



C.F.R. s.r.l.
MODENA - Italy

TECHNICAL DATASHEET
3 PHASE INDUCTION MOTOR

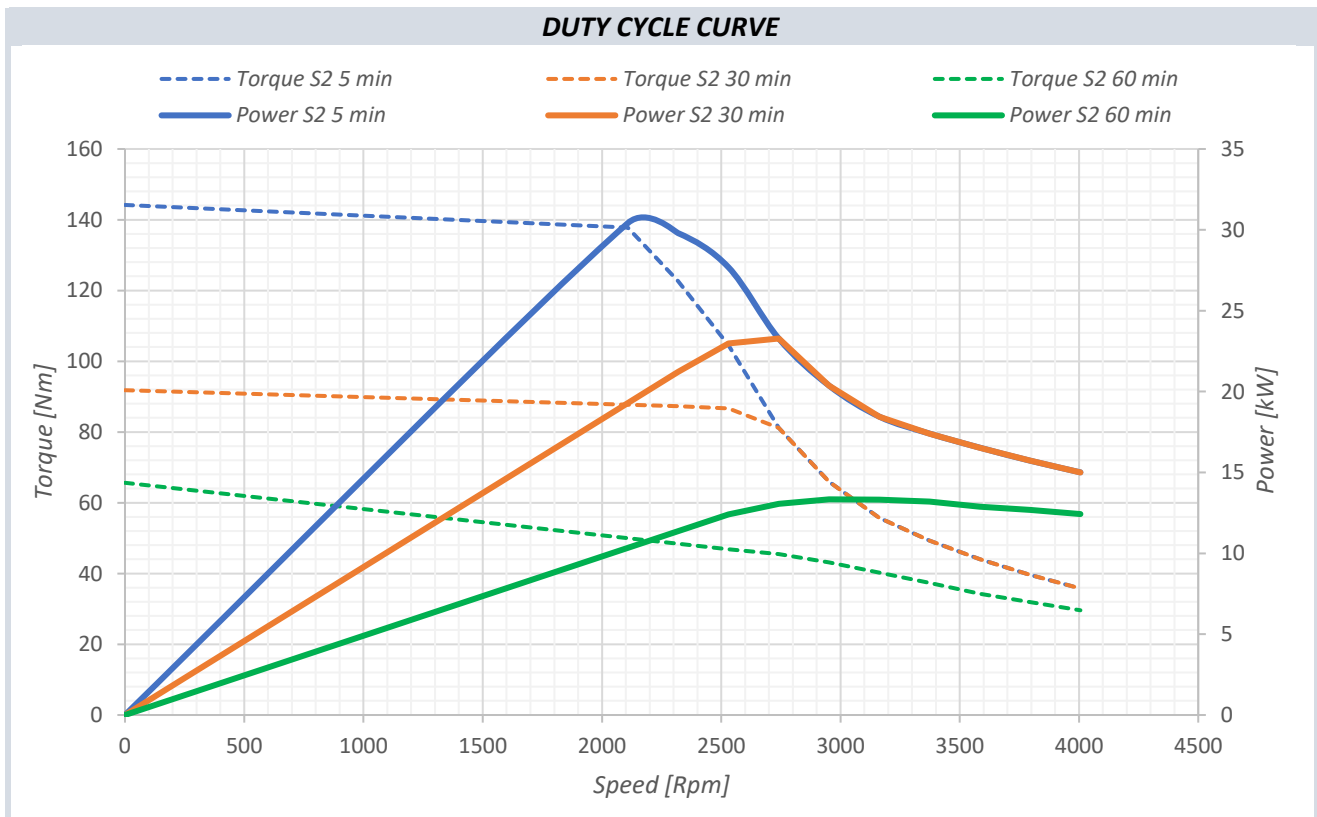
| | |
|-----------------|-------------|
| Stator Diameter | 200 |
| Stator Length | 230 |
| Rev. | 01 |
| Date | 14-Jun-2022 |
| Page | 1 |

Curve Code

A01232_20012523008004ST0C-C_field0%

| | DESCRIPTION | SYMBOL | VALUE | UNIT |
|-----------------|---------------------|---------------|-----------------------|--------|
| NOMINAL | Rated Power | P_n | 13300 | [W] |
| | Rated Speed | n_n | 3100 | [RPM] |
| | Rated Torque | T_n | 41,0 | [Nm] |
| | Rated Current | I_n | 188 | [Arms] |
| | Rated Duty | S2 | 60 | [min] |
| | Battery Voltage | V_{DC} | 80 | [V] |
| | Rated Frequency | f_n | 103 | [Hz] |
| PEAK | Peak Torque | T_p | 208 | [Nm] |
| | Peak Current | I_p | 616 | [Arms] |
| | Peak Duty | S2 | 1 | [min] |
| FEATURES | Ambient Temperature | ϑ_a | from -20° to +40° C * | [°C] |
| | Number of poles | | 4 | |
| | Insulation Class | | F | |
| | Thermal Protection | | STS1 | |
| | Cooling System | | Not Ventilated | |

* The minimum temperature -20°C is only for degree of protection IP65 or higher.





