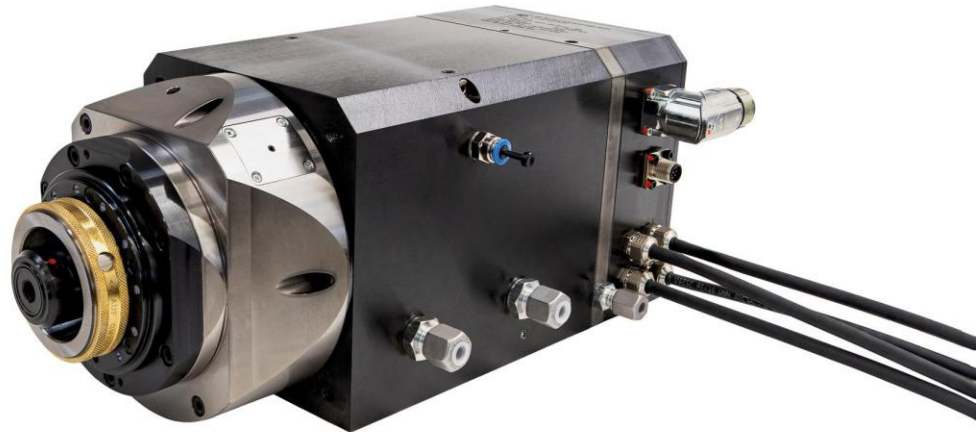


Grinding motor spindle SPL 2742.5 - Data Sheet



Technical Data

Product category**Application****Tool holder****Nominal power****Nominal speed****Maximum speed****Torque****Encoder****Grinding**

