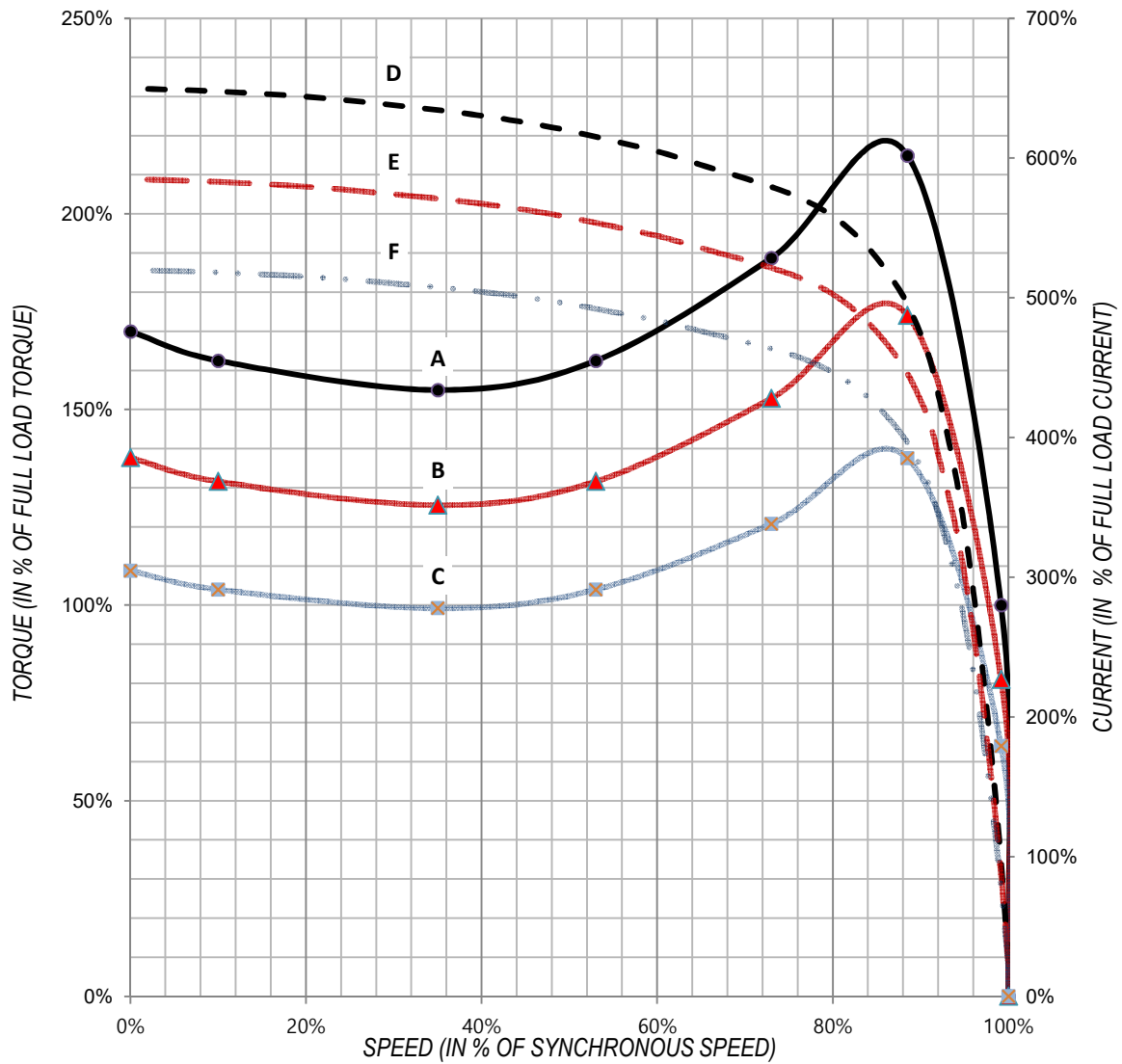


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML20424

OUTPUT	75 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	40.90 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	170 %	LOCKED-ROTOR CURRENT	650 %
BREAKDOWN TORQUE	220 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	4.799 kg·m ²



