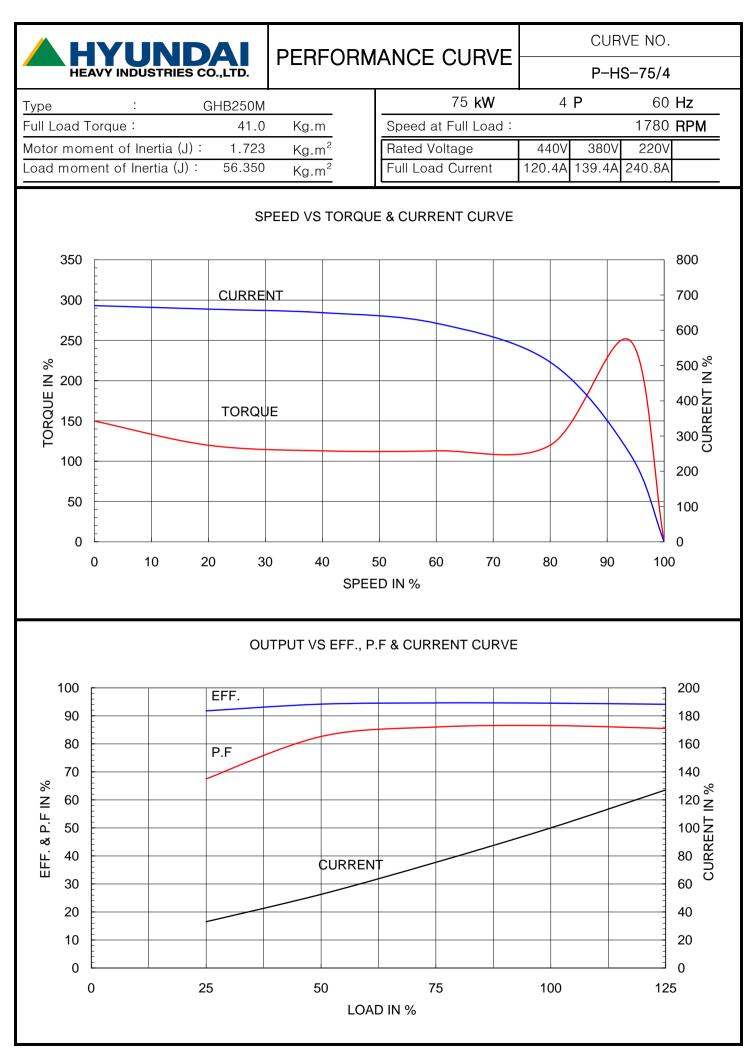


AC INDUCTION MOTOR DATA SHEET

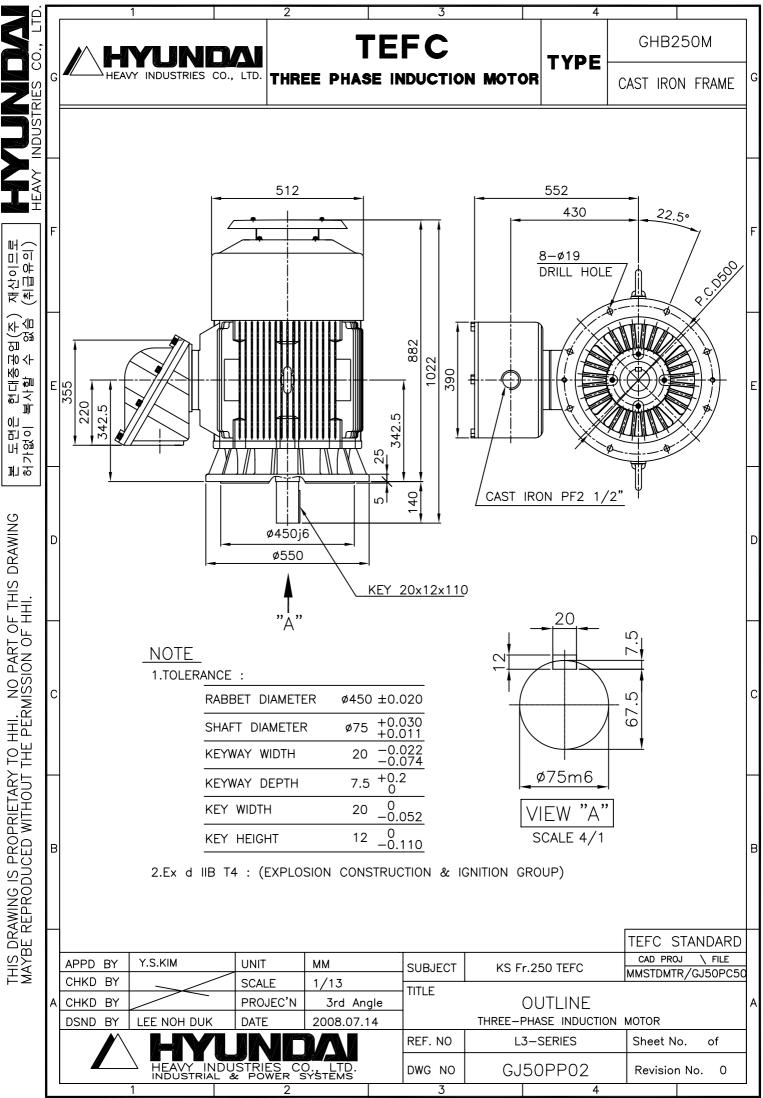
Item No Project FICATION 75/4 osion Proof (IP55) 1(FC) Hz B H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1) 3 B5 V1	No. Rated Out Number o Rotor Typ Starting M Rated Vol Current	put f Poles be lethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	Squirrel Cage ■ D.O.L 440 V 120.4 A	y se FA kW 1 4 2	24] 220 V 40.8 A 670 %	
FICATION 5 75/4 osion Proof (IP55) 1(FC) Hz T □ B □ H sistance method) deg. C ndoor ■ Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Rated Out Number o Rotor Typ Starting M Rated Vol Current Efficiency	put f Poles be lethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	MANCE DAT 75 Squirrel Cage ■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	FA kW 1 4 4 2 Y 380 V 139.4 A 670 % % % %	00 HP - Δ 24	40.8 A	
FICATION 5 75/4 osion Proof (IP55) 1(FC) Hz T □ B □ H sistance method) deg. C ndoor ■ Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Rated Out Number o Rotor Typ Starting M Rated Vol Current Efficiency	put f Poles be lethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	MANCE DAT 75 Squirrel Cage ■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	FA kW 1 4 4 2 Y 380 V 139.4 A 670 % % % %	- <u>A</u> 24	40.8 A	
75/4 osion Proof (IP55) 1(FC) Hz I = B = H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Number o Rotor Typ Starting M Rated Vol Current Efficiency	put f Poles be lethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	75 Squirrel Cage ■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	kW 1 4 2 380 V 139.4 A 670 % %	- <u>A</u> 24	40.8 A	
75/4 osion Proof (IP55) 1(FC) Hz B □ H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Number o Rotor Typ Starting M Rated Vol Current Efficiency	f Poles f Poles ne Iethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	Squirrel Cage ■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	4 2 380 V 139.4 A 670 % % %	- <u>A</u> 24	40.8 A	
osion Proof (IP55) 1(FC) Hz B H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Rotor Typ Starting M Rated Vol Current Efficiency	lethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	e Y 380 V 139.4 A 670 % %	24	40.8 A	
1(FC) Hz Image: B H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Starting M Rated Vol Current Efficiency	Iethod* tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	■ D.O.L 440 V 120.4 A 670 % 94.2 94.6	□ Y 380 V 139.4 A 670 % % %	24	40.8 A	
Hz B H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Rated Vol Current Efficiency	tage Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	440 V 120.4 A 670 % 94.2 94.6	380 V 139.4 A 670 % % %	24	40.8 A	
B H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Current	Full Load Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	120.4 A 670 % 94.2 94.6	139.4 A 670 % % %	24	40.8 A	
B ☐ H sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Efficiency	Locked-rotor** 50% Load 75% Load 100% Load ctor(p.u)	670 % 94.2 94.6	670 % % %			
sistance method) deg. C ndoor Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Efficiency	50% Load 75% Load 100% Load ctor(p.u)	94.2 94.6	%		070 %	
deg. C ndoor ■ Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	-	50% Load 75% Load 100% Load ctor(p.u)	94.6	%			
adoor ■ Outdoor than 1000 meter than 80 % 40 deg. C (Max.) inuous (S1)	Power Fac	75% Load 100% Load ctor(p.u)	94.6	%			
than 1000 meter than 80 % 40 deg. C (Max.)	Power Fac	100% Load ctor(p.u)					
than 80 % 40 deg. C (Max.)	Power Fac	ctor(p.u)	94.5	%			
40 deg. C (Max.)	Power Fac	<u> </u>		/0			
inuous (S1)	-		1				
		50% Load	0.826				
33 □ B5 ■ V1 □ B3/B5	L	75% Load	0.860				
3 🛛 B5 📕 V1 🔲 B3/B5		100% Load	0.865				
	Speed at F	ull Load	1780	r.p.m			
Friction	Torque						
C3 / 6313C3	_ [Full Load	41.0	kg∙m		-	
se(Gadus S2 V 100 2)	-	Locked-rotor**	150	%			
applicable	-	Breakdown**	250	%			
**	Moment o	f Inertia (I)	1				
	[56,350	kg·m²			
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	Sound Pre				from m	otor)	
	Sound The	ssure Lever (10			iioiii ii	0.01)	
	Vibration						
ndous		la number of			1.5)		
	Palm			<u> </u>			
	Outline D						
				Motor weig			
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	-		-			kg	
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			~		0	kg	
	Main T-Bo	ox Ass'y	3M-036962				
			<u> </u>			-	
	irect V-Belt ingle Double teel Cast Iron es No to Outline Drawing II T4 C	irect V-Belt Moment o ingle Double teel Cast Iron Sound Pre to Outline Drawing Vibration rdous Permissibl II T4 consecutiv CC Paint Outline Di	irect V-Belt Moment of Inertia (J) ingle Double Load(Max.) teel Cast Iron Sound Pressure Level (No to Outline Drawing Vibration rdous Permissible number of II T4 consecutive starts CC Paint Munsell No. SUBMITT	irect V-Belt Moment of Inertia (J) ingle Double Load(Max.) 56.350 teel Cast Iron Motor 1.723 es No Sound Pressure Level (No-load & mean to Outline Drawing 82 Vibration 2.2 rdous Permissible number of cold 3 II T4 consecutive starts Hot 2 CC Paint Munsell No. 4.0PB5.4/5.5 SUBMITTAL DRAWI Outline Dimension Drawing \ B3 B5 0 V1 GJ50PP02 B3/B5 0 0 0	irect V-Belt Moment of Inertia (J) ingle Double Load(Max.) 56.350 kg·m² teel Cast Iron Motor 1.723 kg·m² es No Sound Pressure Level (No-load & mean value at 1m · to Outline Drawing 82 dB(A) Vibration 2.2 mm/sec (r.m rdous Permissible number of consecutive starts Cold 3 times II T4 consecutive starts Hot 2 times SC Paint Munsell No. 4.0PB5.4/5.5(VL-451) SUBMITTAL DRAWING Outline Dimension Drawing \ Motor Weig B3 B5 0 V1 GJ50PP02 B3/B5 0 0 0	Image V-Belt Moment of Inertia (J) ingle Double Load(Max.) 56.350 kg·m² iteel Cast Iron Motor 1.723 kg·m² es No Sound Pressure Level (No-load & mean value at 1m from m r to Outline Drawing 82 dB(A) Vibration 2.2 mm/sec (r.m.s) rdous Permissible number of consecutive starts II T4 consecutive starts GC Paint Munsell No. 4.0PB5.4/5.5(VL-451) SUBMITTAL DRAWING Outline Dimension Drawing Motor Weight(App B3 0 V1 GJ50PP02 735 B3/B5 0 0	

* In case of Inverter-Fed Motor, performance data is based on sine wave tests.

** Data is based on when the motor is supplied at rated voltage & frequency, and the data is expressed as a percentage of full-load value.



RM-P251-133



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		5	JONG				DESCRIPTION	BOX B	BOX C		Ē		SHER	MINAL		
	Z	5	KIM JONG SEON				TION	ODY	OVER					LUG		
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	ES C	HEAVY INDUSTRIES CO.,	ĬŇ		PROJEC'N DATE		[-	-	-	-		0	0	0	
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	G		5	Ū		HLA6 FR.250,280 (d2G4)	¥									
	3M-036962					FR.250	WEIGHT									
13	3950		TERMINAL BOX ASS'Y			3,280	-									
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