

# Alfred Jäger GmbH

## SF-Elektromaschinenbau



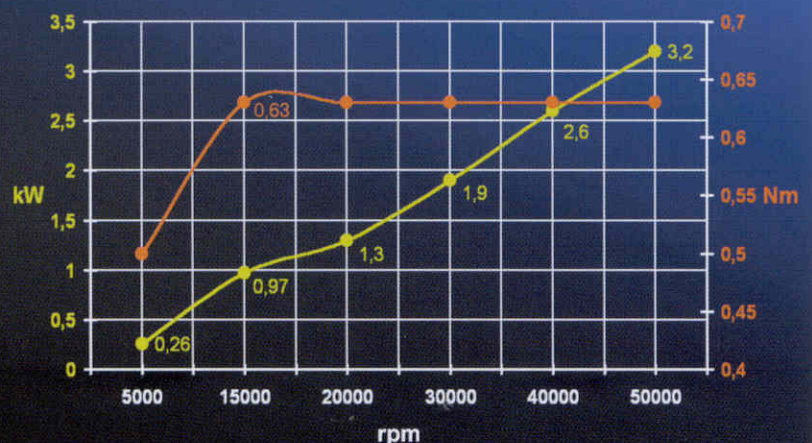
### SK4-22/50

High frequency spindle  
equipped with  
pneumatic change of  
toolholder, to integrate  
into the full-automatical  
process of machine tools.  
Applicable for drilling, milling  
and grinding.



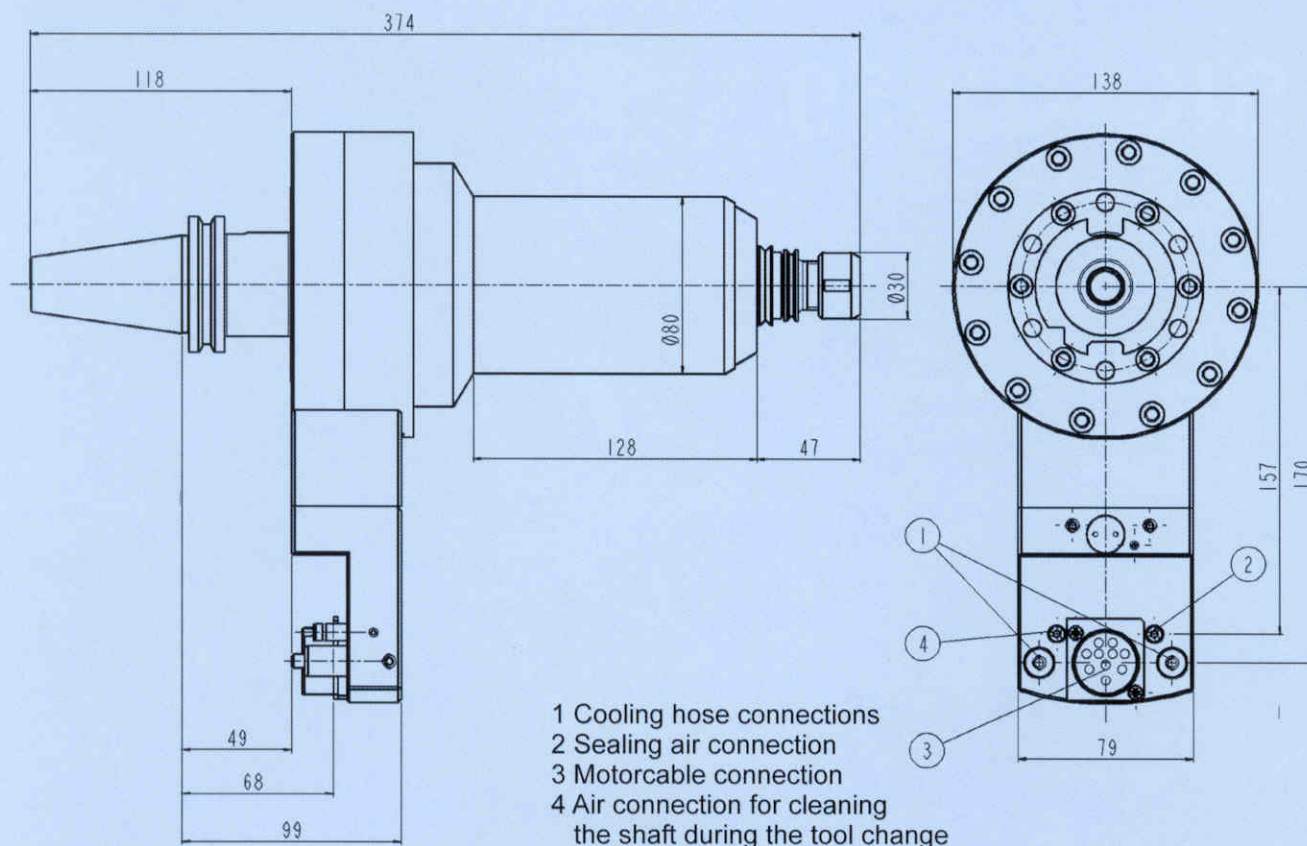
#### Technical data:

- Power output: 2,6 KW
- Rotation frequency speed: 5.000 - 50.000 rpm
- Ceramic hybrid precision ball bearings lubricated for life
- Pneumatic change of toolholder
- Clamping range: 1 - 10 mm
- Sealing air
- Rotation speed monitoring
- Temperature monitoring
- Liquid cooled
- Expounder for an automatical connecting system of the supply lines
- Weight: 9 - 12 kg





### SK4-22/50



- 1 Cooling hose connections
- 2 Sealing air connection
- 3 Motor cable connection
- 4 Air connection for cleaning the shaft during the tool change

### Accessories:

- Taper adapter SK 40 / SK 50 with or without grab groove (various taper adapter on request)
- Toolholder
  - Toolholder WK 19-10 incl. locknut
  - Shrinking toolholder WK 19-10 ØE (3, 4, 6, 8, 10 mm)
- Collet type 10 D (1 - 10 mm)
- Tool-change pick-up station WS 35/30
- Operating line 10 m Automatical change system for the supply lines
  - elevating gear
  - electromagnetic nearing system
- System cabinet 49/3A/KKG1.2 for spindle and automatical connecting system
  - Solid-state frequency converter 49/3A
  - Cooling unit KKG 1.2
  - Valve set
  - Option: with wheels
- System cabinet 49/3D/KKG1.2 for spindle and automatical connecting system
  - Solid-state frequency converter 49/3D
  - Cooling unit KKG 1.2
  - Valve set
  - Option: with wheels
- Cable remote control (only for digital frequency converter 49/3D)
- Shrinking appliance

Update: 02/99