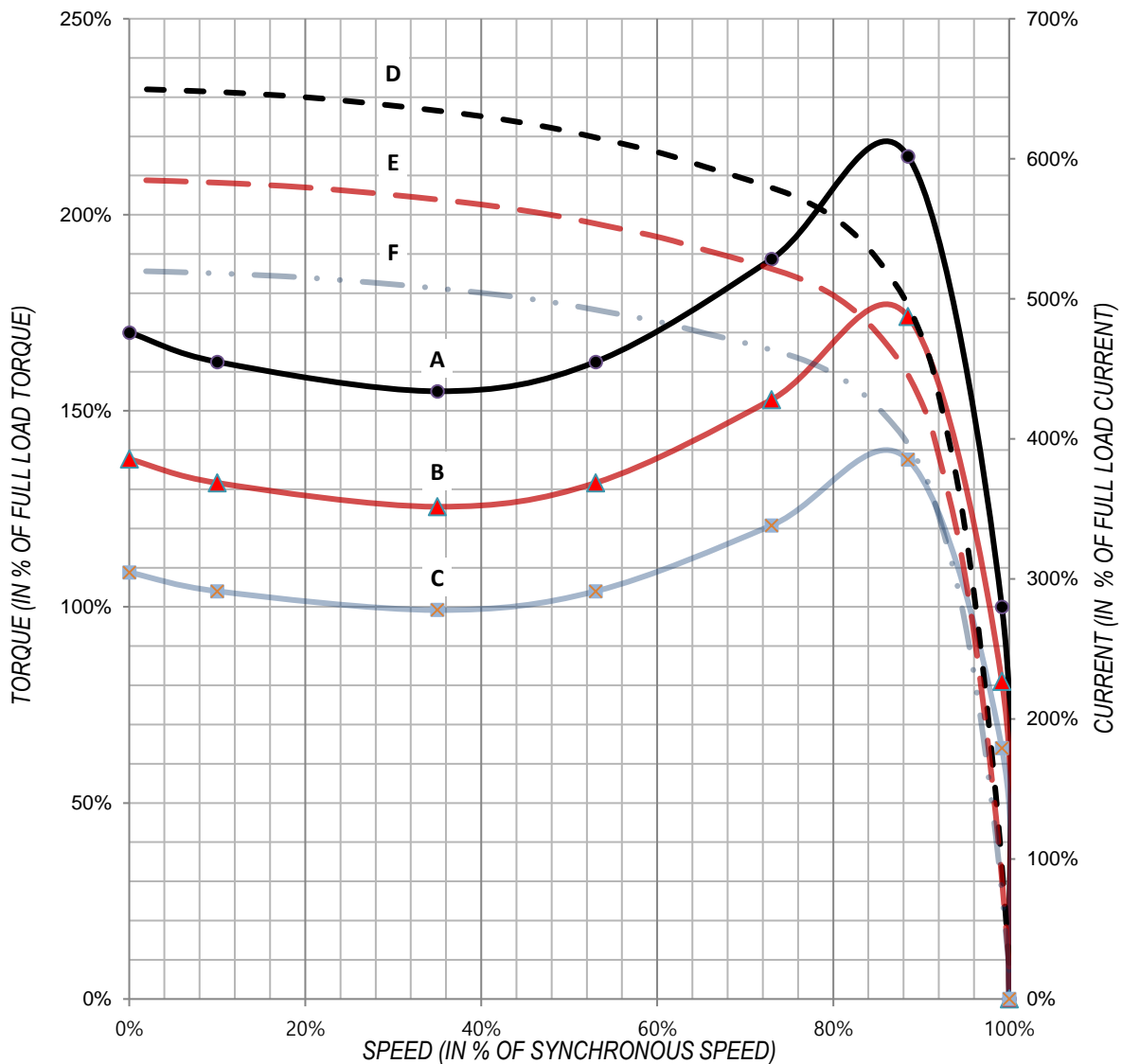


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML20860

| | | | |
|---------------------------|---------------------|--------------------------|-------------------------|
| OUTPUT | 55 kW | POLES | 4 P |
| VOLTAGE | - V | FREQUENCY | 60 Hz |
| FULL LOAD TORQUE | 30.0 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 | 3.266 kg·m ² |



