

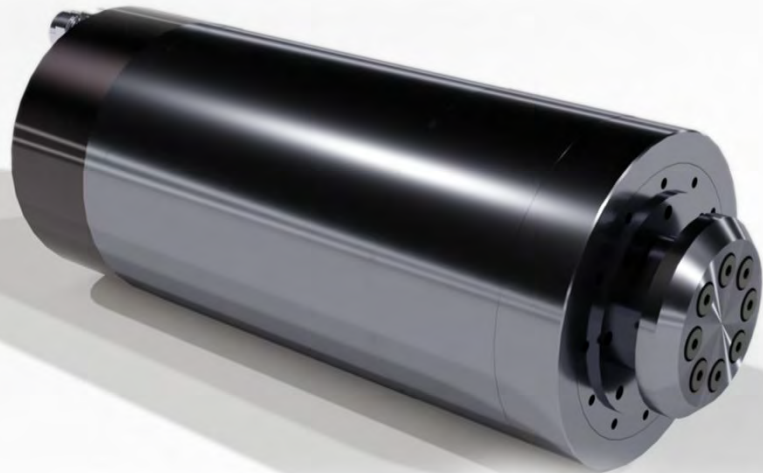
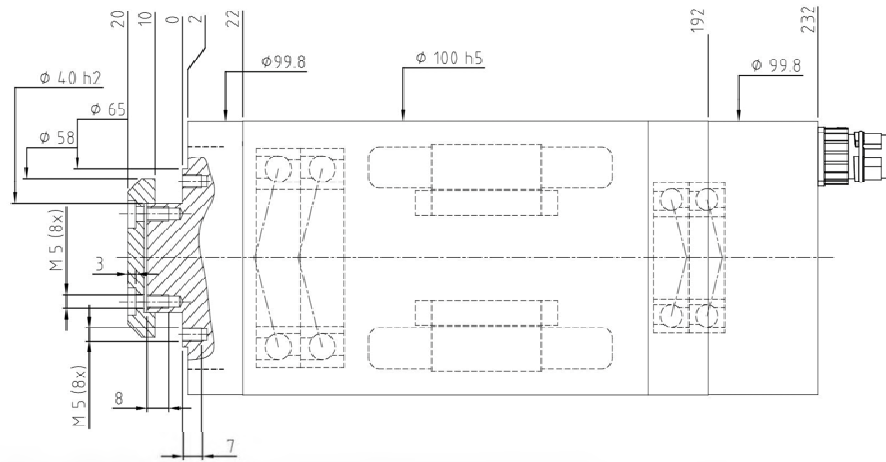
A technical line drawing of a high-precision spindle, showing concentric circles and various mounting holes. The drawing is overlaid on a dark background with a subtle geometric pattern.

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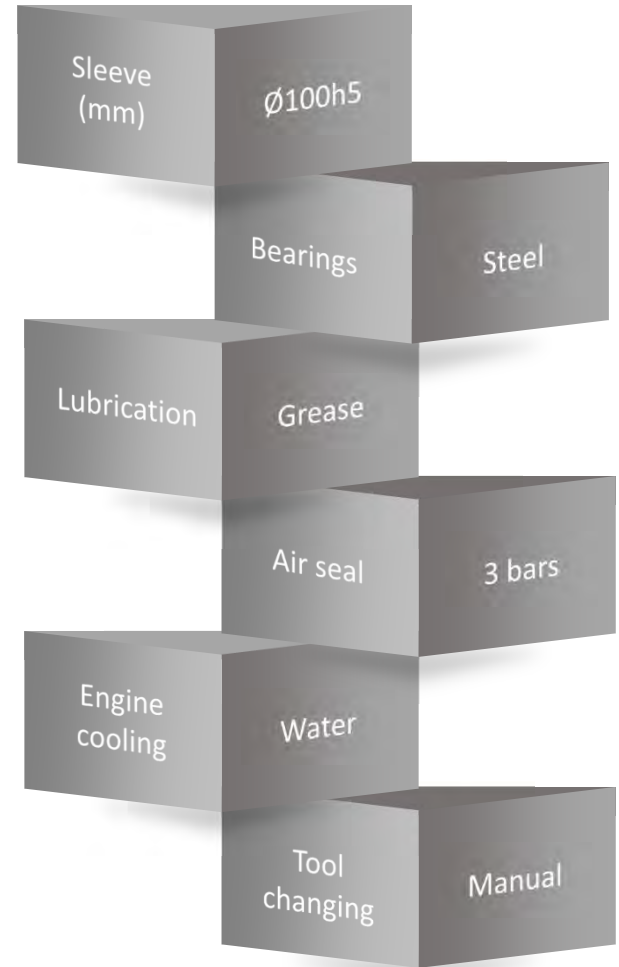
Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴

430-100230-DIA40

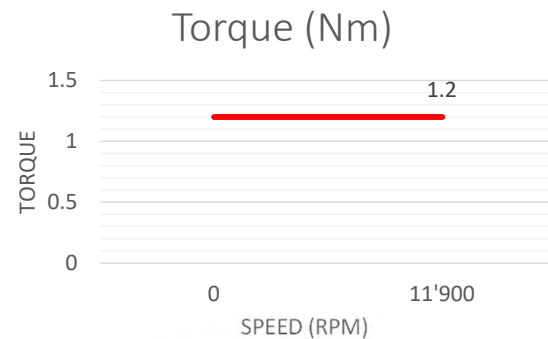
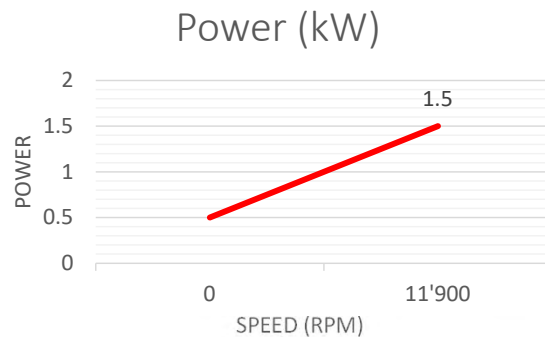
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430-100230-DIA40



Motor	Asynchronous
Number of poles	2 poles
Power (kW)	1,5
Torque (Nm)	1,2
Current (A)	3,4
Voltage (V)	400
Frequency (Hz)	208
Speed (rpm)	11'900



