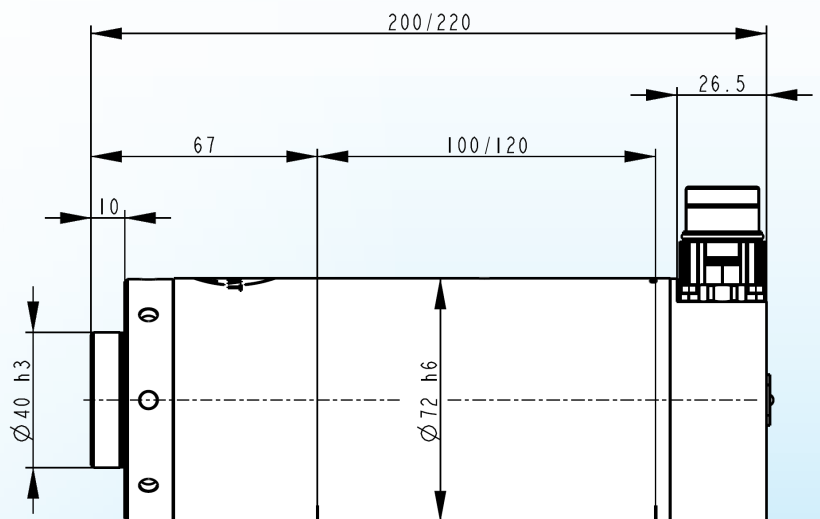


# MDS-72

## DRESSING SPINDLE FAMILY

The 72 mm dressing spindles are now all equipped with synchronous motors. This offers a constant rotation speed and makes the spindle independent of the moving mechanical load, which ensures better results. Great work has also been done on stiffness, since it's increased by 80% thanks to the new design.



The MDS-72 spindle range is divided into two sub-categories: **“STANDARD”** et **“PERFORMANCE”**

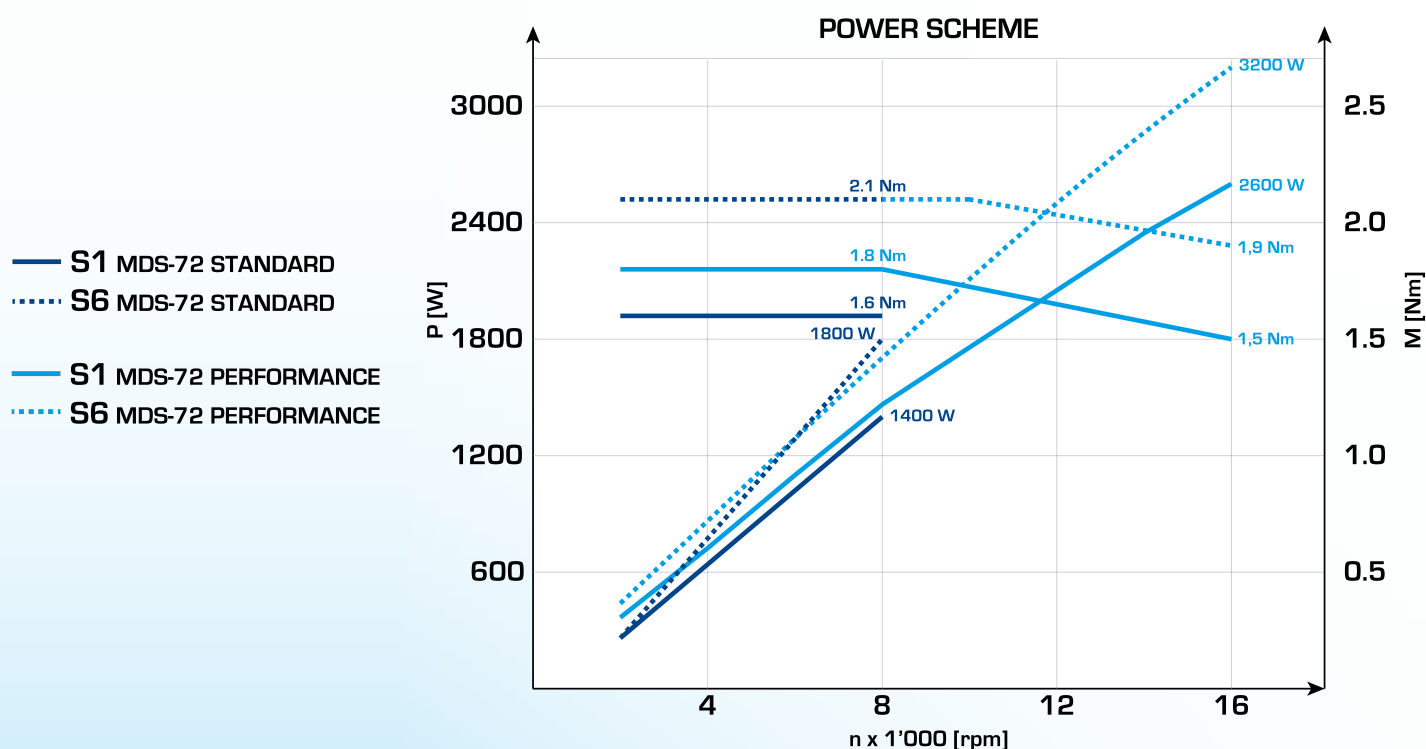


<b>STANDARD MDS</b>	<b>72 mm</b>	<b>STANDARD</b>	200 mm	8'000 rpm	Synchronous	Ø40 h3	S1 = 1400 W S6 = 1800 W	S1 = 1.6 Nm S6 = 2.1 Nm	Grease	Air cooling
		<b>PERFORMANCE</b>	220 mm	16'000 rpm			S1 = 2600 W S6 = 3200 W	S1 = 1.8 Nm S6 = 2.1 Nm		

# Synchronous MDS-72 spindles



- Synchronous motors for better machining results
- Constant rotational speeds
- Minimal maintenance thanks to lifetime greased ball bearings
- Simplified integration and installation thanks to the conception
- 4 times more torque than the previous generation
- 80% higher rigidity due to design
- Better thermal stability
- Optionally, the spindles can be equipped with Acoustic Emission Sensors: Elaso / Dittel Marposs / SBS / Balance Systems



## Acquire a spindle, but not only

The philosophy of Meyrat SA is not limited to selecting the spindle from its assortment that best corresponds to the customer's needs. The company also offers its services in defining, together with the customer, the necessary aggregates to be able to install the product. It is mainly a matter of defining the frequency variable, the appropriate parameters, the electrical extension cords, the air handling units and also consumables such as clamps, nuts, plugs, etc.

Our sales and technical team is at your disposal for any further information on the MDS spindles of 72mm. Please note that with our **custom-made spindles**, we can offer you the best solutions for all your applications.