NOTE

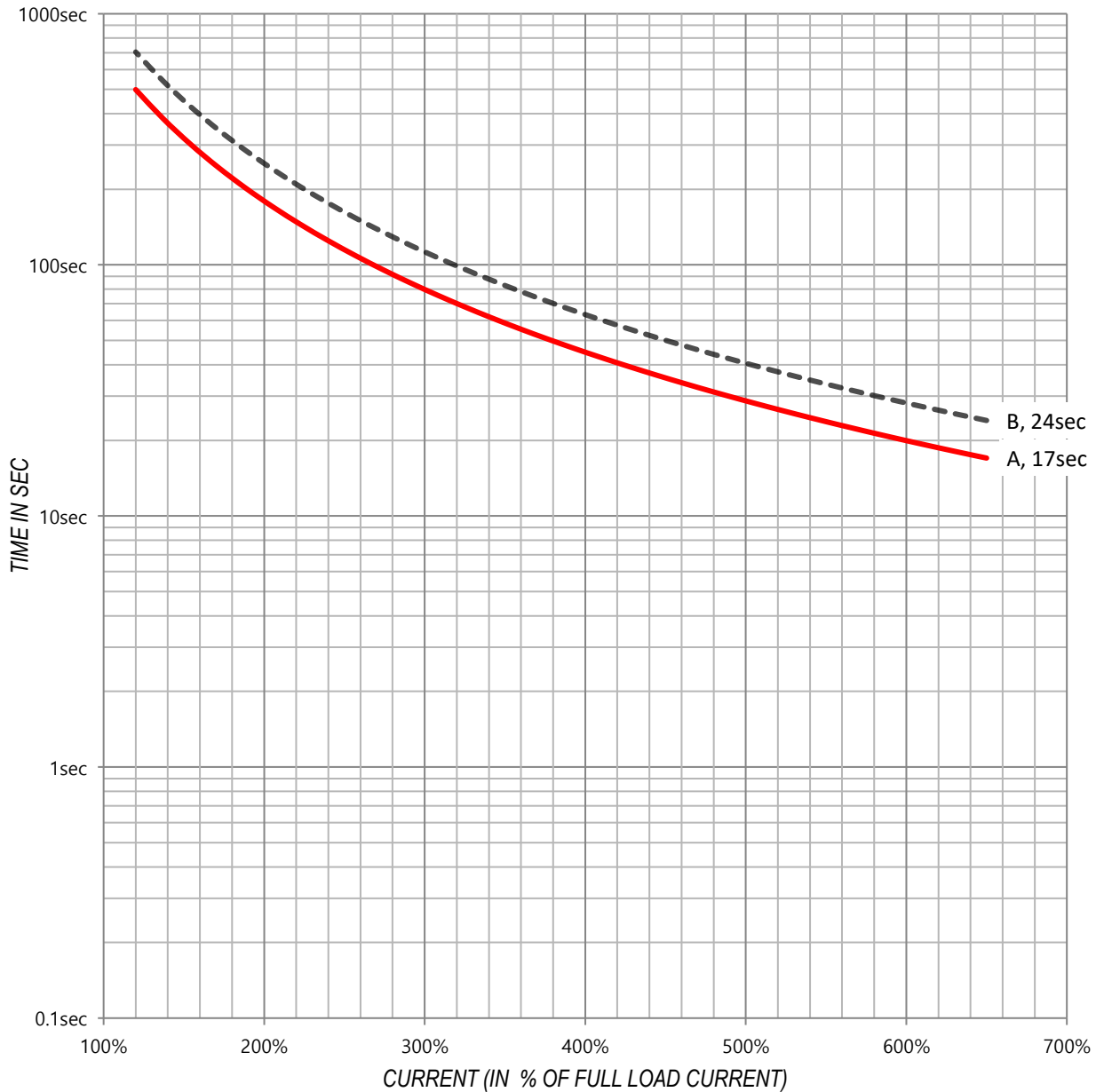
- A : SPEED-TORQUE CURVE AT 100% RATED VOLTAGE
- ▲— B : SPEED-TORQUE CURVE AT 90% RATED VOLTAGE
- C : SPEED-TORQUE CURVE AT 80% RATED VOLTAGE
- - - D : SPEED-CURRENT CURVE AT 100% RATED VOLTAGE
- - - E : SPEED-CURRENT CURVE AT 90% RATED VOLTAGE
- · · F : SPEED-CURRENT CURVE AT 80% RATED VOLTAGE

THERMAL LIMIT & TIME - CURRENT CURVE

Curve No.

