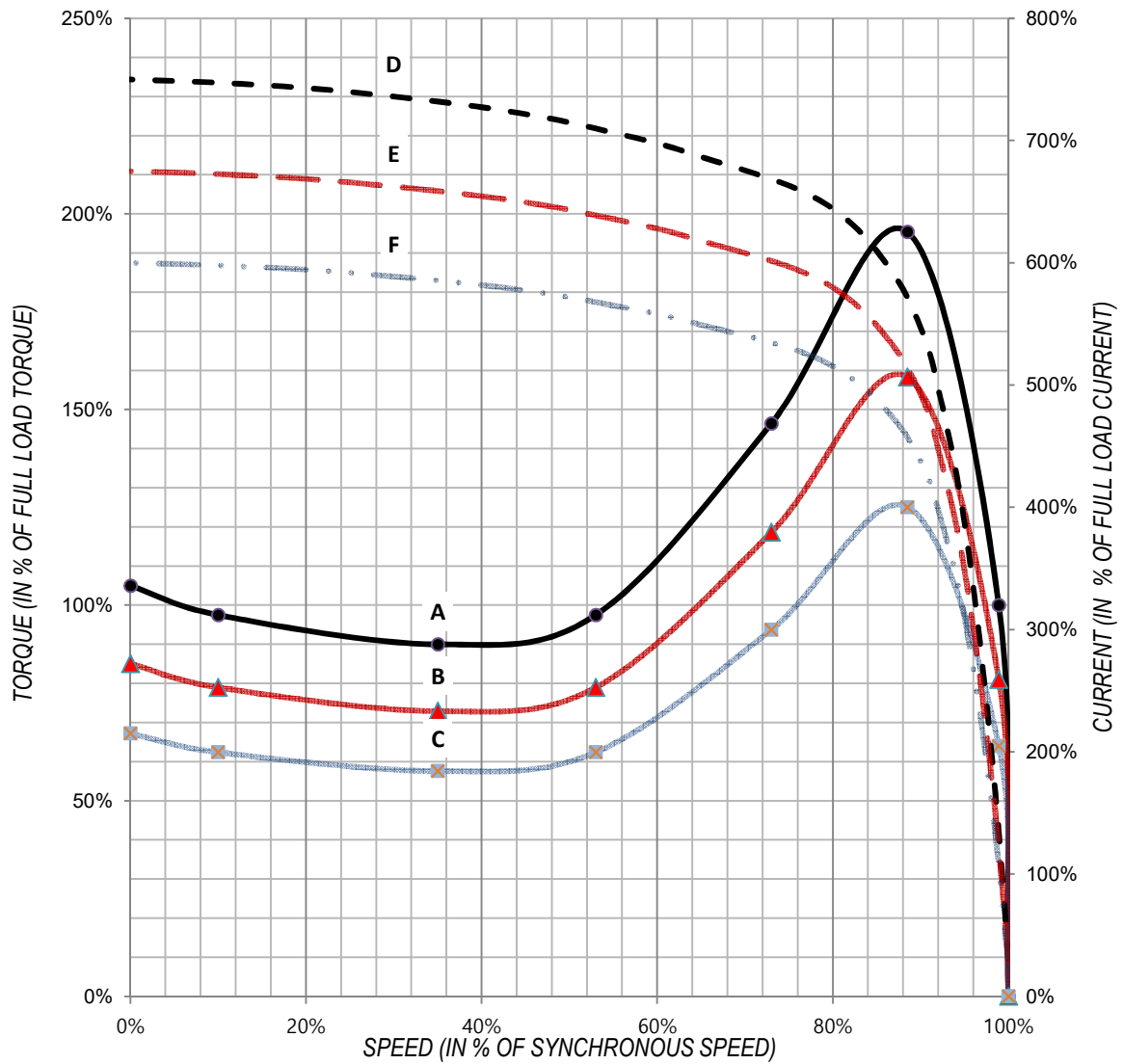


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_E00004599

OUTPUT	225 kW	POLES	8 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	246.24 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	105 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	200 %	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	85.66 kg·m ²



