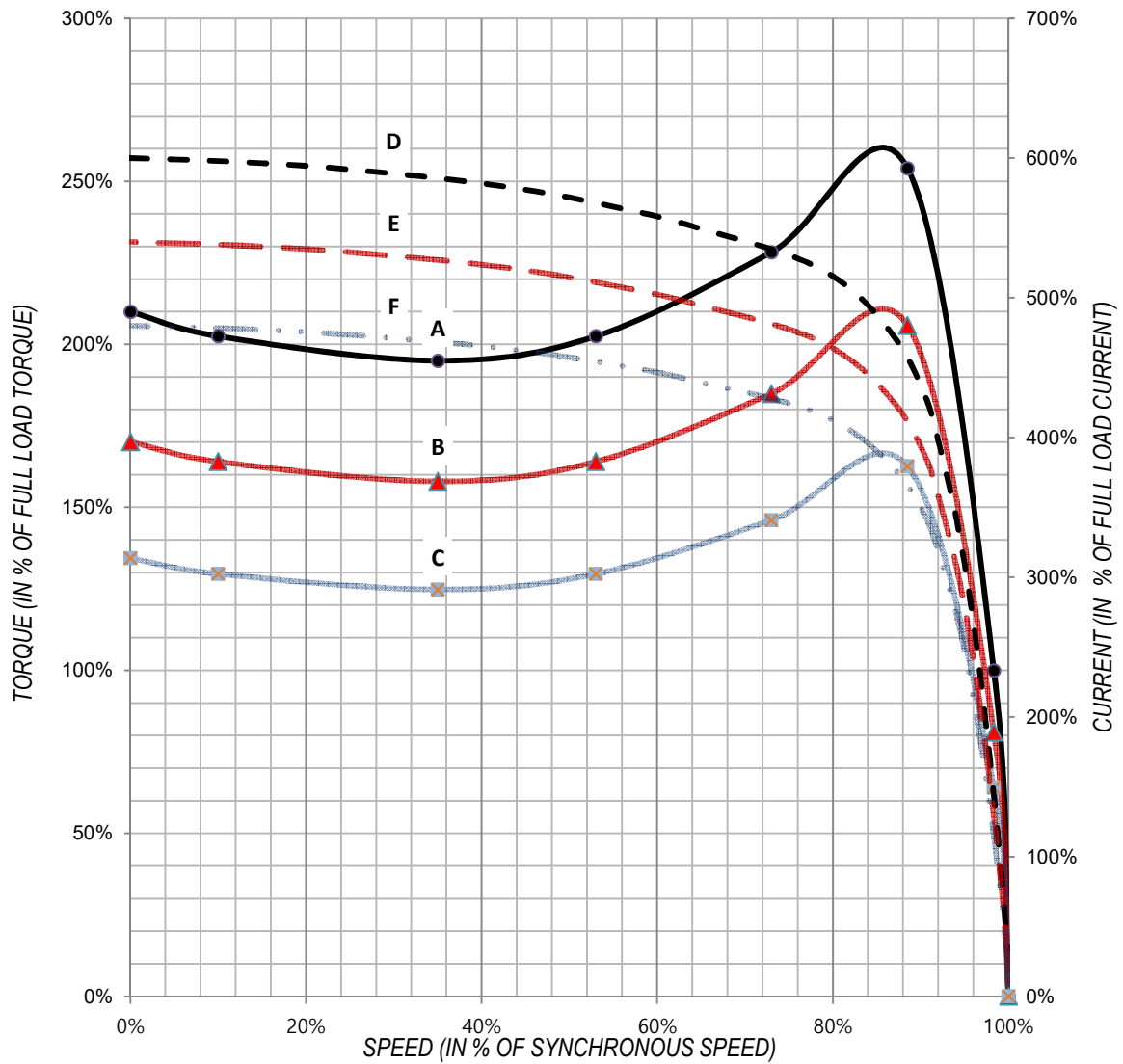


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_DSML22082M

OUTPUT	7.5 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	4.13 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	210 %	LOCKED-ROTOR CURRENT	600 %
BREAKDOWN TORQUE	260 %	SPEED (at FULL LOAD)	1770 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.204 kg·m ²

