

THE DRESSING SPINDLE FAMILY FROM MEYRAT

MDS - MEYRAT DRESSING SPINDLES

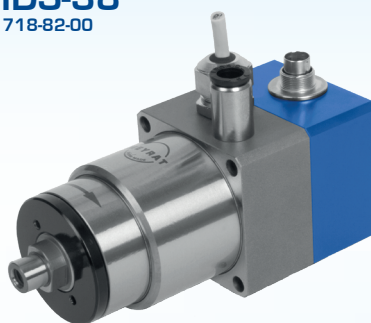
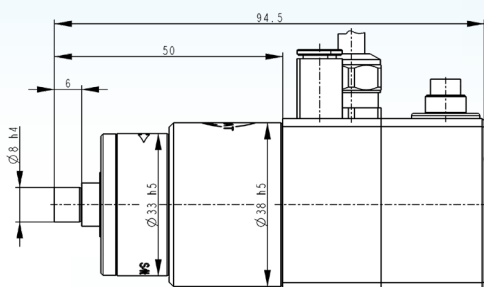
The new spindle family of Ø 38-45-58-72-76-78 mm includes the perfect combination of technology and characteristics for high-precision dressing and grinding applications.

Available with both asynchronous and synchronous motor with very high power up to max. 25'000 rpm. Optionally, the spindles can be equipped with Acoustic Emission Sensors (AE sensor). This makes the MDS spindle family definitely the ideal tool for dressing and grinding with:

- Minimal maintenance thanks to lifetime greased ball bearings
- Simplified integration and installation thanks to its conception
- High performance due to high torque
- High rigidity due to design

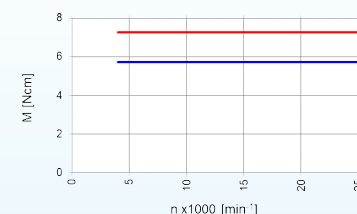
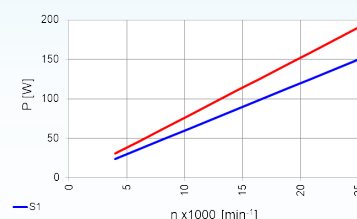
MDS-38

718-82-00



PERFORMANCES DIAGRAMS

718-08-00 / 718-82-00

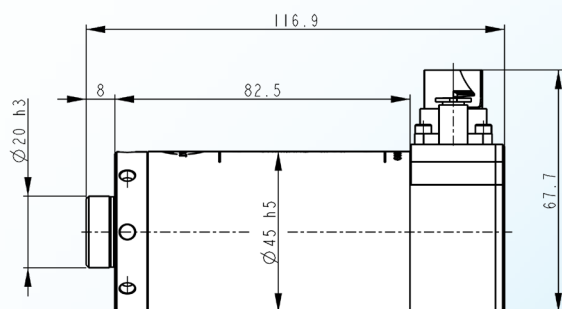


STANDARD MDS	38 mm	78 mm	Radial	Synchronous	25'000 rpm	Ø8 h4	S1=150 W S6=190 W	S1=5.7 Ncm S6=7.3 Ncm	Grease	Air cooling AE-Sensor* Dittel Marposs Blü Air cooling	718-08-00 718-82-00
		94.5 mm									

* Structure-sensors
(acoustic emissions)

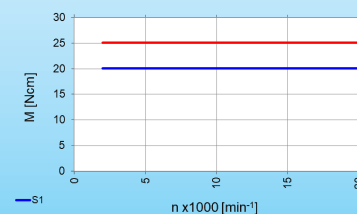
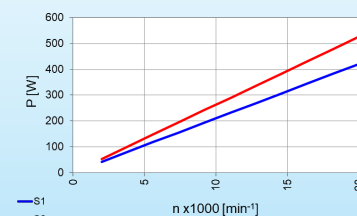
MDS-45

718-56-00



PERFORMANCES DIAGRAMS

718-56-00



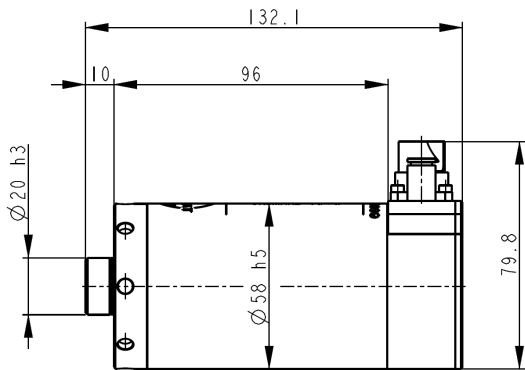
STANDARD MDS	45 mm	116.9 mm	Radial	Synchronous	20'000 rpm	Ø20 h3	S1=400 W S6=500 W	S1=20.1 Ncm S6=25.1 Ncm	Grease	Air cooling	718-56-00

