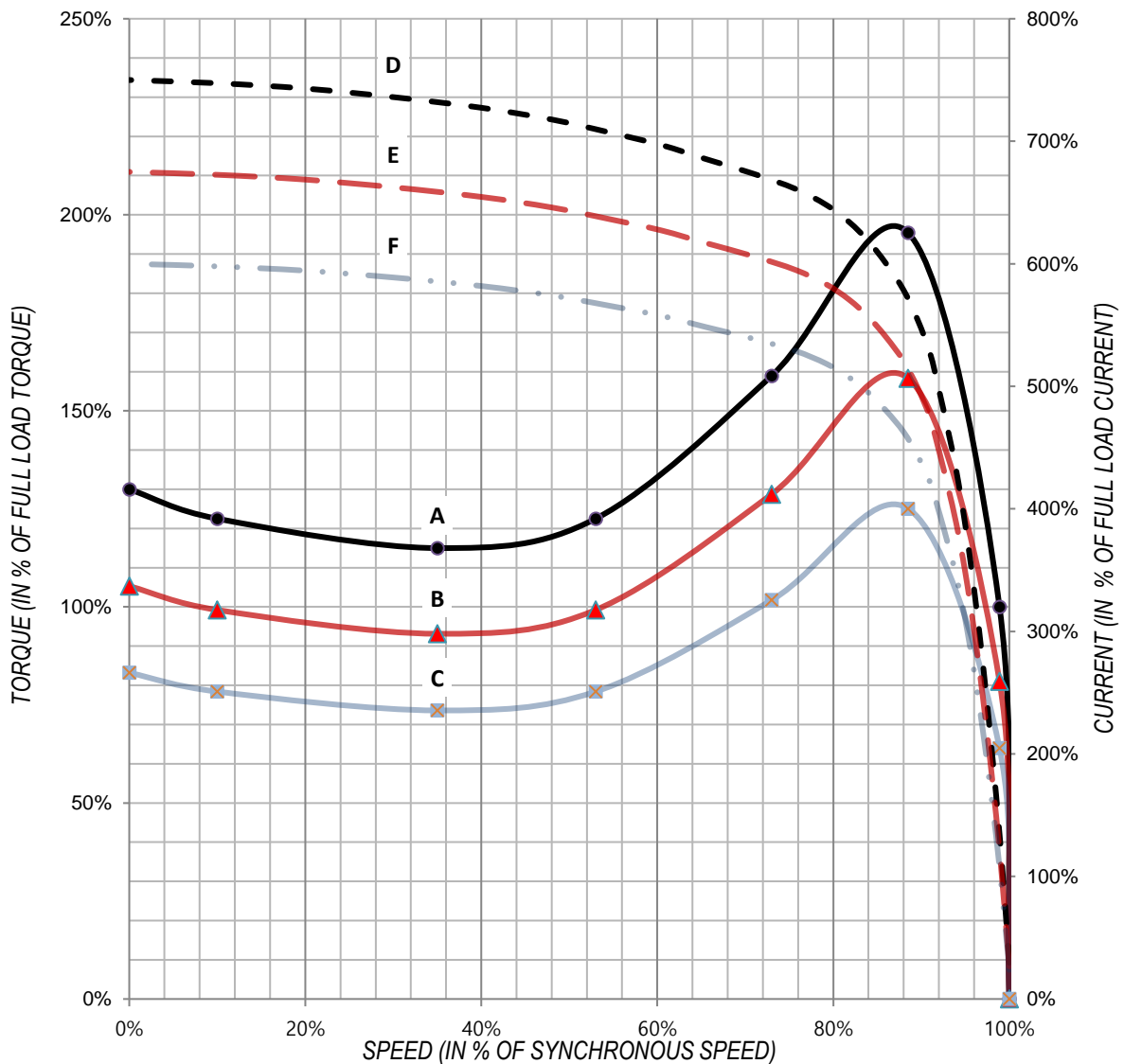


SPEED - TORQUE & CURRENT CURVE

Curve No.

