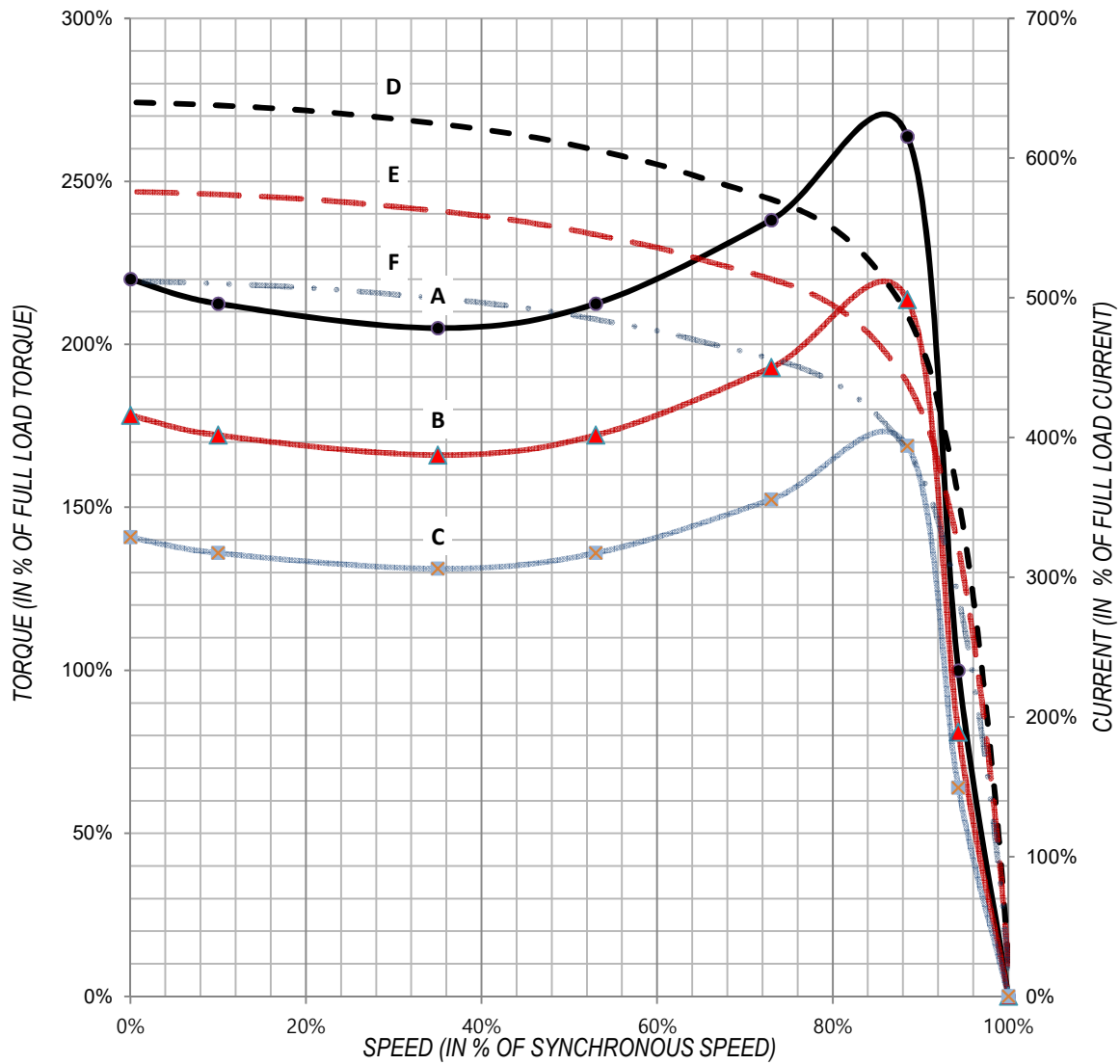


**SPEED - TORQUE & CURRENT CURVE**

Curve No.