1TL_D1ML20860

| | | | |
|---------------------------|---------------------|--------------------------|-------------------------|
| OUTPUT | 55 kW | POLES | 4 P |
| VOLTAGE | - V | FREQUENCY | 60 Hz |
| FULL LOAD TORQUE | 30.0 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 | 3.266 kg·m ² |

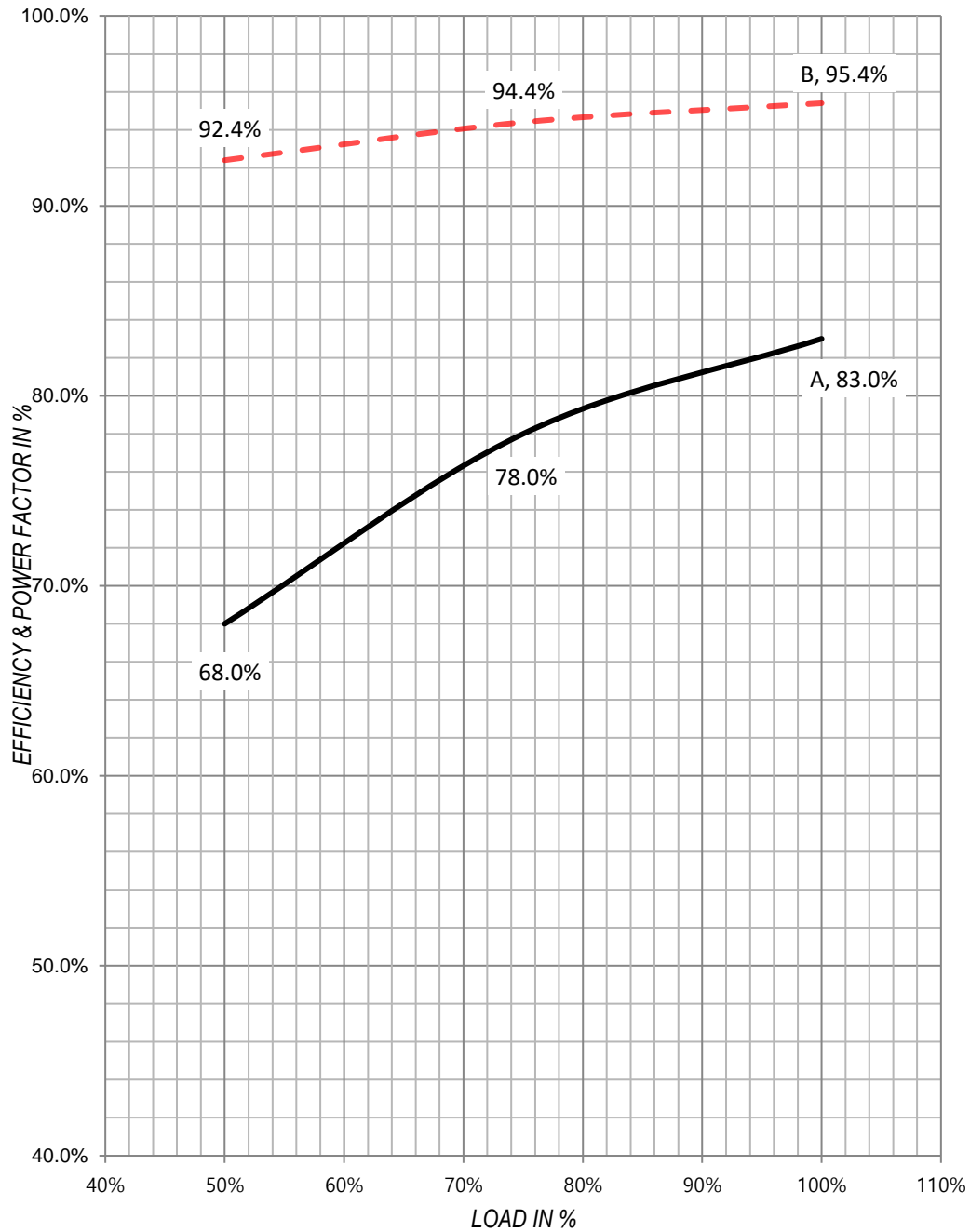


NOTE

- 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_D1ML20860 | |

| | | | |
|---------------------------|---------------------|--------------------------|-------------------------|
| OUTPUT | 55 kW | POLES | 4 P |
| VOLTAGE | - V | FREQUENCY | 60 Hz |
| FULL LOAD TORQUE | 30.0 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 | 3.266 kg·m ² |



NOTE

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