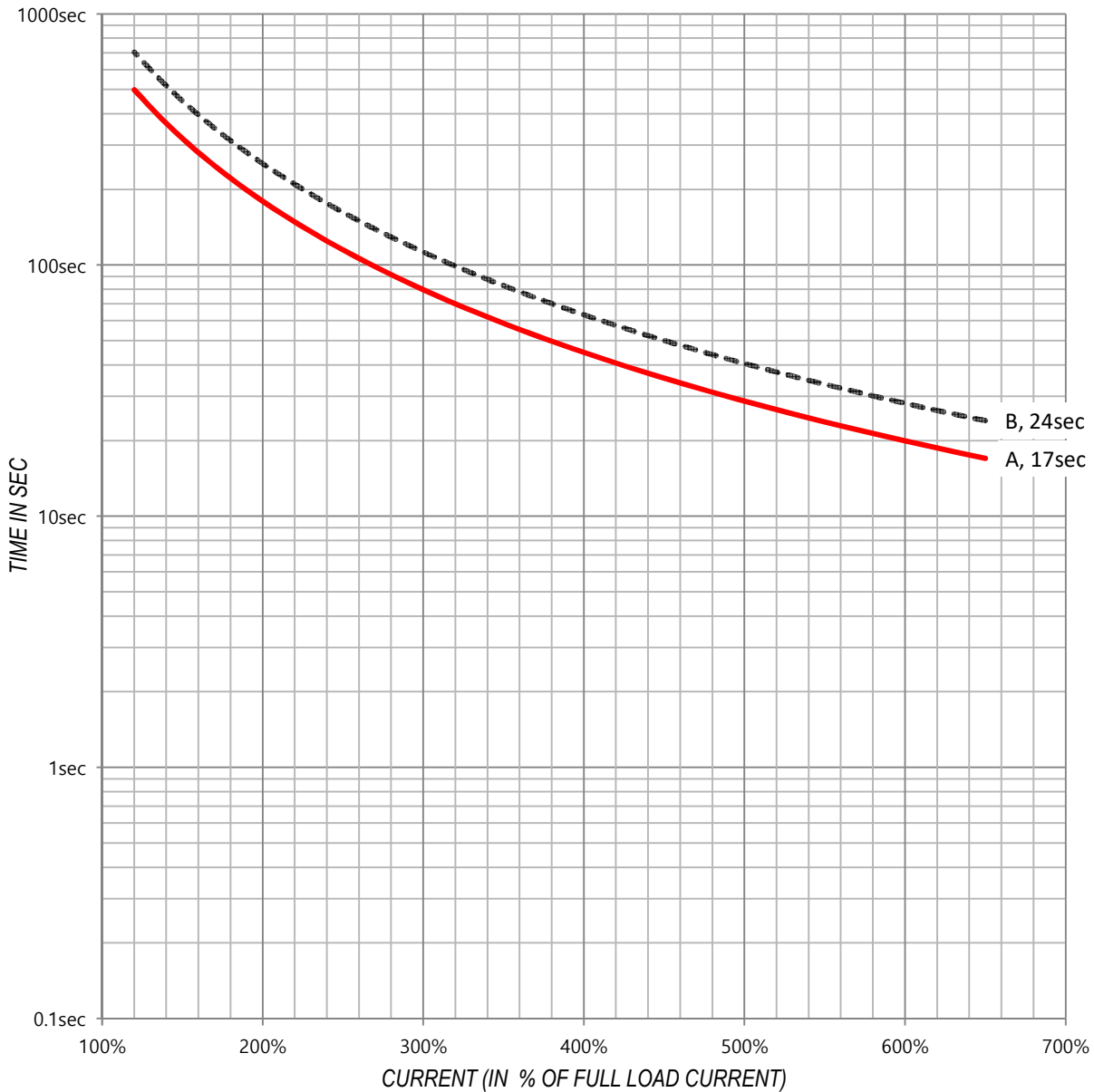
NOTE

- 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_D1ML20424

OUTPUT	75 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	40.90 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	170 %	LOCKED-ROTOR CURRENT	650 %
BREAKDOWN TORQUE	220 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	4.799 kg·m ²



