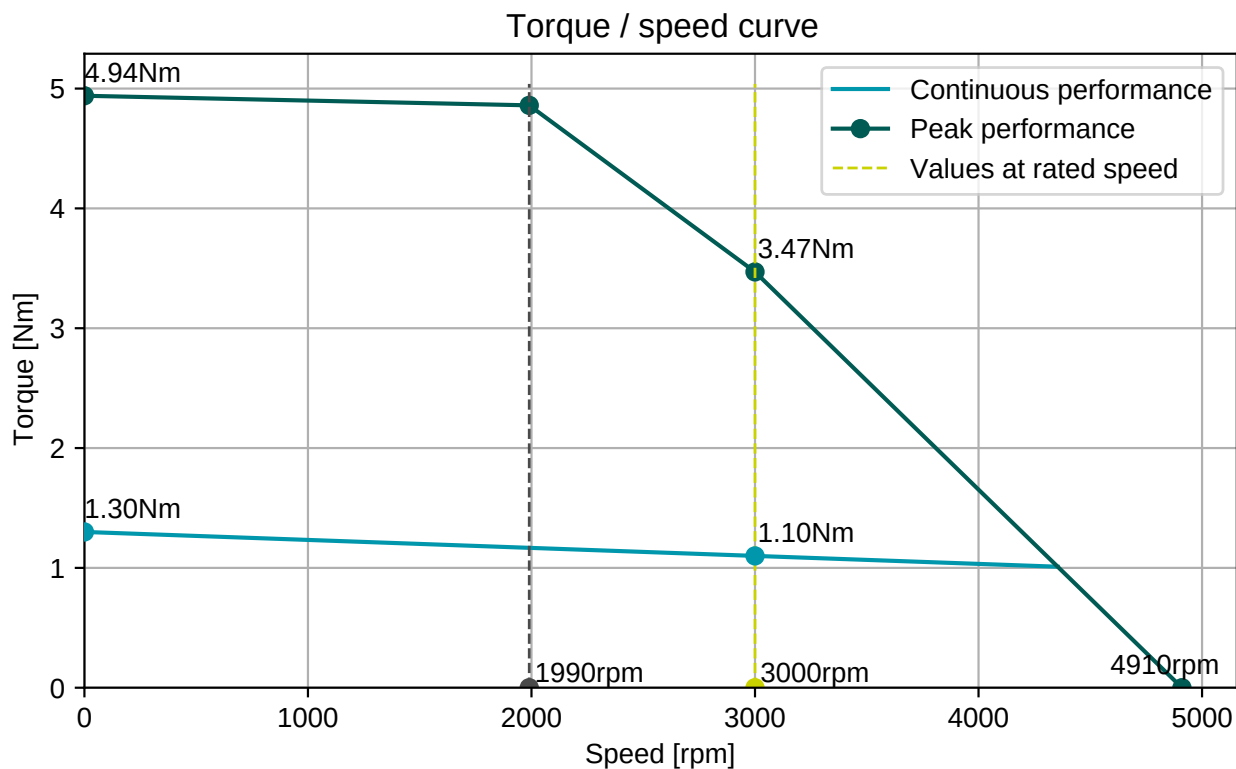


| Engineering data (WIN 1417)          |                              | Mechanical data (setting 48)                           |                                   |
|--------------------------------------|------------------------------|--------------------------------------------------------|-----------------------------------|
| DC bus voltage                       | 320 V DC                     | Max mechanical speed                                   | 12000 rpm                         |
| Nominal AC voltage                   | 220 V AC (rms)               | Mech. time constant                                    | 1.53 ms                           |
| Rated voltage                        | 148 V AC (rms)               | Thermal time constant                                  | 24 min                            |
| Rated power                          | 346 W                        | Rotor inertia                                          | 0.5 kgcm²                         |
| Rated speed                          | 3000 rpm                     | Protection                                             | IP67                              |
| Rated torque                         | 1.10 Nm                      | Color                                                  | RAL 9005                          |
| Rated current                        | 1.73 A (rms)                 | Cooling                                                | Convection                        |
| Peak torque                          | 4.94 Nm                      | Motor-only mass                                        | 1.6 kg                            |
| Peak current                         | 8.3 A (rms)                  | Max. axial force 20kh                                  | 60 N                              |
| Stall torque                         | 1.3 Nm                       | Max. radial force 20kh                                 | 334 N*                            |
| Stall current                        | 1.77 A (rms)                 | Max. axial force 100kh                                 | 36 N                              |
| No load speed                        | 4910 rpm                     | Max. radial force 100kh                                | 191 N*                            |
| EMF constant ±10%                    | 44.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                   |
| Theoretical torque constant ±10%     | 0.736 Nm / A (rms)           |                                                        |                                   |
| Torque constant ±10%<br>@ rated load | 0.636 Nm / A (rms)           | Sensors                                                |                                   |
| Number of poles                      | 10                           | Temperature                                            | PT1000 {PT1000}                   |
| Electrical time constant             | 1.44 ms                      | Feedback                                               | EDS35 (HDSL) single-turn, 24 bits |
| Winding terminal resistance          | 9.598 Ω                      |                                                        |                                   |
| Rotary field terminal inductance     | 13.8 mH                      |                                                        |                                   |

| Customs info |          |
|--------------|----------|
| HS Code      | 85015100 |



**Cable DSL4x1 (2x0,25) , D=10,3±0,4mm**

| Connector 1 (306) |          |
|-------------------|----------|
| 1                 | U        |
| 2                 | V        |
| 3                 | W        |
| PE                | PE       |
| 5                 | Brake+   |
| 6                 | Brake-   |
| brown             | +Us/DSL+ |
| white             | GND/DSL- |

*Numbers printed on the cables*

