

Fortuna FAV series

Extra-long spindles with cylindrical spindle bush for belt drive

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.

- 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
- Diameter to length ratio of up to 1:15 possible

Options/special solutions:

- Right/left protection
- Air seal
- Other Dimensions and versions on request



| Description | | Clamping length | | | Dimensions [mm] | | | | | | | | | | | | | | Max. Speed |
|-------------|-----|-----------------|------|------|-----------------|----|------|----|----|----|-----|----|----|------|----|-----|-----|-------|------------|
| Type | D | L | L1 | Type | K | K1 | S | S1 | U | Y | R | O | f | i | g | h | SW | [rpm] | |
| FAV | 36 | • | 355 | 337 | B | 11 | 11 | 18 | 18 | 6 | 4.5 | 6 | 7 | 5.3 | 15 | 4.5 | M5 | 9 | 18'000 |
| FAV | 40 | • | 400 | 382 | B | 14 | 13.6 | 22 | 19 | 7 | 5.5 | 10 | 7 | 6.3 | 17 | 5 | M6 | 12 | 16'000 |
| FAV | 45 | • | 400 | 382 | B | 14 | 13.6 | 22 | 19 | 7 | 5.5 | 10 | 7 | 6.3 | 17 | 5 | M6 | 12 | 16'000 |
| FAV | 50 | • | 400 | 377 | B | 16 | 16 | 25 | 25 | 8 | 6.5 | 8 | 8 | 6.3 | 17 | 5 | M6 | 14 | 16'000 |
| FAV | 50 | • | 500 | 477 | B | 16 | 16 | 25 | 25 | 8 | 6.5 | 8 | 8 | 6.3 | 17 | 5 | M6 | 14 | 12'000 |
| FAV | 60 | • | 500 | 477 | B | 24 | 23.6 | 32 | 29 | 11 | 8.5 | 14 | 8 | 8.3 | 22 | 5.5 | M8 | 22 | 16'000 |
| FAV | 60 | • | 630 | 607 | B | 24 | 24 | 32 | 32 | 11 | 8.5 | 11 | 8 | 8.3 | 22 | 5.5 | M8 | 22 | 16'000 |
| FAV | 80 | • | 500 | 477 | B | 34 | 34 | 45 | 45 | 13 | 11 | 13 | 10 | 12.3 | 30 | 8 | M12 | 30 | 15'000 |
| FAV | 80 | • | 630 | 607 | B | 34 | 34 | 45 | 45 | 13 | 11 | 13 | 10 | 12.3 | 30 | 8 | M12 | 30 | 12'000 |
| FAV | 80 | • | 800 | 777 | B | 34 | 34 | 45 | 45 | 13 | 11 | 13 | 10 | 12.3 | 30 | 8 | M12 | 30 | 9'000 |
| FAV | 100 | • | 630 | 607 | A | 48 | 48 | 65 | 65 | 13 | 11 | 3 | 10 | 12.3 | 30 | 8 | M12 | 41 | 10'000 |
| FAV | 100 | • | 1000 | 977 | B | 48 | 48 | 65 | 65 | 13 | 11 | 13 | 10 | 12.3 | 30 | 8 | M12 | 41 | 6'000 |
| FAV | 100 | • | 1250 | 1227 | B | 48 | 48 | 65 | 65 | 13 | 11 | 13 | 10 | 12.3 | 30 | 8 | M12 | 41 | 5'000 |
| FAV | 120 | • | 800 | 772 | B | 54 | 54 | 72 | 72 | 13 | 11 | 13 | 14 | 12.3 | 30 | 8 | M12 | 46 | 7'000 |
| FAV | 120 | • | 1250 | 1222 | B | 54 | 54 | 72 | 72 | 13 | 11 | 13 | 14 | 12.3 | 30 | 8 | M12 | 46 | 5'000 |

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

Sample order: FAV36R355 or FAV36L355

