

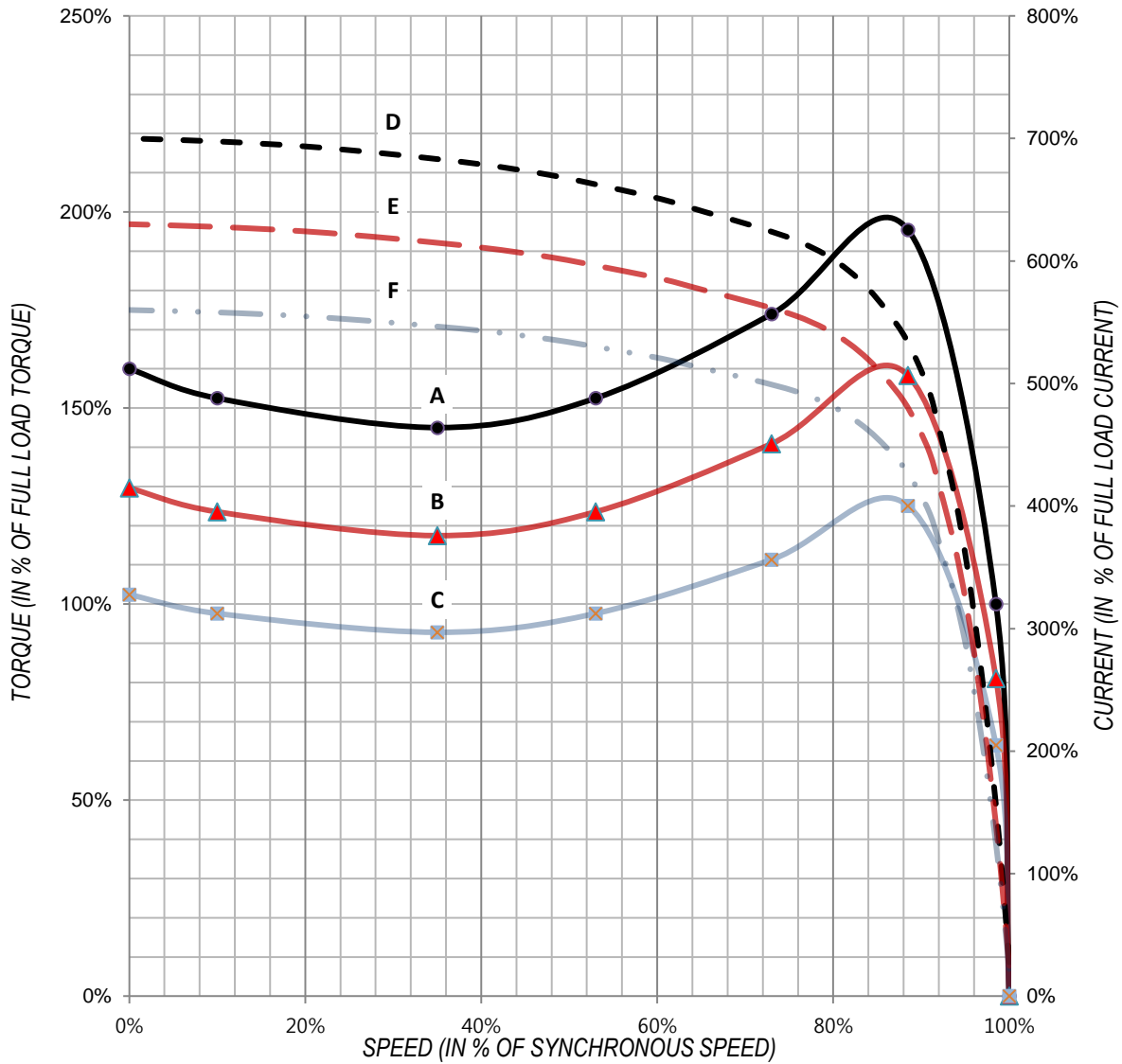


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML10122

OUTPUT	37	kW	POLES	6	P
VOLTAGE		V	FREQUENCY	50	Hz
FULL LOAD TORQUE	36.59	kg·m	FULL LOAD CURRENT		A
LOCKED ROTOR TORQUE	160	%	LOCKED-ROTOR CURRENT	700	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	985	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	9.439	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

