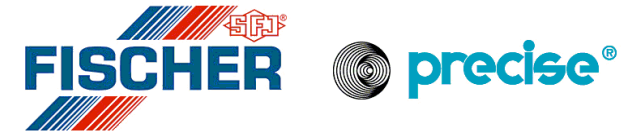


## Spindle Catalog



Article No.	.	102381	102058	107002
Spindle name	.	<b>MFW-1024/40/5 VC HSK-E32 Hydr</b>	<b>MFW-1024/40/1 VC HSK-E32 Pneu</b>	<b>MFW-1024/40/10 HSK-E25 Pneu</b>
Toolinterface	.	HSK-E32	HSK-E32	HSK-E25
Tool clamping system	.	hydraulic	pneumatic	pneumatic
Diameter	mm	100	100	100
Length	mm	339.1	498.8	498
Weight	kg	13.1	14.6	20
Operating position	.	any (tooladapter down)	any (tooladapter down)	vertical (tooladapter down)
Sense of rotation	.	left + right	left + right	right
Speed max.	rpm	40000	40000	40000
Frequency	Hz	1334	1334	1334
Power S1	kW	6	6	4.7
Speed fieldweakening	rpm	24000	24000	24000
Torque S1	Nm	2.4	2.4	1.8
Voltage S1 max.	V	350	350	200
Current S1 max.	A	19	19	33
Motor type	.	AC async star	AC async star	AC async triangle
Bearing lubrication	.	grease	grease	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	oil
Spindle shaft cooling	.	no	no	no
Speed control	.	vector control	vector control	sensor S1