Tool grinding

HSK-C63 - manual tool clamping

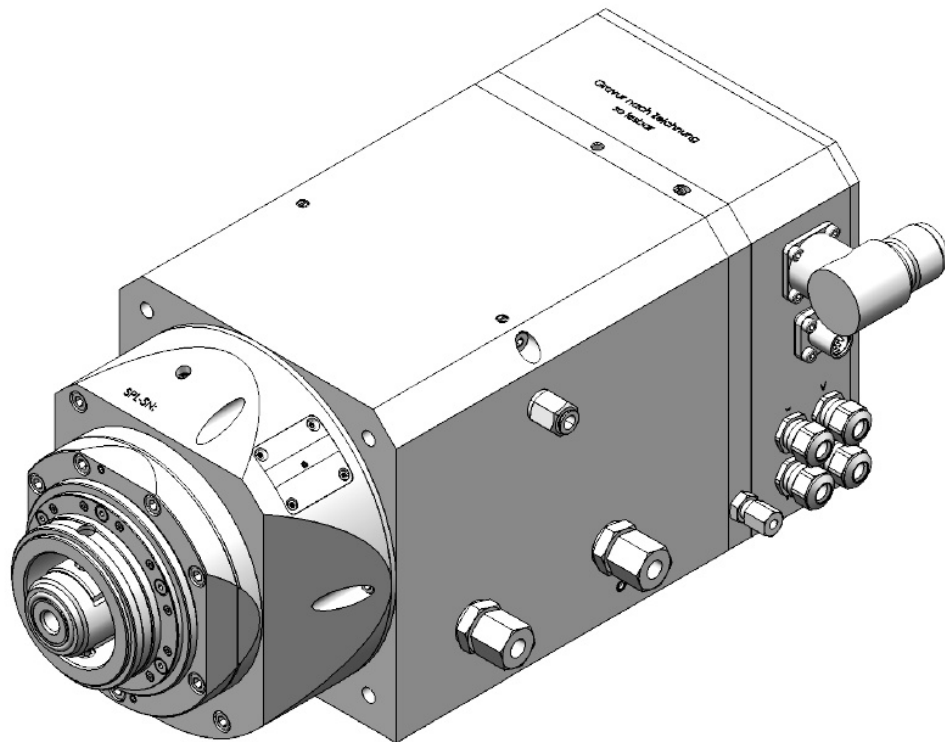