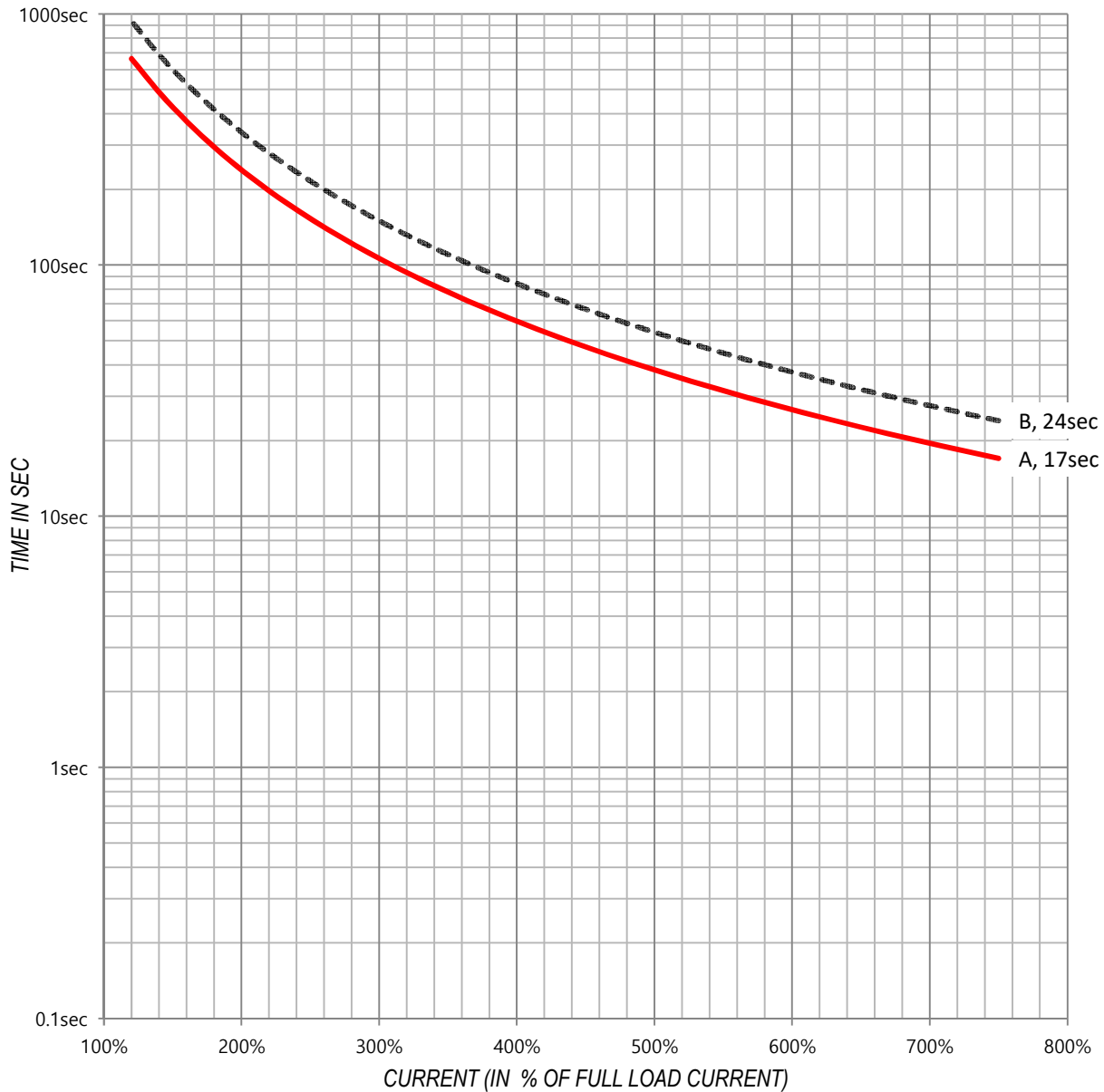
NOTE	
	A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE
	B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE
	C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE
	D : SPEED-CURRENT CURVE AT 100% RATED VOLTAGE
	E : SPEED-CURRENT CURVE AT 90% RATED VOLTAGE
	F : SPEED-CURRENT CURVE AT 80% RATED VOLTAGE

THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.

