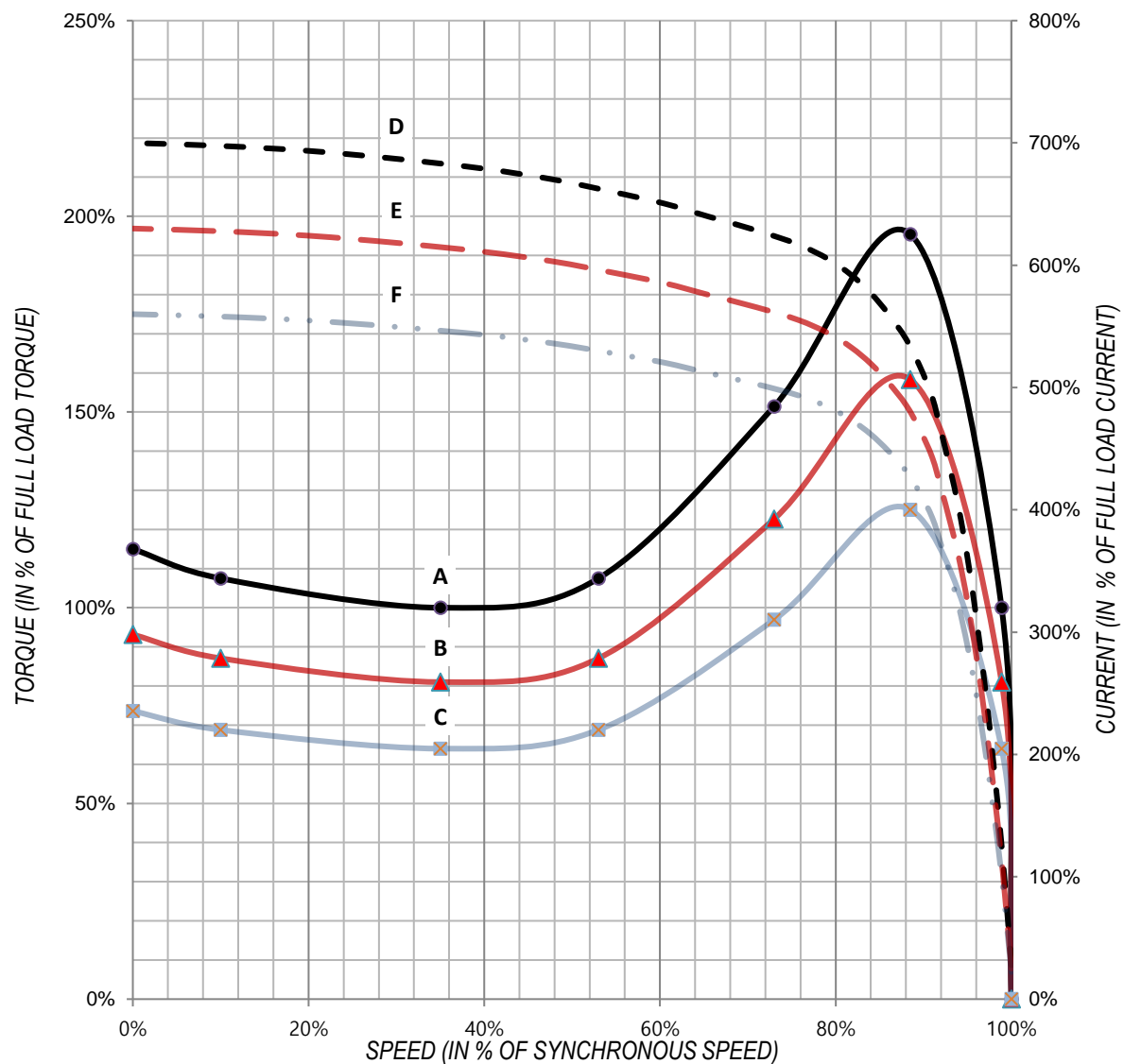
