



FISCHER HIGH-SPEED SPINDLES FEZP-120... and FEZP-140...

FEZP high-speed spindles with for high-speed grinding on wood and plastics processing machines

- Robust bearings
- Excellent spindle shaft sealing
- Dependable water cooling
- Direct-mount housing
- Designed to accommodate a C-axis and driven tools



Type		FEZPS-120/120x280	FEZPS-120/120x280	FEZPS-140/130x167	FEZPS-140/130x167
Diameter Ø	Ø mm	Ø 120/120	Ø 120/120	Ø 140/130	Ø 140/130
Length	~ mm	~ 280	~ 280	~167	~167
Operation position	⇐⇓⇒	⇐⇓⇒	⇐⇓⇒	⇐⇓⇒	⇐⇓⇒
Motor	Poles	4	4	4	4
Rotation	⇐⇒	⇐⇒	⇐⇒	⇐⇒	⇐⇒
Frequency	Hz	600	1000	600	800
Max. speed	Rpm / Min ⁻¹	18000	30000	18000	24000
Power S1 100% / S6 60% (P)	KW	3.4-8 / 4-9.6	3.4-11-11 / 4-13-13	0.65-5.5-5.5 / .78-7.5-7.5	0.65-5.5-3 / 0.78-7.5-5.5
at speed	Rpm / Min ⁻¹	9000-18000	9000-24000-30000	1700-13500-18000	1700-13500-24000
Torque S1 100% / S6 60% (M)	Nm	3.6-4.3 / 4.3-5.1	3.6-4.4-3.5 / 4.3-5.2-4.2	3.7-3.9-2.9 / 4.4-5.3-4	3.7-3.9-1.2 / 4.4-5.3-2.2
at speed	Rpm / Min ⁻¹	9000-18000	9000-24000-30000	1700-13500-18000	1700-13500-24000
Taper		HSK F-63	HSK F-63	HSK F-63	HSK F-63
Clamping force (static)	N	11000	11000	11000	11000
Tool detection		By sensors	By sensors	By sensors	By sensors
Taper blow out		By air 0.5/1	By air 0.5/1	By air 0.5-1	By air 0.5-1
Lubrication system		Grease	Grease	Grease	Grease
Front seal		By air curtain	By air curtain	By air curtain	By air curtain
Cooling system		Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling