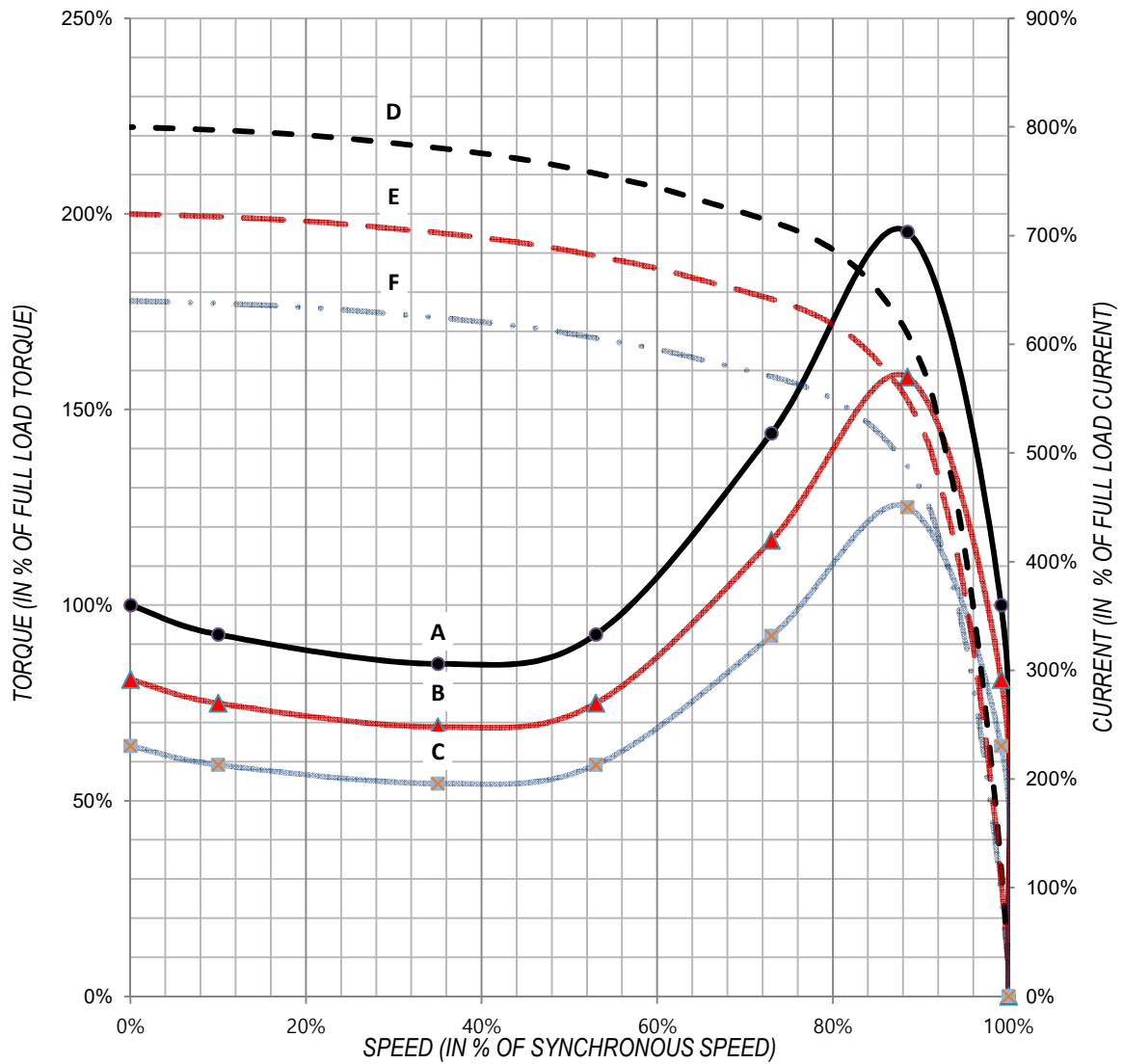


**SPEED - TORQUE & CURRENT CURVE**

Curve No.

