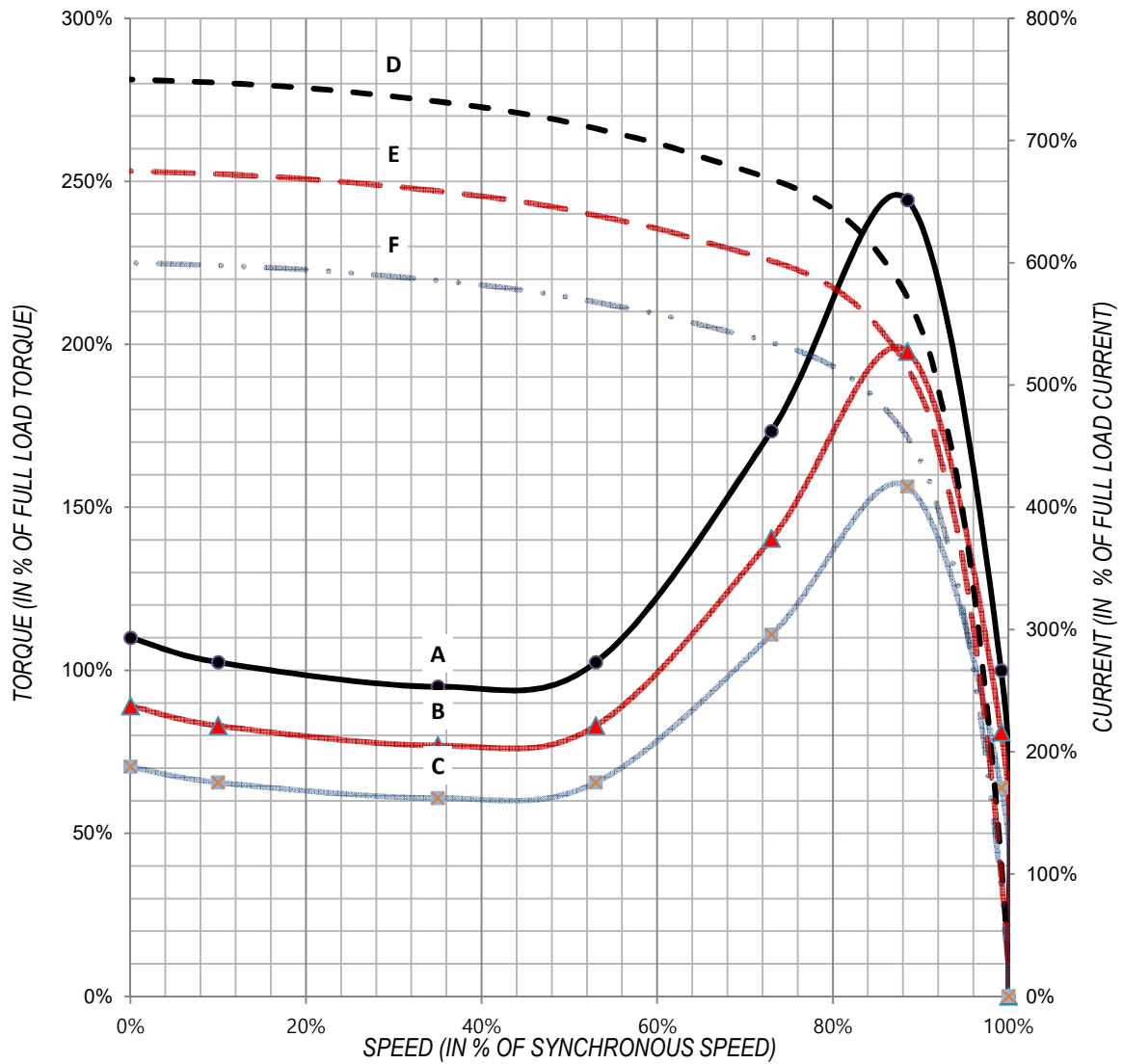


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML9375

OUTPUT	375 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	204.62 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	110 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	250 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	29.6 kg·m ²



