

**High-speed spindle type 625S compact, slim, SK 40, Speed: 40000 rpm****Order data**

Order number	358815 40000
GTIN	2050001870469
Item class	33I

Description**Version:**

Air-powered high-speed spindle, constant speed under load 25,000 – 65,000 rpm. depending on the version. Power up to 1kW.

Advantage:

- **Higher machining speeds with smaller tools.**
- **Protects the machine - speed is generated by the high-speed spindle - the machine spindle is stationary.**
- **Integral air cooling permits continuous use. No standstill times.**
- **Longer tool life.**
- **Very good surface quality of the tools - less requirement for regrinding.**

Application:

High-speed spindles allow higher cutting speeds and feed rates. They allow above all the use of tools with small diameters (6 mm).

Supplied with:

High-speed spindle, collet, collet clamping nut, wrench, sealing plug, air filter, connection hose.

Optional extras:

Tool-change turret for automatic tool-change. Required only for **external** air supply - available on request.

Note:

Use clean dry compressed air at approx. 6.2 bar.

Further spindles available on request: all commonly-used shank versions, different performance classes and speeds.

Arbor standard: JIS B6339

Type: 625S

External Ø D: 57.15 mm

External Ø D₁: 25 mm

Overall length L: 25 mm

Shank length L_1 : 55 mm

Overhang A: 169 mm

Technical description

External $\varnothing D_1$	25 mm
Overall length L	25 mm
Speed	40000 rpm
External $\varnothing D$	57.15 mm
Shank length L_1	55 mm
Overhang A	169 mm
Type	625S
Machining strategy	HSC
Adapter	SK 40
Arbor standard	DIN 69871
Arbor standard	DIN 69893
Arbor standard	JIS B6339
Type of product	High-speed spindle