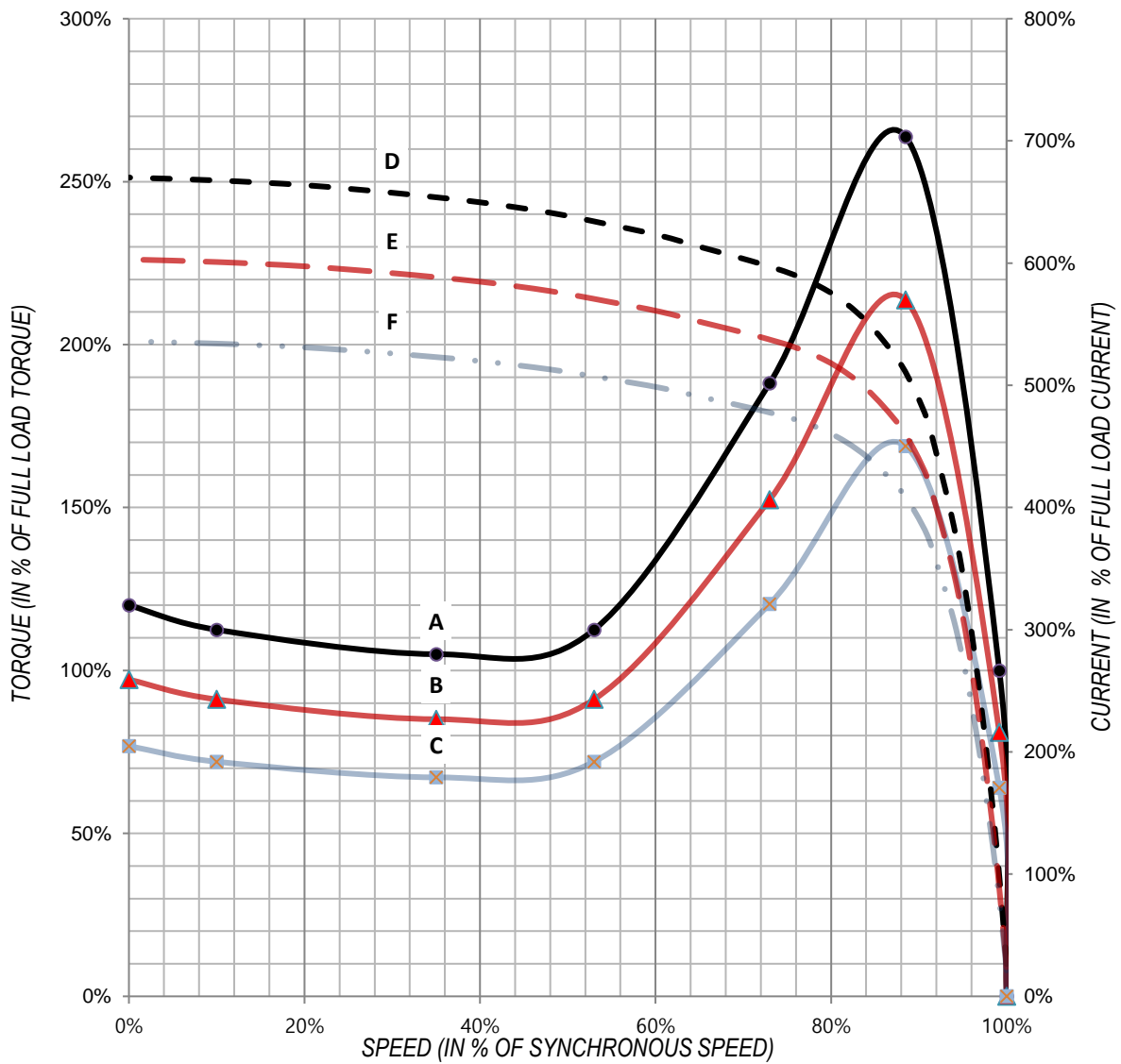


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML20602

| | | | |
|---------------------------|---------------------|--------------------------|-------------------------|
| OUTPUT | 45 kW | POLES | 6 P |
| VOLTAGE | - V | FREQUENCY | 60 Hz |
| FULL LOAD TORQUE | 36.8 kg·m | FULL LOAD CURRENT | - A |
| LOCKED ROTOR TORQUE | 120 % | LOCKED-ROTOR CURRENT | 670 % |
| BREAKDOWN TORQUE | 270 % | SPEED (at FULL LOAD) | 1190 r/min |
| GD ² of LOAD : | - kg·m ² | GD ² of MOTOR | 4.492 kg·m ² |

