

isel-High-torque-Schrittmotor MSG 020 HT Art.-Nr. 470010 x480

isel-High-torque-Schrittmotor MSG 050 HT Art.-Nr. 470010 x520

(x=0 1. Wellenende)
(x=1 2. Wellenende)

Merkmale der isel-High-torque-Schrittmotoren

Schrittwinkel 1.8°, erin ere Aufl sun durch
Microstep-Betrieb

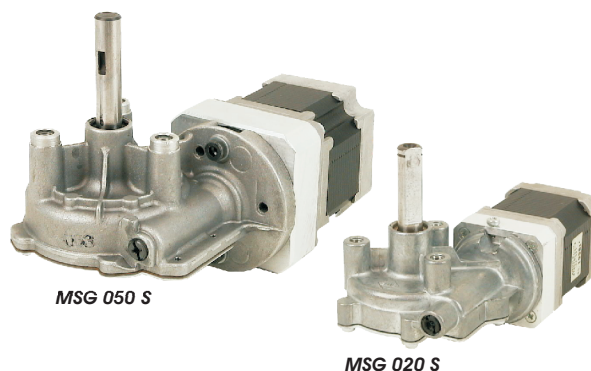
Sehr hohes Drehmoment durch Selten-Erden-Ma nete

Optimiert f r den Einsatz in Positioniersteuerun en

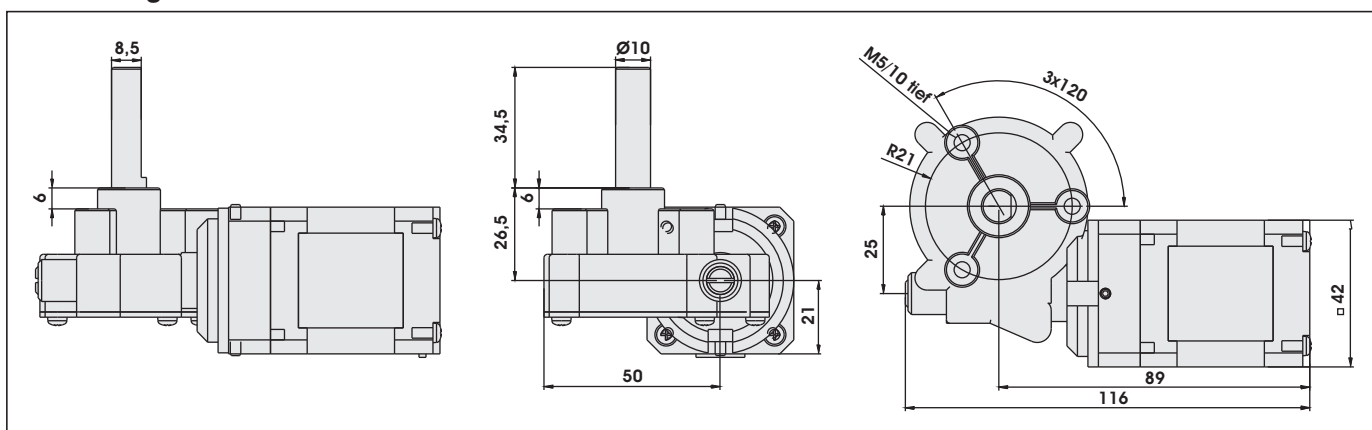
Optimales Verh ltnis von Drehmoment und Bau r ße

Kleiner Schrittinkelfehler, nicht kumulativ

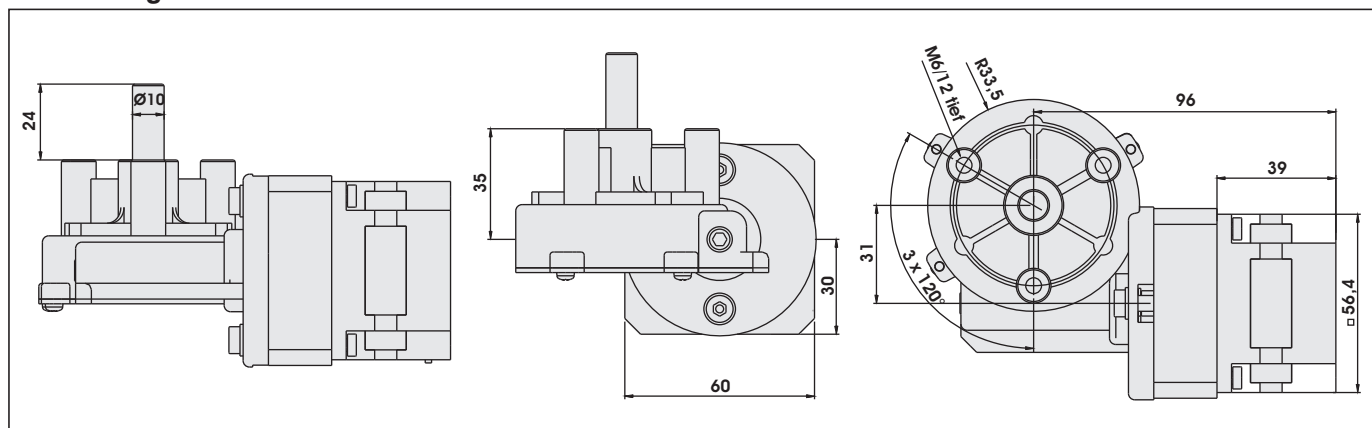
2. Wellenende zum optionalen Anbau von HP-Encoder



