



All motor spindles guarantee optimal all-round quiet operation, maximum rotational speed and the highest levels of precision. The clutch shaft principle as a tried and trusted design feature offers unbeaten results, even in the case of difficult machining jobs with deep drilled holes.

M32/34 series

Spindles with air-cooled, three-phase, built-on motor

- External taper on working side
- Pre-tensioning of the precision bearing groups using a spring system that does not have to be readjusted
- Long-lasting grease lubrication
- Non-wearing labyrinth seal system
- Spindles are completely balanced dynamically
- Taper true running ≤ 0.002 mm
- Drive via frequency converter or direct connection to main power supply
- Diameter to length ratio of up to 1:15 possible

Options/special solutions:

- Right/left protection, air seal, water-cooled motor
- Manual HSK tool interface
- Other Dimensions, motor specifications and versions on request

M32/34 models

| Description | | | Dimensions [mm] | | | | | | | Motor + Motorflange | | | Speed [rpm] for Spindle with | | max. Power [kW] |
|-------------|-----|-------|-----------------|----|----|-----|----|----|-----|---------------------|----|------------------|------------------------------|------|-----------------|
| Type | D | L | K | S | U | Y | O | SW | D1 | L1 | C | Standard cooling | Fan cooling | | |
| M32-FAVY | 40 | • 150 | 14 | 22 | 7 | | | | 127 | 208 | 50 | 2'800 | | 0.55 | |
| M32-FAV | 60 | • 190 | 24 | 32 | 11 | 8.5 | 8 | 22 | 176 | 370 | 42 | | 3.000-21.000 | 1.5 | |
| M32-FAV | 60 | • 190 | 24 | 32 | 11 | 8.5 | 8 | 22 | 176 | 291 | 42 | 3'000 | | 2.2 | |
| M32-FAV | 60 | • 355 | 24 | 32 | 11 | 8.5 | 8 | 22 | 176 | 291 | 42 | 3'000 | | 2.2 | |
| M32-FAV | 60 | • 455 | 24 | 32 | 11 | 8.5 | 8 | 22 | 176 | 291 | 42 | 3'000 | | 2.2 | |
| M32-FAV | 80 | • 220 | 34 | 45 | 13 | 11 | 10 | 30 | 194 | 416 | 42 | | 3.000-15.000 | 3.0 | |
| M32-FAV | 80 | • 220 | 34 | 45 | 13 | 11 | 10 | 30 | 194 | 346 | 42 | 3'000 | | 3.0 | |
| M32-FAV | 80 | • 405 | 34 | 45 | 13 | 11 | 10 | 30 | 194 | 346 | 42 | 3'000 | | 3.0 | |
| M32-FAV | 80 | • 585 | 34 | 45 | 13 | 11 | 10 | 30 | 194 | 346 | 42 | 3'000 | | 3.0 | |
| M34-FAV | 100 | • 285 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 366 | 51 | 1'500 | | 4.0 | |
| M32-FAV | 100 | • 285 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 460 | 51 | | 3.000-12.000 | 4.0 | |
| M32-FAV | 100 | • 285 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 366 | 51 | 3'000 | | 4.0 | |
| M32-FAV | 100 | • 400 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 366 | 51 | 3'000 | | 4.0 | |
| M32-FAV | 100 | • 570 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 366 | 51 | 3'000 | | 4.0 | |
| M32-FAV | 100 | • 740 | 48 | 65 | 13 | 11 | 10 | 41 | 218 | 366 | 51 | 3'000 | | 4.0 | |
| M34-FAV | 120 | • 326 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 447 | 66 | 1'500 | | 7.5 | |
| M32-FAV | 120 | • 326 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 490 | 66 | | 3.000-8.000 | 5.5 | |
| M32-FAV | 120 | • 326 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 409 | 66 | 3'000 | | 5.5 | |
| M32-FAV | 120 | • 440 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 409 | 66 | 3'000 | | 5.5 | |
| M32-FAV | 120 | • 740 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 409 | 66 | 3'000 | | 5.5 | |
| M32-FAV | 120 | • 940 | 54 | 72 | 13 | 11 | 14 | 46 | 258 | 409 | 66 | 3'000 | | 5.5 | |

Direction of rotation to R or L (please specify without fail when ordering)

Sample order M32-FAVY40R150 or M32-FAVY40L150 and specify Speed / Power

