

isel®-Spindle motor iSA 2200 with automatic tool exchange

English

Characteristics

- Sturdy 2-pole three-phase motor
- Rectangle built, Protection type IP 54, insulation class F
- Cast sign A and B side
- Motor-shaft for collets type ER 20
- Nominal output 2.2 kW (S6-40% operation)
- Revolutions range 5,000 U/min. - 20,000 U/min.
- Automatic tool exchange with tool holder SK 20 and collet ER20, Ø 6 mm
- Connector M23
- Clamping range Ø 2 mm–Ø 13 mm
- Tool exchange SK 20 pneumatic (7,5bar)
- Separately driven fan B side
- Revolution control
- Double precision position
- Options:
 - CoolMin® (external)
 - Frequency converter
 - Tool exchange stations
 - Different clamping tools
 - Exhaust device



iSA 2200

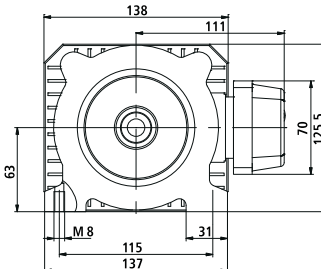
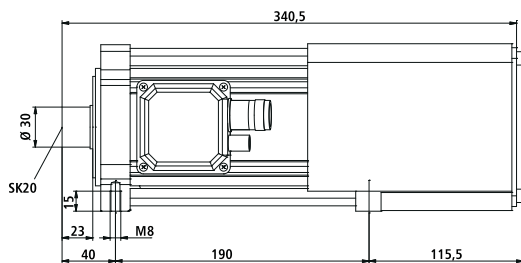


iSA 2200
mit CoolMin®

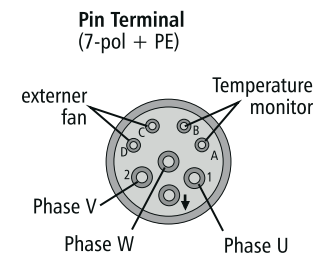
Technical Data

Description	Torque at 18.000 U/min.	Revolution range	Cut-off frequency	Number of poles	Nominal voltage	Nominal current	cos φ	S6 = 40% operation	Rotation [mm]	Weight [kg]
iSA 2200 Spindle motor	1.26 Nm	5,000 to 20,000	280 Hz	2	3 x 230 V	7.6 A	0.84	2.2 kW	0.01	14.6

Scale Drawing



Motor connection



Order data

Spindle motor iSA 2200
Item-No. **477022 3320**

iSA 2200 with converter
and connecting cable (8m)
Item-No. **310722 3621**

tool holder SK 20
Item-No. **239172 0020**

CoolMin external with hose
Item-No. **239011 0119**

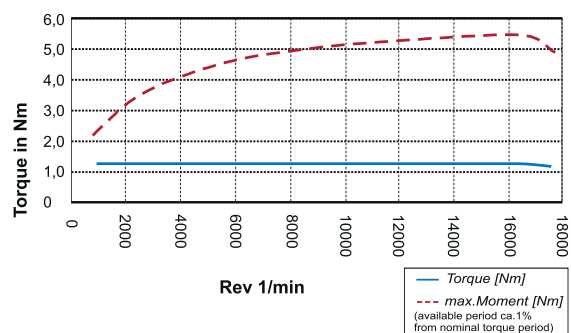
Collet-Set, type ER 20
Ø 3 - 13 mm
Item-No. **239172 0000**

connecting cable (8m)
Item-No. **392306 0800**

Frequency converter
Item-No. **311707 6000**

4-time changer with cover
Item-No. **239011 0041**

Torque-Curves



Technical specifications subject to change.

www.milling-spindles.isel.com

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