

Spindle Catalog

Article No.	.	107055	106637
Spindle name	.	MFW-2801/16/1 VC HSK-A63	MFW-2801/14/1 VC HSK-A100
Toolinterface	.	HSK-A63	HSK-A100
Tool clamping system	.	hydraulic	hydraulic
Diameter	mm	280	280
Length	mm	686	921
Weight	kg	180	300
Operating position	.	vertical (tooladapter down)	vertical (tooladapter down)
Sense of rotation	.	left + right	left + right
Speed max.	rpm	16000	14000
Frequency	Hz	800	700
Power S1	kW	28	32
Speed fieldweakening	rpm	1350	1000
Torque S1	Nm	200	305
Voltage S1 max.	V	420	420
Current S1 max.	A	101	84
Motor type	.	AC async star	AC async star
Bearing lubrication	.	grease	oil-air (DLS)
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