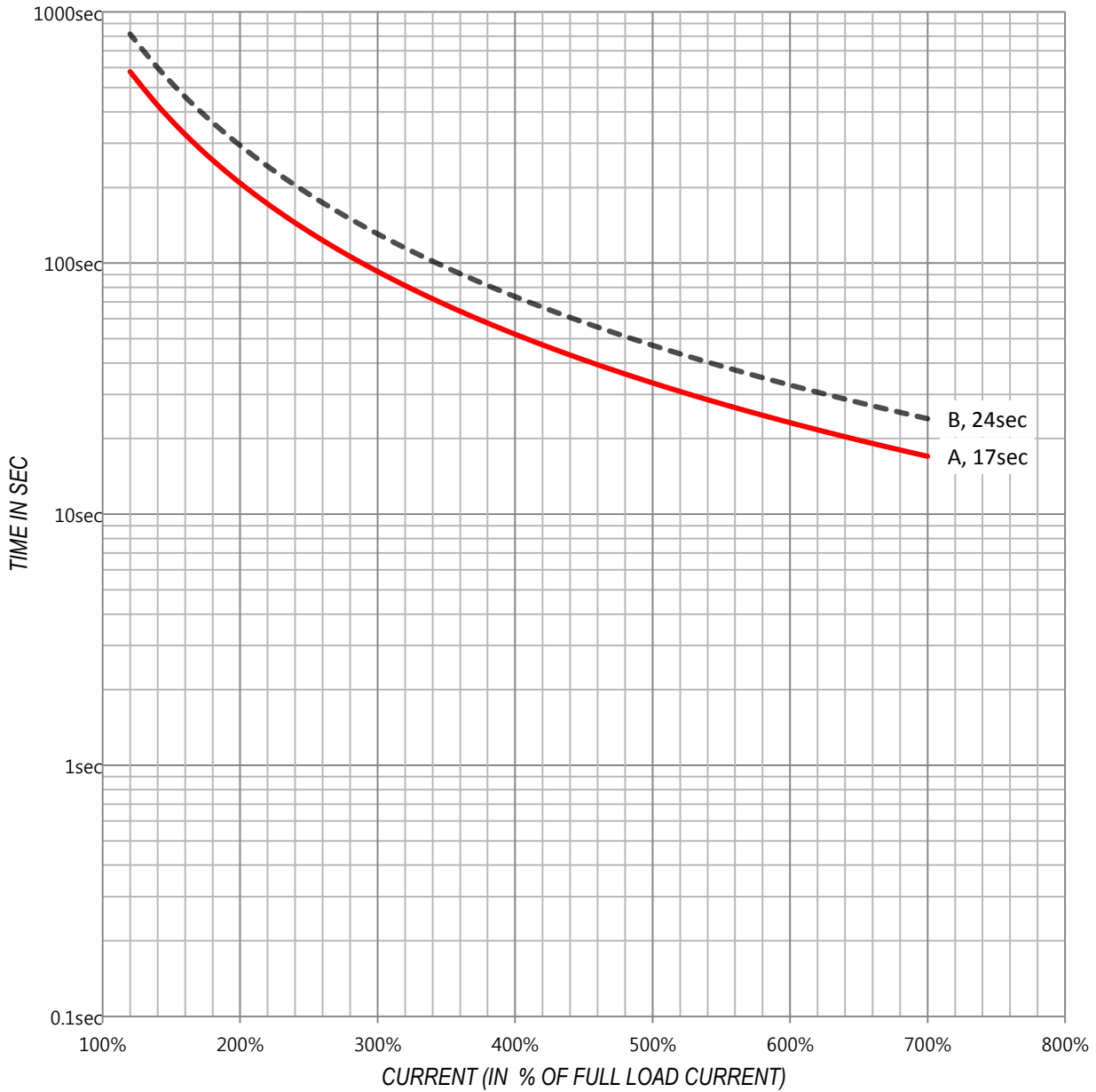


THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.