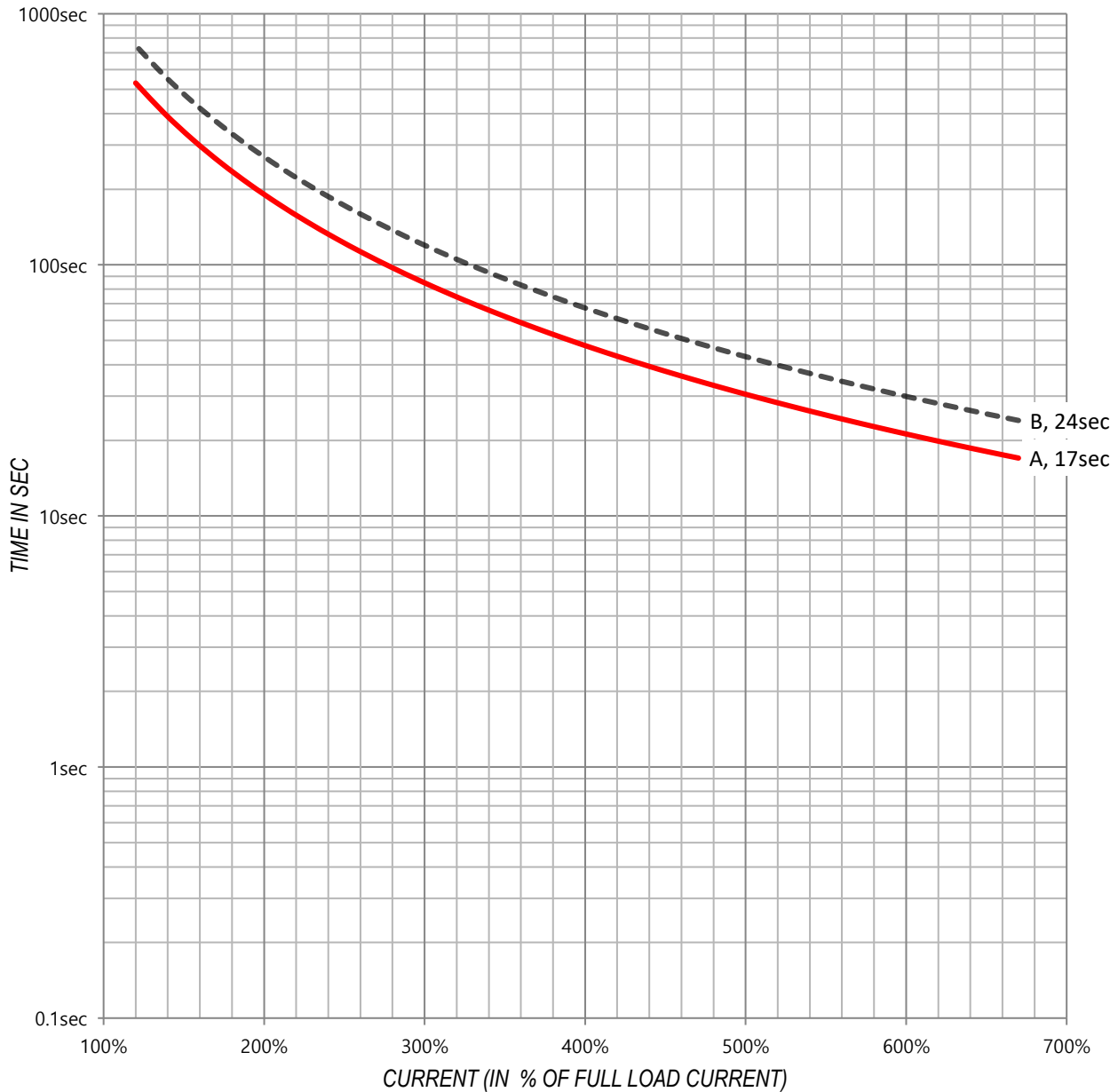


NOTE

- 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_D1ML20602 | |

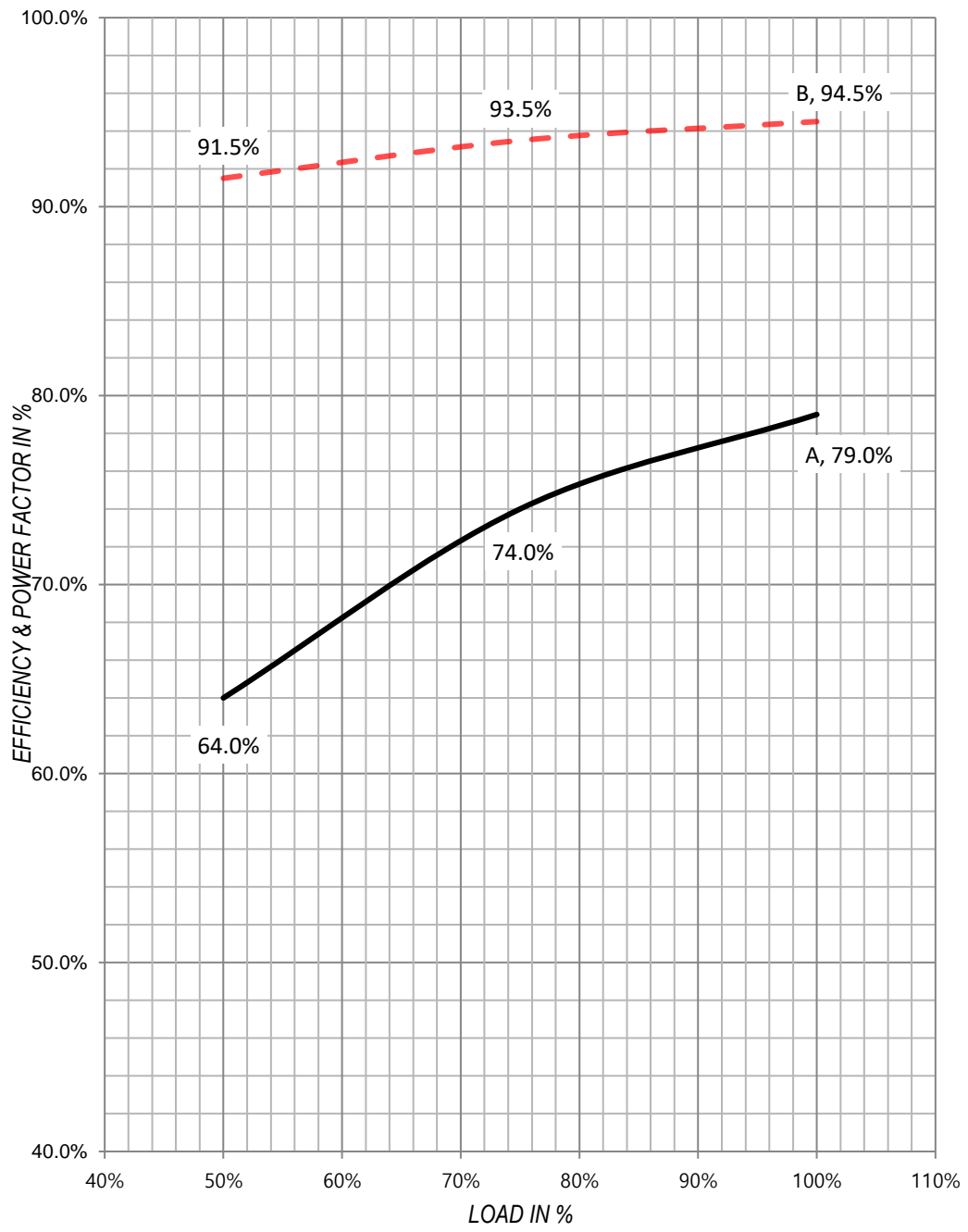
| | | | |
|---------------------------|---------------------|--------------------------|-------------------------|
| OUTPUT | 45 kW | POLES | 6 P |
| VOLTAGE | - V | FREQUENCY | 60 Hz |
| FULL LOAD TORQUE | 36.8 kg·m | FULL LOAD CURRENT | - A |
| LOCKED ROTOR TORQUE | 120 % | LOCKED-ROTOR CURRENT | 670 % |
| BREAKDOWN TORQUE | 270 % | SPEED (at FULL LOAD) | 1190 r/min |
| GD ² of LOAD : | - kg·m ² | GD ² of MOTOR | 4.492 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_D1ML20602 | |
| OUTPUT | 45 kW | POLES | 6 P | |
| VOLTAGE | - V | FREQUENCY | 60 Hz | |
| FULL LOAD TORQUE | 36.8 kg·m | FULL LOAD CURRENT | - A | |
| LOCKED ROTOR TORQUE | 120 % | LOCKED-ROTOR CURRENT | 670 % | |
| BREAKDOWN TORQUE | 270 % | SPEED (at FULL LOAD) | 1190 r/min | |
| GD ² of LOAD : | - kg·m ² | GD ² of MOTOR | 4.492 kg·m ² | |



NOTE

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