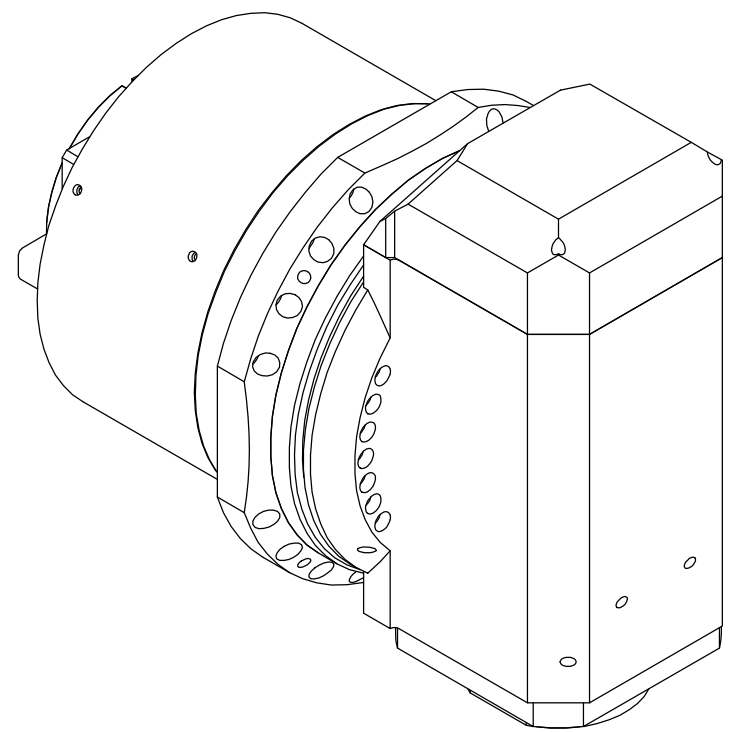
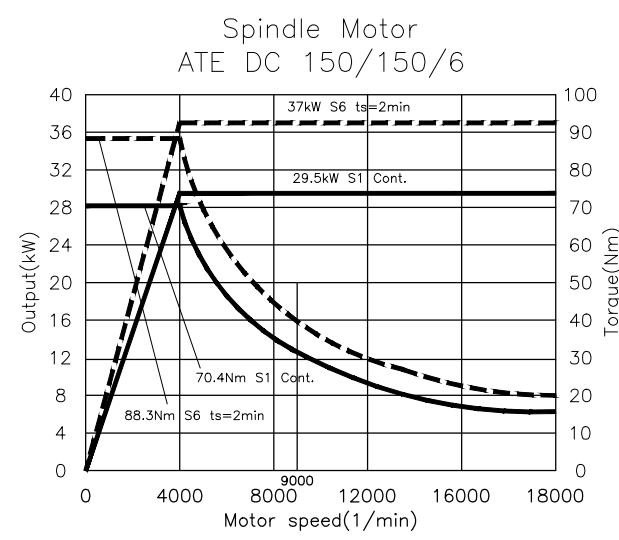
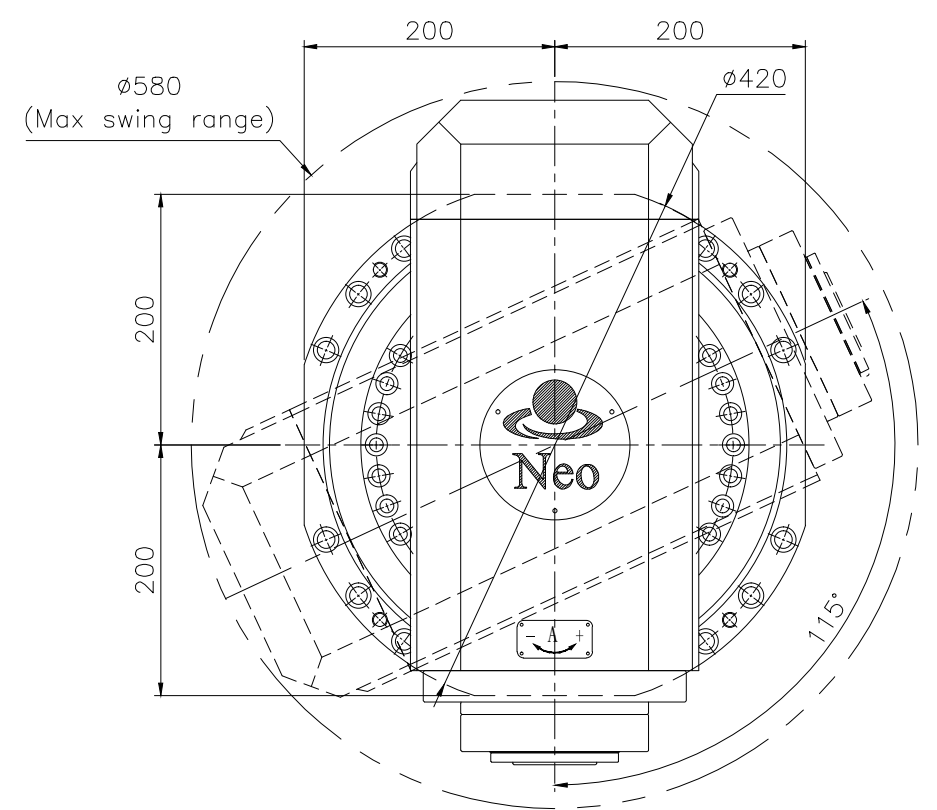
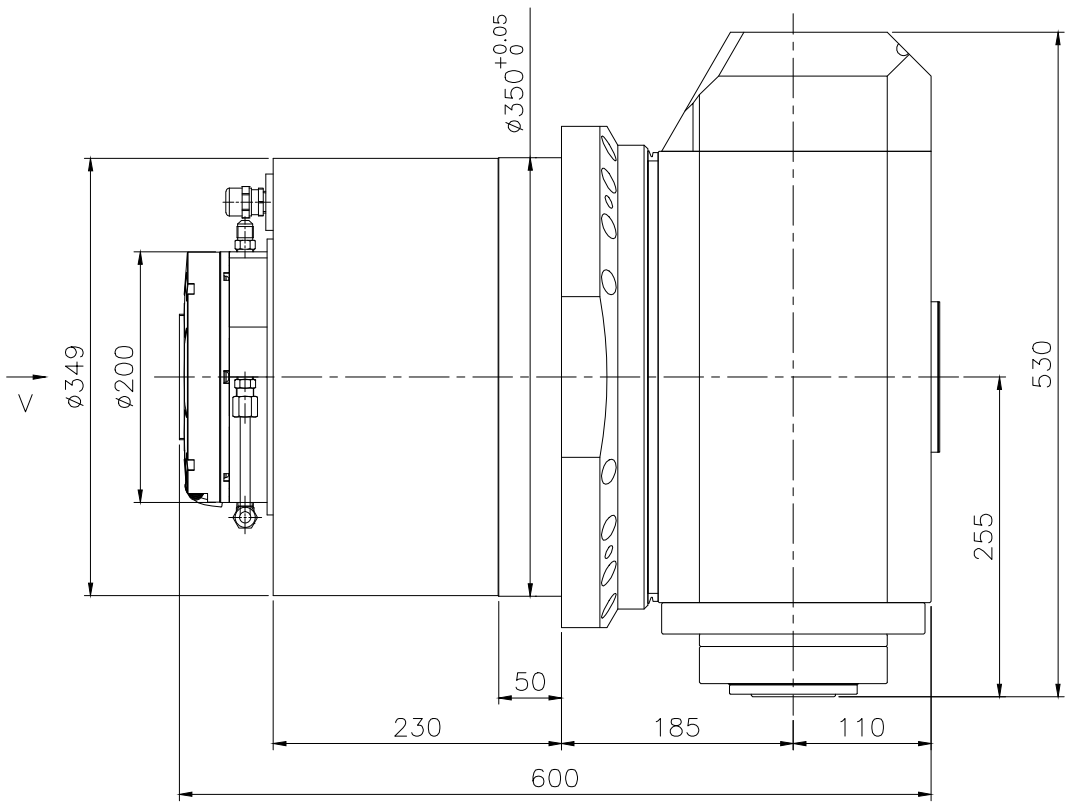
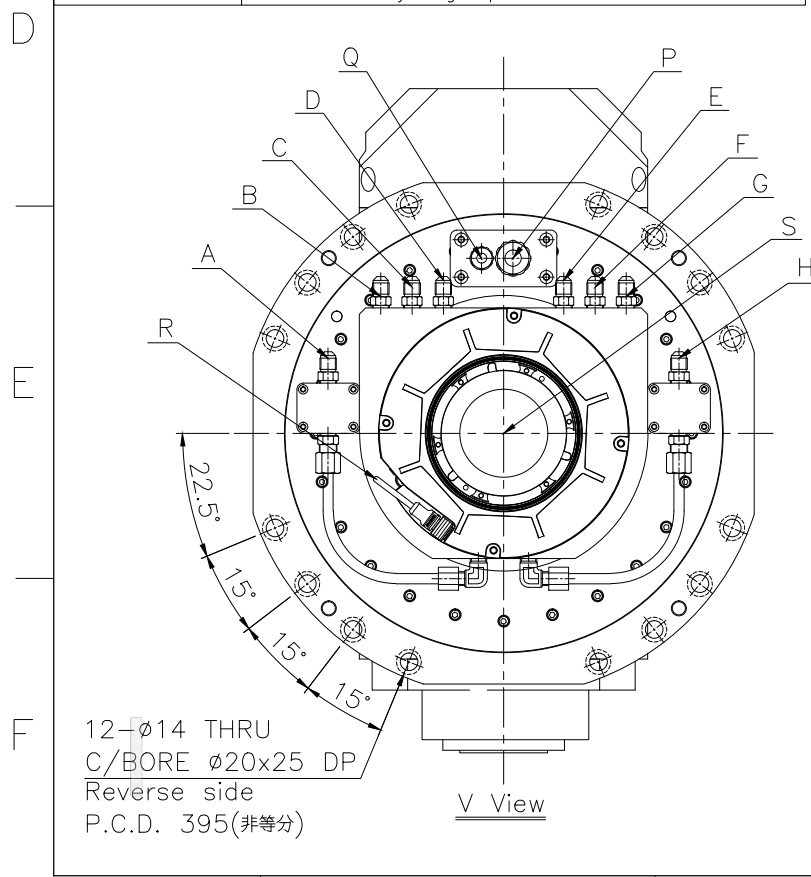


	1	2	3	4	5	6	7	8
	Items	Functions definitions						
A	A	A-axis brake hydraulic inlet(PT1/4->PH3/8)						
	B	External coolant inlet(PT1/4->PH3/8)						
	C	A-axis motor coolant outlet(PT1/4->PH3/8)						
	D	Tool unclamping hydraulic inlet (PT1/4->PH3/8)						
B	E	C.T.S&Tool holder clean(PT1/4->PH3/8)						
	F	A-axis motor coolant inlet(PT1/4->PH3/8)						
	G	Spindle motor coolant inlet(PT1/4->PH3/8)						
	H	Spindle motor coolant outlet(PT1/4->PH3/8)						
	P	A-axis motor power line outlet(Bare wire)						
C	Q	A-axis motor Temp. cable outlet(Bare wire)						
	R	A axis absolute encoder line outlet(12Pin)						
	S	Spindle motor power line outle (U,V,W,G Total of four lines) Spindle encoder line (Containing spindle motor temperature line) (17Pin) Tool un/clamp detecting device+Piston detecting device+Bearing temp. sensor Spindle oil-air lubrication+Spindle Oil-air lubrication recycling+Spindle air seal						



Spindle	
Power	29.5kW
Max. torque	70.4/88.3Nm
Max. speed	18,000 rpm.
Tool system	HSK A63
A-Axis	
Max torque	800Nm
Braking torque	1,250Nm(65bar)
Swiveling speed	30-40rpm
Swiveling angle	+/-115°



ver. coordinates	Changing content	Modified by	date	PERMISSIBLE MACHING BASIC DIMENSION DEVIATIONS	DRAWN		
				>0 >6 >30 >120 >400 >1000	DESIGNED		
				±0.05 ±0.10 ±0.15 ±0.20 ±0.30 ±0.50	CHECKED		
				PERMISSIBLE DRILLING BASIC DIMENSION DEVIATIONS	MATERIAL		
				PERMISSIBLE ANGLE BASIC DIMENSION DEVIATIONS	SCALE	1:6	DWG.NO. C63M30