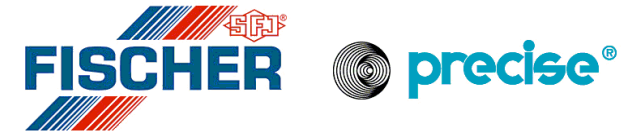
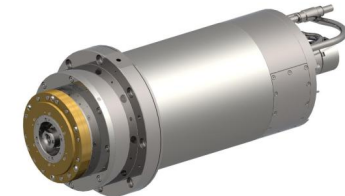
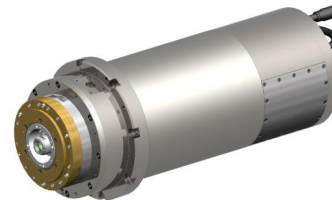


Spindle Catalog



Article No.	.	52730-000	101828	104010
Spindle name	.	MFW-1740/1 VC HSK-F63	MFWS-1709/30/44 VC HSK-A63	MFW-1718/30/7 VCU HSK-A63
Toolinterface	.	HSK-F63	HSK-A63	HSK-A63
Tool clamping system	.	hydraulic	hydraulic	hydraulic
Diameter	mm	170	170	170
Length	mm	450	465	415
Weight	kg	50	51	53.5
Operating position	.	any	any	any (tooladapter down)
Sense of rotation	.	left + right	left + right	left + right
Speed max.	rpm	40000	30000	30000
Frequency	Hz	1334	1000	1000
Power S1	kW	40	20	42
Speed fieldweakening	rpm	40000	9000	18000
Torque S1	Nm	9.55	21.2	22.3
Voltage S1 max.	V	380	350	350
Current S1 max.	A	83	56	96
Motor type	.	AC async triangle	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	.	waterbased fluid	waterbased fluid	waterbased fluid
Spindle shaft cooling	.	no	no	no
Speed control	.	vector control	vector control	vector control



Spindle Catalog

Article No.	.	103950
Spindle name	.	MFW-1716/2 VCS HSK-A/E63
Toolinterface	.	HSK-A63
Tool clamping system	.	hydraulic
Diameter	mm	170
Length	mm	411
Weight	kg	45
Operating position	.	any
Sense of rotation	.	left + right
Speed max.	rpm	16000
Frequency	Hz	534
Power S1	kW	27
Speed fieldweakening	rpm	16000
Torque S1	Nm	16
Voltage S1 max.	V	380
Current S1 max.	A	62
Motor type	.	AC async star
Bearing lubrication	.	grease
Frontseal pressure	bar	2-3
Spindle cooling system	.	front + motor
Spindle cooling medium	.	waterbased fluid
Spindle shaft cooling	.	no
Speed control	.	vector control

