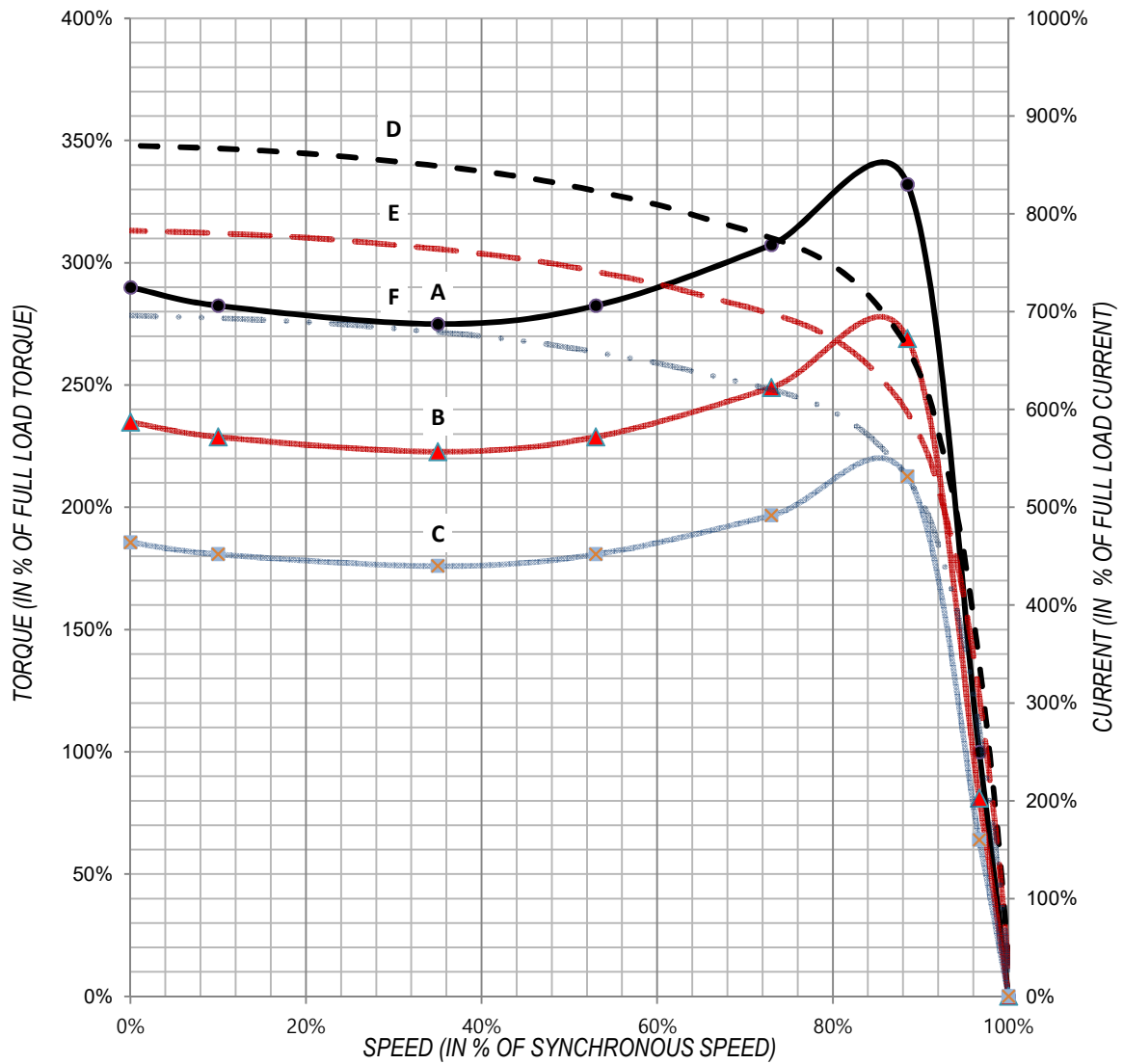


SPEED - TORQUE & CURRENT CURVE

Curve No.
1ST_DSML21170H

OUTPUT	1.5 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.4 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	290 %	LOCKED-ROTOR CURRENT	870 %
BREAKDOWN TORQUE	340 %	SPEED (at FULL LOAD)	3480 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.012 kg·m ²