1ST\_D1ML9322

OUTPUT	225 kW	POLES	6 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	184.16 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	100 %	LOCKED-ROTOR CURRENT	800 %
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	43.644 kg·m <sup>2</sup>



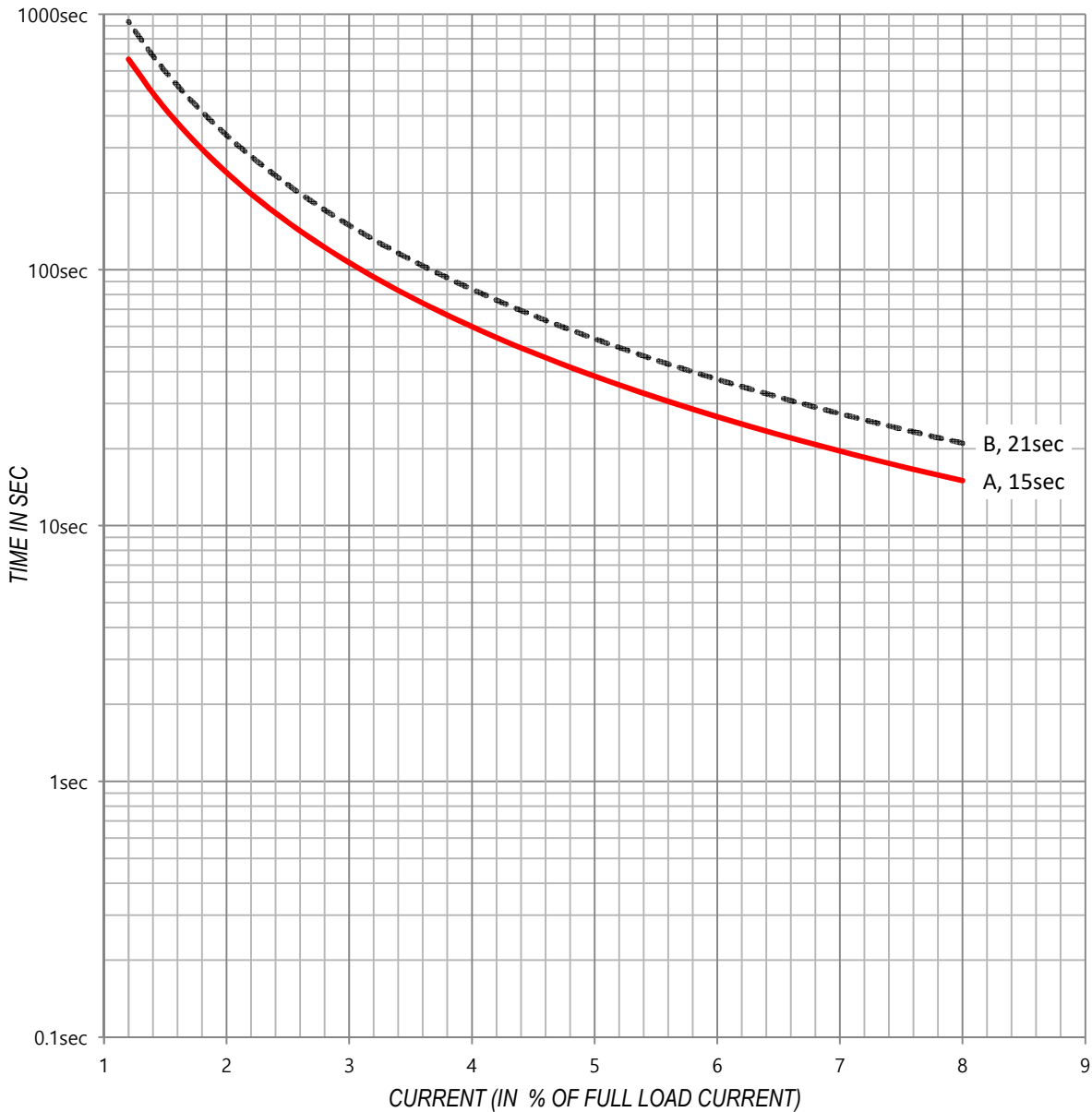
- |             |  |   |
|-------------|--|---|
| <b>NOTE</b> |  | A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE  |
|             |  | B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE   |
|             |  | C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE   |
|             |  | D : SPEED-CURRENT CURVE AT 100% RATED 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

OUTPUT	225 kW	POLES	6 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	184.16 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	100 %	LOCKED-ROTOR CURRENT	800 %
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	43.644 kg·m <sup>2</sup>