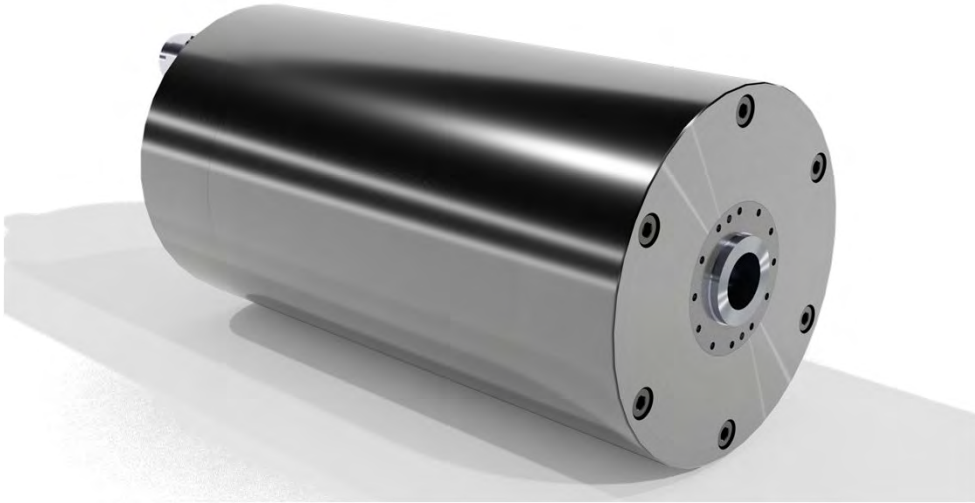
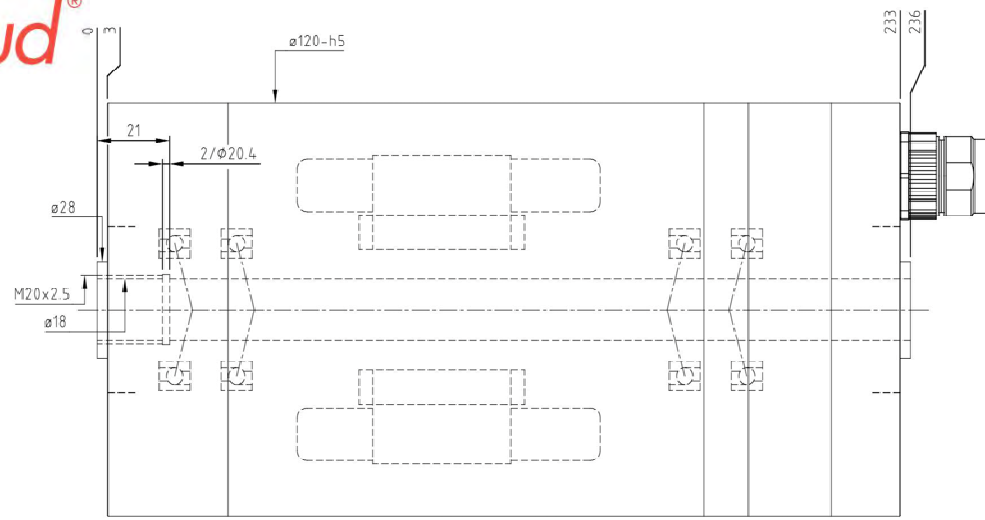
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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴

A technical line drawing of a precision spindle, showing a central shaft with a flange and six mounting holes. The drawing is overlaid on a dark background with a large, faint circular outline.

430-120230-DIA28

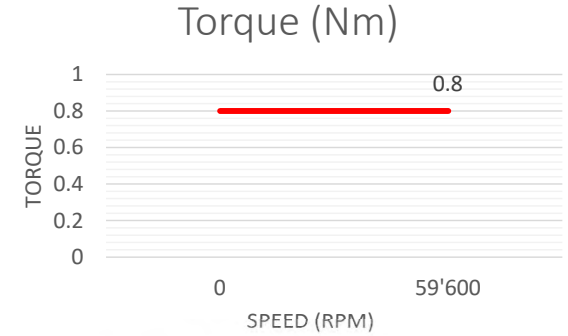
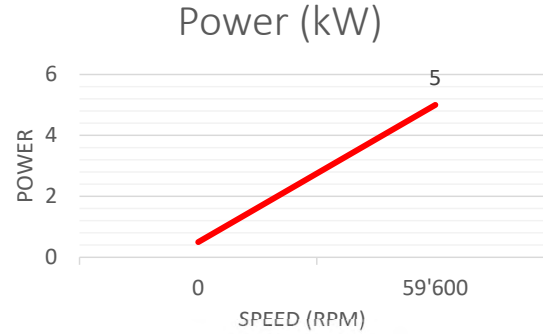
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430-120230-DIA28

Sleeve (mm)	$\phi 120h5$	
Bearings	Ceramic	
Lubrication	Air - Oil	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Leakage	yes	

Motor	Asynchronous
Number of poles	4 poles
Power (kW)	5
Torque (Nm)	0.8
Current (A)	13
Voltage (V)	380
Frequency (Hz)	2000
Speed (rpm)	59'600



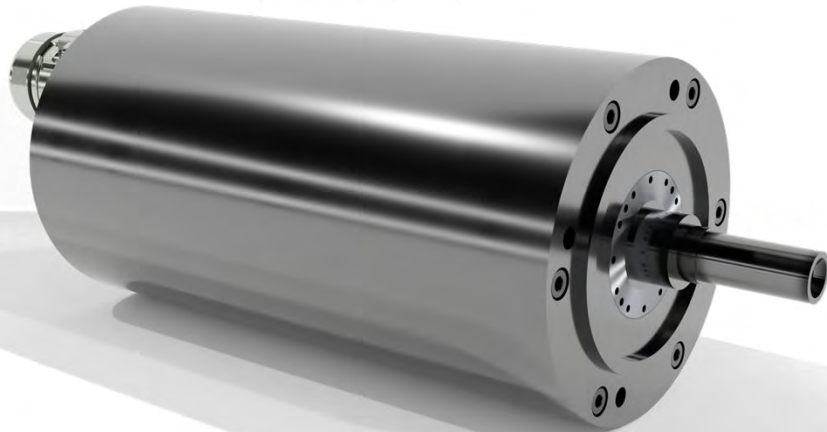
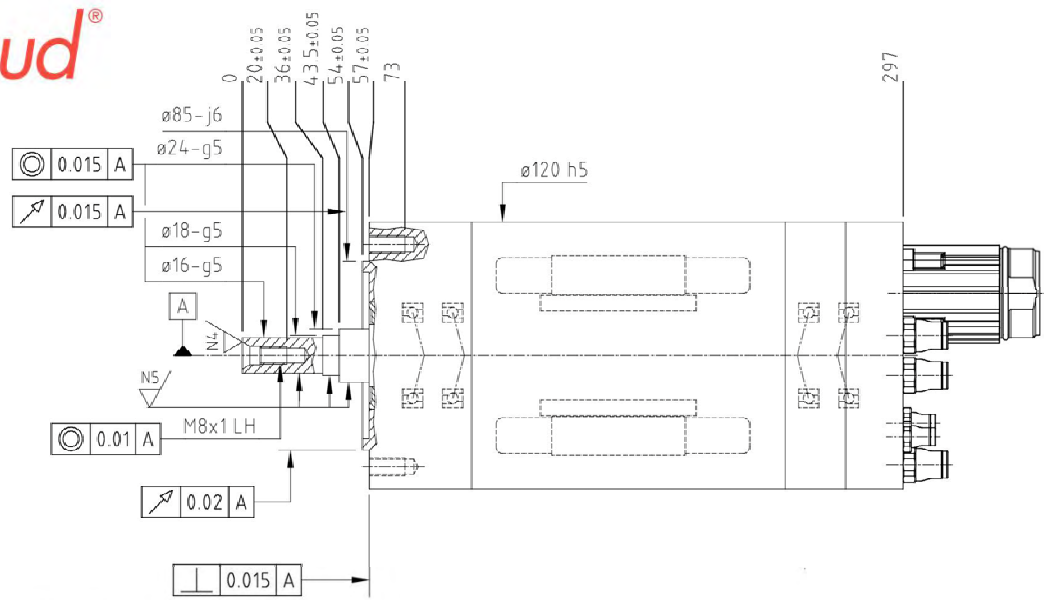
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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴

A technical line drawing of a precision spindle, showing concentric circles and mounting holes. The drawing is overlaid on a dark background with a horizontal band.