1TL_E00004599

OUTPUT	225	kW	POLES	8	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	246.24	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	105	%	LOCKED-ROTOR CURRENT	750	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	890	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	85.66	kg·m ²



NOTE

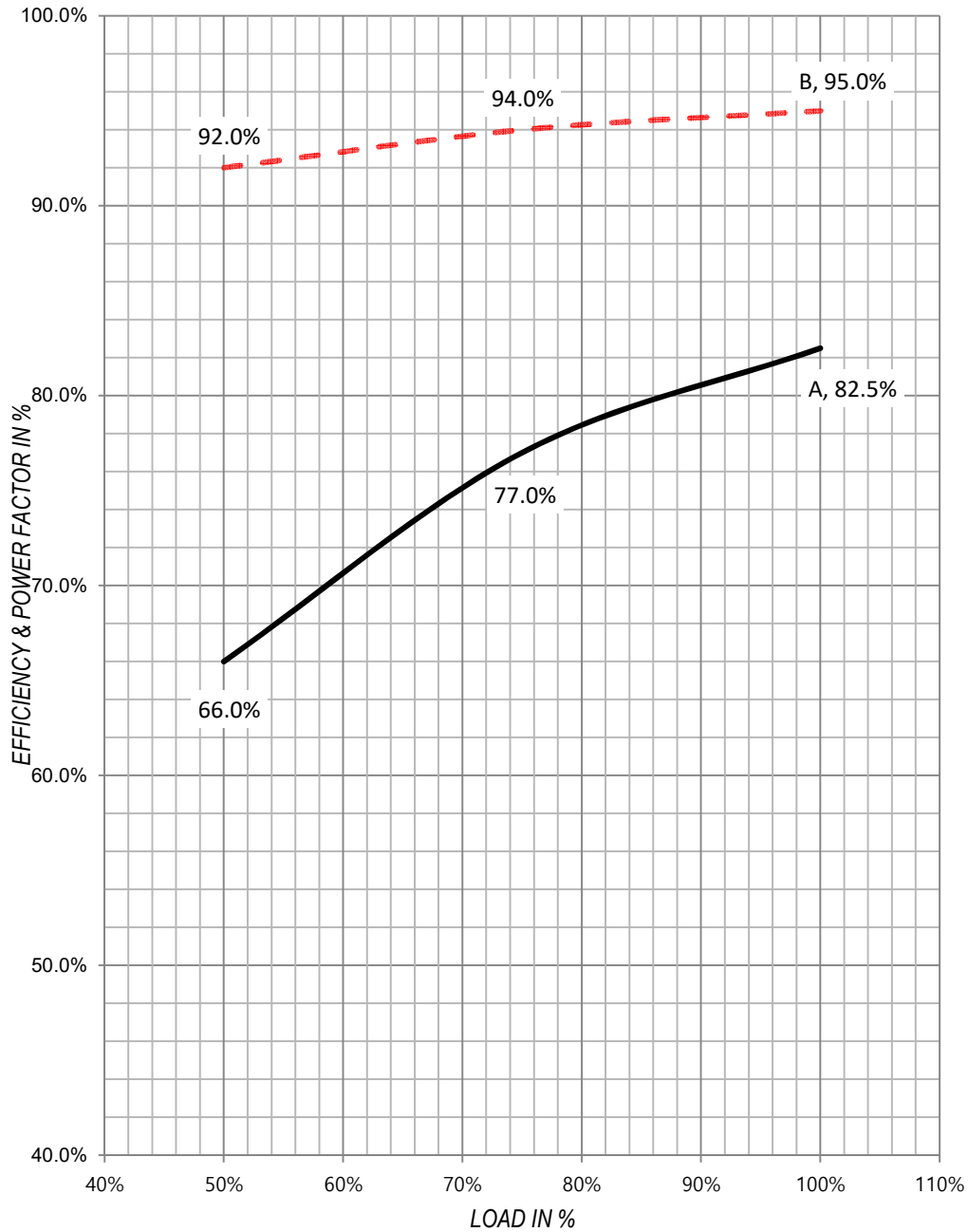
- A : THERMAL LIMIT CURVE AT HOT CONDITION
- - - - B : THERMAL LIMIT CURVE AT COLD CONDITION
- - - - C ※TIME-CURRENT CURVES(C,D,E) NEED BELOW DATA TO BE DRAWN
- - - - D * LOAD GD² AT MOTOR SHAFT
- - - - E * SPEED-TORQUE CURVE OF LOAD

LOAD - POWER FACTOR & EFFICIENCY CURVE

Curve No.

1PE_E00004599

OUTPUT	225 kW	POLES	8 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	246.24 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	105 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	200 %	SPEED (at FULL LOAD)	890 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	85.66 kg·m ²



NOTE

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