1TL_D1ML10122

OUTPUT	37 kW	POLES	6 P
VOLTAGE	V	FREQUENCY	50 Hz
FULL LOAD TORQUE	36.59 kg·m	FULL LOAD CURRENT	A
LOCKED ROTOR TORQUE	160 %	LOCKED-ROTOR CURRENT	700 %
BREAKDOWN TORQUE	200 %	SPEED (at FULL LOAD)	985 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	9.439 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

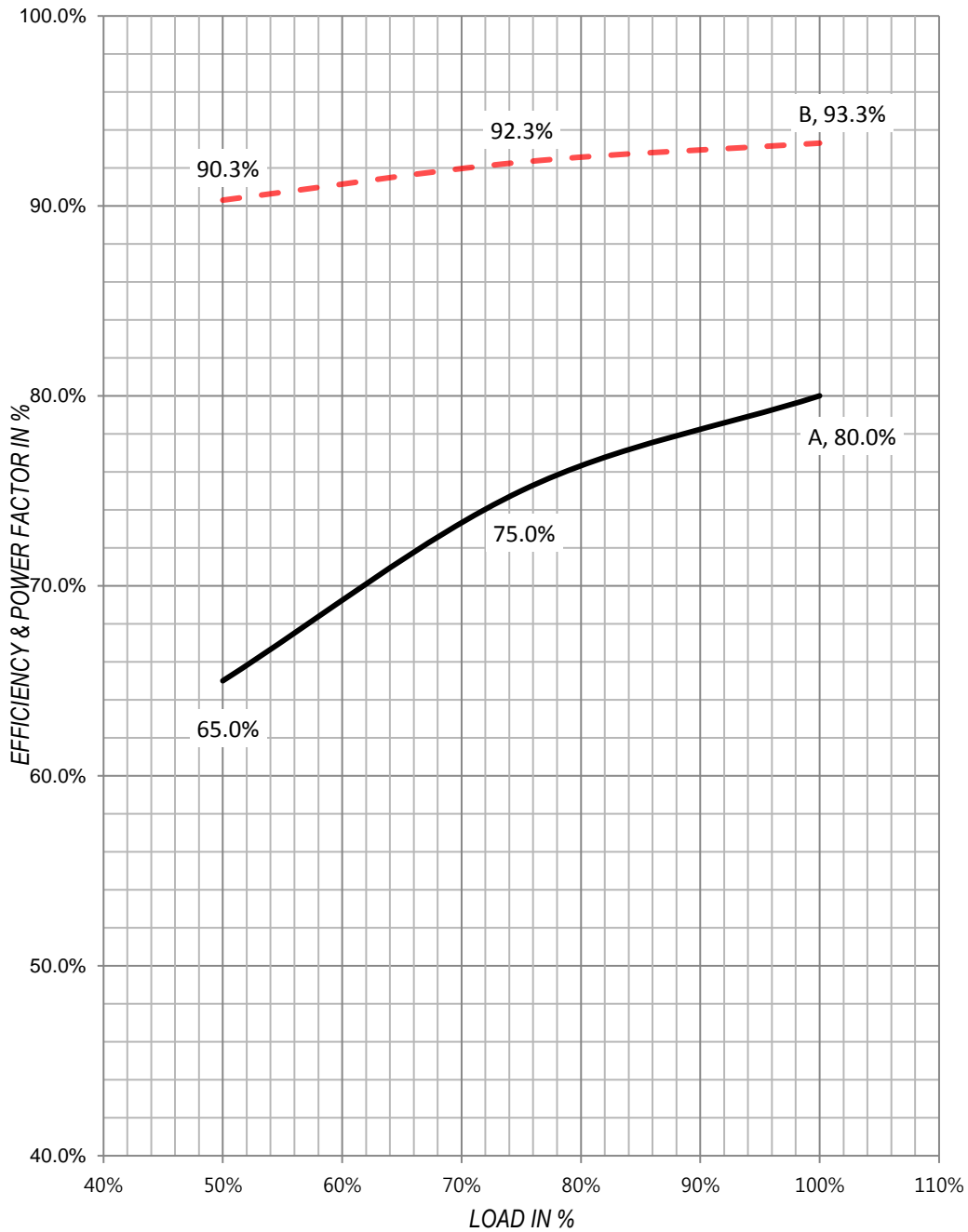


LOAD - POWER FACTOR & EFFICIENCY CURVE

Curve No.

1PE_D1ML10122

OUTPUT	37	kW	POLES	6	P
VOLTAGE		V	FREQUENCY	50	Hz
FULL LOAD TORQUE	36.59	kg·m	FULL LOAD CURRENT		A
LOCKED ROTOR TORQUE	160	%	LOCKED-ROTOR CURRENT	700	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	985	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	9.439	kg·m ²



NOTE

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