NOTE

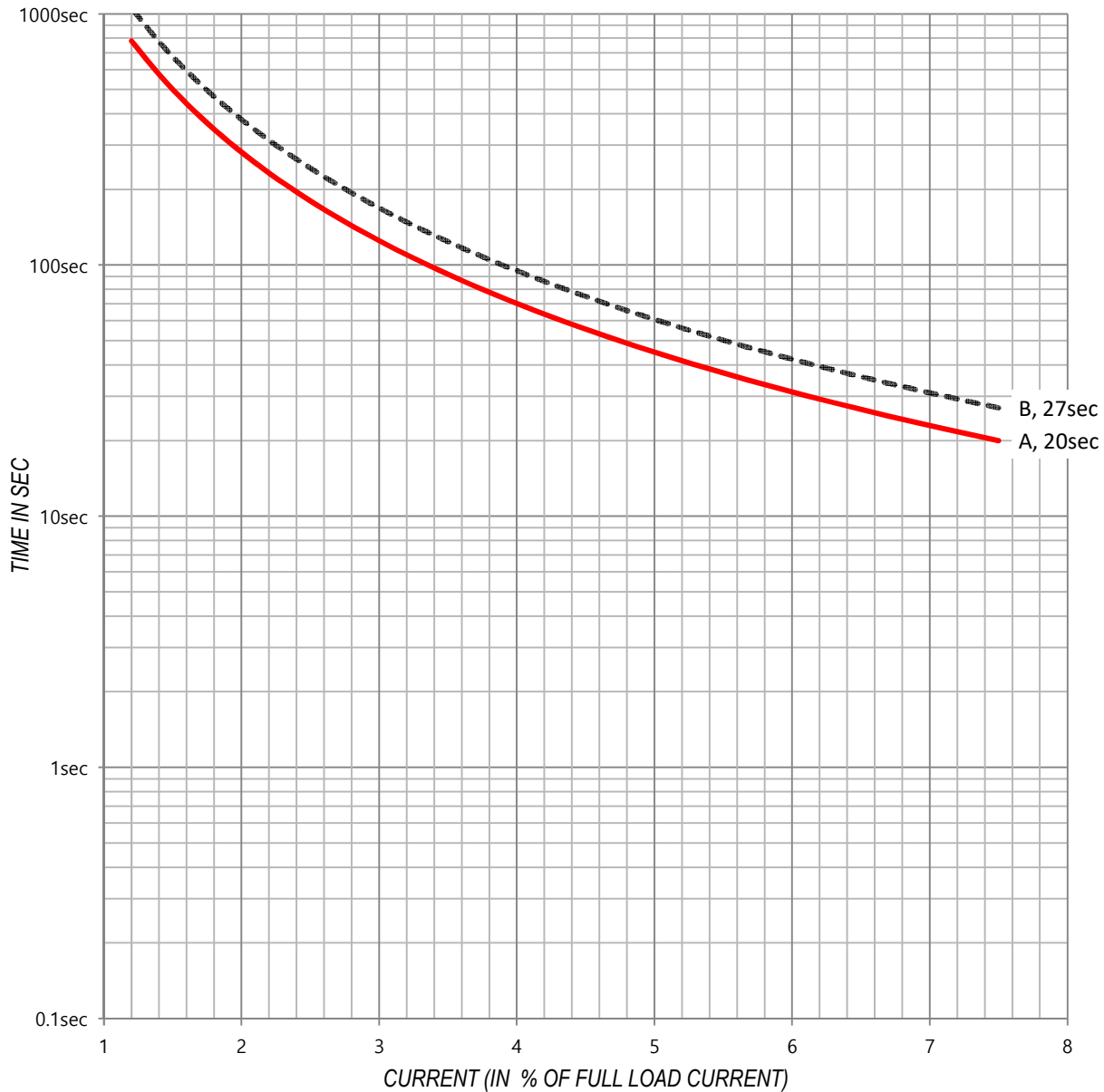
- A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE
- ▲- B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE
- ...■... C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE
- - - D : SPEED-CURRENT CURVE AT 100% RATED VOLTAGE
- - - E : SPEED-CURRENT CURVE AT 90% RATED VOLTAGE
- ... F : SPEED-CURRENT CURVE AT 80% RATED VOLTAGE

THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.

