

Fortuna M32/34 series

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

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.

- 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



Description		Dimensions [mm]								Motor + Motorflange			Speed [rpm] for Spindle with		max. Power
Type	D	L	K	S	U	Y	O	SW	D1	L1	C	Standard cooling	Fan cooling	[kW]	
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

