

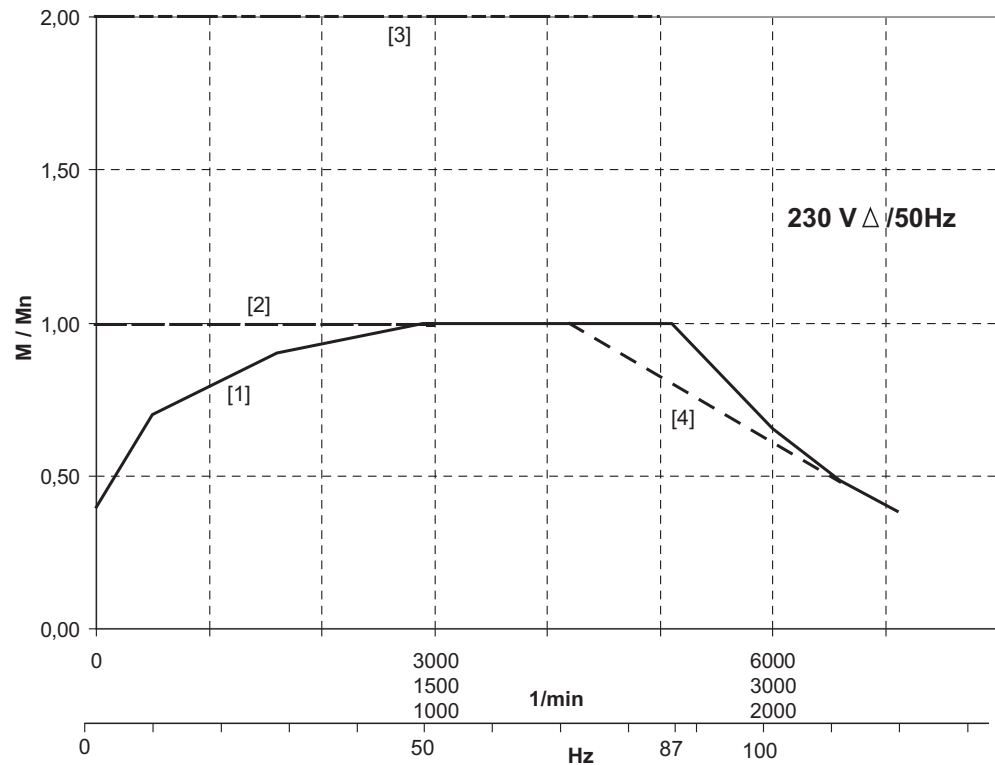


Project Planning

Torque limit curves for DRS, DRE, DRP motors operated on an inverter

$$f_{base} = 87 \text{ Hz (230 V } \Delta / 50 \text{ Hz)}$$

The following diagram shows the limit curves for operation at $f_{base} = 87 \text{ Hz}$. The curves are different for those motors with self-ventilation and those with forced cooling (= optional forced cooling fan).



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- [1] S1 operation with self-ventilation (= without forced cooling fan)
- [2] S1 operation with forced cooling (= with forced cooling fan)
- [3] Mechanical limitation for gearmotors
- [4] Limitation for shaft heights 280 – 315