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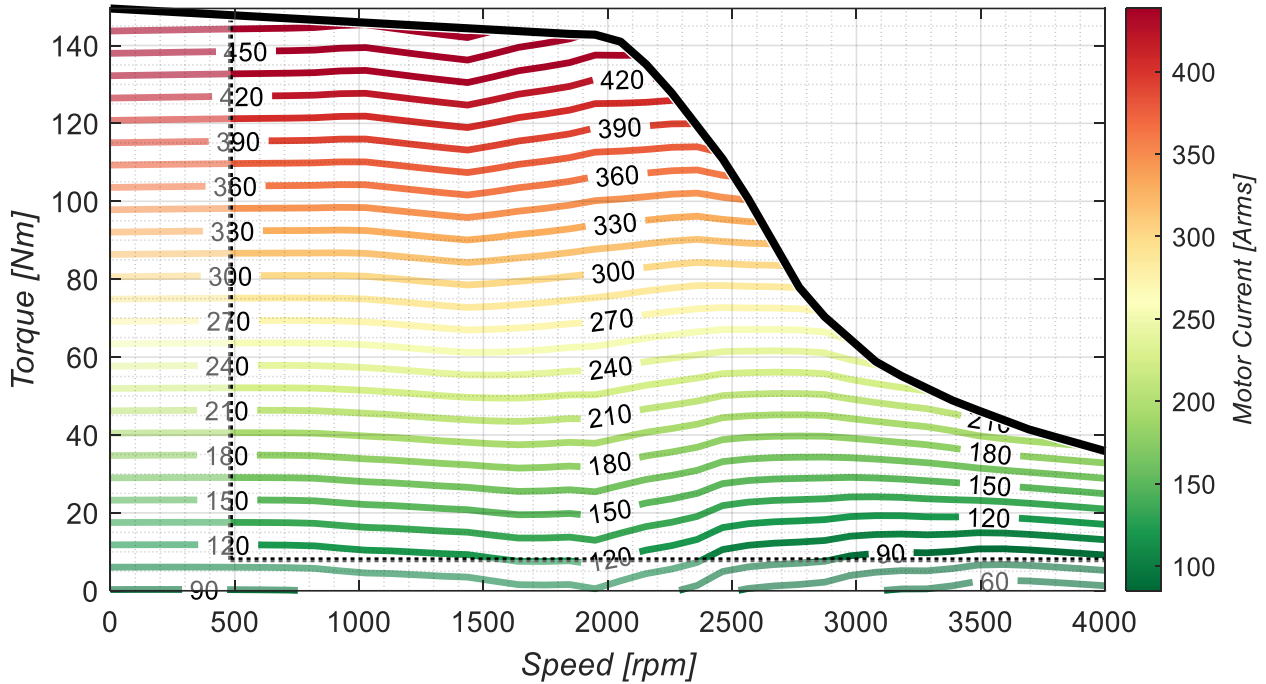
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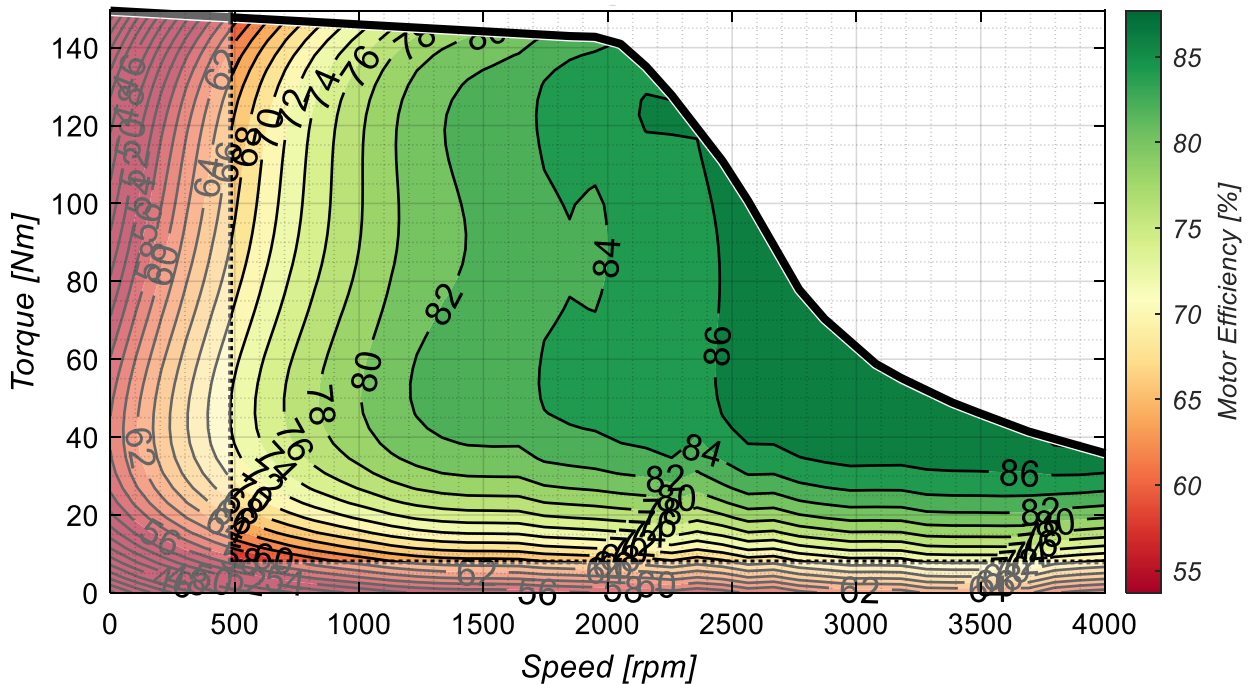
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CURRENT MAP



The data behind the dashed line are extrapolated with lower accuracy

EFFICIENCY MAP



The data behind the dashed line are extrapolated with lower accuracy