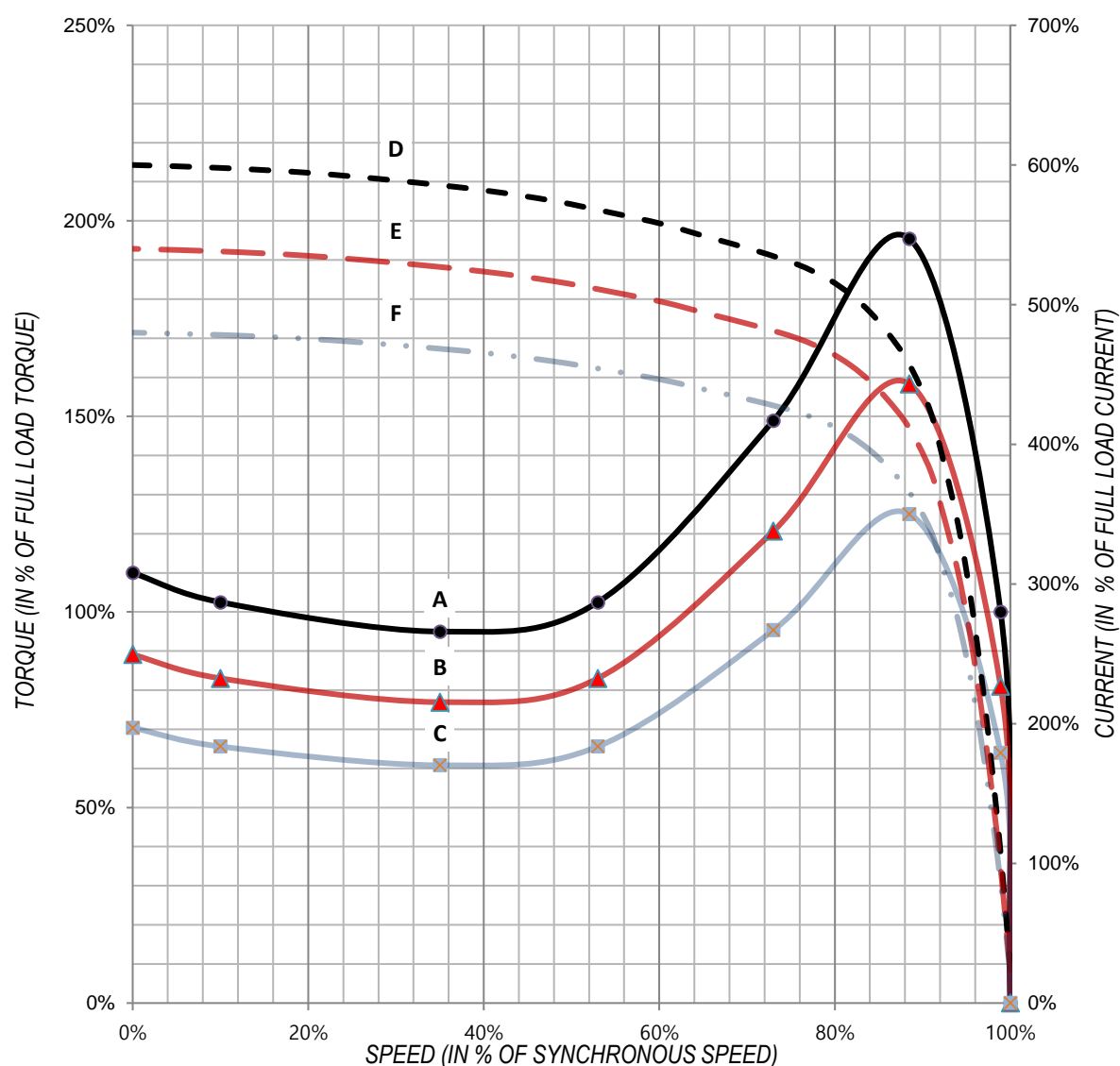


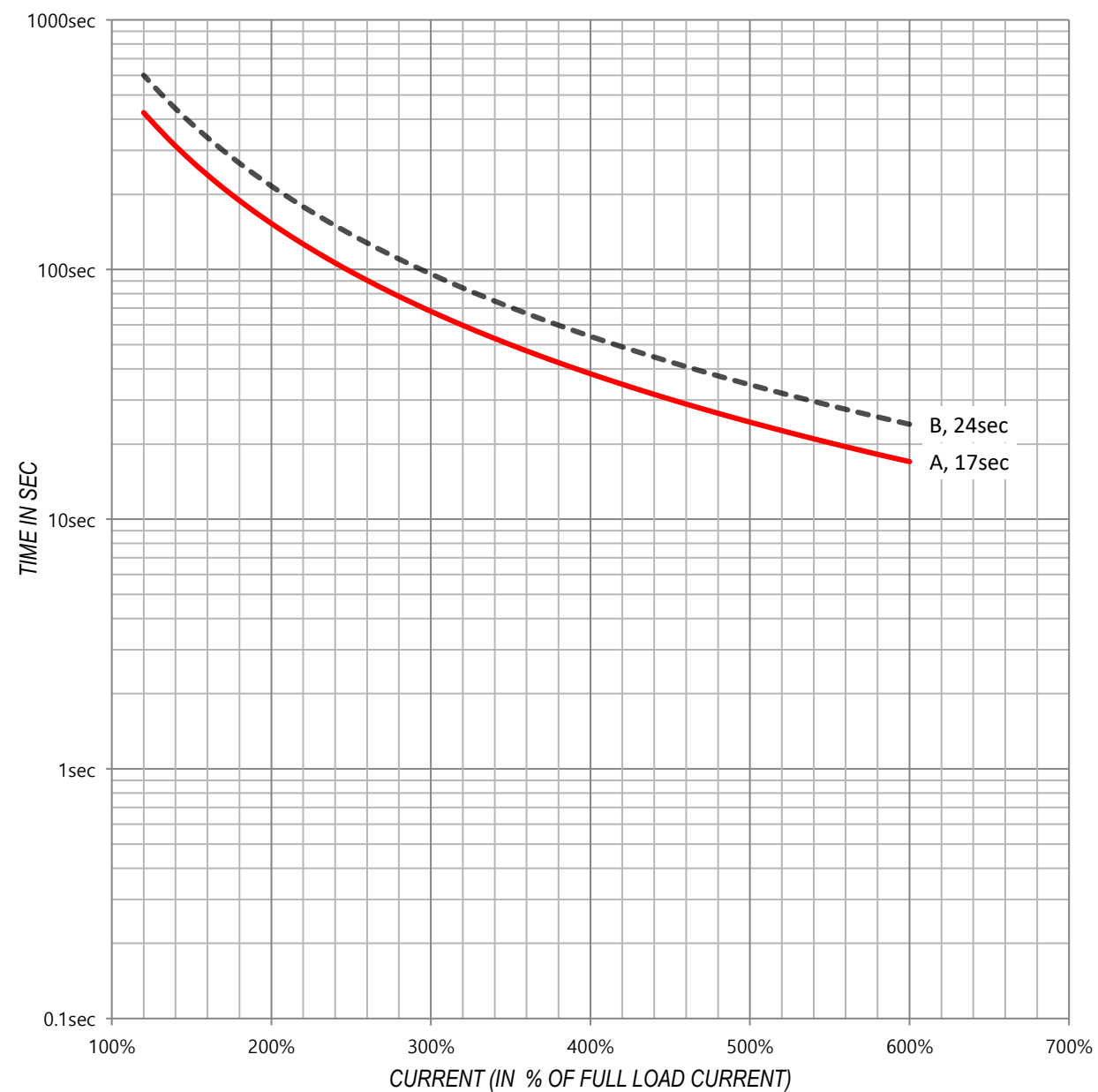
HYOSUNG <small>HEAVY INDUSTRIES</small>	SPEED - TORQUE & CURRENT CURVE		Curve No.	
			1ST_D1ML5681	
OUTPUT	150	kW	POLES	8 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	164.2	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	110	%	LOCKED-ROTOR CURRENT	600 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	40.153 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