1TL

OUTPUT	375 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	204.62 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	110 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	250 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	29.6 kg·m ²



NOTE

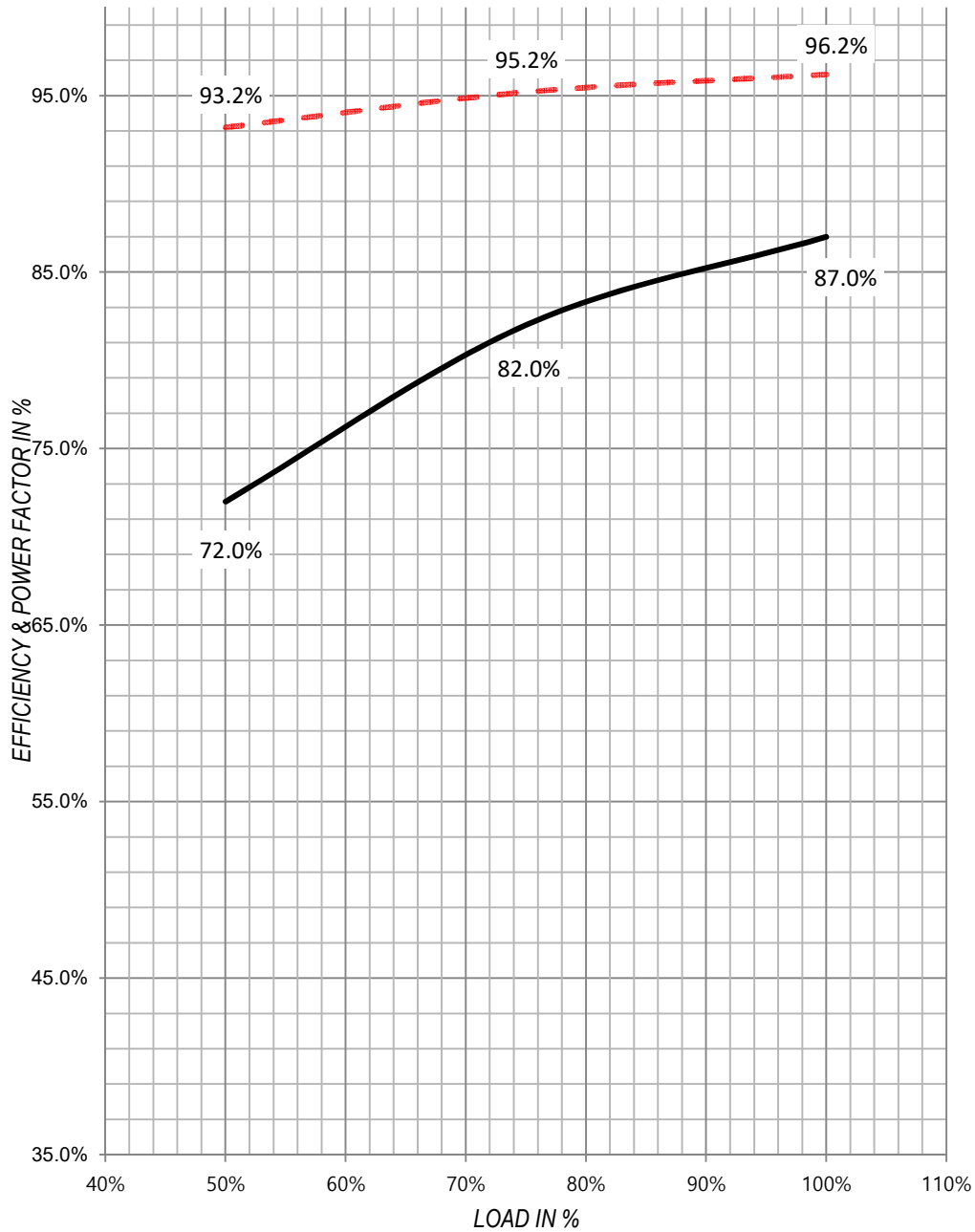
- A : THERMAL LIMIT CURVE AT HOT CONDITION
- - - - B : THERMAL LIMIT CURVE AT COLD CONDITION
- - - - C : ※TIME-CURRENT CURVES(C,D,E) NEED BELOW DATA TO BE DRAWN
- - - - D : * LOAD GD² AT MOTOR SHAFT
- - - - E : * SPEED-TORQUE CURVE OF LOAD

LOAD - POWER FACTOR & EFFICIENCY CURVE

Curve No.

1PE_D1ML9375

OUTPUT	375 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	204.62 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	110 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	250 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	29.6 kg·m ²



NOTE

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