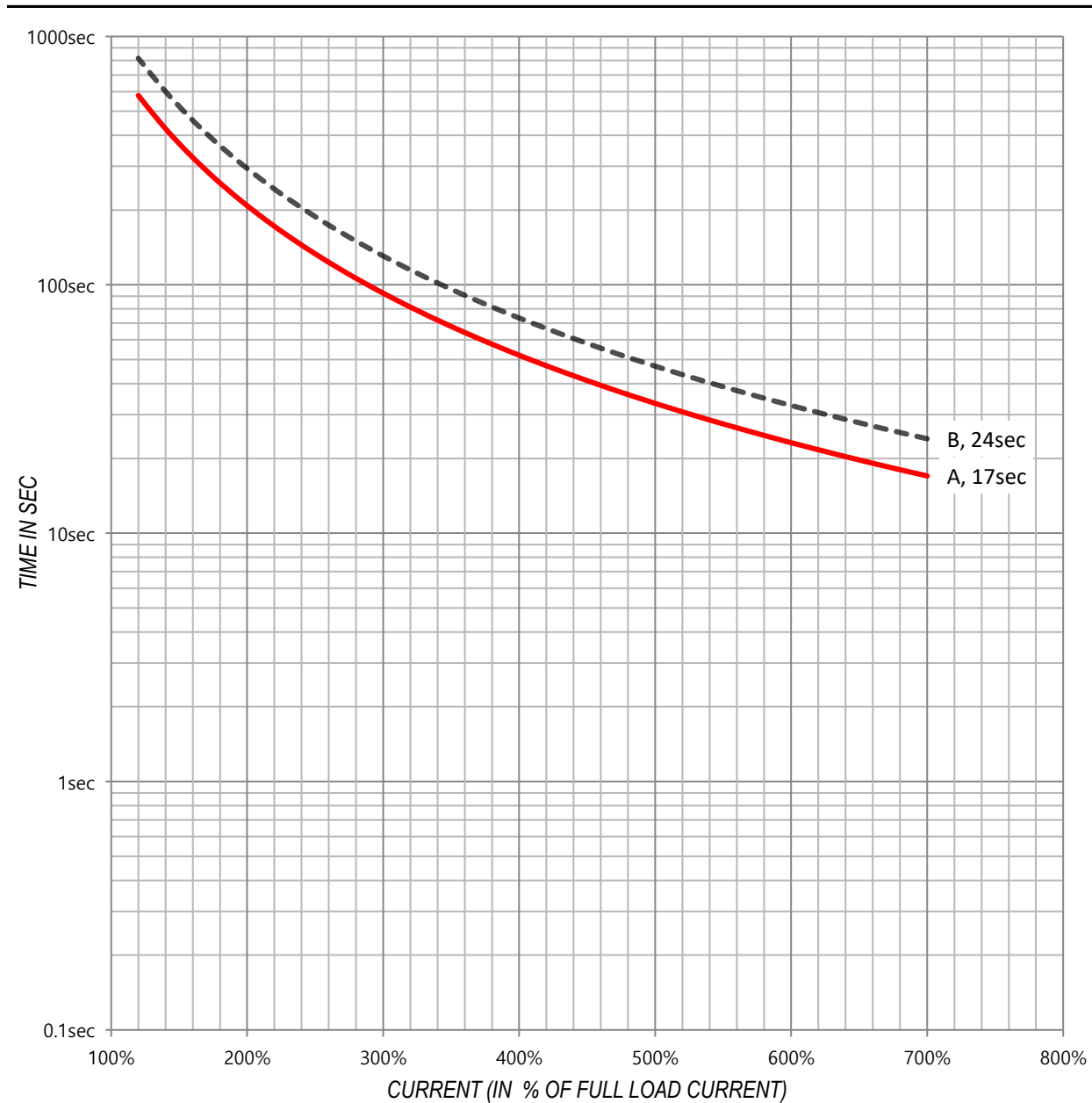


