



# Antriebstechnik AG

|                             |        | Art. number:        | 77030                  |
|-----------------------------|--------|---------------------|------------------------|
| <b>3MB200</b>               |        | <b>Typ:</b>         | <b>2000 W / 9.55Nm</b> |
| Rated output                | PR     | W                   | 2000                   |
| Rated speed                 | NR     | rpm                 | 2000                   |
| Rated torque                | TR     | Nm                  | 9.55                   |
| Rated terminal voltage      | VT     | V                   | 200                    |
| Rated phase current         | IR     | A                   | 9.18                   |
| Peak torque                 | TP (N) | Nm                  | 28.6                   |
| Maximum speed               | Nmax   | rpm                 | 2400                   |
| Torque constant             | KT     | Nm / A              | 1.14                   |
| Voltage constant            | KE     | V/ Krpm             | 120                    |
| Rotor moment of inertia     | JM     | Kg x m <sup>2</sup> | 12.0x10 <sup>-4</sup>  |
| Mechanical time constant    | tm     | ms                  | 0.81                   |
| Electrical time constant    | te     | ms                  | 6.6                    |
| Armature winding resistance | Ra     | Ohm                 | 0.86                   |
| Armature inductance         | La     | mH                  | 5.67                   |
| Peak armature current       | IP (N) | A                   | 27.5                   |
| Weight                      | W      | kg                  | 10.3                   |
|                             |        |                     |                        |
| Rating                      |        |                     | constant               |
| Class of insulation         |        |                     | Class F                |
| Operating temperature       |        |                     | 0° C~40° C             |