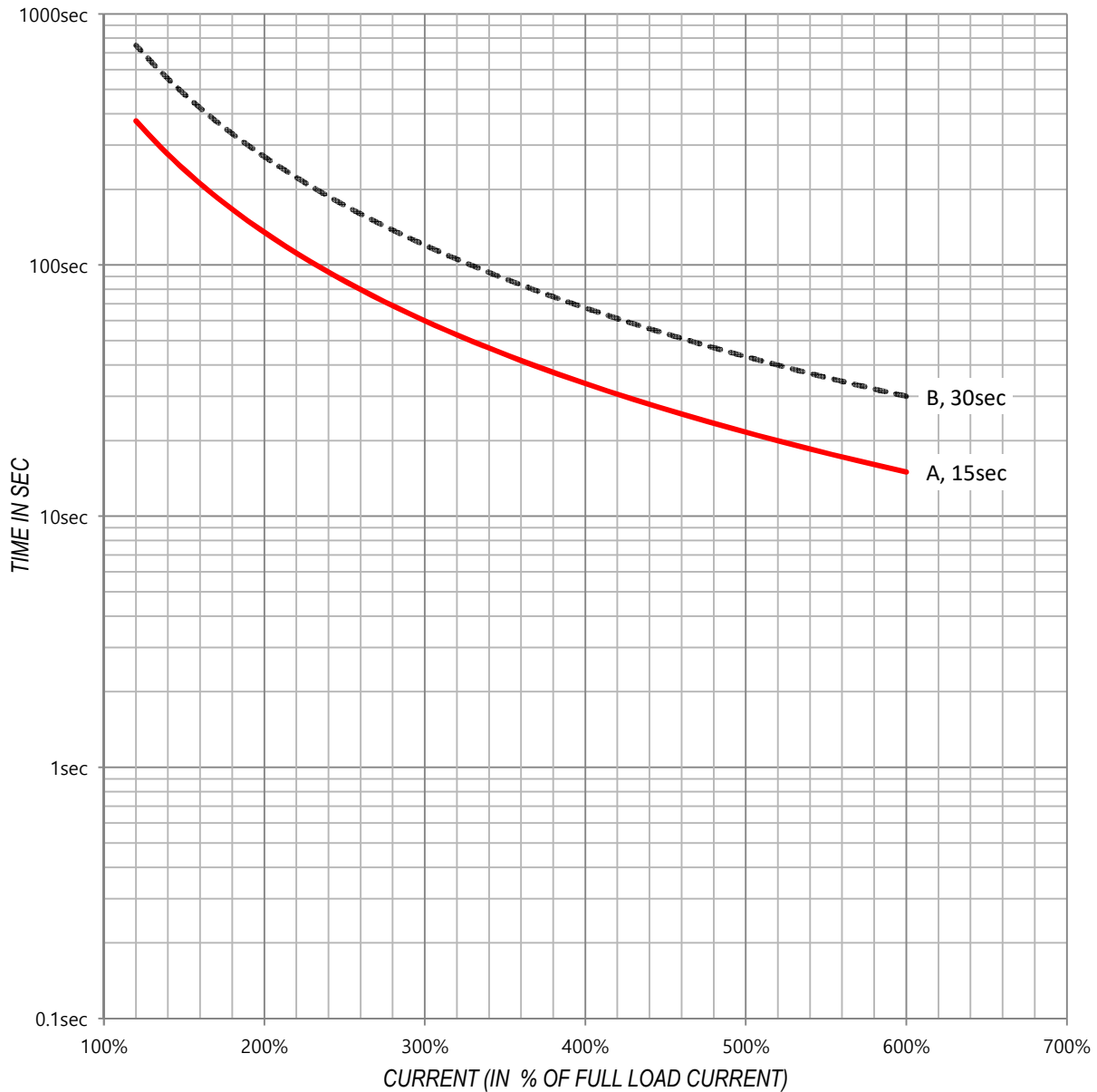


NOTE	
	A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE
	B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE
	C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE
	D : SPEED-CURRENT CURVE AT 100% RATED VOLTAGE
	E : SPEED-CURRENT CURVE AT 90% RATED VOLTAGE
	F : SPEED-CURRENT CURVE AT 80% RATED VOLTAGE

THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.
1TL_DSML22082M

OUTPUT	7.5 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	4.13 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	210 %	LOCKED-ROTOR CURRENT	600 %
BREAKDOWN TORQUE	260 %	SPEED (at FULL LOAD)	1770 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.204 kg·m ²



