

Spindle Catalog



Article No.	.	108546	107967	105725
Spindle name	.	MFW-2702/8 VC HSK-A100	MFW-2715/20/1 VC HSK-A100	MFW-2701/15/2 VC HSK-A100
Toolinterface	.	HSK-A100	HSK-A100	HSK-A100
Tool clamping system	.	hydraulic	hydraulic	hydraulic
Diameter	mm	275	275	275
Length	mm	670.5	573	675.5
Weight	kg	250	180	250
Operating position	.	any (tooladapter down)	any	any (tooladapter down)
Sense of rotation	.	left + right	left + right	left + right
Speed max.	rpm	8000	20000	15000
Frequency	Hz	667	667	1000
Power S1	kW	93	150	63
Speed fieldweakening	rpm	2000	8200	2000
Torque S1	Nm	445	105	300
Voltage S1 max.	V	400	438	400
Current S1 max.	A	185	224	182
Motor type	.	AC async star	AC sync star	AC async triangle-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	water- or oilbased fluid
Spindle shaft cooling	.	no	no	no
Speed control	.	vector control	vector control	vector control

