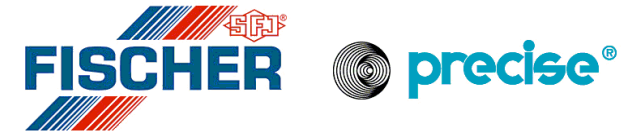


## Spindle Catalog



Article No.	.	108248	107276	104760
Spindle name	.	<b>MFW-2401/18/5 VC HSK-A80</b>	<b>MFW-2401/18/4 VC HSK-A63</b>	<b>MFW-2401/20/1 VC HSK-A80</b>
Toolinterface	.	HSK-A80	HSK-A63	HSK-A80
Tool clamping system	.	hydraulic	hydraulic	hydraulic
Diameter	mm	240	240	240
Length	mm	787	787	787
Weight	kg	186	185	186
Operating position	.	any (tooladapter down)	any (tooladapter down)	any (tooladapter down)
Sense of rotation	.	left + right	left + right	left + right
Speed max.	rpm	18000	18000	20000
Frequency	Hz	600	600	667
Power S1	kW	20	20	20
Speed fieldweakening	rpm	1000	1000	1000
Torque S1	Nm	166	166	166
Voltage S1 max.	V	380	380	380
Current S1 max.	A	116	116	116
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	.	waterbased fluid	waterbased fluid	waterbased fluid
Spindle shaft cooling	.	no	no	no
Speed control	.	vector control	vector control	vector control



## Spindle Catalog

Article No.	.	104141	104140
Spindle name	.	<b>MFW-2401/15/2 VC HSK-A80</b>	<b>MFW-2401/15/1 VC HSK-A63</b>
Toolinterface	.	HSK-A80	HSK-A63
Tool clamping system	.	hydraulic	hydraulic
Diameter	mm	240	240
Length	mm	787	787
Weight	kg	185	185
Operating position	.	any (tooladapter down)	any (tooladapter down)
Sense of rotation	.	left + right	left + right
Speed max.	rpm	15000	15000
Frequency	Hz	500	500
Power S1	kW	20	20
Speed fieldweakening	rpm	1000	1000
Torque S1	Nm	166	166
Voltage S1 max.	V	380	380
Current S1 max.	A	116	116
Motor type	.	AC async star	AC async star
Bearing lubrication	.	grease	grease
Frontseal pressure	bar	2-3	2-3
Spindle cooling system	.	front + motor + rear	front + motor + rear
Spindle cooling medium	.	waterbased fluid	waterbased fluid
Spindle shaft cooling	.	no	no
Speed control	.	vector control	vector control

