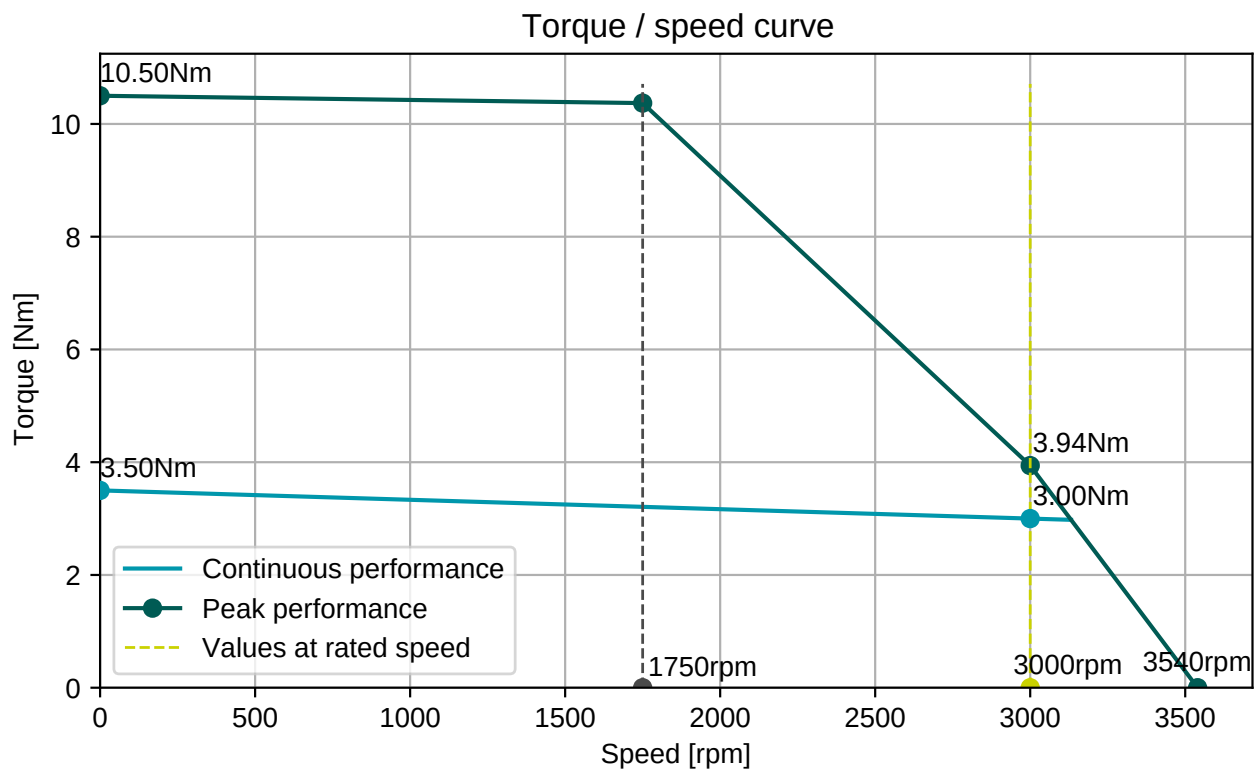


| Engineering data (WIN 739)           |                                   | Mechanical data (setting 48)                                                                                                                                                  |            |         |  |             |                 |          |                                   |
|--------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|--|-------------|-----------------|----------|-----------------------------------|
| DC bus voltage                       | 320 V DC                          | Max mechanical speed                                                                                                                                                          | 12000 rpm  |         |  |             |                 |          |                                   |
| Nominal AC voltage                   | 220 V AC (rms)                    | Mech. time constant                                                                                                                                                           | 0.73 ms    |         |  |             |                 |          |                                   |
| Rated voltage                        | 193 V AC (rms)                    | Thermal time constant                                                                                                                                                         | 27 min     |         |  |             |                 |          |                                   |
| Rated power                          | 942 W                             | Rotor inertia                                                                                                                                                                 | 1.04 kgcm² |         |  |             |                 |          |                                   |
| Rated speed                          | 3000 rpm                          | Protection                                                                                                                                                                    | IP64       |         |  |             |                 |          |                                   |
| Rated torque                         | 3.00 Nm                           | Color                                                                                                                                                                         | RAL 9005   |         |  |             |                 |          |                                   |
| Rated current                        | 3.47 A (rms)                      | Cooling                                                                                                                                                                       | Convection |         |  |             |                 |          |                                   |
| Peak torque                          | 10.5 Nm                           | Motor-only mass                                                                                                                                                               | 2.9 kg     |         |  |             |                 |          |                                   |
| Peak current                         | 12.3 A (rms)                      | Max. axial force 20kh                                                                                                                                                         | 68 N       |         |  |             |                 |          |                                   |
| Stall torque                         | 3.5 Nm                            | Max. radial force 20kh                                                                                                                                                        | 356 N*     |         |  |             |                 |          |                                   |
| Stall current                        | 3.41 A (rms)                      | Max. axial force 100kh                                                                                                                                                        | 40 N       |         |  |             |                 |          |                                   |
| No load speed                        | 3540 rpm                          | Max. radial force 100kh                                                                                                                                                       | 208 N*     |         |  |             |                 |          |                                   |
| EMF constant ±10%                    | 62 V AC (rms)<br>/ 1000rpm        | * Defined for point of action at ½ output shaft length                                                                                                                        |            |         |  |             |                 |          |                                   |
| Theoretical torque constant ±10%     | 1.03 Nm / A (rms)                 |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Torque constant ±10%<br>@ rated load | 0.86 Nm / A (rms)                 | <table><tr><th colspan="2">Sensors</th></tr><tr><td>Temperature</td><td>PT1000 {PT1000}</td></tr><tr><td>Feedback</td><td>EDS35 (HDSL) single-turn, 24 bits</td></tr></table> |            | Sensors |  | Temperature | PT1000 {PT1000} | Feedback | EDS35 (HDSL) single-turn, 24 bits |
| Sensors                              |                                   |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Temperature                          | PT1000 {PT1000}                   |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Feedback                             | EDS35 (HDSL) single-turn, 24 bits |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Number of poles                      | 10                                |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Electrical time constant             | 2.86 ms                           |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Winding terminal resistance          | 4.27 Ω                            |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Rotary field terminal inductance     | 12.2 mH                           |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| Customs info                         |                                   |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |
| HS Code                              | 85015220                          |                                                                                                                                                                               |            |         |  |             |                 |          |                                   |


**EGA201N00000800000**

M15, 9 poles, rotary


**Connector 1 (304)**

|           |          |
|-----------|----------|
| <b>A</b>  | U        |
| <b>B</b>  | V        |
| <b>C</b>  | W        |
| <b>PE</b> | PE       |
| <b>1</b>  | Brake+   |
| <b>2</b>  | Brake-   |
| <b>3</b>  | +Us/DSL+ |
| <b>4</b>  | GND/DSL- |

