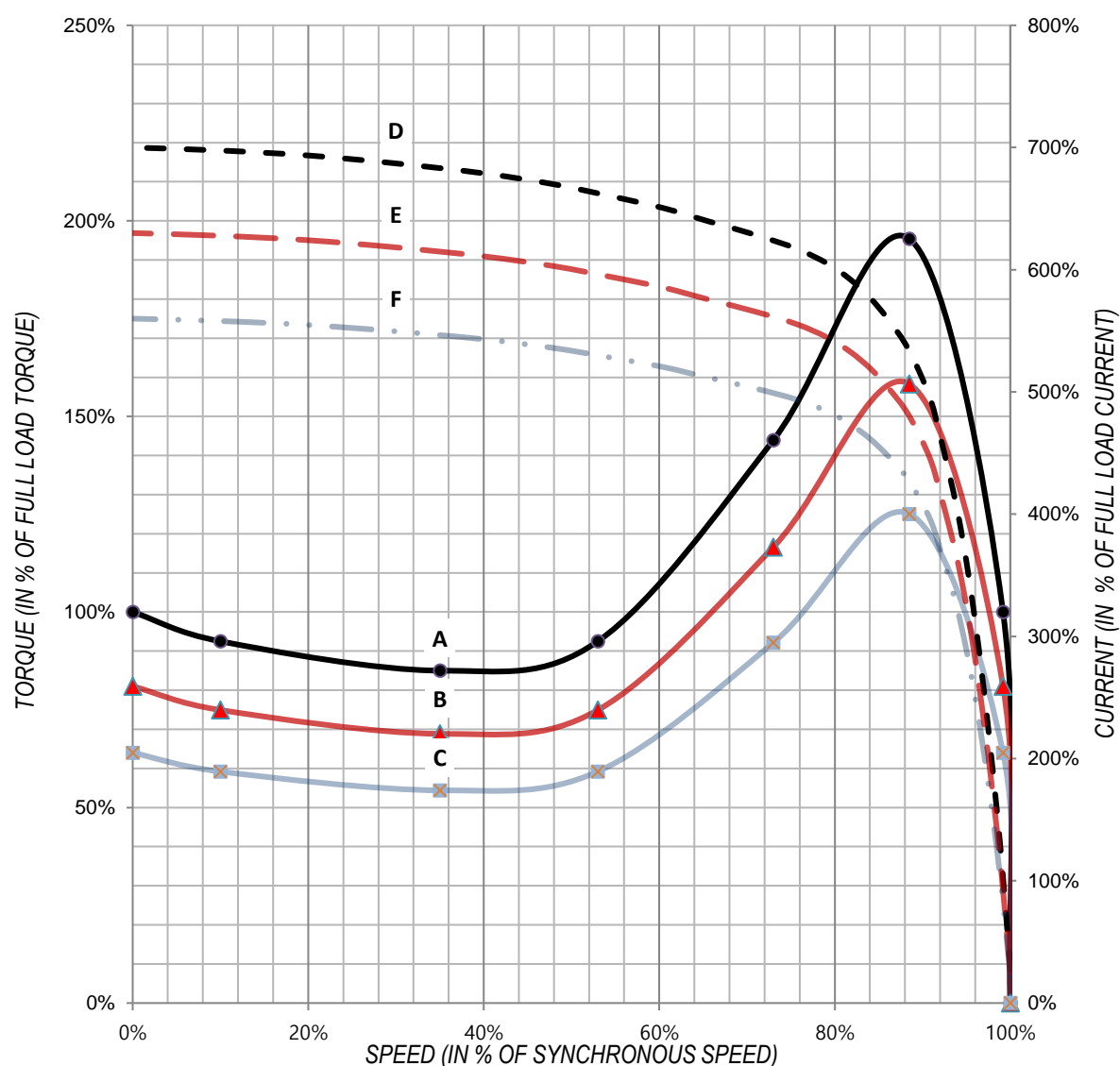
