

isel®-Spindle motor iSA 900 with automatic tool exchange

English

Characteristics

- Sturdy 2-pole three-phase motor
- Rectangle built, Protection type IP 55, insulation class F
- Cast sign A and B side
- Nominal output 0.9 kW (S6-40% operation)
- Revolutions range 6,000 U/min. - 24,000 U/min.
- Automatic tool exchange with tool holder SK 11 and collet type ER 11 , Ø 6 mm
- Connector M23
- Clamping range Ø 1 mm-Ø 7 mm
- Separately driven fan B side
- Revolution control via frequency converter
- Double precision position
- Tool exchange SK 11 pneumatic (7,5bar)
- Options:
 - CoolMin® (external)
 - Frequency converter
 - Tool exchange station
 - Exhaust device
 - Different clamping tools, mounting plates, line lengths

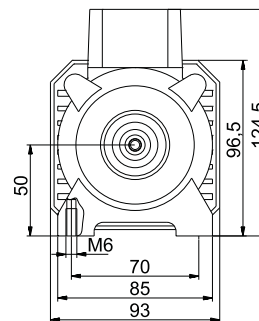
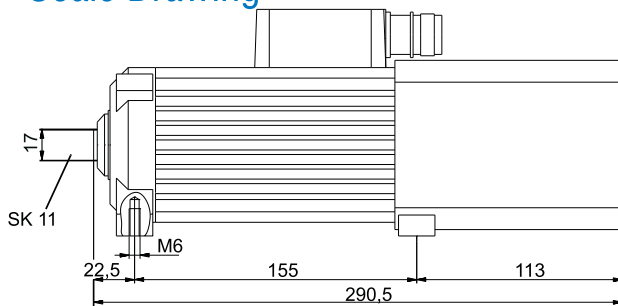


iSA 900

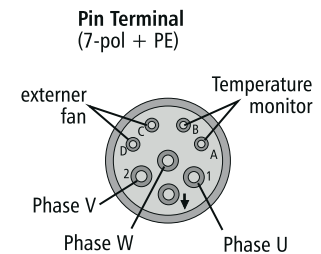
Technical Data

Description	Torque at 24.000 U/min.	Revolution range	Cut-off frequency	Number of poles	Nominal voltage	Nominal current	cos ϕ	S6 = 40% operation	Rotation [mm]	Weight [kg]
iSA 900 Spindle motor	0.37 Nm	6,000 to 24,000	400 Hz	2	3 x 230 V	3.25 A	0.84	0.9 kW	0.01	5.8

Scale Drawing



Motor connection



Order data

Spindle motor iSA 900
Item-No. **477009 3324**

iSA 900 with converter and connecting cable (8m)
Item-No. **310709 3612**

Tool holder SK 11
Item-No. **239111 0001**

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

Collet-Set, type ER 11
Ø 3 - 6,35 mm
Item-No. **239170 0000**

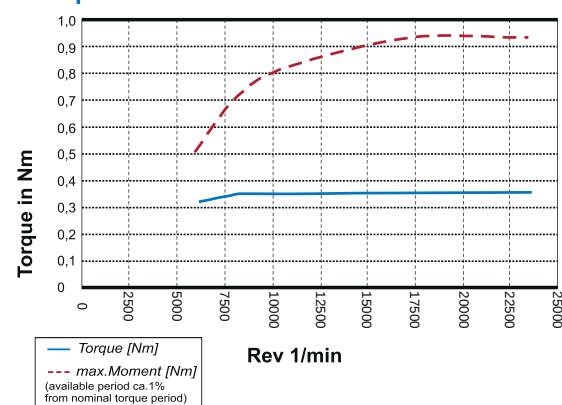
Connecting cable (8m)
Item-No. **392306 0800**

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

5-time changer with cover
Item-No. **239011 0053**

8-time changer with cover
Item-No. **239011 0083**

Torque-Curves



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