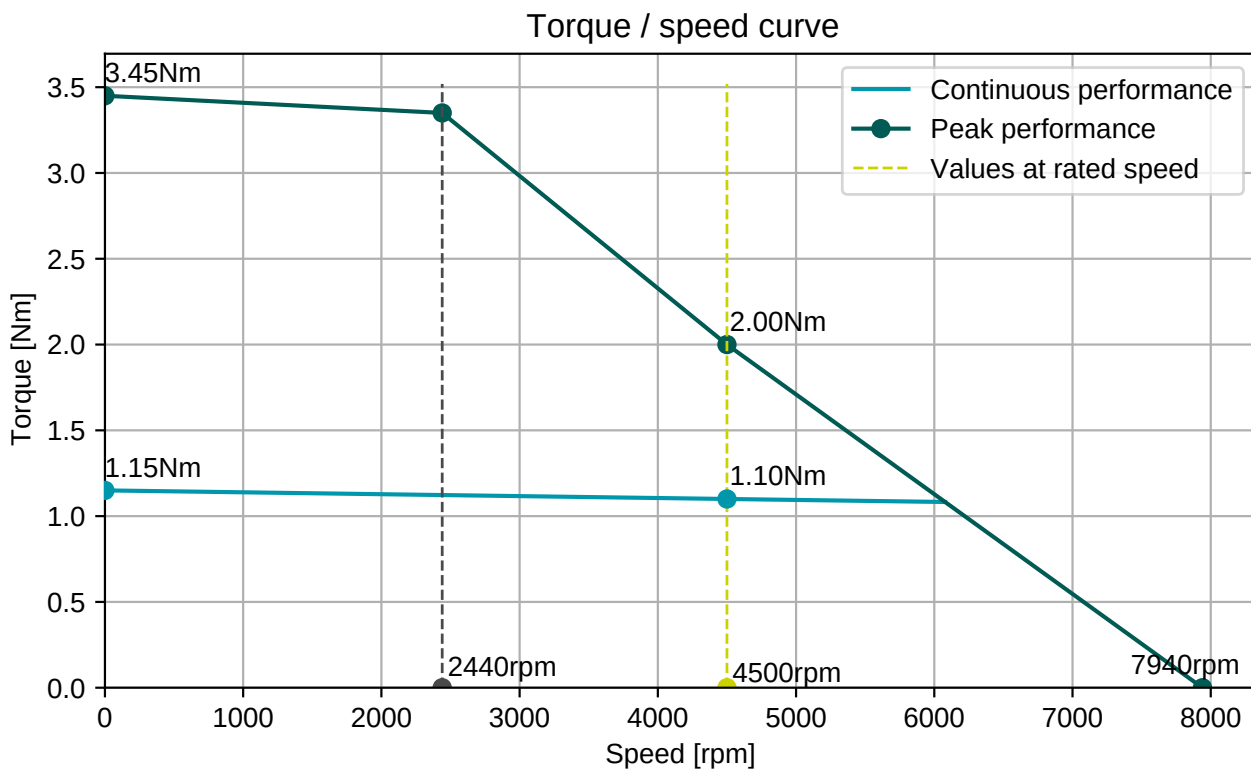


| Engineering data (WIN 960)           |                              | Mechanical data (setting 48)                           |                                         |
|--------------------------------------|------------------------------|--------------------------------------------------------|-----------------------------------------|
| DC bus voltage                       | 320 V DC                     | Max mechanical speed                                   | 12000 rpm                               |
| Nominal AC voltage                   | 220 V AC (rms)               | Mech. time constant                                    | 1.39 ms                                 |
| Rated voltage                        | 154 V AC (rms)               | Thermal time constant                                  | 21 min                                  |
| Rated power                          | 518 W                        | Rotor inertia                                          | 0.31 kgcm²                              |
| Rated speed                          | 4500 rpm                     | Protection                                             | IP64                                    |
| Rated torque                         | 1.10 Nm                      | Color                                                  | RAL 9005                                |
| Rated current                        | 2.94 A (rms)                 | Cooling                                                | Convection                              |
| Peak torque                          | 3.45 Nm                      | Motor-only mass                                        | 1.5 kg                                  |
| Peak current                         | 11.1 A (rms)                 | Max. axial force 20kh                                  | 47 N                                    |
| Stall torque                         | 1.15 Nm                      | Max. radial force 20kh                                 | 247 N*                                  |
| Stall current                        | 2.53 A (rms)                 | Max. axial force 100kh                                 | 27 N                                    |
| No load speed                        | 7940 rpm                     | Max. radial force 100kh                                | 145 N*                                  |
| EMF constant ±10%                    | 27.5 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                         |
| Theoretical torque constant ±10%     | 0.45 Nm / A (rms)            |                                                        |                                         |
| Torque constant ±10%<br>@ rated load | 0.37 Nm / A (rms)            | Sensors                                                |                                         |
| Number of poles                      | 10                           | Temperature                                            | PT1000 {PT1000}                         |
| Electrical time constant             | 2.23 ms                      | Feedback                                               | EKS36 (HDSL) single-turn, 18 bits, SIL2 |
| Winding terminal resistance          | 5.37 Ω                       |                                                        |                                         |
| Rotary field terminal inductance     | 12 mH                        |                                                        |                                         |

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


**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- |

