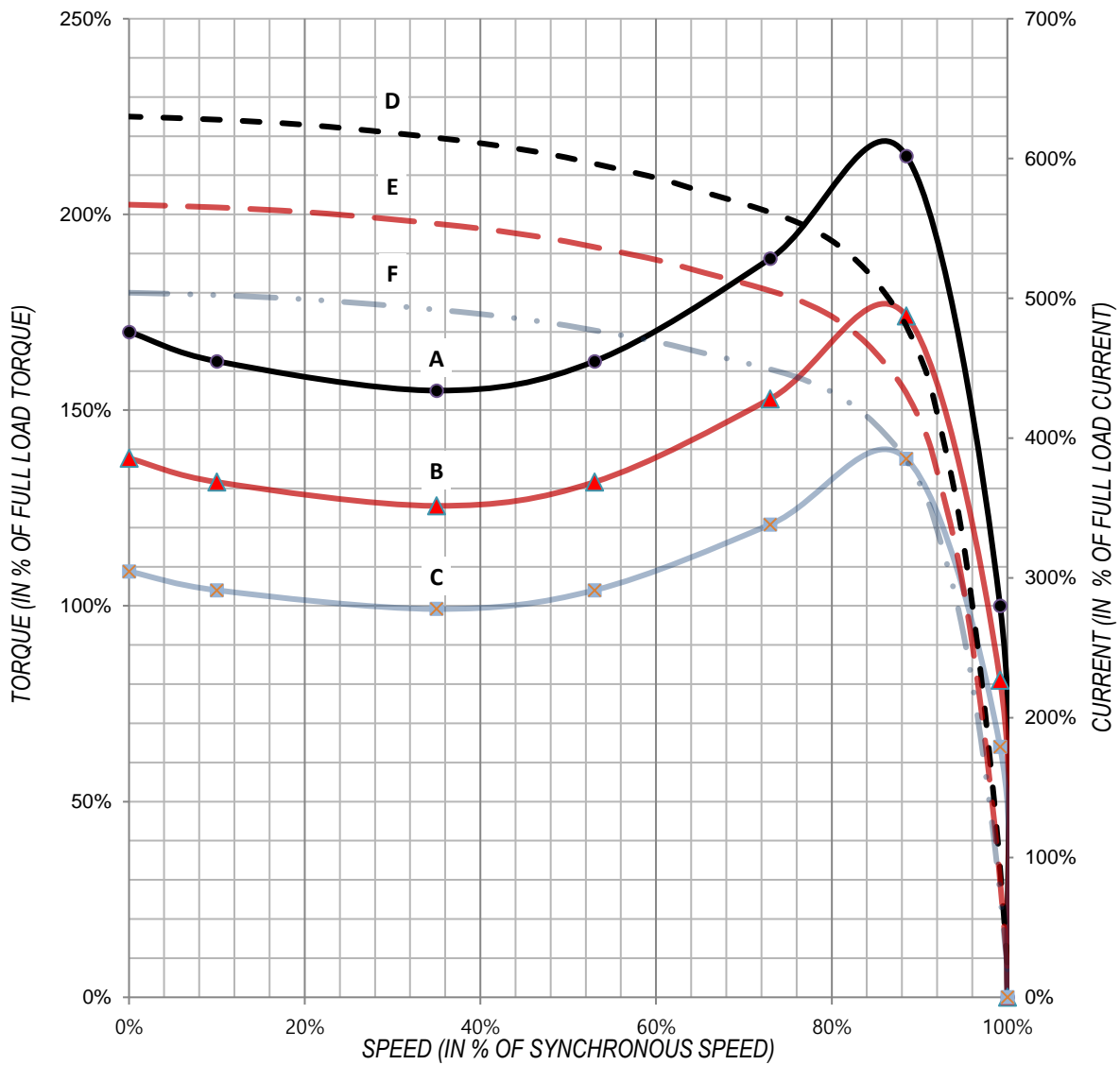


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML20425

OUTPUT	90 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	49.1 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	170 %	LOCKED-ROTOR CURRENT	630 %
BREAKDOWN TORQUE	220 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	5.533 kg·m ²