20kW

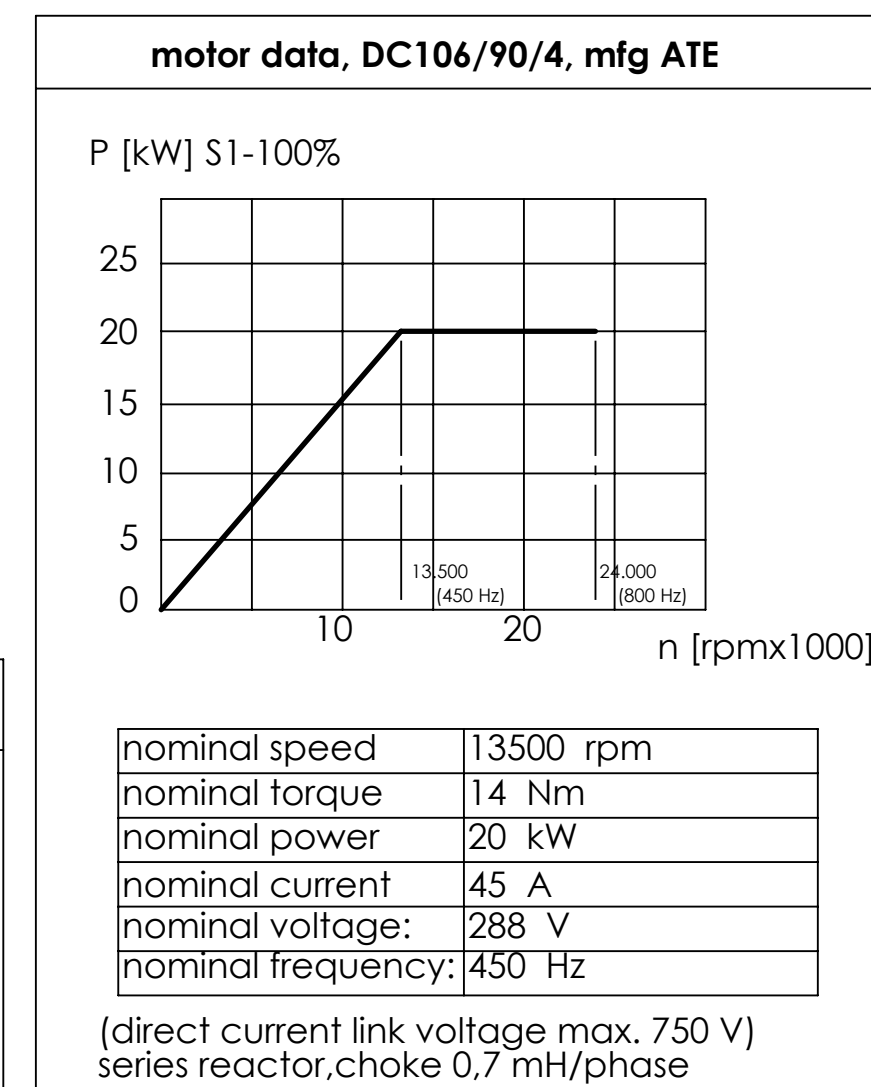