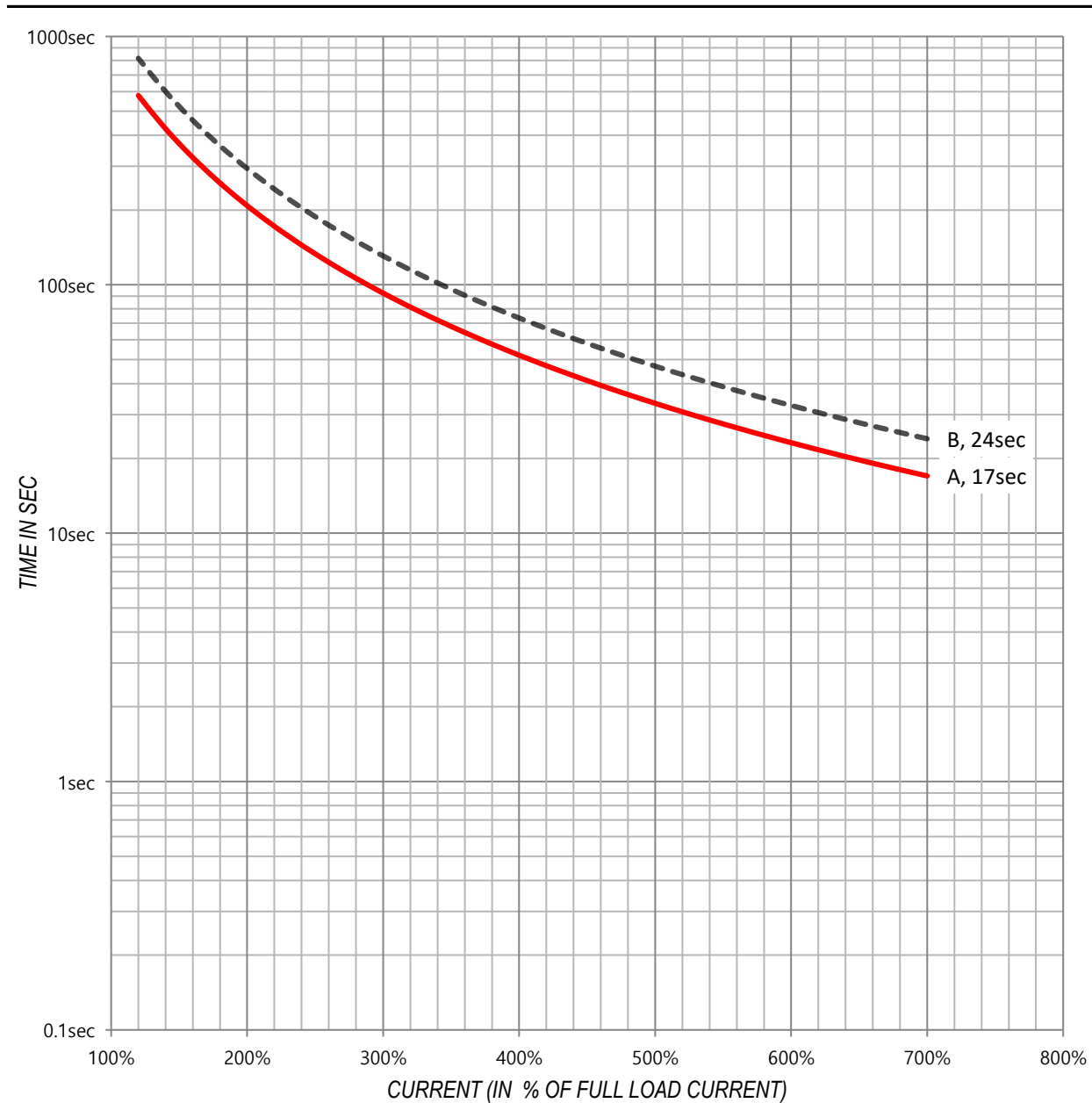