Abmessungen MSG 020 HT



Abmessungen MSG 050 HT



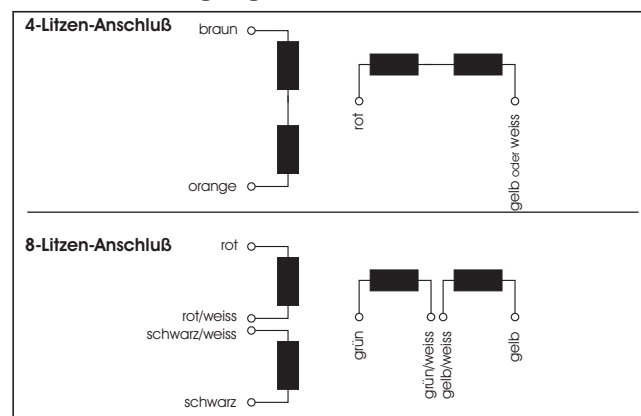
Technische Daten

Bezeichnung	Artikel-Nr.	Artikel-Nr. mit 2. Wellen- ende	montierter Schrittmotortyp	Untersetzung i
MSG 020 S	470010 0480	470010 1480	MS 050 HT	62:1
MSG 050 S	470010 0520	470010 1520	MS 058 HT	69:1

	Nenn-/Spitzen- moment Nm	Selbst- hemmung Nm	Gewicht kg	Axiallast Zug N	Axiallast Druck N	Radiallast N
MSG 020 S	2 / 9	7	0,62	10	15	40
MSG 050 S	5 / 25	15	0,86	10	15	40

ISO-Klasse: B (130°) **Umgebungstemperatur:** -10 °C...+50 °C
Schutzklasse: IP 40 **Isolationswiderstand:** 100 M / 500 V DC

Anschlussbelegung

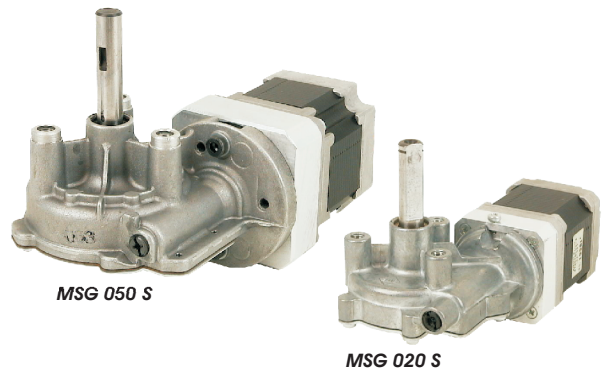


isel High-Torque Stepper Motor MSG 020 HT Art. No. 470010 x480

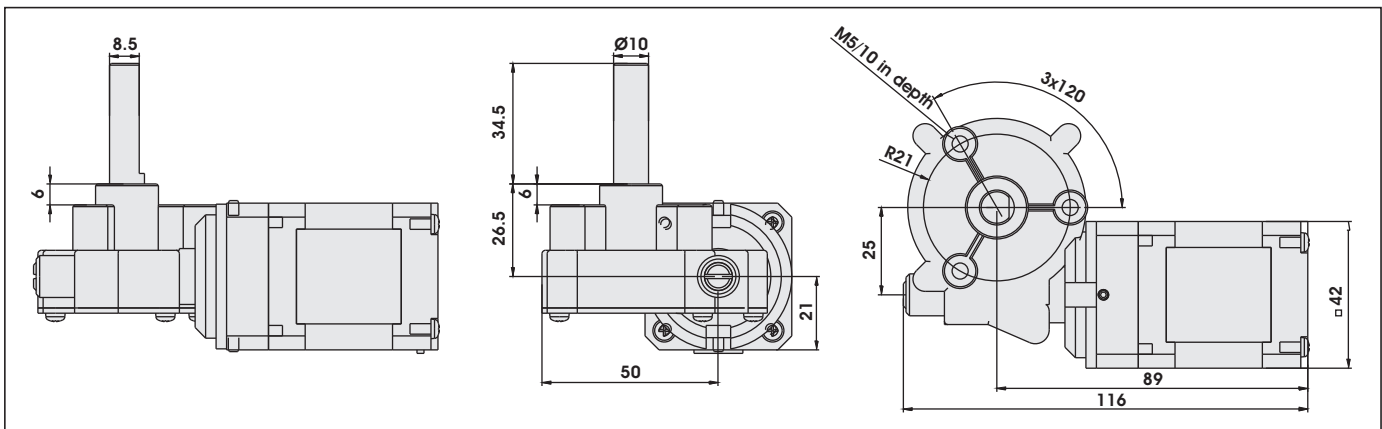
isel High-Torque Stepper Motor MSG 050 HT Art. No. 470010 x520 (x= 0 1st shaft end)
(x= 1 2nd shaft end)