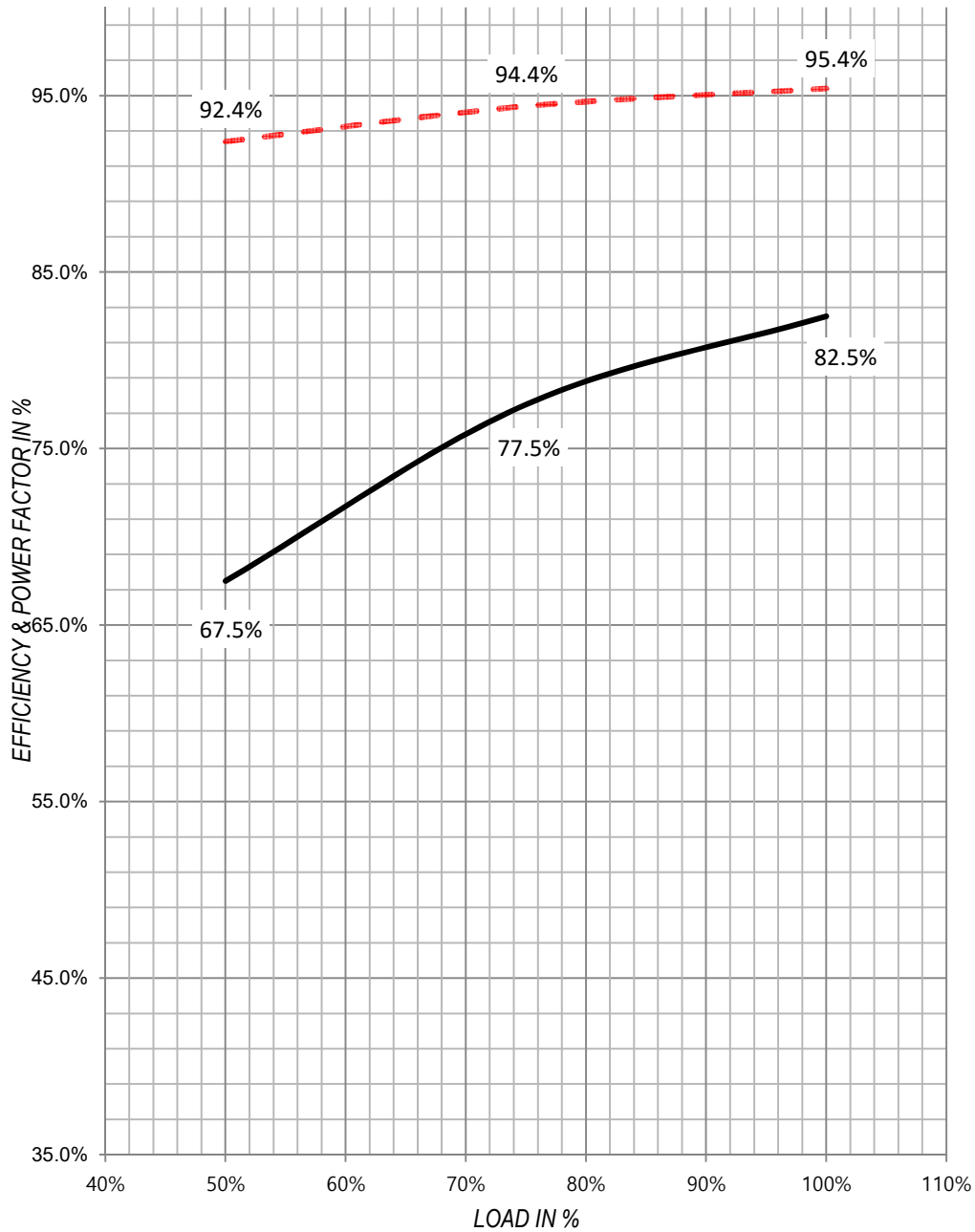
NOTE

- 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_D1ML20424

OUTPUT	75 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	40.90 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	170 %	LOCKED-ROTOR CURRENT	650 %
BREAKDOWN TORQUE	220 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	4.799 kg·m ²



NOTE

— A : LOAD - POWER FACTOR CURVE

- - - B : LOAD - EFFICIENCY CURVE