HYOSUNG <small>HEAVY INDUSTRIES</small>			SPEED - TORQUE & CURRENT CURVE		Curve No.	
					1ST_D1ML5338	
OUTPUT	160	kW	POLES	8	P	
VOLTAGE	-	V	FREQUENCY	60	Hz	
FULL LOAD TORQUE	175.1	kg·m	FULL LOAD CURRENT	-	A	
LOCKED ROTOR TORQUE	115	%	LOCKED-ROTOR CURRENT	700	%	
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890	r/min	
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	42.526	kg·m ²	



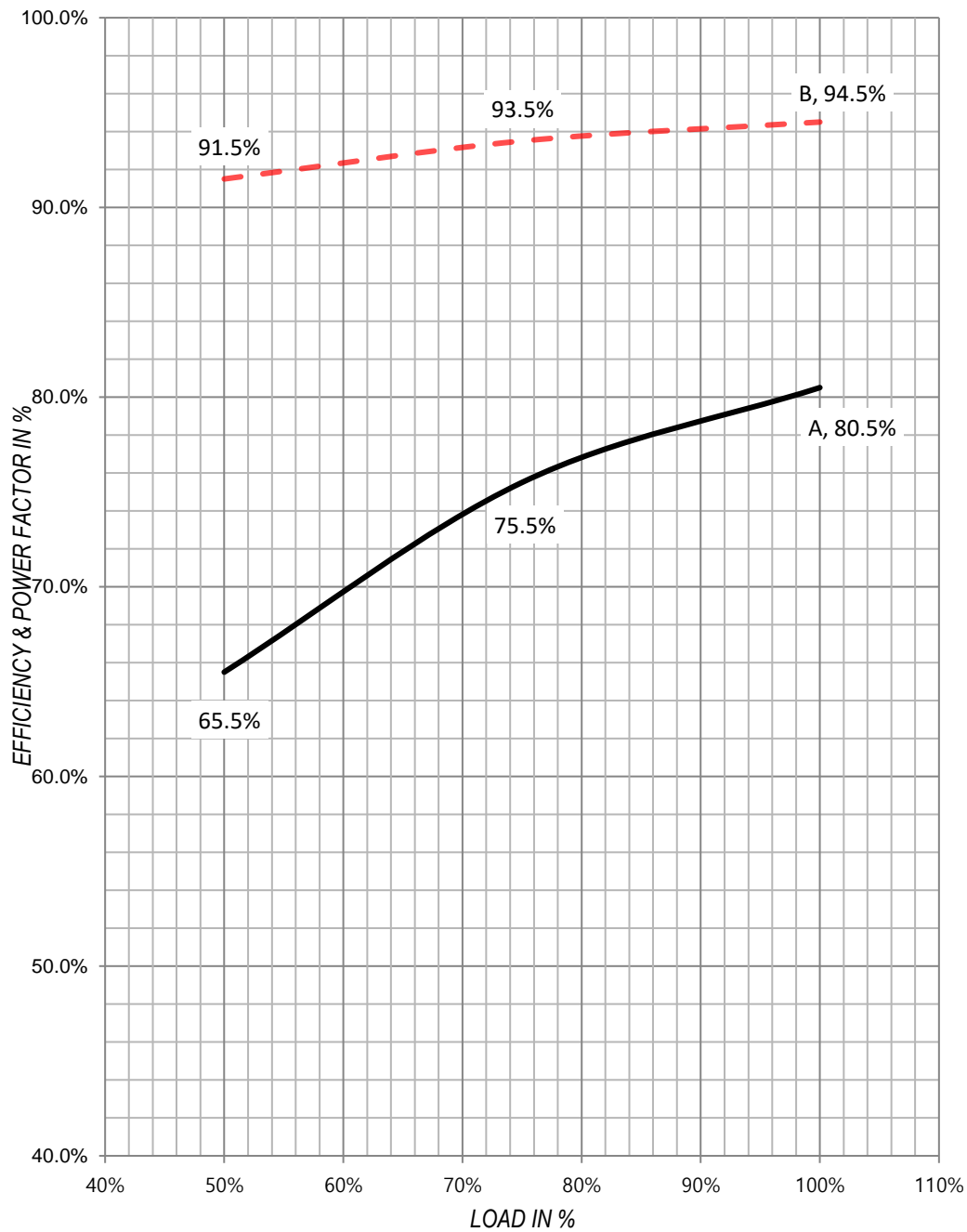
NOTE			
	A	: SPEED-TORQUE CURVE AT	100% RATED VOLTAGE
	B	: SPEED-TORQUE CURVE AT	90% RATED VOLTAGE
	C	: SPEED-TORQUE CURVE AT	80% RATED VOLTAGE
	D	: SPEED-CURRENT CURVE AT	100% RATED VOLTAGE
	E	: SPEED-CURRENT CURVE AT	90% RATED VOLTAGE
	F	: SPEED-CURRENT CURVE AT	80% RATED VOLTAGE

HYOSUNG <small>HEAVY INDUSTRIES</small>	THERMAL LIMIT & TIME - CURRENT CURVE		Curve No.	
			1TL_D1ML5338	
OUTPUT	160	kW	POLES	8 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	175.1	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	115	%	LOCKED-ROTOR CURRENT	700 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	42.526 kg·m ²



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 ² AT MOTOR SHAFT
	. . .	E * SPEED-TORQUE CURVE OF LOAD

HYOSUNG <small>HEAVY INDUSTRIES</small>	LOAD - POWER FACTOR & EFFICIENCY CURVE		Curve No.	
			1PE_D1ML5338	
OUTPUT	160	kW	POLES	8 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	175.1	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	115	%	LOCKED-ROTOR CURRENT	700 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	42.526 kg·m ²



NOTE

A : LOAD - POWER FACTOR CURVE

B : LOAD - EFFICIENCY CURVE