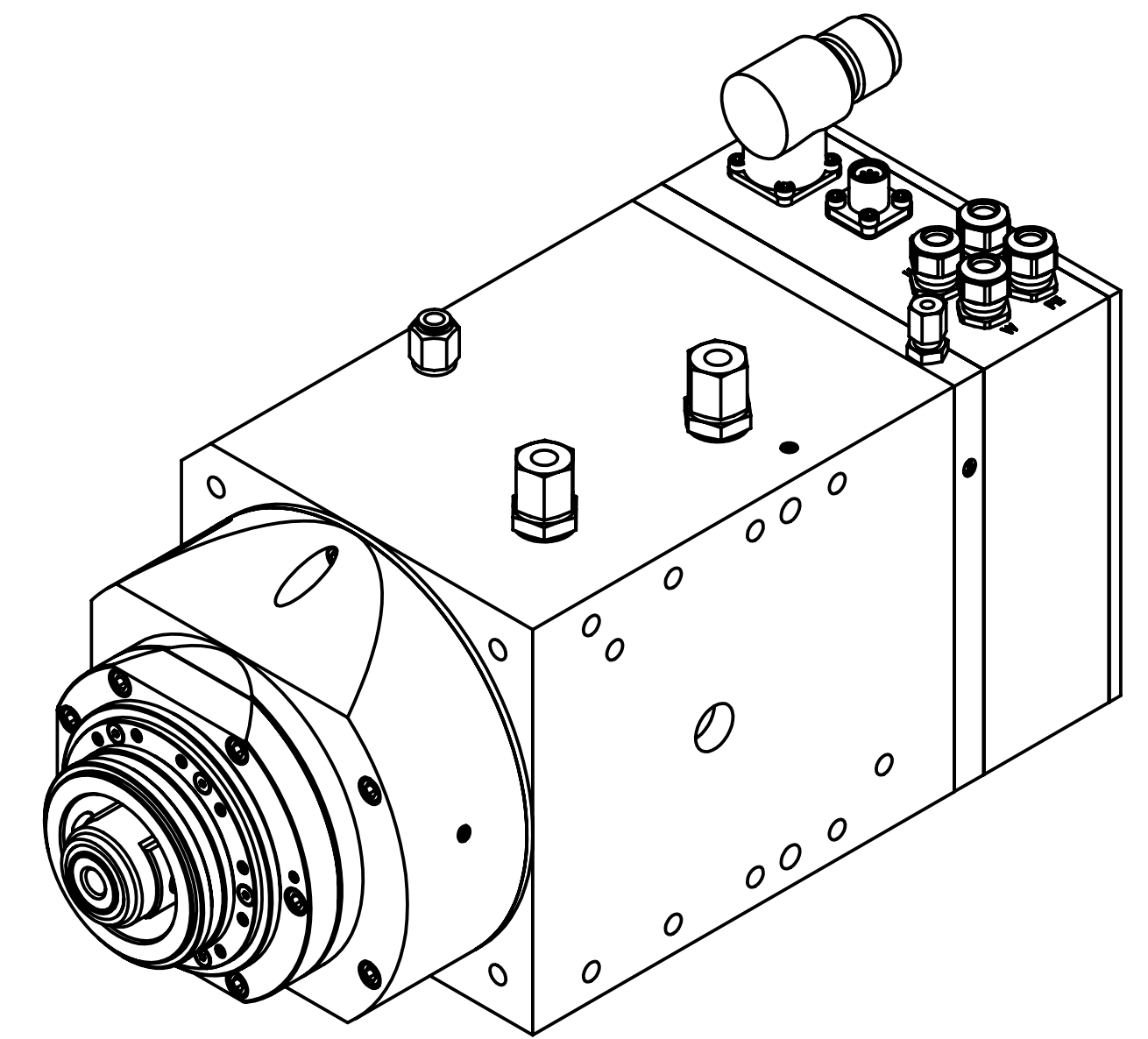
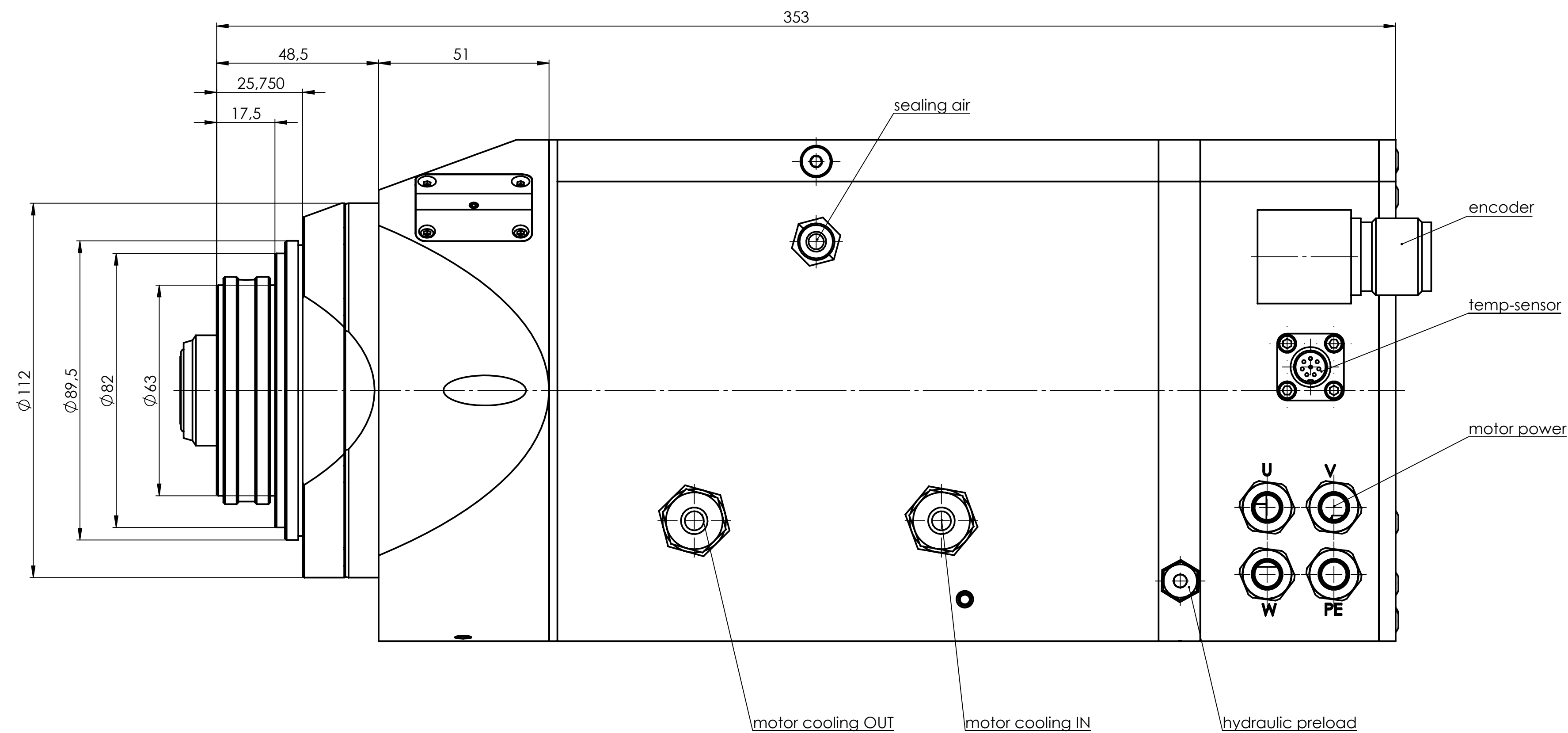