1ST_D1ML4276

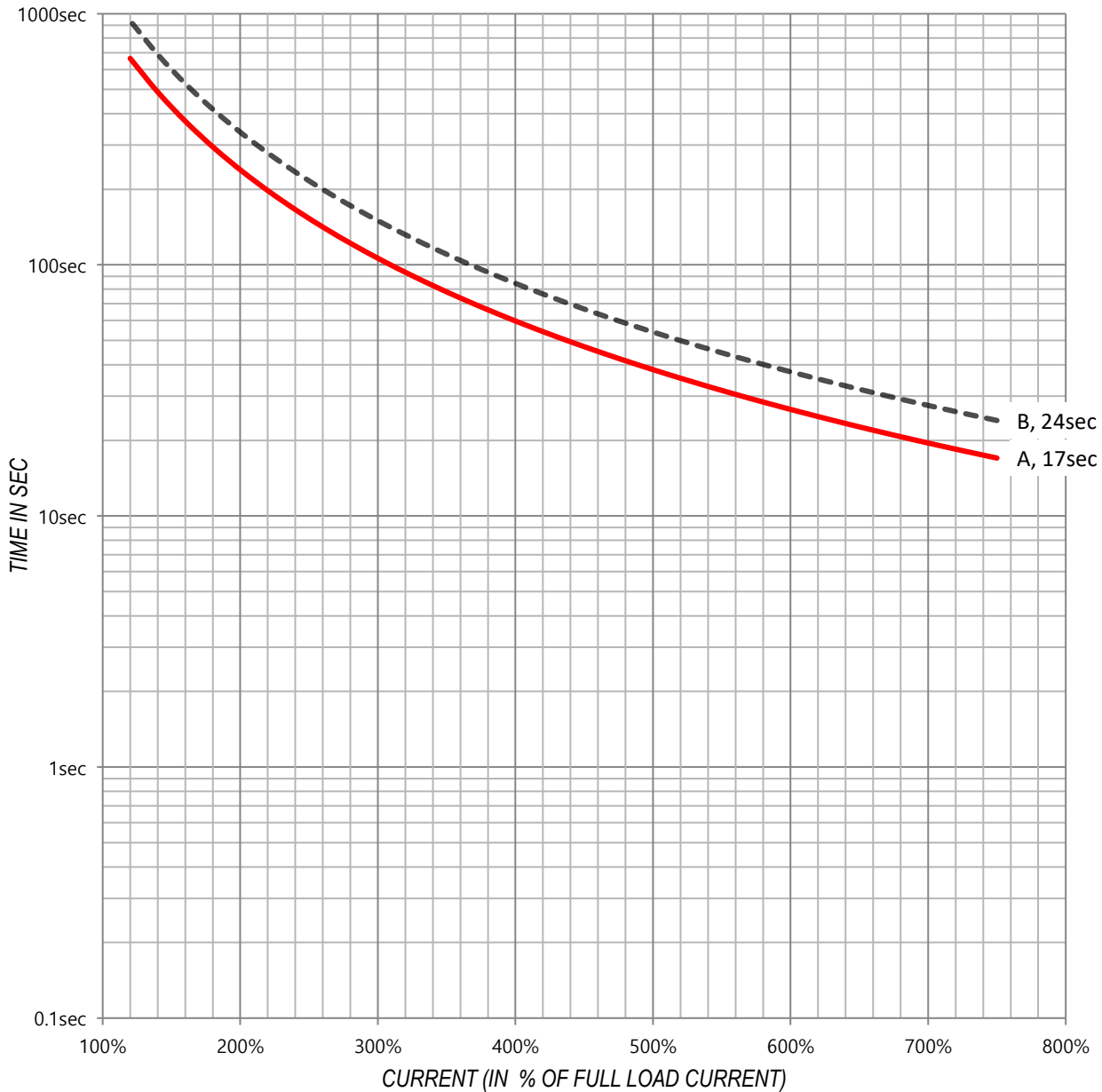
OUTPUT	260 kW	POLES	4 P
VOLTAGE	- V	FREQUENCY	60 Hz
FULL LOAD TORQUE	142.3 kg·m	FULL LOAD CURRENT	- A
LOCKED ROTOR TORQUE	130 %	LOCKED-ROTOR CURRENT	750 %
BREAKDOWN TORQUE	200 %	SPEED (at FULL LOAD)	1780 r/min
GD ² of LOAD :	- kg·m ²	GD ² of MOTOR	28.777 kg·m ²



