

Engineering data (WIN 1029)

DC bus voltage	560 V DC
Nominal AC voltage	380 V AC (rms)
Rated voltage	329 V AC (rms)
Rated power	4.6 kW
Rated speed	2000 rpm
Rated torque	22.00 Nm
Rated current	9.52 A (rms)
Peak torque	72 Nm
Peak current	30.7 A (rms)
Stall torque	24 Nm
Stall current	9 A (rms)
No load speed	2340 rpm
EMF constant ±10%	162 V AC (rms) / 1000rpm
Theoretical torque constant ±10%	2.68 Nm / A (rms)
Torque constant ±10% @ rated load	2.31 Nm / A (rms)
Number of poles	10
Electrical time constant	8.89 ms
Winding terminal resistance	1.35 Ω
Rotary field terminal inductance	12 mH

Customs info

HS Code	85015220
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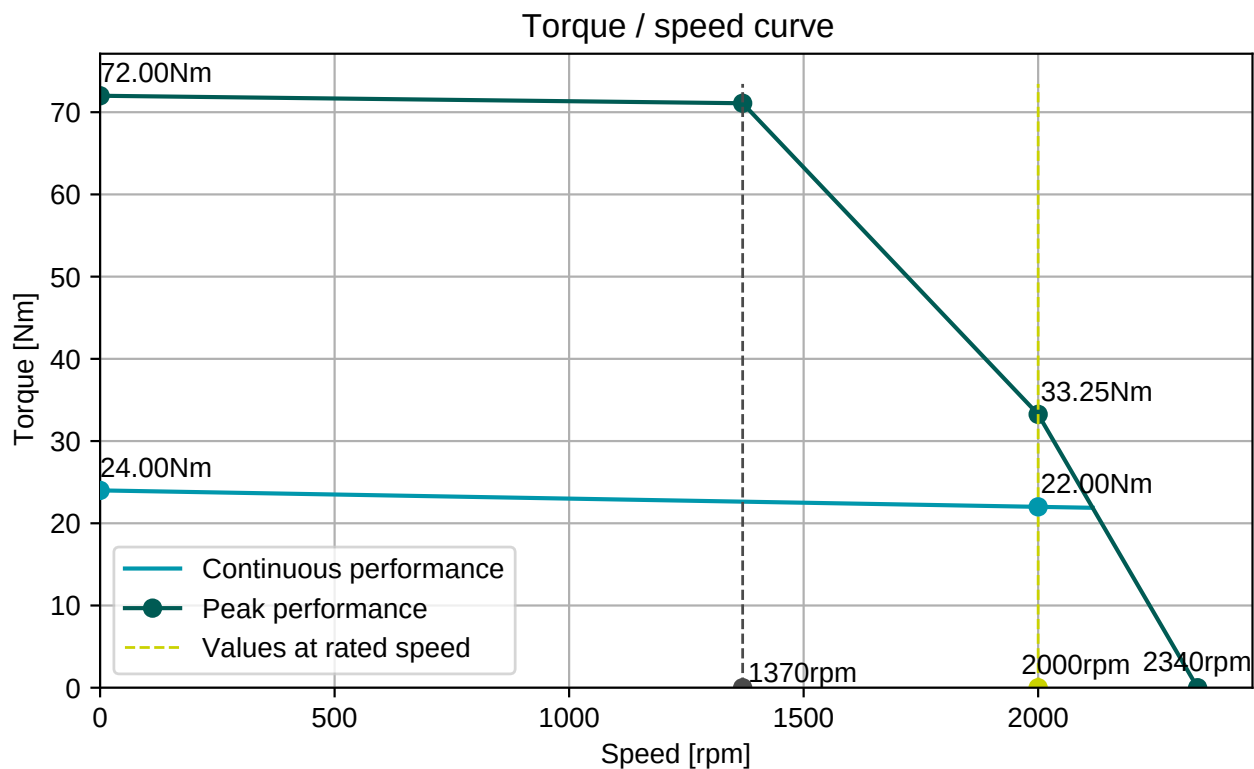
Mechanical data (setting 48)

Max mechanical speed	9000 rpm
Mech. time constant	0.61 ms
Thermal time constant	75 min
Rotor inertia	18.7 kgcm ²
Protection	IP64
Color	RAL 9005
Cooling	Convection
Max. axial force 20kh	167 N
Max. radial force 20kh	881 N*
Max. axial force 100kh	98 N
Max. radial force 100kh	515 N*

* Defined for point of action at ½ output shaft length

Sensors

Temperature	PT1000 {PT1000}
Feedback	EKS36 (HDSL) single-turn, 17 bits



BEA120N00000200000

M23, 8 poles, straight



Connector 1 (283)

1	U
4	V
3	W
2	PE
A	Brake+
B	Brake-
C	GND/DSL-
D	+Us/DSL+