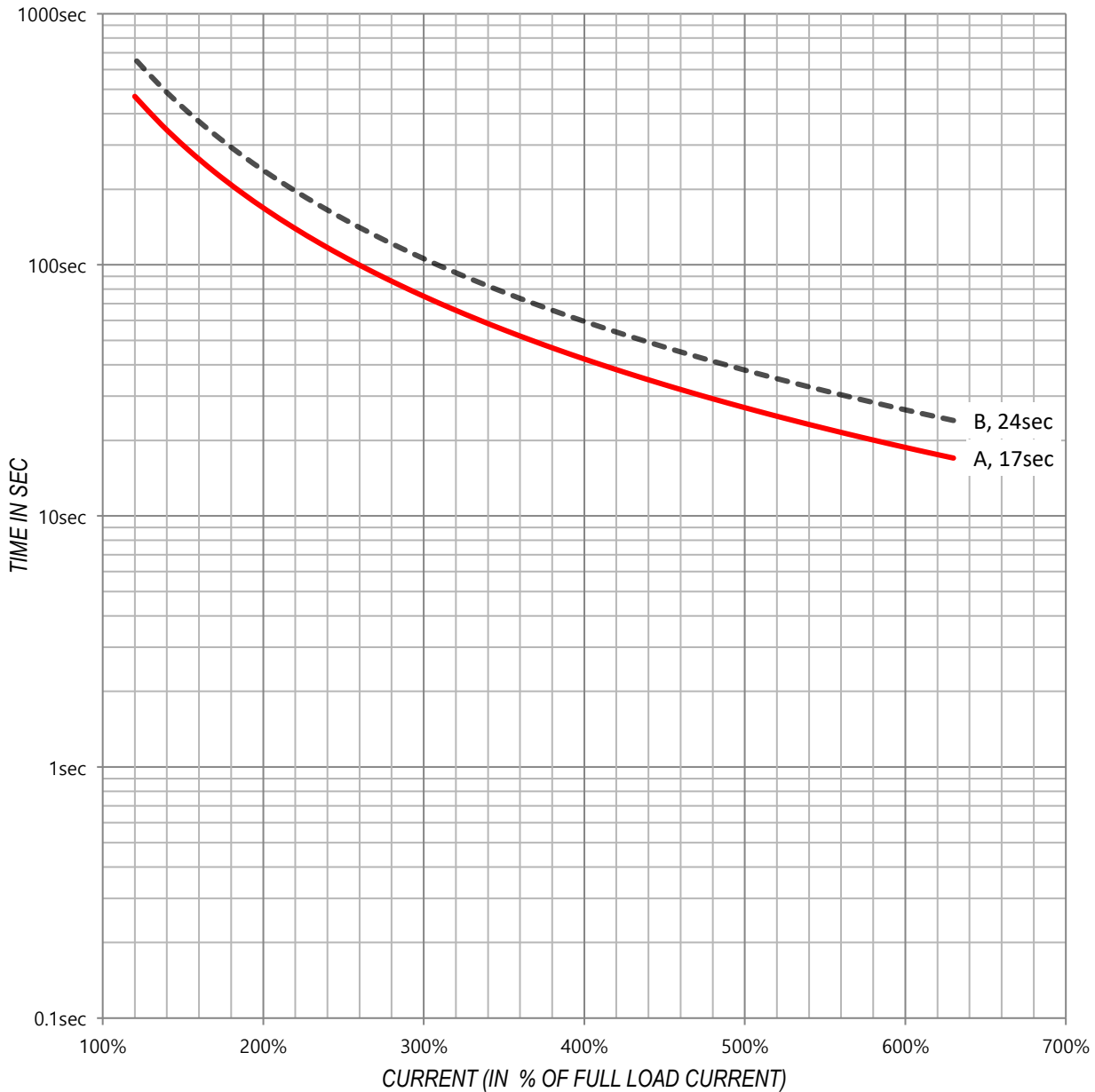


NOTE

- 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_D1ML20425	

OUTPUT	90	kW	POLES	4	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	49.1	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	170	%	LOCKED-ROTOR CURRENT	630	%
BREAKDOWN TORQUE	220	%	SPEED (at FULL LOAD)	1785	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	5.533	kg·m ²

