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

Type : 3EL200L2B-PD-BA-000

Date : 12/08/2025

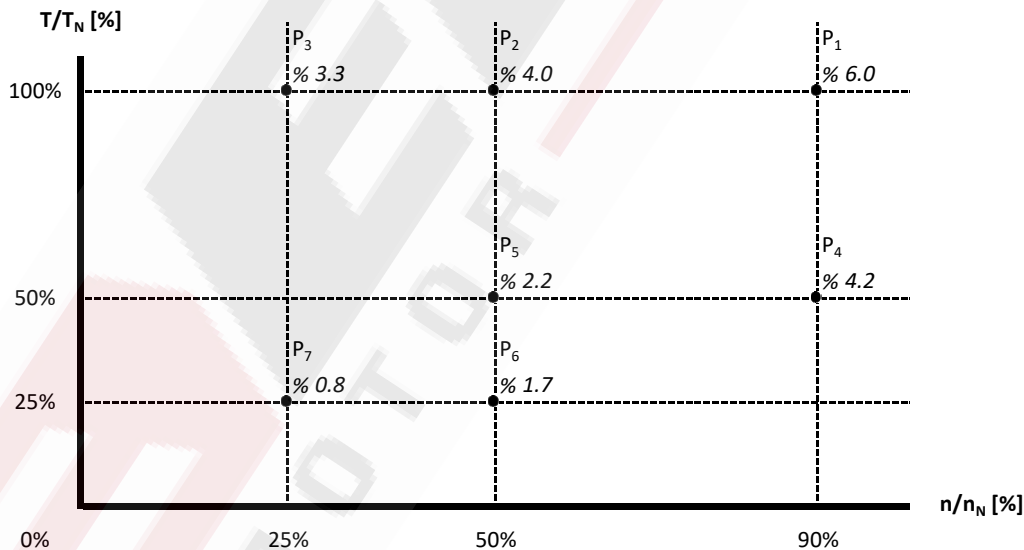
NAMEPLATE DATA

Power [kW]	: 30.0	Nominal Speed [rpm]	: 2965
Nominal Voltage [V]	: 400	Nominal Current [A]	: 52.0
Connection Type [Δ / Y]	: Δ	Nominal Moment [Nm]	: 96.6
Nominal Frequency [Hz]	: 50	Nominal Efficiency [η %]	: 93.6

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	6.0	93.8
P ₂	50	100	4.0	92.5
P ₃	25	100	3.3	88.4
P ₄	90	50	4.2	91.5
P ₅	50	50	2.2	92.0
P ₆	50	25	1.7	88.1
P ₇	25	25	0.8	88.1

MAP OF RELATIVE POWER LOSSES P_L/P_N [%]



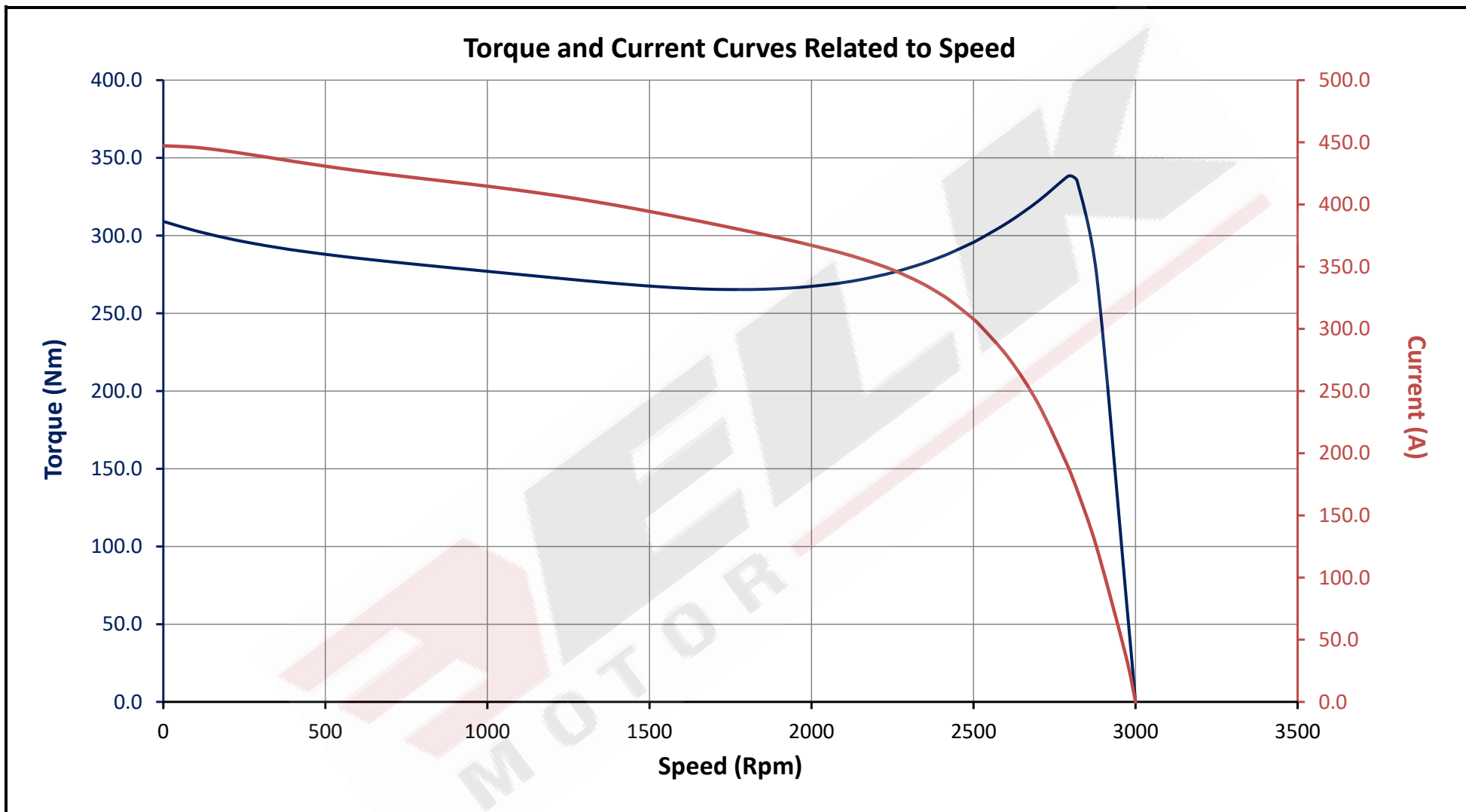
Manufactured and tested in accordance with IEC 60034

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