430-120240-DIA24

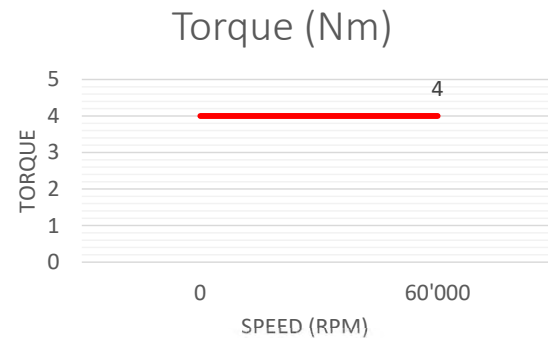
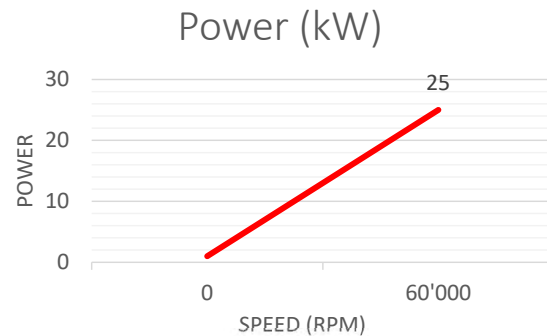
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430-120240-DIA24

Sleeve (mm)	$\varnothing 120 h5$	
Bearings	Ceramic	
Lubrication	Air - Oil	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Leakage	yes	

Motor	Synchronous
Number of poles	4 poles
Power (kW)	25
Torque (Nm)	4
Current (A)	43
Voltage (V)	388
Frequency (Hz)	2000
Speed (rpm)	60'000



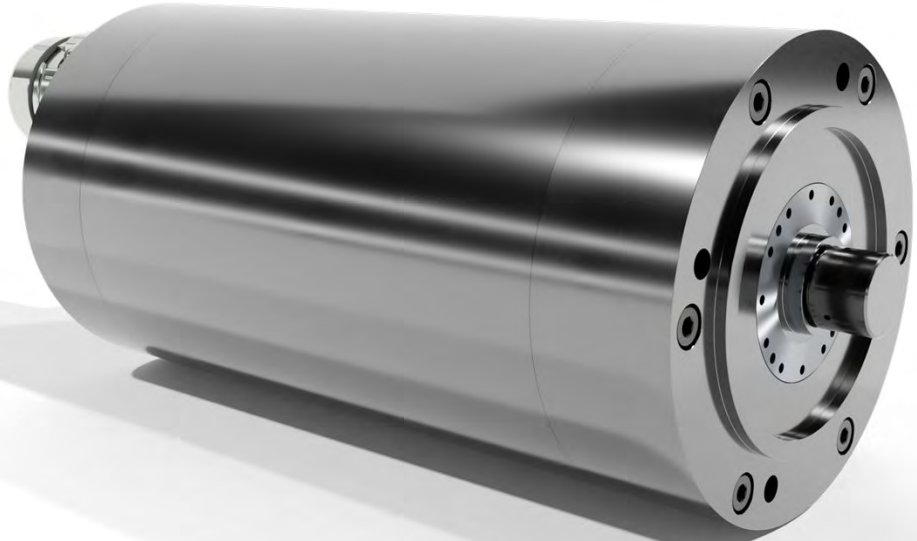
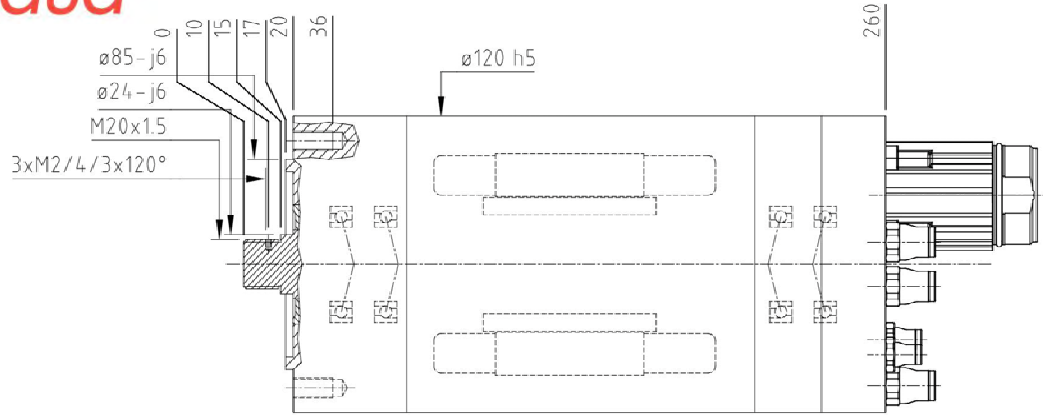
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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴

A technical line drawing of a precision spindle, showing concentric circles representing the shaft and flange, with various mounting holes and features. The drawing is overlaid on a dark background with a horizontal band.

430-120240-DIA24B

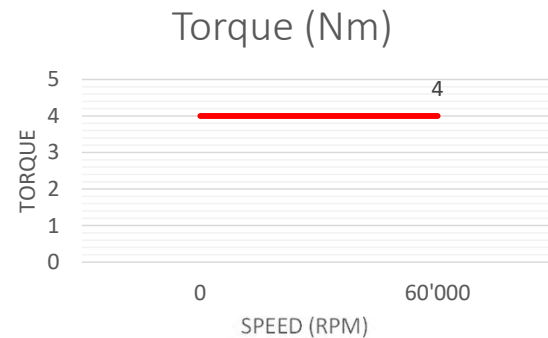
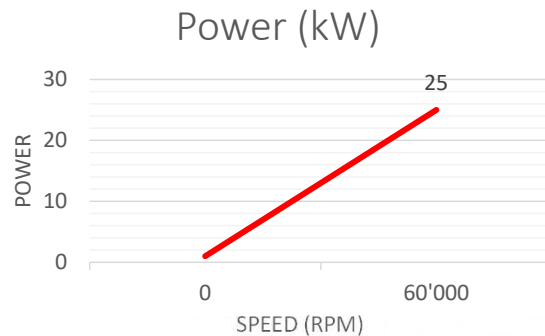
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430-120240-DIA24B

