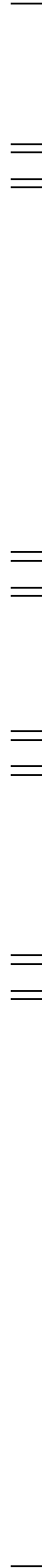


*ELK Motor has right to change all the data without prior notice.





ELK MOTOR SAN. ve TİC. A.Ş.
www.elkmotor.com.tr
+90 (282) 726 92 94

TECHNICAL DATASHEET ACCORDING TO
COMMISSION REGULATION (EU) 2019/1781
THREE PHASE INDUCTION MOTOR - SQUIRREL CAGE

Type : 3EL180L6E-PD-BA-000

Date : 04/11/2025

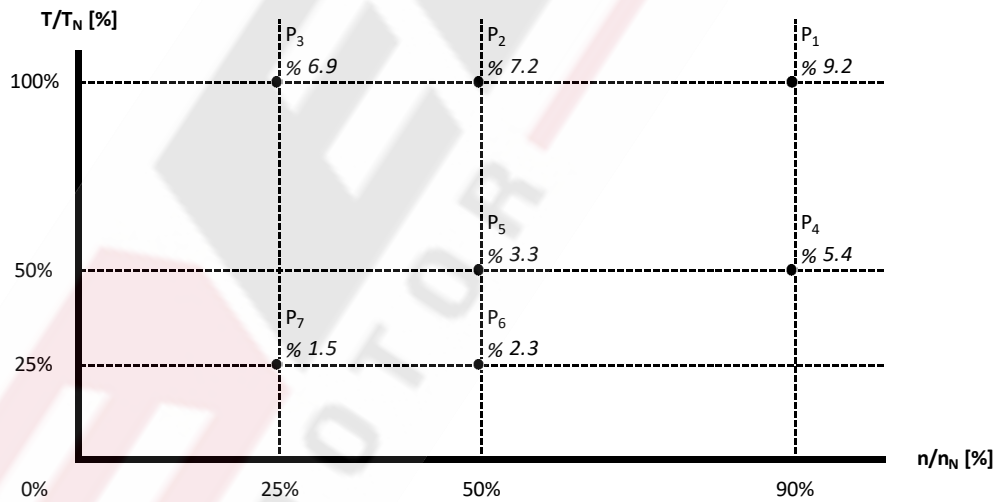
NAMEPLATE DATA

Power [kW]	: 15.0	Nominal Speed [rpm]	: 975
Nominal Voltage [V]	: 400	Nominal Current [A]	: 30.8
Connection Type [Δ / Y]	: Δ	Nominal Moment [Nm]	: 147
Nominal Frequency [Hz]	: 50	Nominal Efficiency [η %]	: 91.2

THE POWER LOSSES AT SEVEN OPERATING POINTS ACCORDING TO COMMISSION REGULATION (EU) 2019/1781

Operating Point Number	Speed n/n_N [%]	Torque T/T_N [%]	Relative Power Losses P_L/P_N [%]	Efficiency η [%]
P ₁	90	100	9.2	90.8
P ₂	50	100	7.2	87.5
P ₃	25	100	6.9	78.5
P ₄	90	50	5.4	89.3
P ₅	50	50	3.3	88.3
P ₆	50	25	2.3	84.2
P ₇	25	25	1.5	80.8

MAP OF RELATIVE POWER LOSSES P_L/P_N [%]



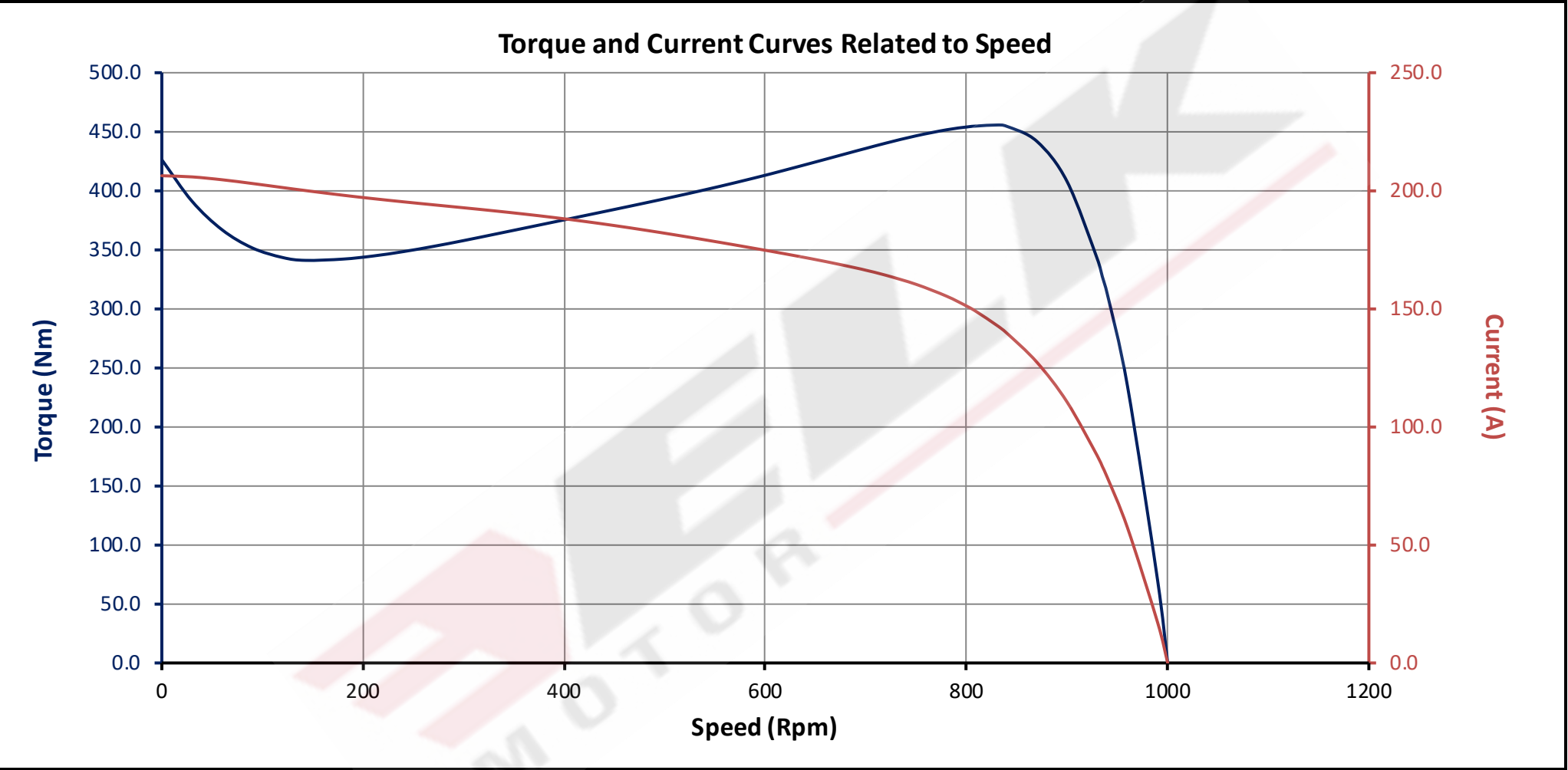
Manufactured and tested in accordance with IEC 60034

FR.AG.010 REV.NO: 04 REV.DATE: 01.01.2023

*Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

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Motor Code : 3EL180L6E-PD-BA-000



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Performance Curves Related to Rated Output