Features of the isel high-torque stepper motors

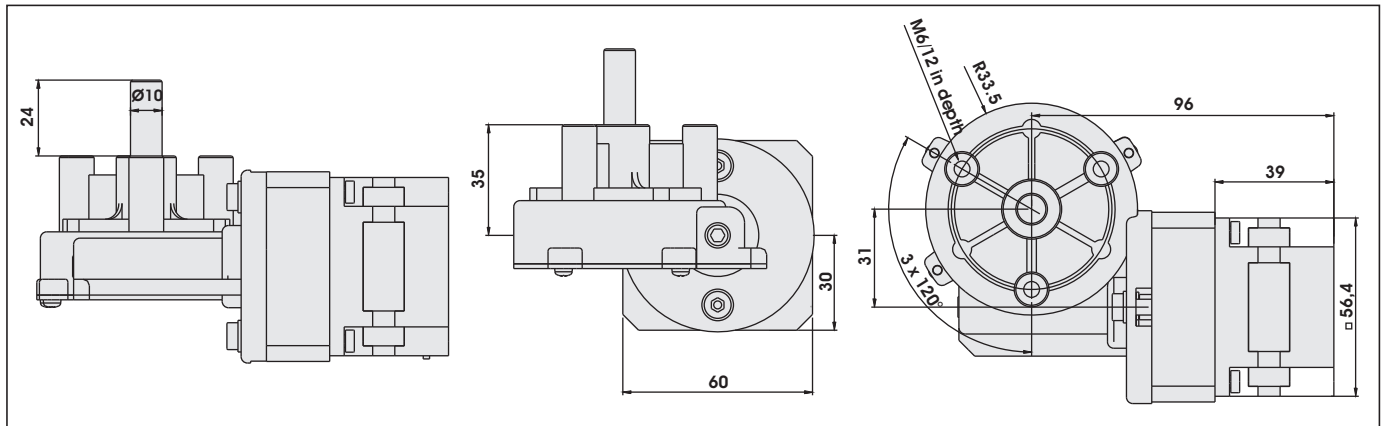
- Step angle 1.8°, low resolution thanks to Microstep operation
- Very high torque thanks to rare-earth magnets
- Optimised for use in positioning controls
- Optimum ratio of torque and size
- Small step angle error, non-cumulative
- 2nd shaft end for optional attachment of HP encoders



Dimensions MSG 020 HT



Dimensions MSG 050 HT



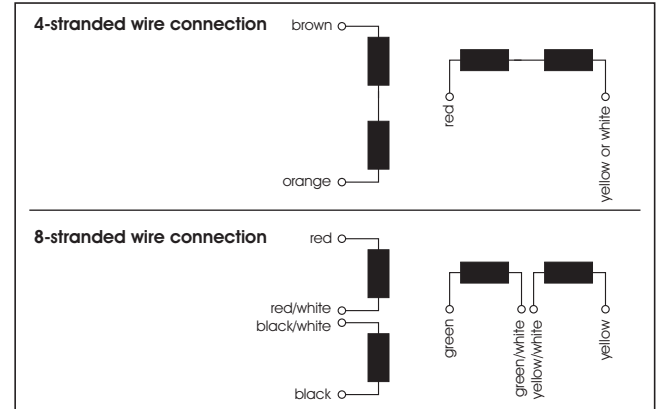
Technical data

Designation	Article no.	Article no. with 2nd shaft end	Stepper motor type installed	Reduction ratio i
MSG 020 S	470010 0480	470010 1480	MS 050 HT	62:1
MSG 050 S	470010 0520	470010 1520	MS 058 HT	69:1

	Rated/peak torque Nm	Self-locking Nm	Weight kg	Axial load tension N	Axial load thrust N	Radial load N
MSG 020 S	2 / 9	7	0.62	10	15	40
MSG 050 S	5 / 25	15	0.86	10	15	40

ISO class: B (130°) **Ambient temperature:** -10 °C...+50 °C
Class of protection: IP 40 **Insulation resistance:** 100 MΩ / 500 V DC

Connector pin assignment



Deutsch

English