



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.

## M34 series

High-performance grinding spindles with a water-cooled asynchronous 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 with air seal
- Spindles are completely dynamically balanced
- Taper true running  $\leq 0.002$  mm
- Drive via frequency converter
- Diameter to length ratio of up to 1:15 possible

### Options/special solutions:

- Right/left protection, manual HSK tool interface
- Other Dimensions, motor specifications and versions on request

## M34 models

Description	Dimensions [mm]										max. Speed [rpm]	max. Power kW (S1)
	Type	D. D1	L	L1	L2	K	S	U	O	SW		
M34-FAVY	36.120	•	440	220	220	11	18	6	7	9	20'000	3,0
M34-FAVY	36.120	•	520	300	220	11	18	6	7	9	20'000	3,0
M34-FAVY	42.120	•	600	380	220	11	18	6	7	9	20'000	3,0
M34-FAVY	45.120	•	780	540	240	11	18	6	7	9	20'000	3,0
M34-FAVY	50.120	•	490	250	240	16	25	8	8	14	20'000	4,0
M34-FAVY	50.120	•	570	350	220	16	25	8	8	14	20'000	3,0
M34-FAVY	60.120	•	490	250	240	24	32	11	8	22	12'000	4,0
M34-FAVY	60.120	•	620	380	240	24	32	11	8	22	12'000	4,0
M34-FAVY	60.120	•	690	450	240	24	32	11	8	22	12'000	4,0
M34-FAVY	60.120	•	740	500	240	24	32	11	8	22	12'000	4,0
M34-FAVY	70.120	•	660	420	240	28	40	11	8	24	15'000	4,0
M34-FAVY	100.120	•	590	350	240	34	45	13	10	30	20'000	4,0
M34-FAVY	100.120	•	620	380	240	34	45	13	10	30	20'000	4,0

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

Sample order: M34-FAVY36.120R440 or M34-FAVY36.120L440