1ST\_DSML20696H

OUTPUT	0.75 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.2 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	220 %	LOCKED-ROTOR CURRENT	640 %
BREAKDOWN TORQUE	270 %	SPEED (at FULL LOAD)	3395 r/min
GD <sup>2</sup> of LOAD :	- kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	0.006 kg·m <sup>2</sup>

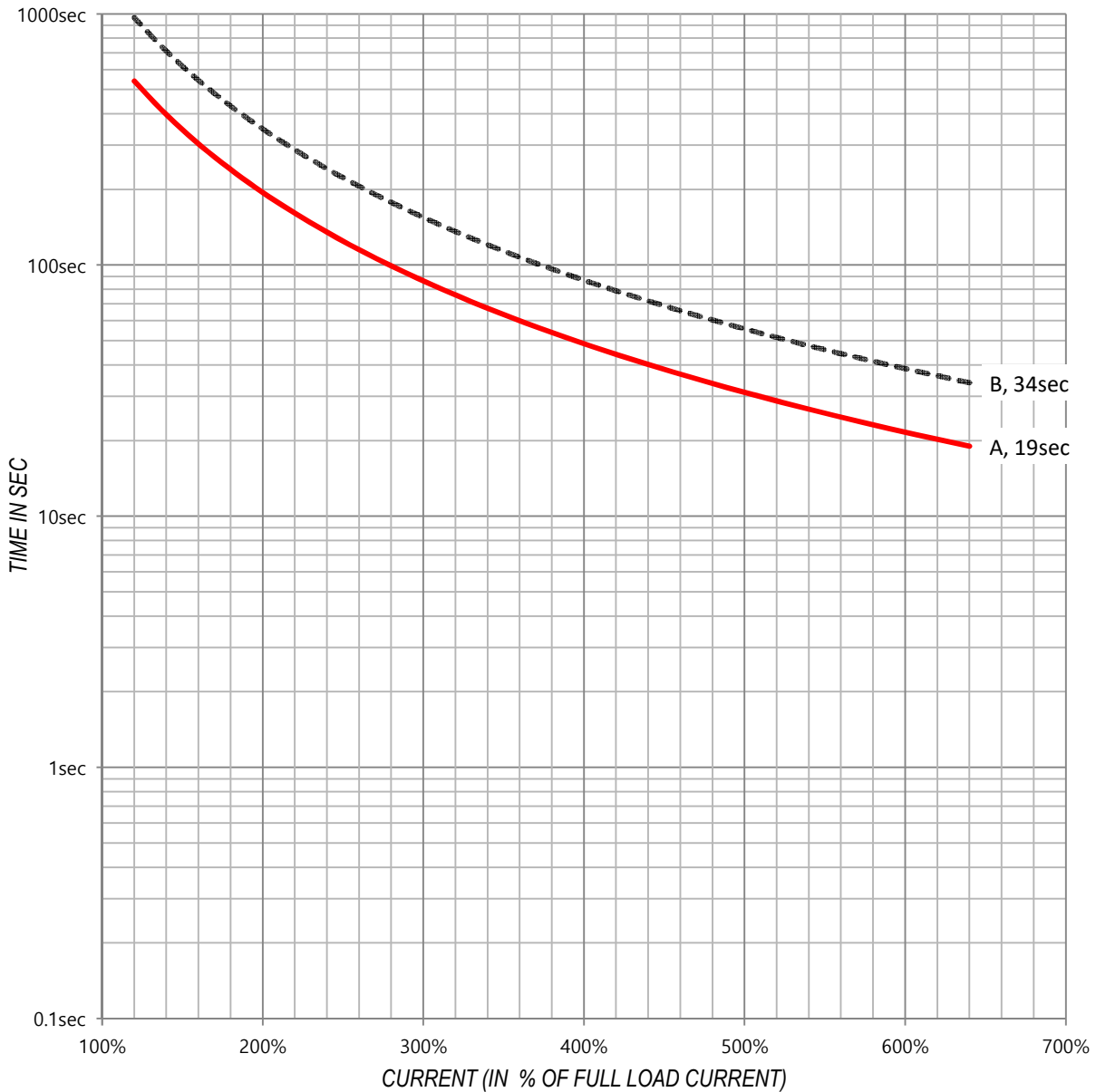


NOTE	
	A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE
	B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE
	C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE
	D : SPEED-CURRENT CURVE AT 100% RATED VOLTAGE
	E : SPEED-CURRENT CURVE AT 90% RATED VOLTAGE
	F : SPEED-CURRENT CURVE AT 80% RATED VOLTAGE

**THERMAL LIMIT & TIME - CURRENT CURVE**

Curve No.	
1TL_DSML20696H	

OUTPUT	0.75 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.2 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	220 %	LOCKED-ROTOR CURRENT	640 %
BREAKDOWN TORQUE	270 %	SPEED (at FULL LOAD)	3395 r/min
GD <sup>2</sup> of LOAD :	- kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	0.006 kg·m <sup>2</sup>