**NOTE**

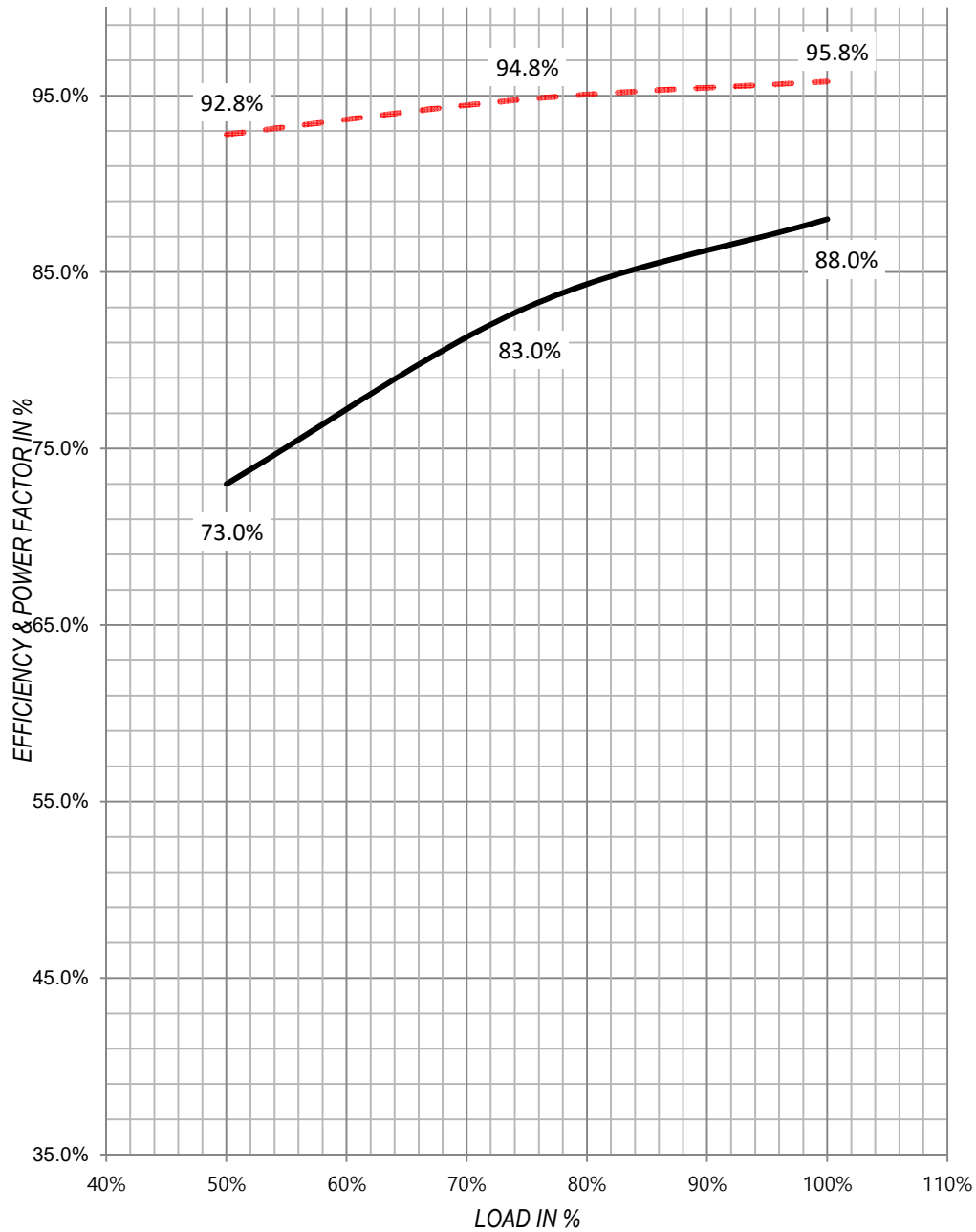
- A : THERMAL LIMIT CURVE AT HOT CONDITION
- - - - - B : THERMAL LIMIT CURVE AT COLD CONDITION
- - - - - C : ※TIME-CURRENT CURVES(C,D,E) NEED BELOW DATA TO BE DRAWN
- - - - - D : \* LOAD GD<sup>2</sup> AT MOTOR SHAFT
- - - - - E : \* SPEED-TORQUE CURVE OF LOAD

**LOAD - POWER FACTOR & EFFICIENCY CURVE**

Curve No.

1PE\_D1ML9322

OUTPUT	225	kW	POLES	6	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	184.16	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	100	%	LOCKED-ROTOR CURRENT	800	%
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	43.644	kg·m <sup>2</sup>



**NOTE**

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