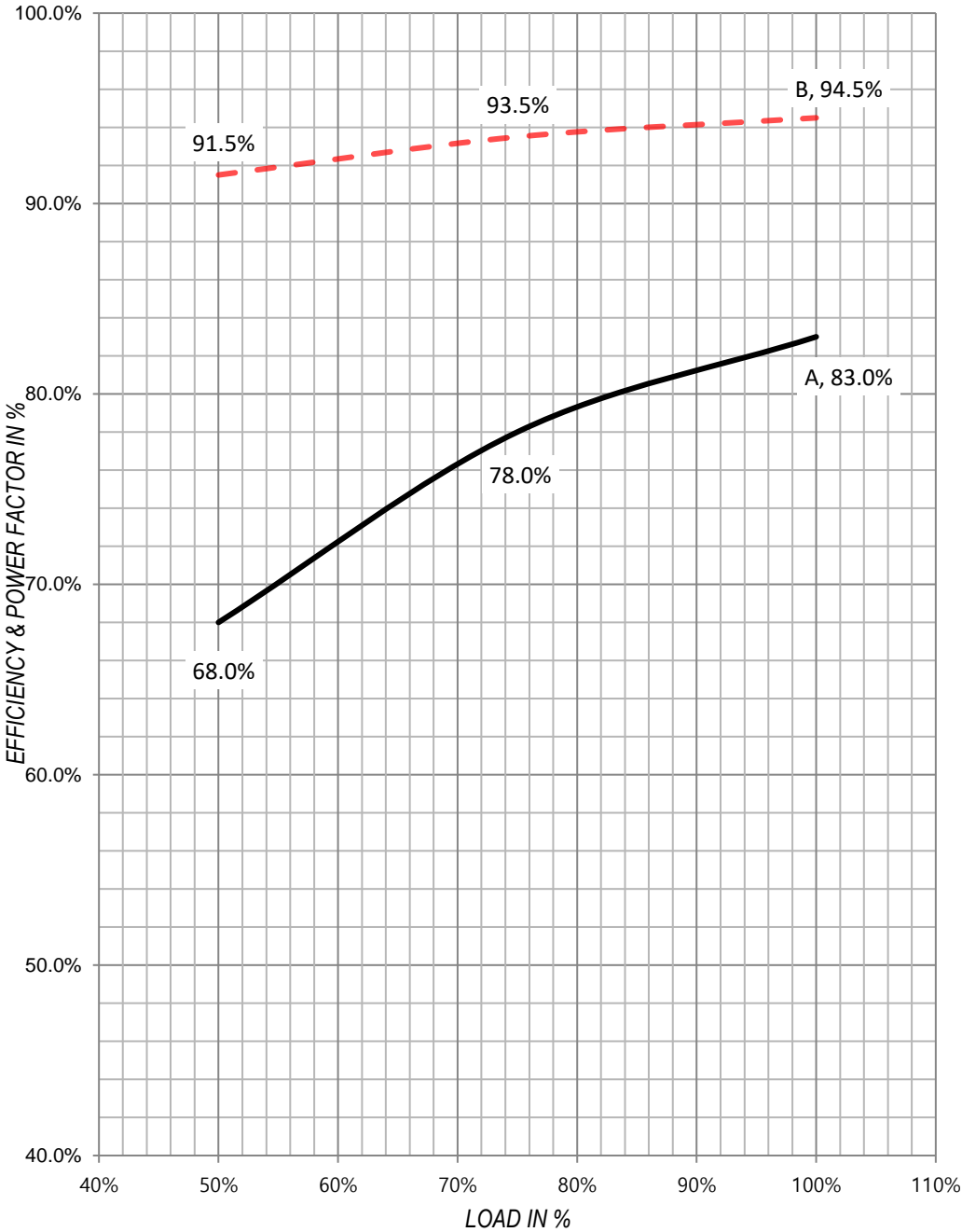
HYOSUNG <small>HEAVY INDUSTRIES</small>	THERMAL LIMIT & TIME - CURRENT CURVE		Curve No.	
			1TL_D1ML5681	
OUTPUT	150	kW	POLES	8 P
VOLTAGE	-	V	FREQUENCY	60 Hz
FULL LOAD TORQUE	164.2	kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	110	%	LOCKED-ROTOR CURRENT	600 %
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	40.153 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 GD² AT MOTOR SHAFT
- · · E * SPEED-TORQUE CURVE OF LOAD

HYOSUNG <small>HEAVY INDUSTRIES</small>	LOAD - POWER FACTOR & EFFICIENCY CURVE				Curve No.
					1PE_D1ML5681
OUTPUT	150	kW	POLES	8	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	164.2	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	110	%	LOCKED-ROTOR CURRENT	600	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	40.153	kg·m ²



NOTE

A : LOAD - POWER FACTOR CURVE

B : LOAD - EFFICIENCY CURVE