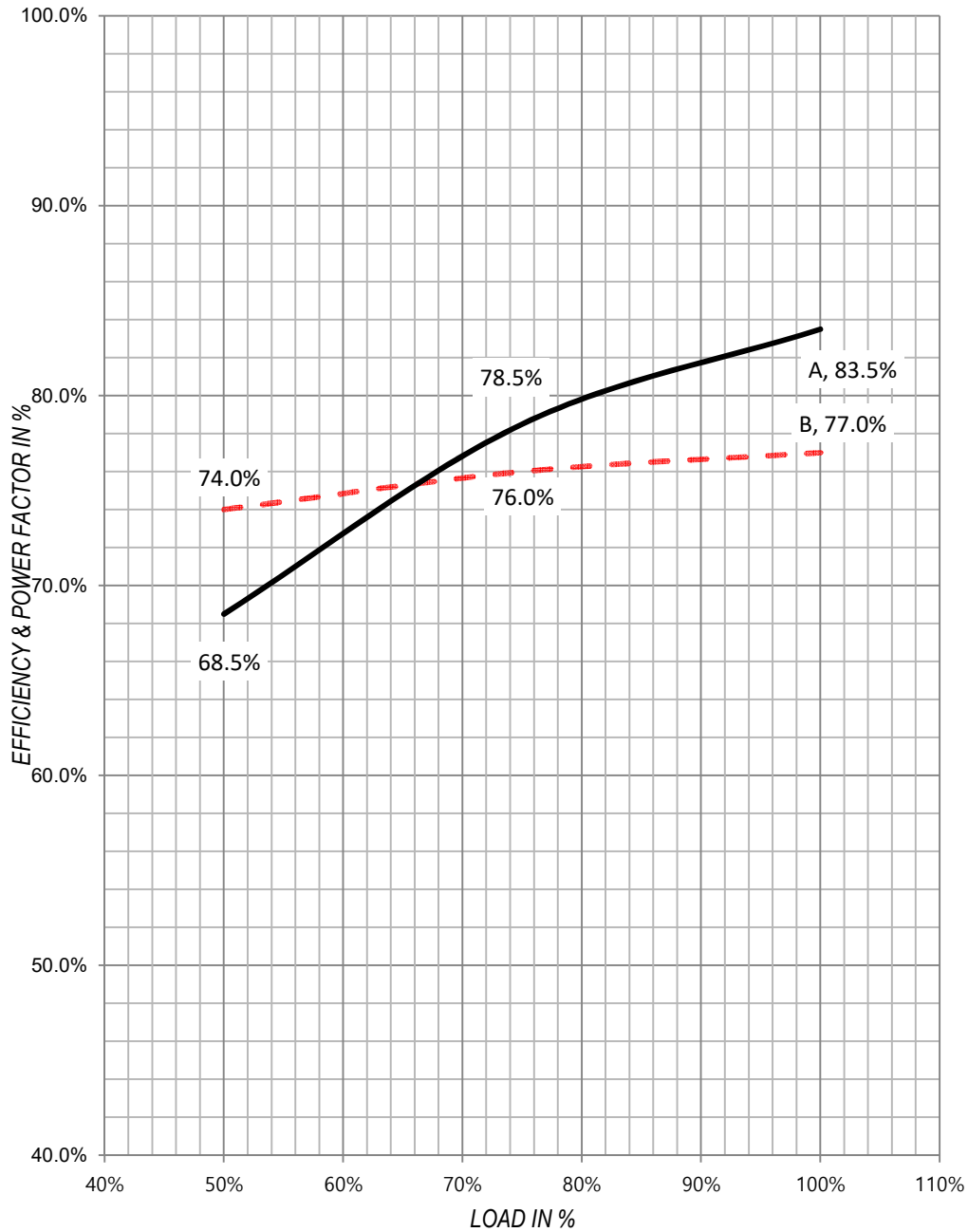
**NOTE**

- 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**

<b>Curve No.</b>
1PE_DSML20696H

OUTPUT	0.75 kW	POLES	2 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	0.2 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	220 %	LOCKED-ROTOR CURRENT	640 %
BREAKDOWN TORQUE	270 %	SPEED (at FULL LOAD)	3395 r/min
GD <sup>2</sup> of LOAD :	- kg·m <sup>2</sup>	GD <sup>2</sup> of MOTOR	0.006 kg·m <sup>2</sup>



**NOTE**

— A : LOAD - POWER FACTOR CURVE

- - - B : LOAD - EFFICIENCY CURVE