CONDUIT BOX MAY BE ROTATED IN 180° INCREMENTS
 - KEY DIMENSIONS EQUAL S x S x 1.41 (MOTOR SUPPLIED WITH KEY)
 - MOTOR WEIGHT SHOWN IS MAXIMUM HORSEPOWER IN FRAME
 - THIS DIMENSION EQUALS 2F FOR 143 FRAME MOUNTING
 - OPPOSITE ROTATION AVAILABLE ONLY BY CONNECTION CHANGE

CUSTOMER: _____ MOTOR MODEL NO.: _____ TAG NO's: _____
 P.O. NO.: _____ HP: _____ VOLTAGE: _____ RPM(SYN): _____ HZ: _____
 FRAME SIZE: 56C W/ 140 FR. MOUNTING PRODUCT TYPE: JENV TOSHIMASH SS EGP III EFFICIENCY
 COMMENTS: _____

 PER: _____ DATE: _____

TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHNICAL IMPROVEMENT AND THE DATA MAY CHANGE WITHOUT NOTICE PRELIMINARY
 DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATION PURPOSES UNLESS THE DRAWING IS MARKED AS CERTIFIED CERTIFIED

STANDARD (NO AUX. BOXES)
 RTD AUX. BOX
 SPACE HEATER AUX. BOX
 BEARING RTD's

TOSHIBA
 TOSHIBA INTERNATIONAL CORPORATION

TOTALLY-ENCLOSED NON-VENTILATED
 HORIZONTAL FOOT-MOUNTED
 3 PHASE INDUCTION MOTOR
 F1 ASSEMBLY

XT SERIES
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TYPICAL MOTOR PERFORMANCE DATA

Model: 0016FNWC32H

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1	0.75	6	1140	56C	575	60	3	1.35
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TENV	56	F	1.15	CONT	81.5	-	L	40 C

Load	HP	kW	Amperes	Efficiency (%)	Power Factor (%)
Full Load	1	0.7	1.3	81.5	68.3
¾ Load	0.75	0.6	1.2	79.5	58.1
½ Load	0.50	0.4	1.1	74.5	44.9
¼ Load	0.25	0.2	0.6	71.3	40.2
No Load			0.9		7.9
Locked Rotor			9.20		67.0

Torque				Rotor wk ² Inertia (lb-ft ²)
Full Load (lb-ft)	Locked Rotor (% FLT)	Pull Up (% FLT)	Break Down (% FLT)	
4.61	345	375	370	0.15

Safe Stall Time(s)		Sound Pressure dB(A) @ 1M	Bearings*		Approx. Motor Weight (lbs)
Cold	Hot		DE	NDE	
43	14	-	6208UUC3	6208UUC3	

*Bearings are the only recommended spare part(s).

Motor Options:
Product Family:ToshWash CFace Footed
Mounting:C-Face Footed,Shaft:56C

Customer	
Customer PO	
Sales Order	
Project #	

Tag:

All characteristics are average expected values.

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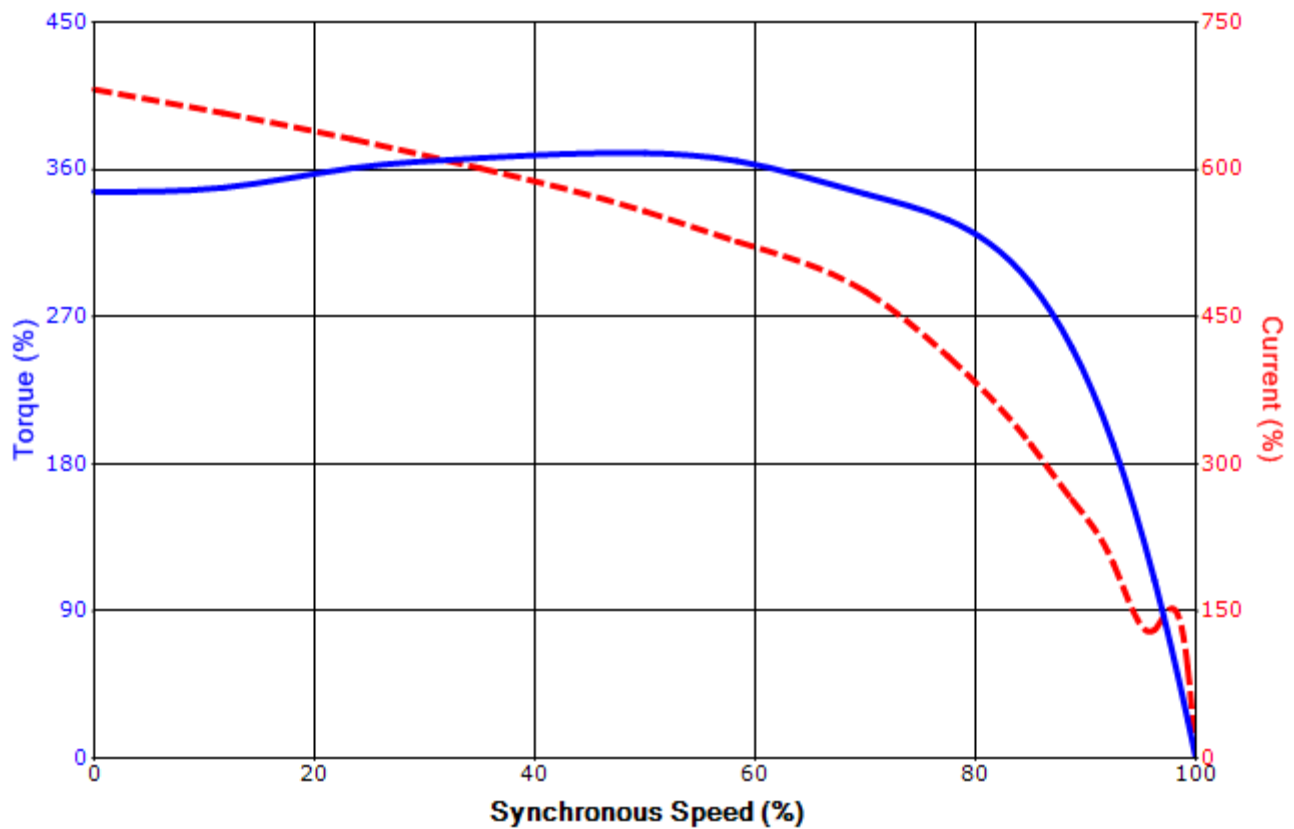
Engineering	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1119 / 0
Engr. Date	6/11/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011

SPEED TORQUE/CURRENT CURVE

Model: 0016FNWC32H

HP	kW	Pole	FL RPM	Frame	Voltage	Hz	Phase	FL Amps
1	0.75	6	1140	56C	575	60	3	1.35
Enclosure	IP	Ins. Class	S.F.	Duty	NEMA Nom. Eff.	NEMA Design	kVA Code	Ambient (°C)
TENV	56	F	1.15	CONT	81.5	-	L	40 C
Locked Rotor Amps	Rotor wk ² Inertia (lb-ft ²)	Torque						Break Down (%)
		Full Load (lb-ft)	Locked Rotor (%)	Pull Up (%)				
9.20	0.15	4.61	345	375			370	

Design Values



Customer		wk ² Load Inertia (lb-ft ²)	-
Customer PO		Load Type	-
Sales Order		Voltage (%)	100
Project #		Accel. Time	-

Tag:

All characteristics are average expected values.

TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A.

Engineering	jhock	Doc. Written By	D. Suarez	Doc.# / Rev	MPCF-1121 / 0
Engr. Date	6/11/2013	Doc. Approved By	M. Campbell	Doc. Issued	6/8/2011