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

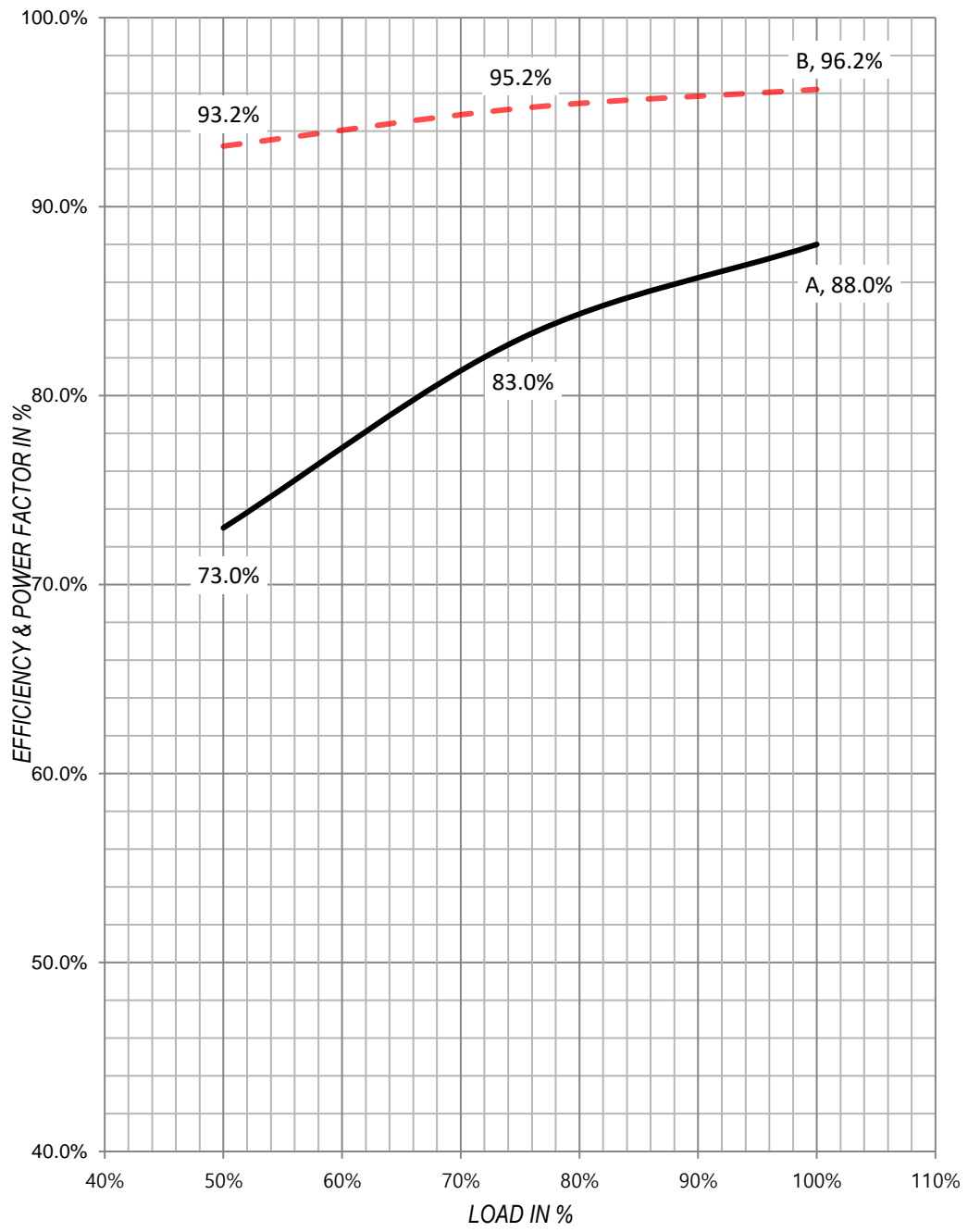
HYOSUNG HEAVY INDUSTRIES	THERMAL LIMIT & TIME - CURRENT CURVE			Curve No.	
				1TL_D1ML4276	
OUTPUT	260	kW	POLES	4	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	142.3	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	130	%	LOCKED-ROTOR CURRENT	750	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	1780	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	28.777	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

HYOSUNG HEAVY INDUSTRIES	LOAD - POWER FACTOR & EFFICIENCY CURVE			Curve No.	
				1PE_D1ML4276	
OUTPUT	260	kW	POLES	4	P
VOLTAGE	-	V	FREQUENCY	60	Hz
FULL LOAD TORQUE	142.3	kg·m	FULL LOAD CURRENT	-	A
LOCKED ROTOR TORQUE	130	%	LOCKED-ROTOR CURRENT	750	%
BREAKDOWN TORQUE	200	%	SPEED (at FULL LOAD)	1780	r/min
GD ² of LOAD :	-	kg·m ²	GD ² of MOTOR	28.777	kg·m ²



NOTE

— A : LOAD - POWER FACTOR CURVE

- - - B : LOAD - EFFICIENCY CURVE