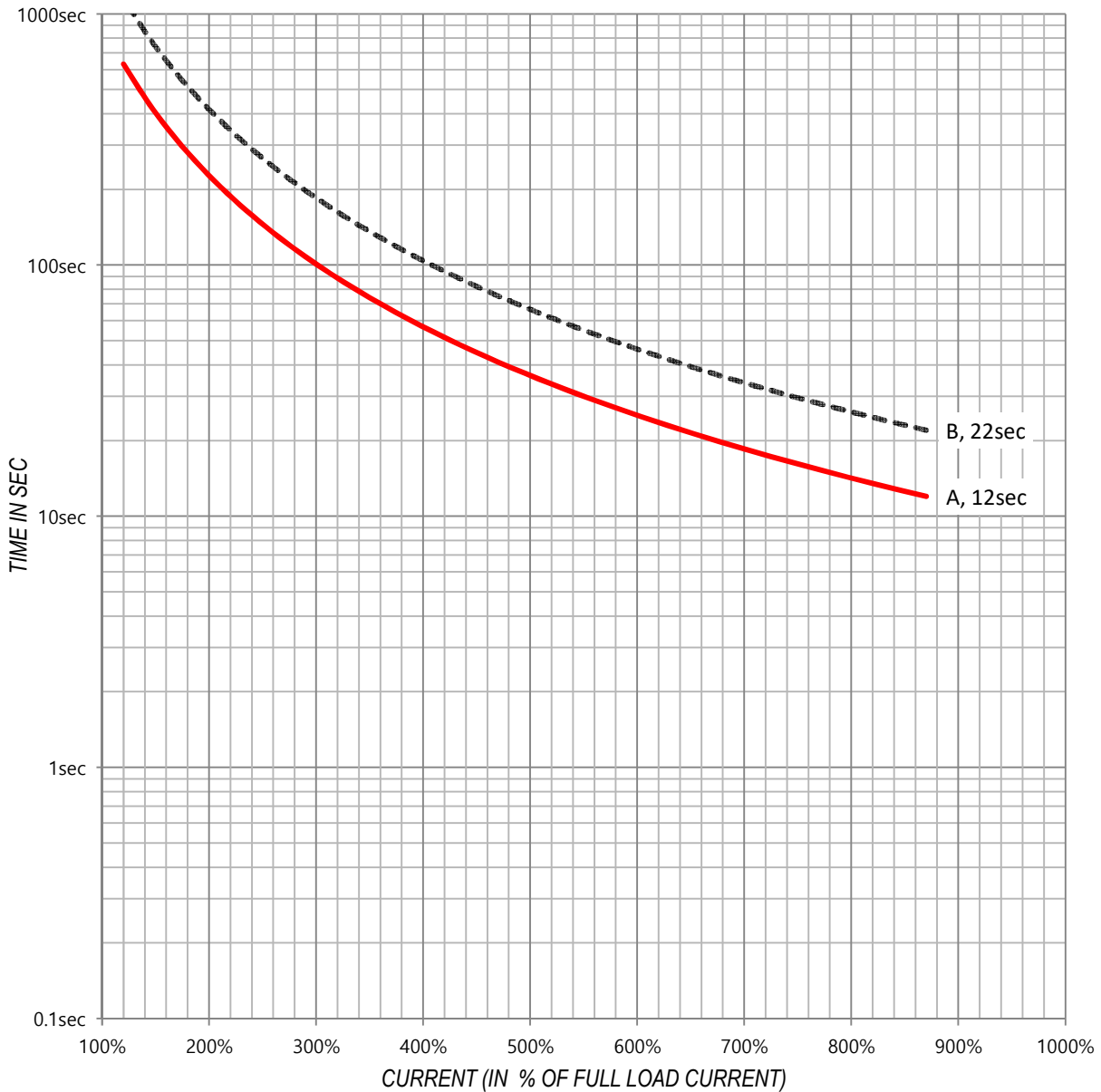
NOTE

- 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

THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.	
1TL_DSML21170H	

OUTPUT	1.5 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.4 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	290 %	LOCKED-ROTOR CURRENT	870 %
BREAKDOWN TORQUE	340 %	SPEED (at FULL LOAD)	3480 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.012 kg·m ²