Sleeve (mm)	$\varnothing 120\text{ h5}$	
Bearings	Ceramic	
Lubrication	Air - Oil	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Leakage	yes	

Motor	Synchronous
Number of poles	4 poles
Power (kW)	25
Torque (Nm)	4
Current (A)	43
Voltage (V)	388
Frequency (Hz)	2000
Speed (rpm)	60'000



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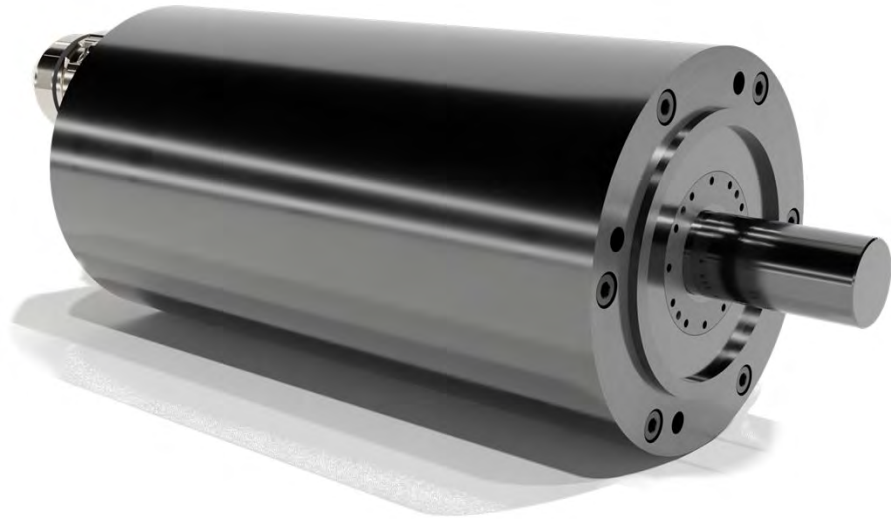
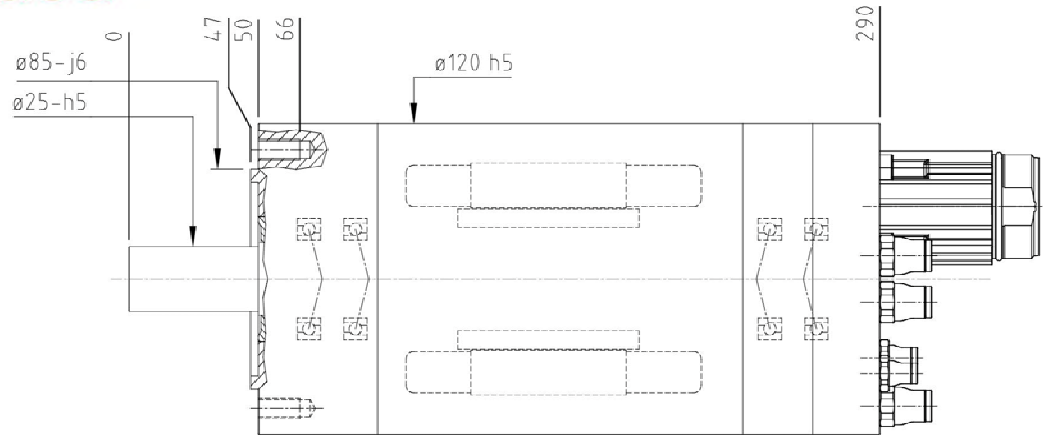
Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-120240-DIA25

The image features a technical line drawing of a precision spindle assembly. The assembly consists of a long, tapered spindle shaft on the left, which is mounted into a large, circular flange or housing on the right. The flange has several mounting holes around its perimeter and a central bore. The drawing is rendered in white lines on a dark gray background.

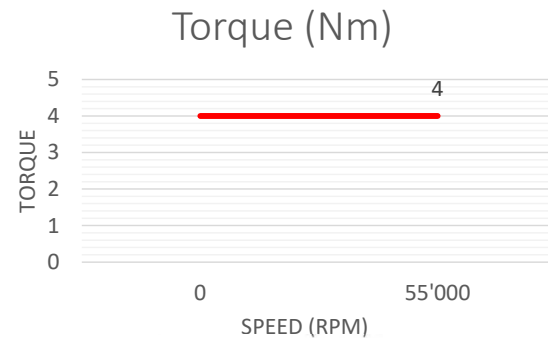
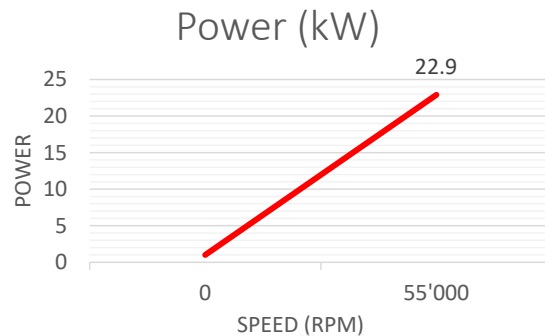
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430-120240-DIA25

Sleeve (mm)	Ø120h5	
Bearings	Ceramic	
Lubrication	Air - Oil	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Leakage	yes	

Motor	Synchronous
Number of poles	4 poles
Power (kW)	22.9
Torque (Nm)	4
Current (A)	43
Voltage (V)	356
Frequency (Hz)	1'834
Speed (rpm)	55'000



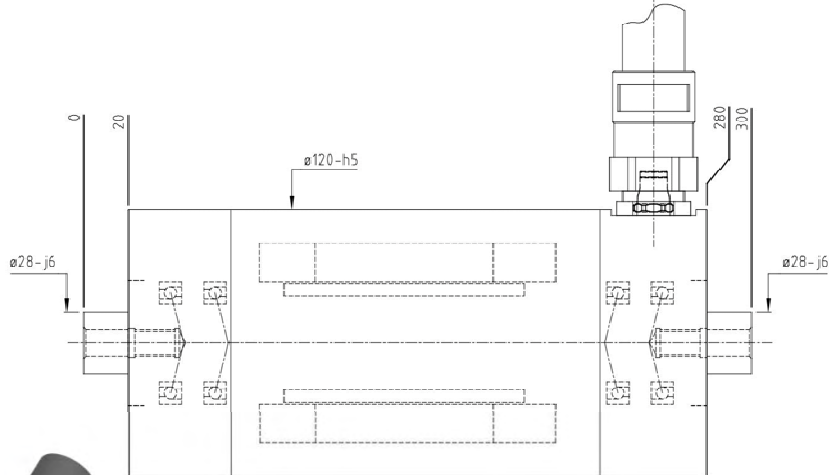
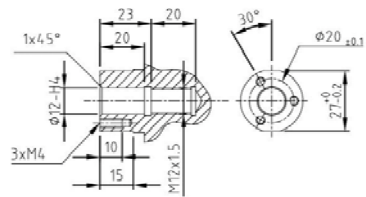
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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-120260-DIA28

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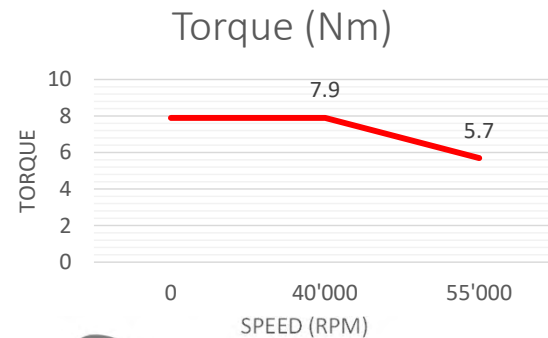
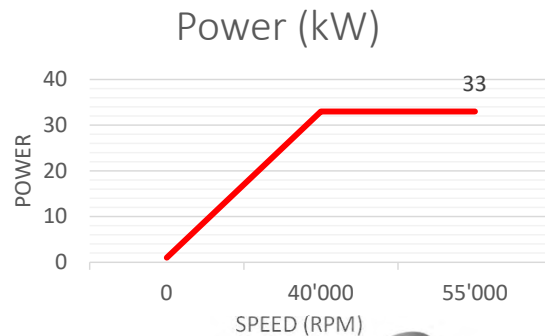


430-120260-DIA28

Sleeve (mm)	Ø120h5	
Bearings	Ceramic	
Lubrication	Air - Oil	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Leakage	yes	



Motor	Synchronous
Number of poles	4 poles
Power (kW)	33 / 33
Torque (Nm)	7.9 / 5.7
Current (A)	84 / 64
Voltage (V)	283 / 329
Frequency (Hz)	1334 / 1834
Speed (rpm)	40'000 / 55'000



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Broches de haute précision

Hochpräzisionsspindeln

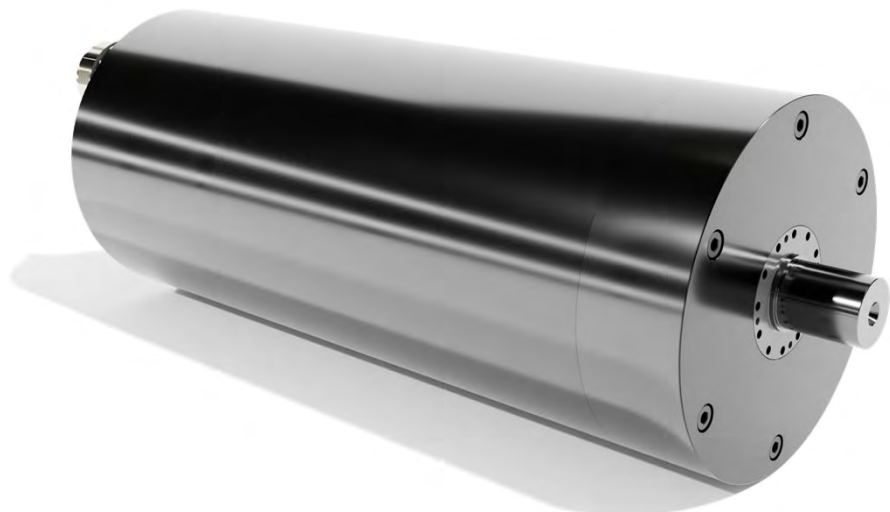
High precision spindles

高精度主轴

A technical line drawing of a high-precision spindle, model 430-140300-DIA25B. The drawing shows a cylindrical shaft with a central bore, surrounded by a flange with six mounting holes. The entire drawing is overlaid on a dark background with a light gray horizontal band.

430-140300-DIA25B

430-140300-DIA25B



Ø140h5

Ceramic

Grease

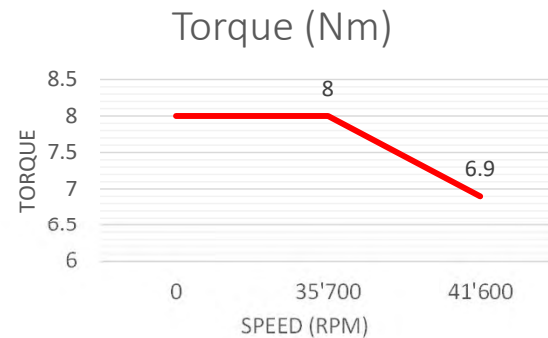
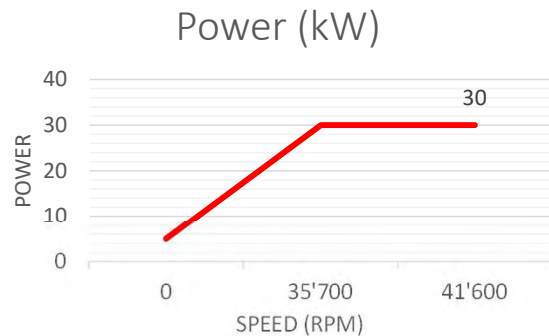
3 bars

Water

Manual

Sin,cos,zero

Motor	Asynchronous
Number of poles	4 poles
Power (kW)	30 / 30
Torque (Nm)	8 / 6.9
Current (A)	65 / 62
Voltage (V)	380 / 380
Frequency (Hz)	1'200 / 1'400
Speed (rpm)	35'700 / 41'600



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Broches de haute précision

Hochpräzisionsspindeln

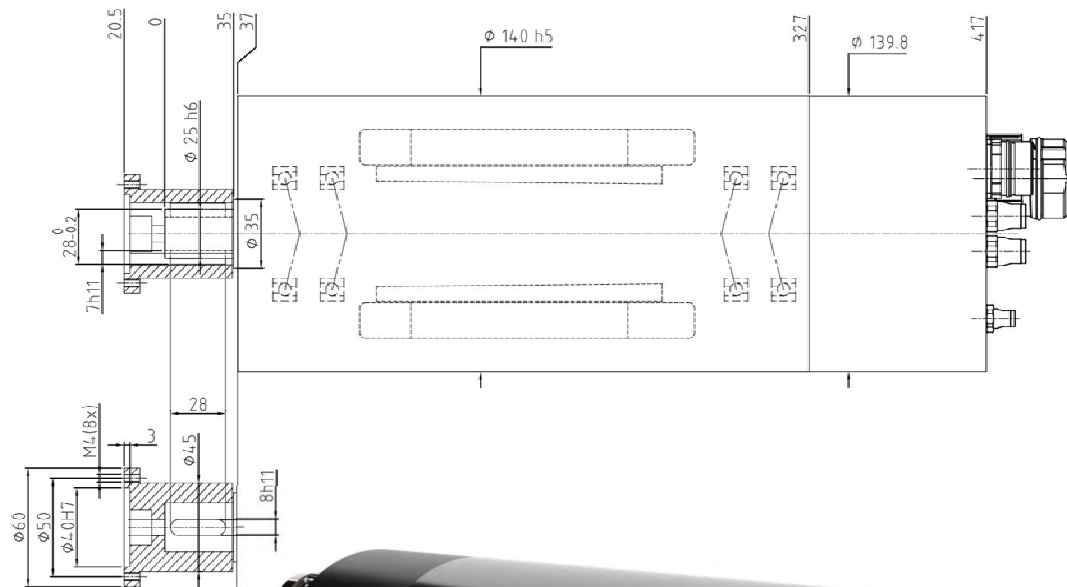
High precision spindles

高精度主轴



430-140380-DIA25

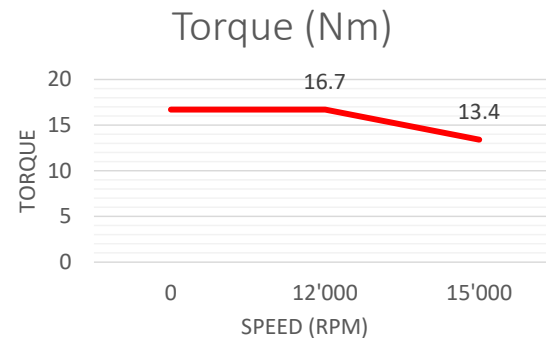
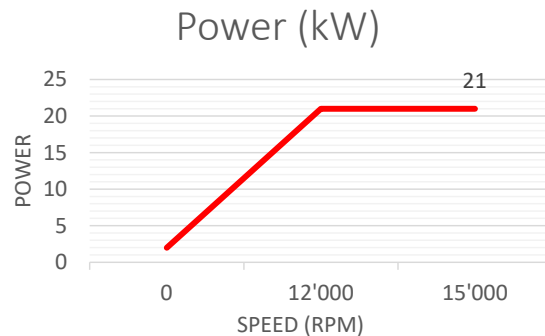
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430-1 40380-DIA25

Sleeve (mm)	Ø140h5	
Bearings	Steel	
Lubrication	Grease	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Encoder	Sin,cos,zero	

Motor	Synchronous
Number of poles	4 poles
Power (kW)	21 / 21
Torque (Nm)	16.7 / 13.4
Current (A)	37 / 32
Voltage (V)	368 / 399
Frequency (Hz)	400 / 500
Speed (rpm)	12'000 / 15'000



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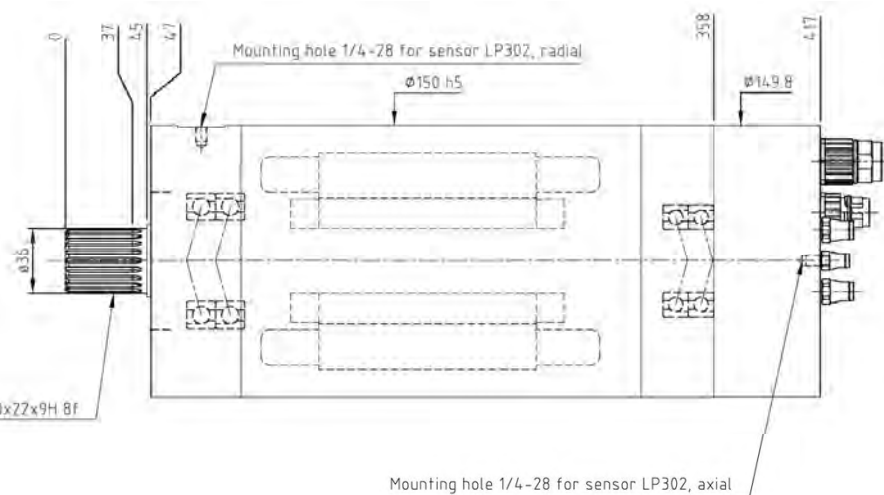
Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-150370-DIA36

The image features a technical line drawing of a high-precision spindle assembly. The drawing is centered on a dark background. It shows a cylindrical spindle with a series of longitudinal grooves or splines on its outer surface. The spindle is mounted within a larger, circular housing or flange. The flange has several mounting holes around its perimeter. The drawing is rendered in white lines, providing a clear view of the mechanical components.

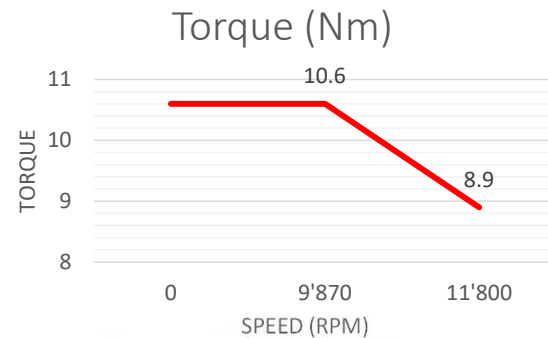
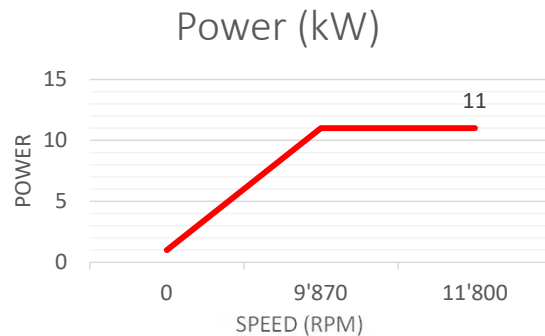
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430-150370-DIA36

Sleeve (mm)	$\phi 150\text{ h5}$	
Bearings		Steel
Lubrication	Grease	
Air seal		3 bars
Engine cooling	Water	
Tool changing		Manual
Encoder	Sin,cos,zero	

Motor	Asynchronous
Number of poles	4 poles
Power (kW)	11 / 11
Torque (Nm)	10.6 / 8.9
Current (A)	25 / 23
Voltage (V)	380 / 380
Frequency (Hz)	334 / 400
Speed (rpm)	9'870 / 11'800

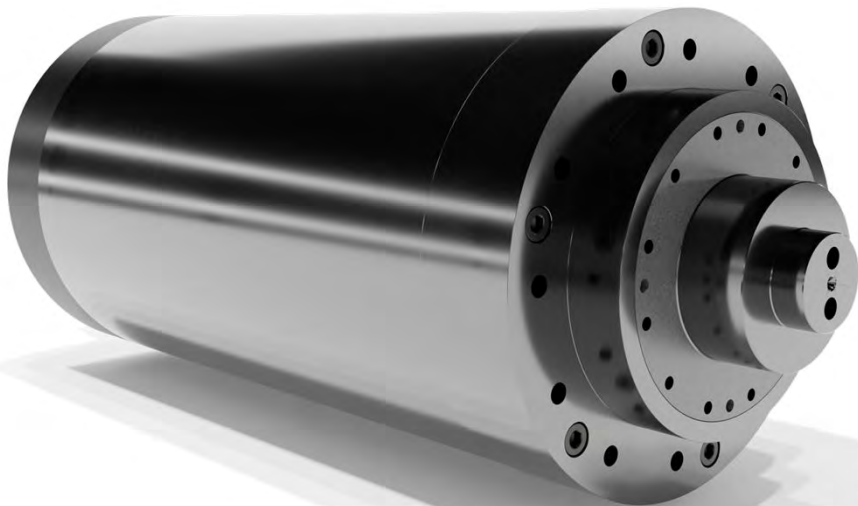


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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-160340-DIA30



Sleeve (mm)

Ø160h5

Bearings

Steel

Lubrication

Grease

Air seal

3 bars

Engine cooling

Water

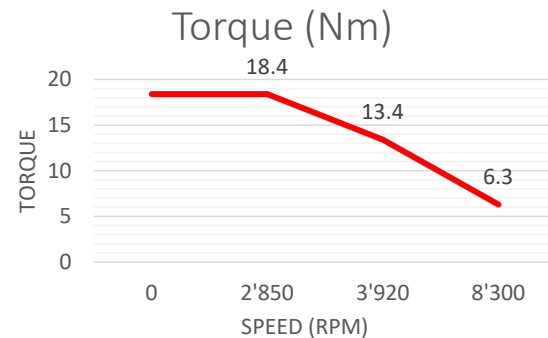
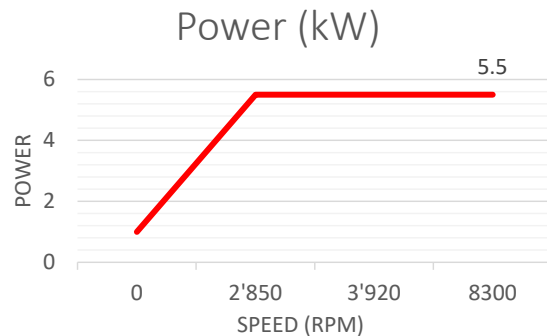
Tool changing

Manual

Encoder

Sin,cos,zero

Motor	Asynchronous
Number of poles	4 poles
Power (kW)	5.5 / 5.5 / 5.5
Torque (Nm)	18.4 / 13.4 / 6.3
Current (A)	17 / 14 / 11
Voltage (V)	283 / 380 / 380
Frequency (Hz)	100 / 134 / 284
Speed (rpm)	2'850 / 3'920 / 8'300



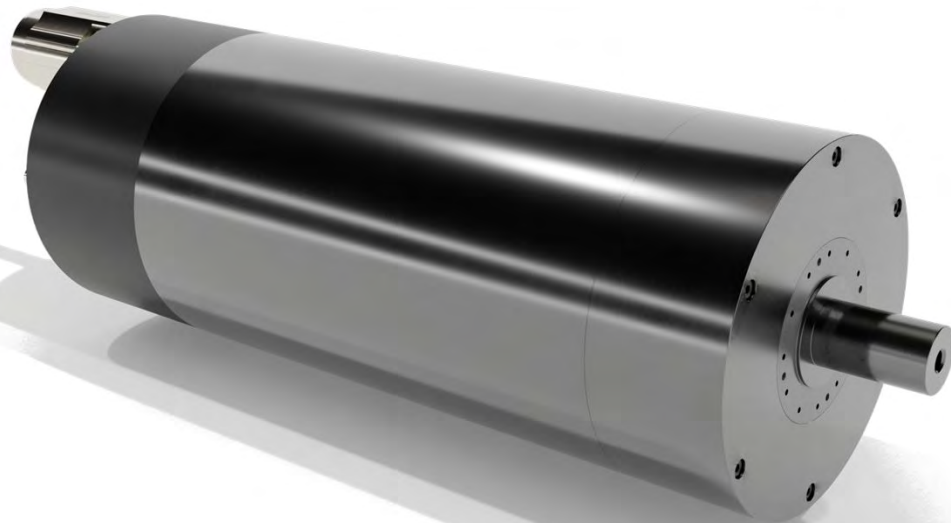
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Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-200520-DIA35

The image features a technical line drawing of a high-precision spindle, centered on a dark background. The spindle is depicted with concentric circles and various mounting points, including six screws around the outer rim and several smaller holes on the inner flange. The model number '430-200520-DIA35' is prominently displayed in white text across the center of the drawing.



Sleeve (mm)

Ø200h5

Bearings

Ceramic

Lubrication

Grease

Air seal

3 bars

Engine cooling

Water

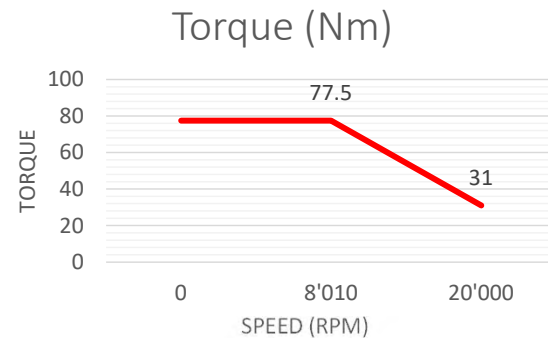
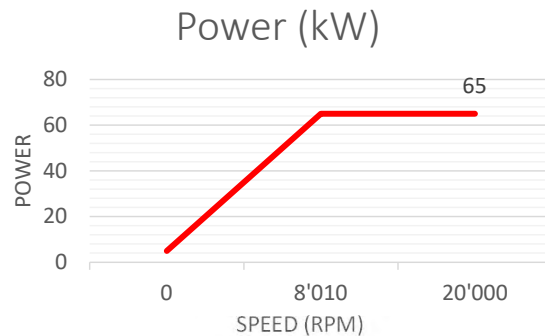
Tool changing

Manual

Encoder

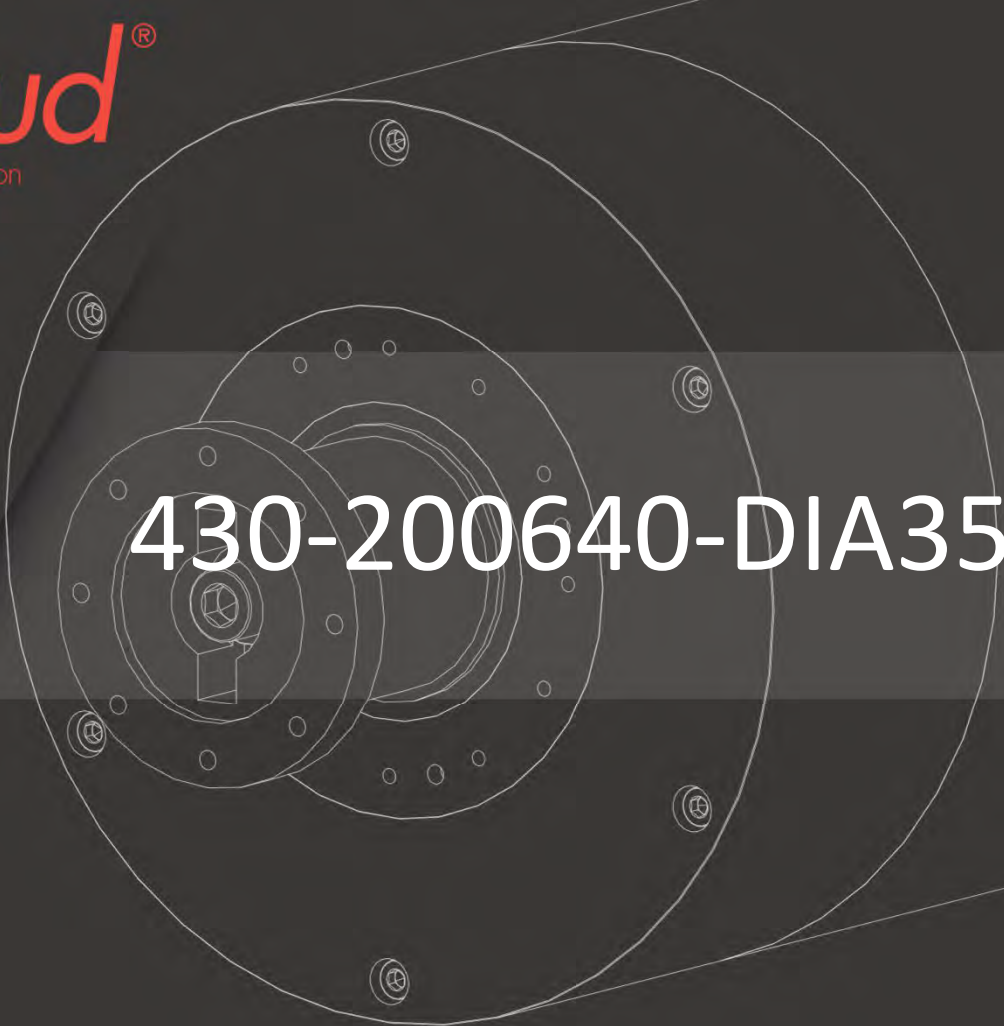
Sin,cos,zero

Motor	Synchronous
Number of poles	4 poles
Power (kW)	65 / 65
Torque (Nm)	77.5 / 31
Current (A)	120 / 93
Voltage (V)	359 / 525
Frequency (Hz)	267 / 667
Speed (rpm)	8'010 / 20'000



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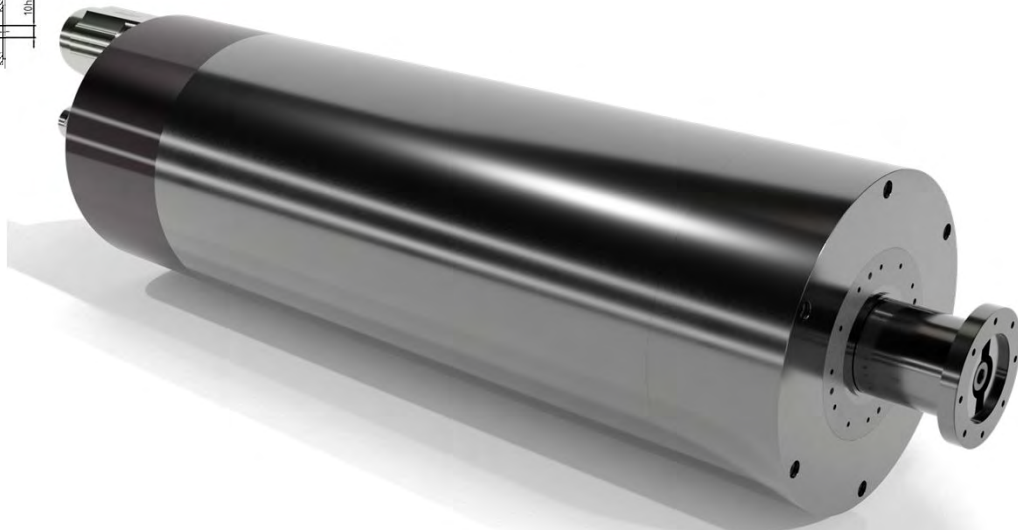
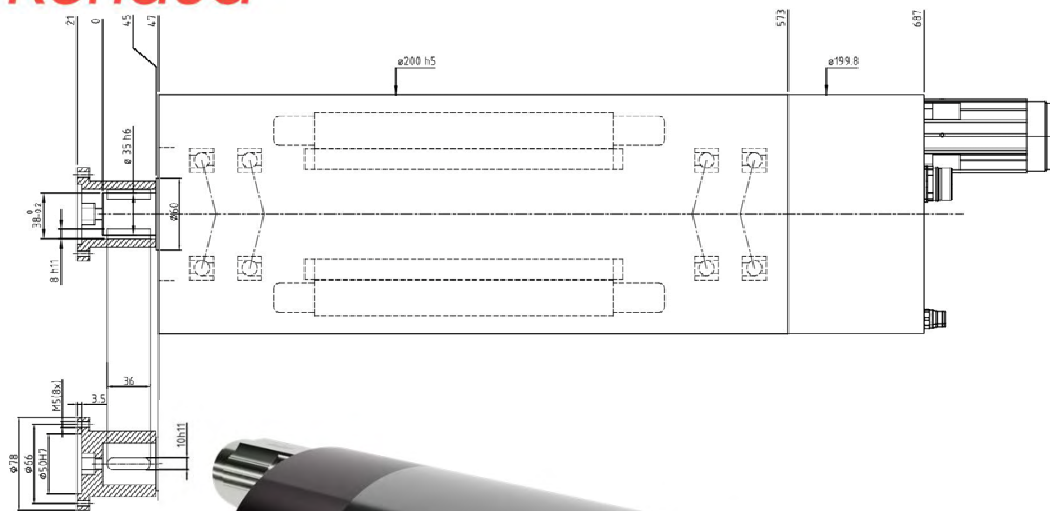
Broches de haute précision
Hochpräzisionsspindeln
High precision spindles
高精度主轴



430-200640-DIA35

The image features a technical line drawing of a complex mechanical spindle assembly. The drawing is centered on a dark background and shows multiple concentric rings and components. The outermost ring has several circular features, possibly mounting points or bearings. The inner components show various diameters and internal structures, typical of a precision spindle. The text '430-200640-DIA35' is prominently displayed in the center, likely indicating a specific model or specification for the part.

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430-200640-DIA35

Sleeve (mm)	Ø200h5	
Bearings	Steel	
Lubrication	Grease	
Air seal	3 bars	
Engine cooling	Water	
Tool changing	Manual	
Encoder	Sin,cos,zero	

Motor	Asynchronous
Number of poles	4 poles
Power (kW)	60 / 60
Torque (Nm)	90.1 / 61.8
Current (A)	110 / 106
Voltage (V)	380 / 380
Frequency (Hz)	217 / 317
Speed (rpm)	6'500 / 9'500

