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

Type : 3EL160M2B-PD-BA-000

Date : 12/08/2025

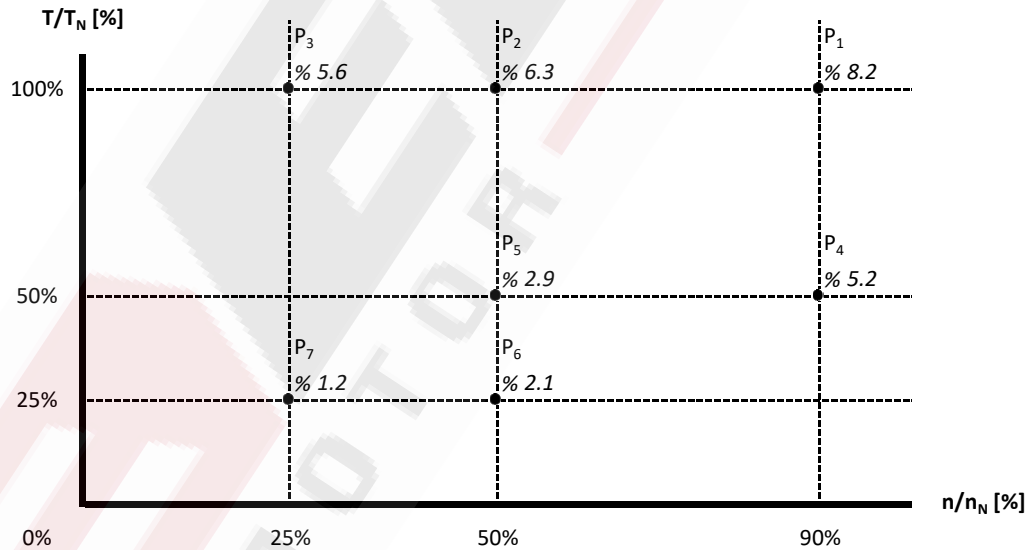
NAMEPLATE DATA

Power [kW]	: 11.0	Nominal Speed [rpm]	: 2950
Nominal Voltage [V]	: 400	Nominal Current [A]	: 19.7
Connection Type [Δ / Y]	: Δ	Nominal Moment [Nm]	: 35.6
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	8.2	91.7
P ₂	50	100	6.3	88.9
P ₃	25	100	5.6	81.8
P ₄	90	50	5.2	89.6
P ₅	50	50	2.9	89.6
P ₆	50	25	2.1	85.4
P ₇	25	25	1.2	84.2

MAP OF RELATIVE POWER LOSSES P_L/P_N [%]



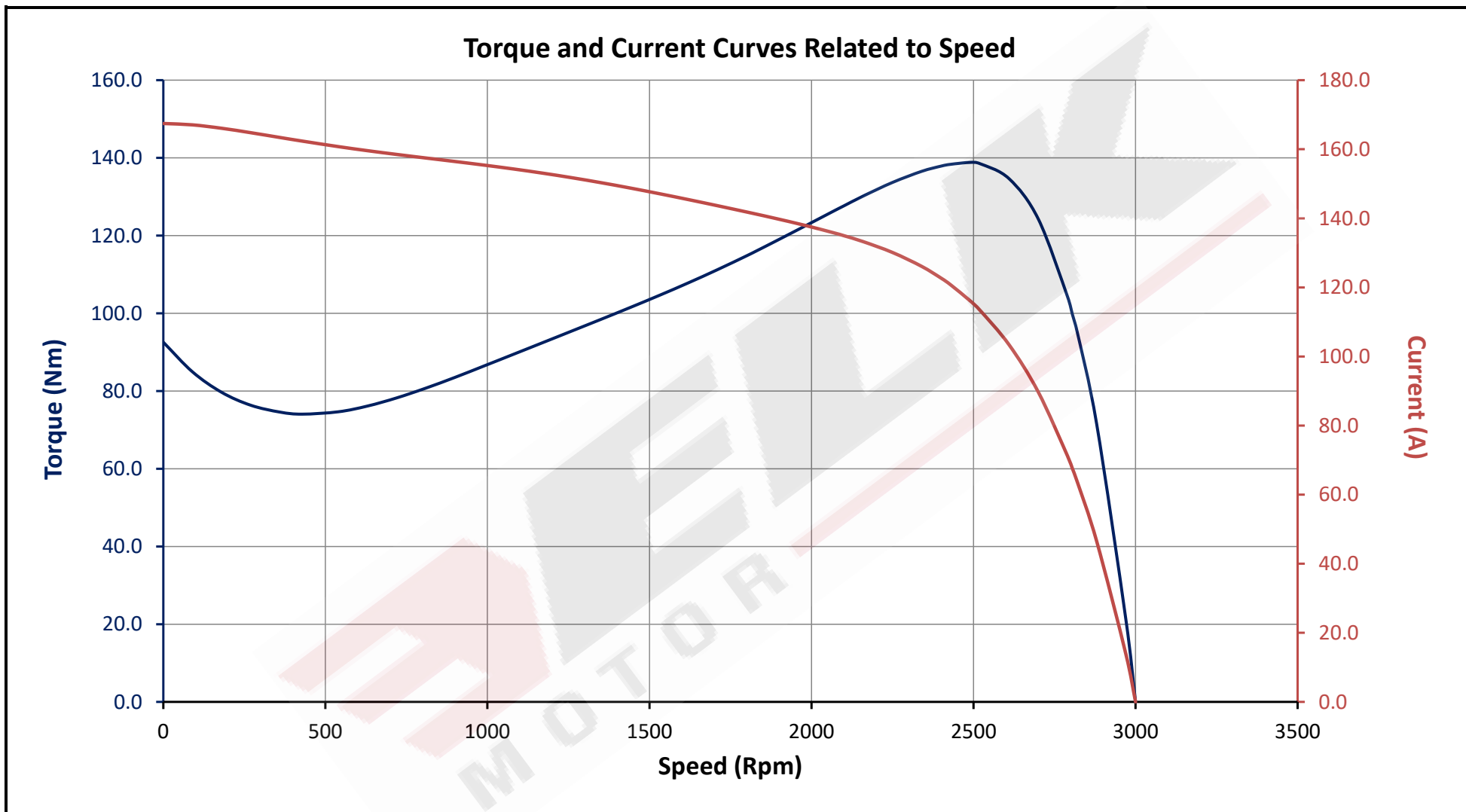
Manufactured and tested in accordance with IEC 60034

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.

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

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Performance Curves Related to Rated Output