Solutions with AE sensor
(acoustic emissions)
currently under development

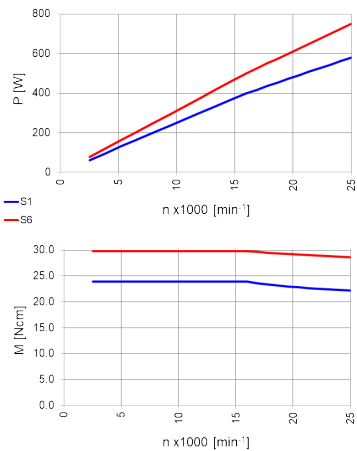
Spindle family for dressing



MDS-58 173-37-00



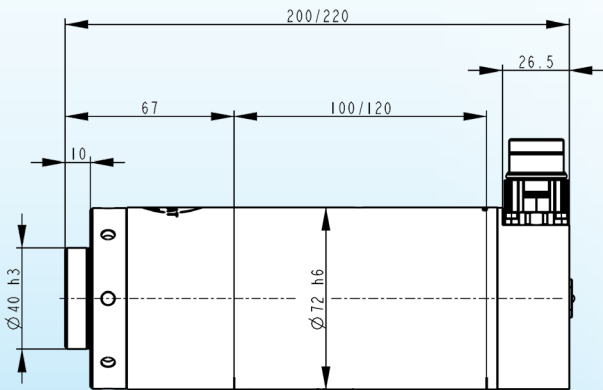
PERFORMANCES DIAGRAMS 173-37-00 / 173-46-00 173-34-00 / 173-36-00



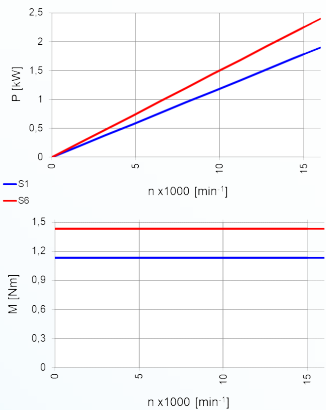
STANDARD MDS	58 mm	132.1 mm	Radial	Synchronous	25'000 rpm	Ø20 h3	S1=580 W S6=750 W	S1=23.9 Ncm S6=29.8 Ncm	Grease	Air cooling	173-37-00
		159.8 mm								AE-Sensor*	
		146.5 mm								Dittel Marposs Blü	173-46-00
		147.1 mm								Accretech SBS	173-34-00
										Elaso Greenline	173-36-00
										Air cooling	

* Structure-sensors
(acoustic emissions)

MDS-72 718-05-00



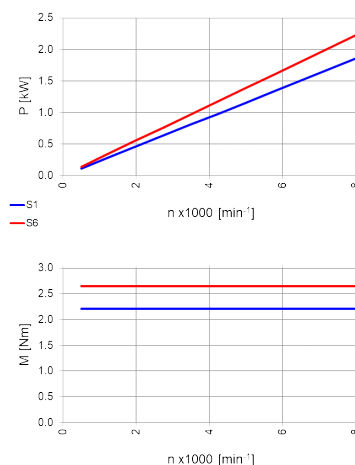
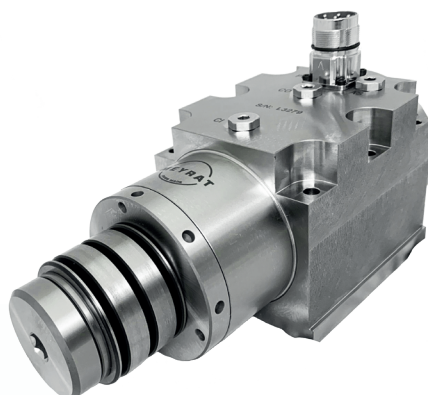
PERFORMANCES DIAGRAMS 718-05-00 / 718-39-00 718-33-00 / 718-25-00 718-75-00



STANDARD MDS	72 mm	220 mm	Radial	Synchronous	16'000 rpm	Ø40 h3	S1=2.6 KW S6=3.2 KW	S1=1.8 Nm S6=2.1 Nm	Grease	Air cooling	718-05-00
		247.7 mm								AE-Sensor*	
		240 mm								Dittel Marposs Blü	718-39-00
		240 mm								Accretech SBS	718-25-00
		240 mm								Balance Systems	718-33-00
										Elaso Greenline	718-75-00
										Air cooling	
		200 mm								Air cooling	718-50-00
		227.7 mm								AE-Sensor*	
		220 mm								Dittel Marposs Blü	718-59-00
		220 mm								Accretech SBS	718-62-00
		220 mm								Balance Systems	718-61-00
										Elaso Greenline	718-60-00
										Air cooling	

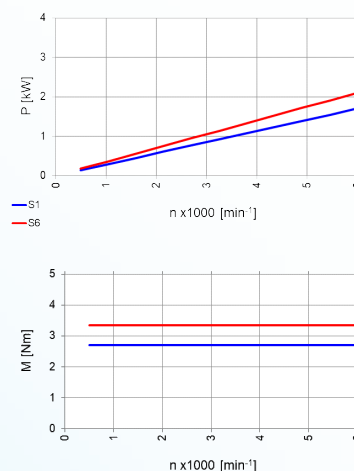
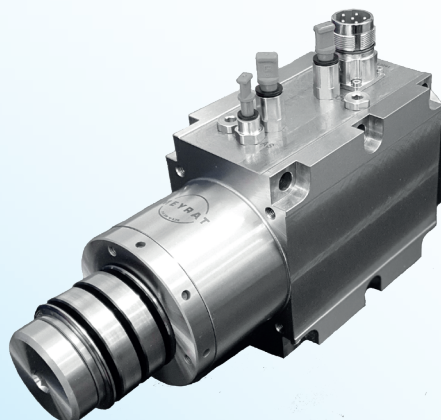
* Structure-sensors
(acoustic emissions)

PERFORMANCES DIAGRAMS
718-22-00



Solutions with AE sensors (acoustic emissions)
available on request

PERFORMANCES DIAGRAMS
718-19-00



Solutions with AE sensors (acoustic emissions) available on request



People. Passion. Precision.
Spindles since 1947. 