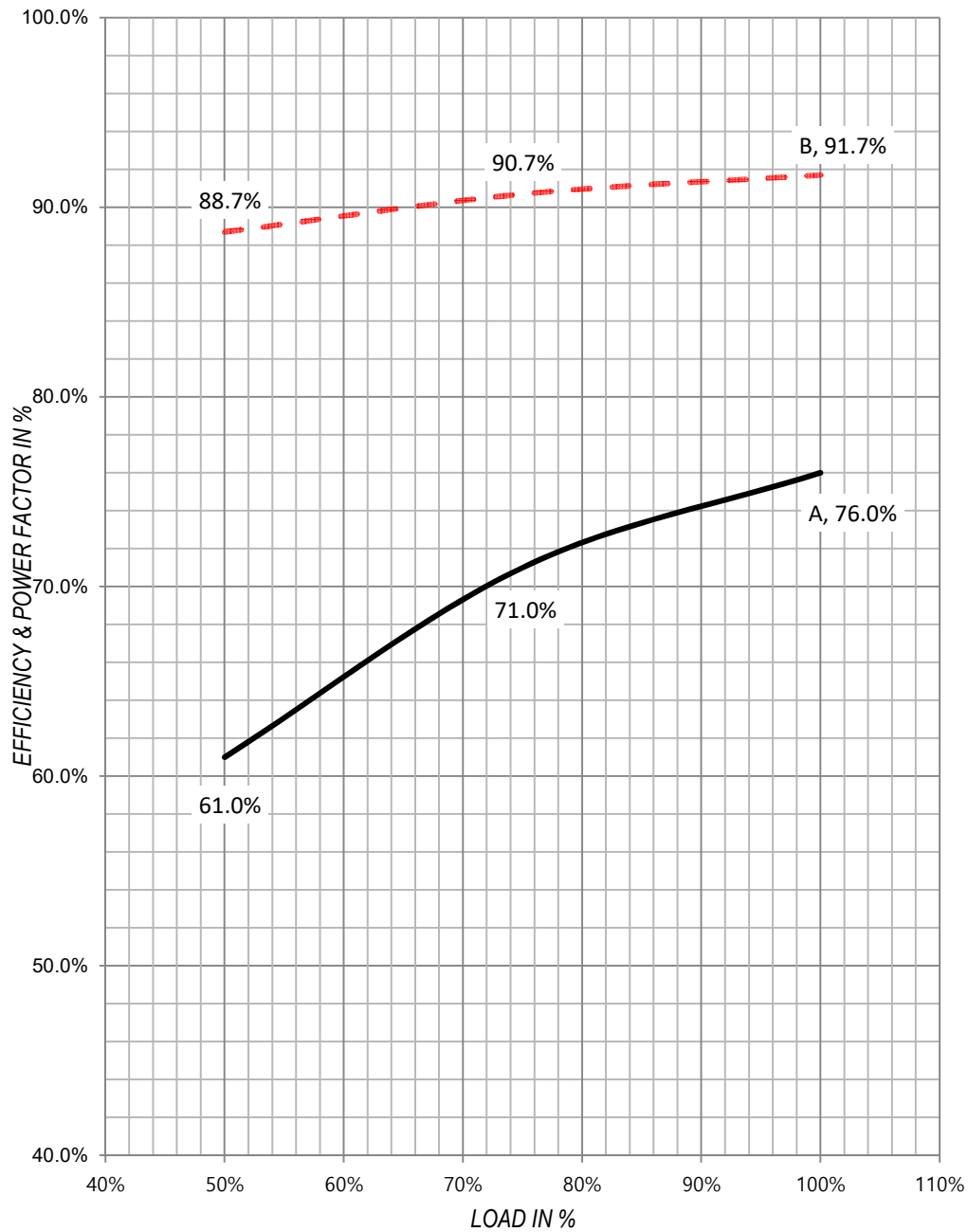
NOTE

- 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_DSML22082M

OUTPUT	7.5 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	4.13 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	210 %	LOCKED-ROTOR CURRENT	600 %
BREAKDOWN TORQUE	260 %	SPEED (at FULL LOAD)	1770 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	0.204 kg·m ²



NOTE

- A : LOAD - POWER FACTOR CURVE
- - - B : LOAD - EFFICIENCY CURVE