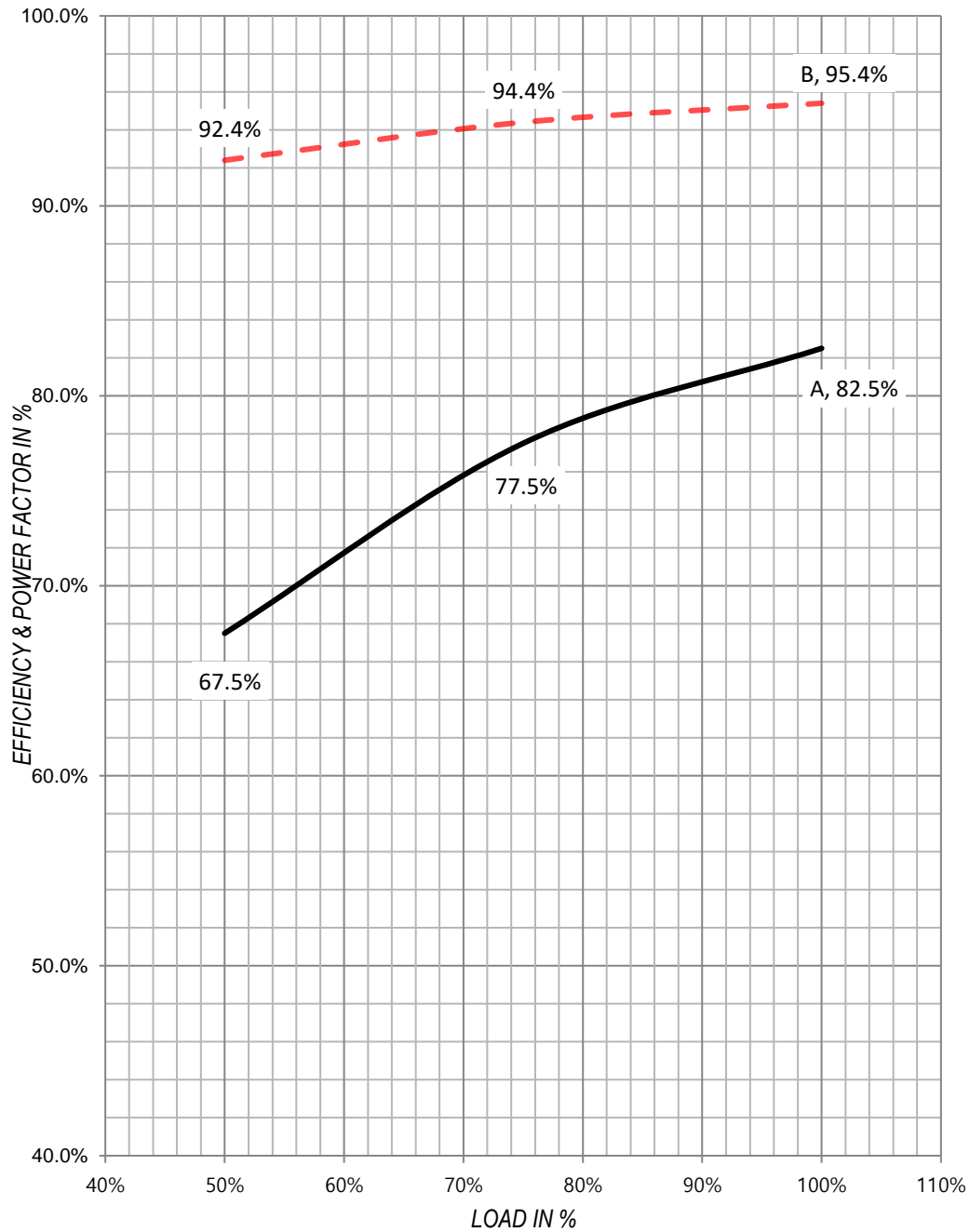


NOTE

- 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_D1ML20425	

OUTPUT	90 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	49.1 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	170 %	LOCKED-ROTOR CURRENT	630 %
BREAKDOWN TORQUE	220 %	SPEED (at FULL LOAD)	1785 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	5.533 kg·m ²



NOTE

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