

Nachfolgetyp für Artikel Nr.: 188K0481

Bauer Article No.: 188N6203

Helical-gear motor

Type : BG80-11/DHE13LA4-TF-G-FV/SP
 Motor power (kW) : 7,5 Mounting : B3
 Output shaft speed (rpm) : 38,5 Terminal box position : I / A
 Dimensional drawing : BG80-BG80Z
 Corrosion protection : Standard Catalogue : B 2010
 Painting : RAL 7031 net weight per unit : ca. 224 kg
 ambient temperature °C : -20 - +40
Add.-/Special design: Output plate additional stamped with:
 Customer ID no. 6.075968.C
 With 2nd output plate supplied loosely in the terminal box
 Sonder-Kabelverschraubungen nach ZN. BAU2560551. EMSKV 20 EMV-Z Fa. Wiska

Suitable for operation on static converter

in the frequency range	: 10	-	50	-	60	Hz
Voltage	: 95	-	400	-	400	V Y
Output	: 1,53	-	7,5	-	9	kW
synchron speed	: 7,8	-	39,0	-	47,0	rpm
Constant torque	: 1860					Nm
Load current approximately	: 17,1					A
Service factor	: 2,3					

Gear design:

Type : BG80 2 -staged Helical gear
 Design code 11 : foot with clearance hole on side bottom
 : solid output shaft on gear side front (d: 70 mm)
 Total gear reduction i : 38,00
 Oil-type/-volume (l) : CLP 220 / 11

Design of the motor:

Type : Three-phase squirrel cage motor DHE13LA4-TF-G-FV
 Voltage (V) : 400 Rated speed (rpm) : 1460
 Connection : Y IP prot. type per EN 60529 : IP 65
 Frequency (Hz) : 50 IC cool. type EN 60034-6 : IC 416
 Rated current (A) : 15,1 Design acc. to DIN VDE 0530-1/EN 60034-1
 Power factor (cos phi) : 0,81 Terminal box size : TB322R
 Temperature class : F efficiency class acc. to EN 60034-2-1 : IE2 - 88,9 %
Add.-/Special design: With built in thermistors for release
 per supplemental connection diagram ZK010.1040-14.
 with Motor heater type ACM5; 220..250 V; 2x40 W; 50 Hz

With installed vendor-supplied fan

in wide range voltage design
 Connection: 3 phase 200 - 303 V; 346 - 525 V; 50 Hz
 Connection: 3 phase 220 - 332 V; 380 - 575 V; 60 Hz
 Connection: 1 phase 230 - 277 V; 50 Hz, 60 Hz

With attached encoder/tacho-generator

Type : EIL580
 Kabelausführung; 1024 Impulse; 10...30 V HTL; A/B/N + invertiert
 Geber im Zusatz-Klemmenkasten direkt auf WAGO-Klemmen angeschlossen
 Tacho-Anbau nach ZN.

Please note:

Motor

Ihre treibende Kraft - Your driving power

Motor connection by means of CAGE-CLAMP.
CAGE CLAMP is a Registered Trademark of the company WAGO

Please check whether the allocation of voltage and frequency for the motor and converter match.
Vendor-supplied fan

When operating at various frequencies (frequency jumping, converter operation) the outside fan must be supplied from a separate network (possibly a control network).