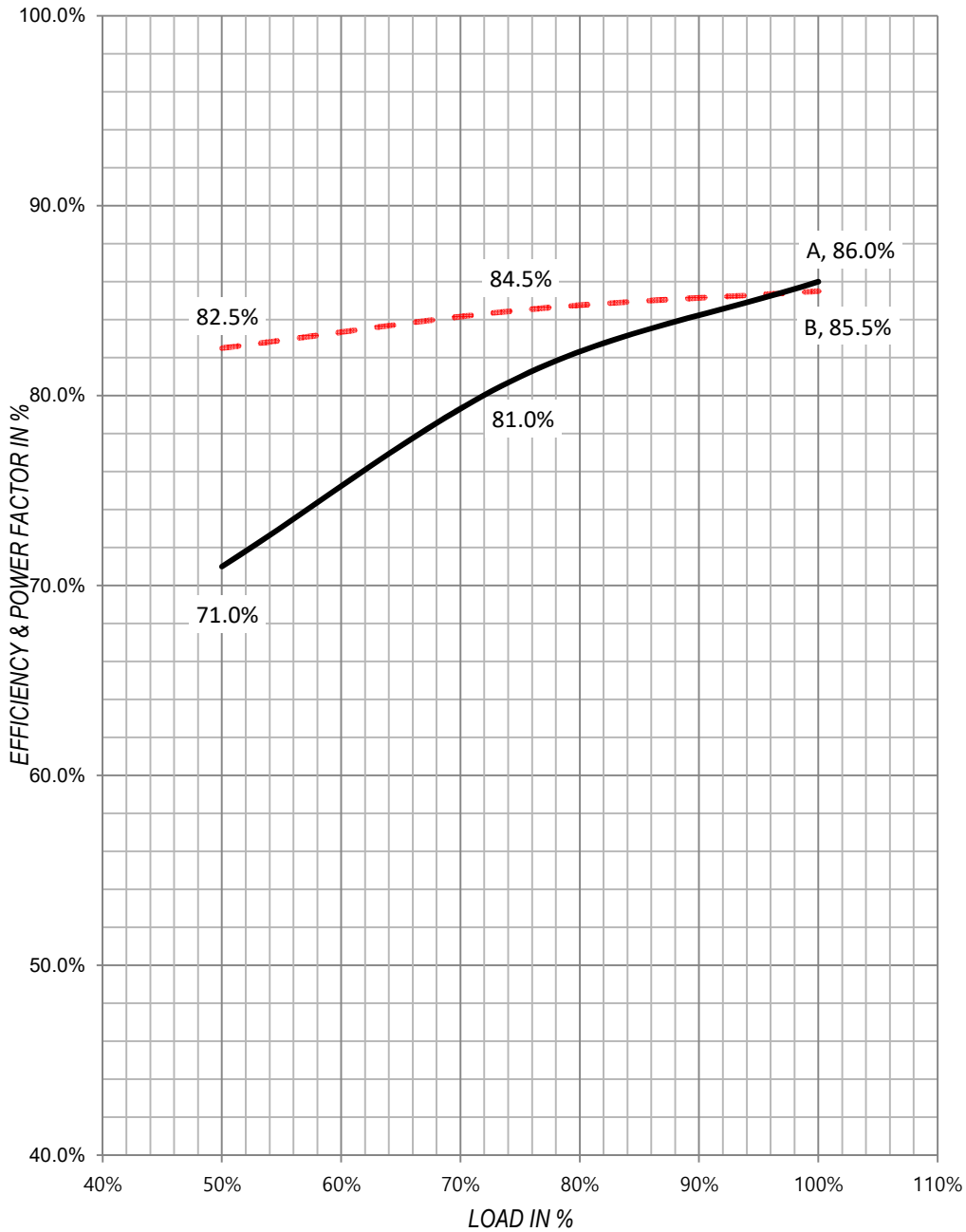
NOTE

- 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

LOAD - POWER FACTOR & EFFICIENCY CURVE

Curve No.
1PE_DSML21170H

OUTPUT	1.5 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.4 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	290 %	LOCKED-ROTOR CURRENT	870 %
BREAKDOWN TORQUE	340 %	SPEED (at FULL LOAD)	3480 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.012 kg·m ²



NOTE

— A : LOAD - POWER FACTOR CURVE

- - - B : LOAD - EFFICIENCY CURVE