HYOSUNG <small>HEAVY INDUSTRIES</small>			SPEED - TORQUE & CURRENT CURVE		Curve No.	
					1ST_E00004082	
OUTPUT	335	kW	POLES	6	P	
VOLTAGE	-	V	FREQUENCY	60	Hz	
FULL LOAD TORQUE	274.2	kg·m	FULL LOAD CURRENT	-	A	
LOCKED ROTOR TORQUE	100	%	LOCKED-ROTOR CURRENT	700	%	
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	1190	r/min	
GD <sup>2</sup> of LOAD :	-	kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	36.44	kg·m <sup>2</sup>	



NOTE					
	A	: SPEED-TORQUE CURVE AT	100%	RATED VOLTAGE	
	B	: SPEED-TORQUE CURVE AT	90%	RATED VOLTAGE	
	C	: SPEED-TORQUE CURVE AT	80%	RATED VOLTAGE	
	D	: SPEED-CURRENT CURVE AT	100%	RATED VOLTAGE	
	E	: SPEED-CURRENT CURVE AT	90%	RATED VOLTAGE	
	F	: SPEED-CURRENT CURVE AT	80%	RATED VOLTAGE	

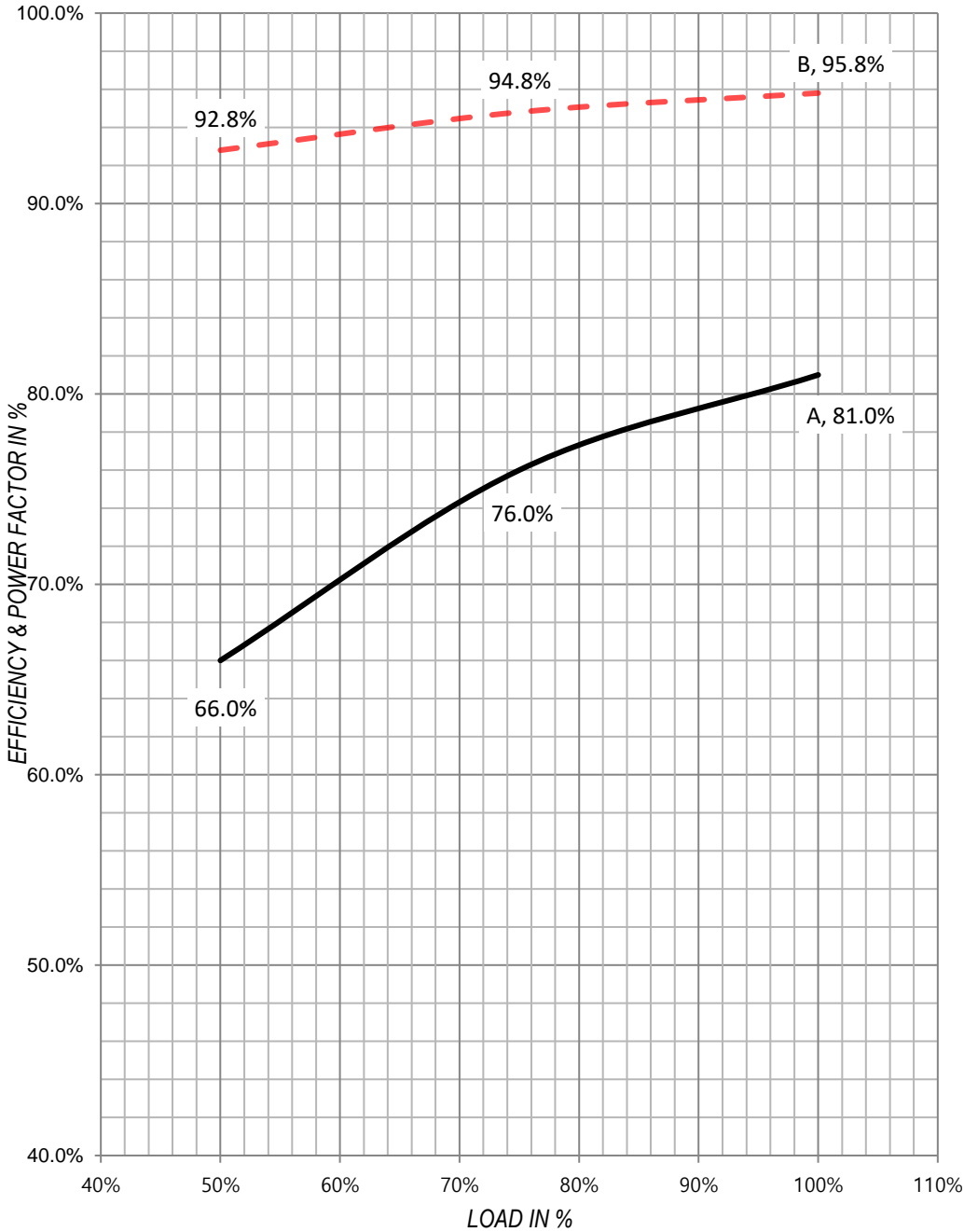
HYOSUNG <small>HEAVY INDUSTRIES</small>	THERMAL LIMIT & TIME - CURRENT CURVE		Curve No.	
			1TL_E00004082	
OUTPUT	335	kW	POLES	6 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	274.2	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	100	%	LOCKED-ROTOR CURRENT	700 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	1190 r/min
GD <sup>2</sup> of LOAD :	-	kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	36.44 kg·m <sup>2</sup>



**NOTE**

- A : THERMAL LIMIT CURVE AT HOT CONDITION
- B : THERMAL LIMIT CURVE AT COLD CONDITION
- - - C ※TIME-CURRENT CURVES(C,D,E) NEED BELOW DATA TO BE DRAWN
- . - D \* LOAD GD<sup>2</sup> AT MOTOR SHAFT
- . . . E \* SPEED-TORQUE CURVE OF LOAD

<div> <div>HYOSUNG</div> <div>HEAVY INDUSTRIES</div> </div>	LOAD - POWER FACTOR & EFFICIENCY CURVE		Curve No.	
			1PE_E00004082	
OUTPUT	335	kW	POLES	6 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	274.2	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	100	%	LOCKED-ROTOR CURRENT	700 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	1190 r/min
GD <sup>2</sup> of LOAD :	-	kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	36.44 kg·m <sup>2</sup>



NOTE

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A

:

LOAD - POWER FACTOR CURVE

- - -

B

:

LOAD - EFFICIENCY CURVE