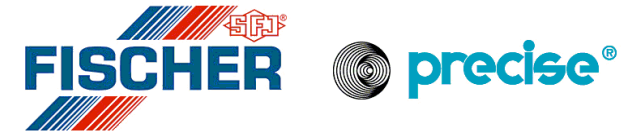


Spindle Catalog



Article No.	.	104527	106900	105454
Spindle name	.	MFW-2104/24/4 VC HSK-A63	MFW-2120/30/1 VC HSK-F80/A63	MFW-2104/24/6 VC HSK-A63
Toolinterface	.	HSK-A63	HSK-A63	HSK-A63
Tool clamping system	.	hydraulic	hydraulic	hydraulic
Diameter	mm	213	210	213
Length	mm	501	525	605
Weight	kg	91	80	95
Operating position	.	any (tooladapter down)	any	any (tooladapter down)
Sense of rotation	.	left + right	left + right	left + right
Speed max.	rpm	24000	30000	24000
Frequency	Hz	800	1000	800
Power S1	kW	29	60	29
Speed fieldweakening	rpm	4000	20000	4000
Torque S1	Nm	66.7	29	66.7
Voltage S1 max.	V	350	380	350
Current S1 max.	A	66	123	66
Motor type	.	AC async star	AC async star	AC async star
Bearing lubrication	.	oil-air (DLS)	oil-air (DLS)	oil-air (DLS)
Frontseal pressure	bar	2-3	2-3	2-3
Spindle cooling system	.	front + motor + rear	front + motor + rear	front + motor + rear
Spindle cooling medium	.	water- or oilbased fluid	waterbased fluid	water- or oilbased fluid
Spindle shaft cooling	.	no	no	yes
Speed control	.	vector control	vector control	vector control