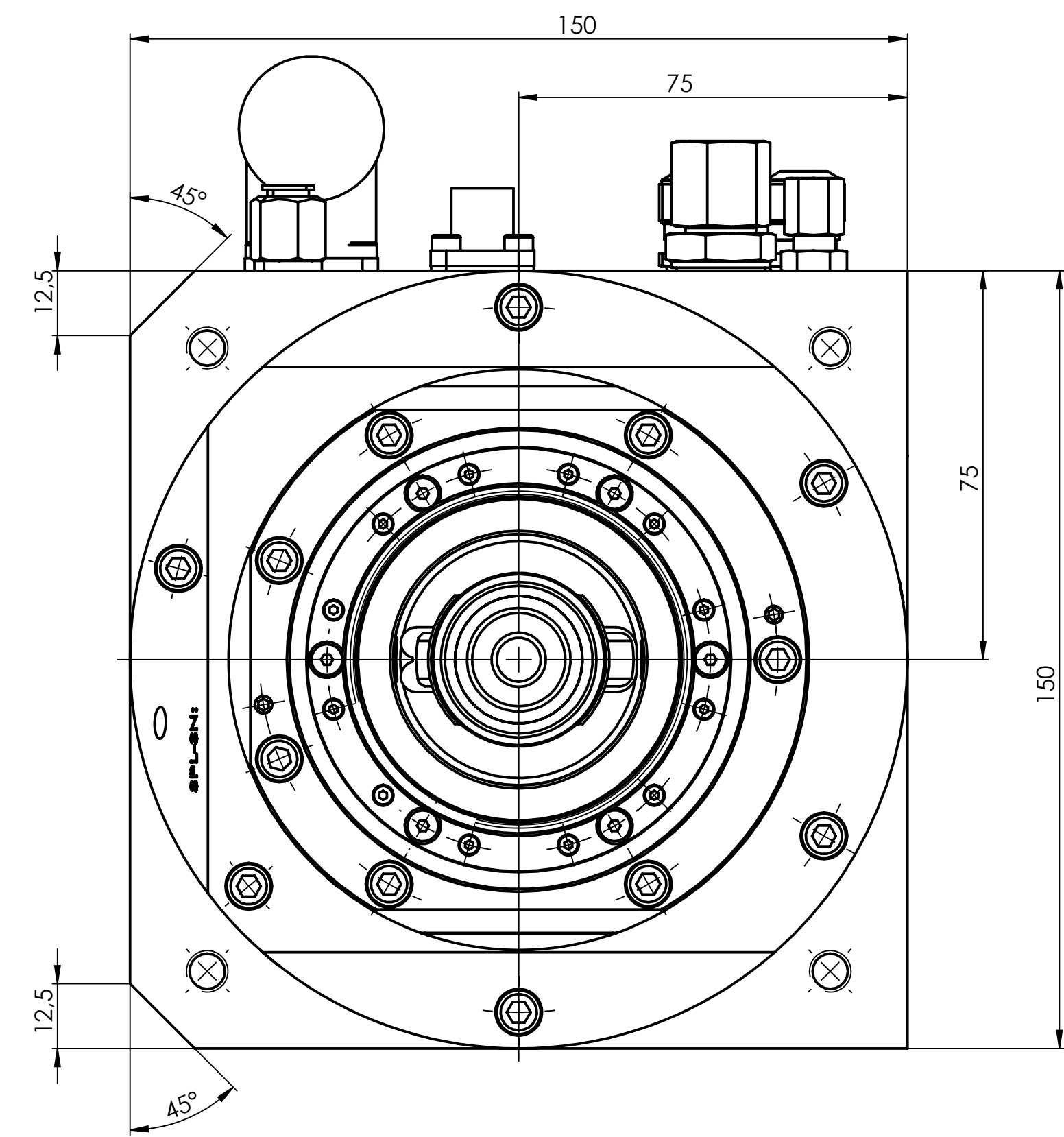
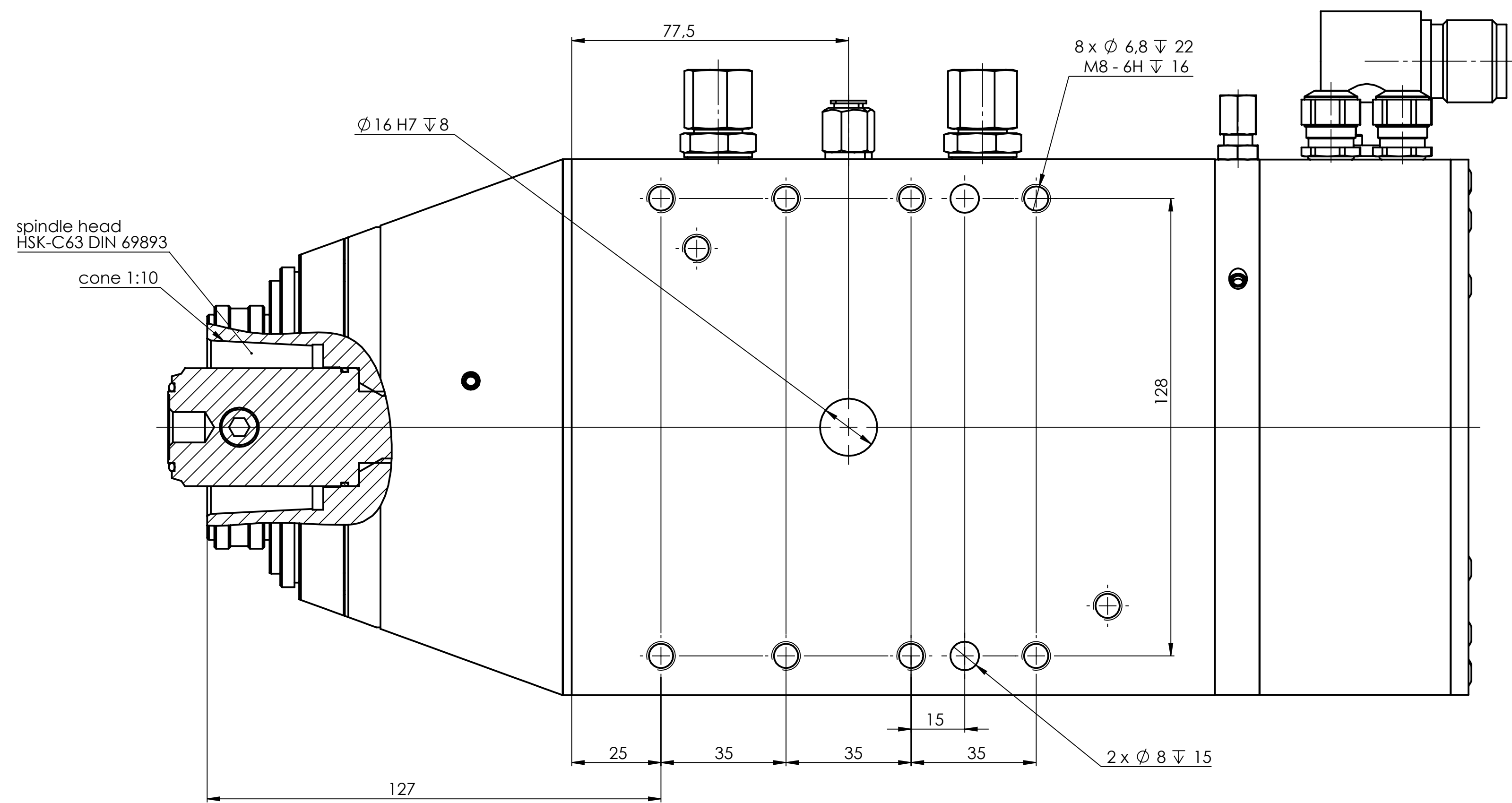
13.500rpm

24.000rpm

14Nm

1VSS, integrated





4-point clamping set, HSK-C63 (69893), mfg. Gühring

manually operated
clamping force: 32.000 N
tightening torque with clamping force 32 kN

encoder GEL2444KZPG3K050, mfg. LENORD+BAUER

measuring wheel modul
m=0,3; 256 teeth
operating voltage: 5 V DC ±5%
output signal: Two sinusoidal-signals moved around 90°
reference impulse
signal level: difference signal 1 Vss

technical data					
type:	motor spindle				
use:	grinding spindle				
speed:	24000 rpm				
motor:	type: DC106/90/4, synchron water cooling Q: 6 ...8 lpm pmax: 5 bar				
bearings:	hybrid bearing, grease lubrication				
clamping system:	4-point clamping set HSK-C63 4958 48.000				
encoder:	GEL2444KZPG3K050				
sealing air:	0.8bar max. 1 bar (measured at the spindle connection)				
installation position:	horizontal				
edges without dimension ISO 13715	general tolerances ISO 2768-m-H	surface description ISO 1302 R _a in µm	projection method ISO 5454/2		
inner edges outside edges	weight ...	scale 1:1	material ---	origin model no.	
model drawn checked issued	description grinding motor spindle HSK-C63, 14 Nm, 20 kW, 24000 rpm				
SPL Spindel und Präzisionslager GmbH Am Gewerbegebiet 7 D-04720 Ebersbach			drawing no. 2742.5-00.0W-01	page 1	1/1
rev	change	date	name	replace for:	replaced by: