

**ELECTRICAL PERFORMANCE DATA**  
(DESIGN VALUE)

Metso 110-P1133269  
Issue 01, 19/JUL/13

TMEIC ORDER NO. : 7R20041MM0001

No.	Item	Item No.	1	2	3	4	Remarks
1	Motor No.	-	-				
2	Quantity	unit(s)	1				
3	Type-Form	-	TIM-FCKW11-FW				
4	Number of Poles	-	10				
5	Rated output	kW	600				
6	Rated voltage	V	415				
7	Frequency	Hz	50				
8	Insulation class	-	F				
9	Temperature rise	deg.C	85				By RTD (Max. Amb.Temp45°C)
10	Frame size	-	450-1400				
11	Rated speed	rpm	590				
12	Rated current	A	1180				
13	Locked rotor current	%	-				
14	Efficiency	at 100% Load	%	95.6			Design value by IEC 60034-2 Equivalent Circuit with 0.5% stray load loss
		at 75% Load	%	95.0			
		at 50% Load	%	93.8			
15	Power factor	at 100% Load	%	74.0			Design value by IEC 60034-2 Equivalent Circuit with 0.5% stray load loss
		at 75% Load	%	68.0			
		at 50% Load	%	55.0			
16	Locked rotor torque	%	-				
17	Pull-up torque	%	-				
18	Breakdown torque	%	250				Guaranteed value
19	Rotor WK2	lbft2	2,554				
20	Sound pressure level	dB(A)	85				Guaranteed at no-load from 1m (Average of 4 key points)
21	Secondary voltage	V	1330				
22	Secondary current	A	270				
23	Remarks						

[Note] This datasheet shows 1) design value  
2) data for sine wave power.

E130074-A		
Approved	H.Ogawa	2013/5/31
Reviewed	H.Ogawa	2013/5/31
Prepared	J.Xu	2013/5/31

**TMEIC** **TOSHIBA CORPORATION**  
We drive industry TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION

Lycopodium	
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