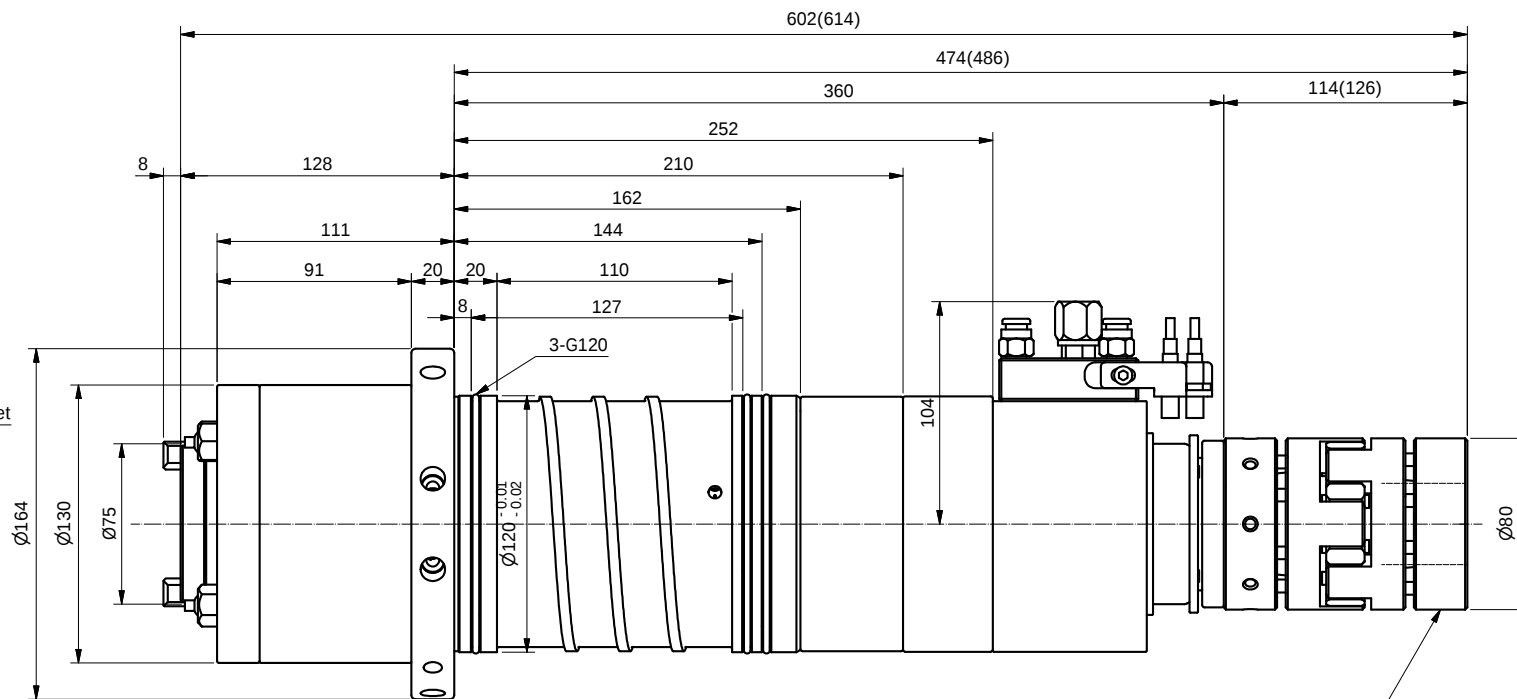
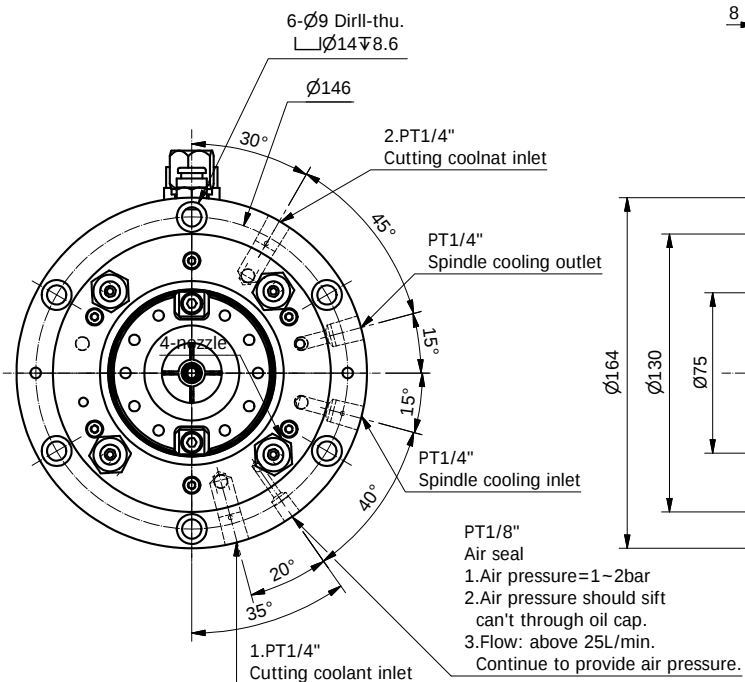
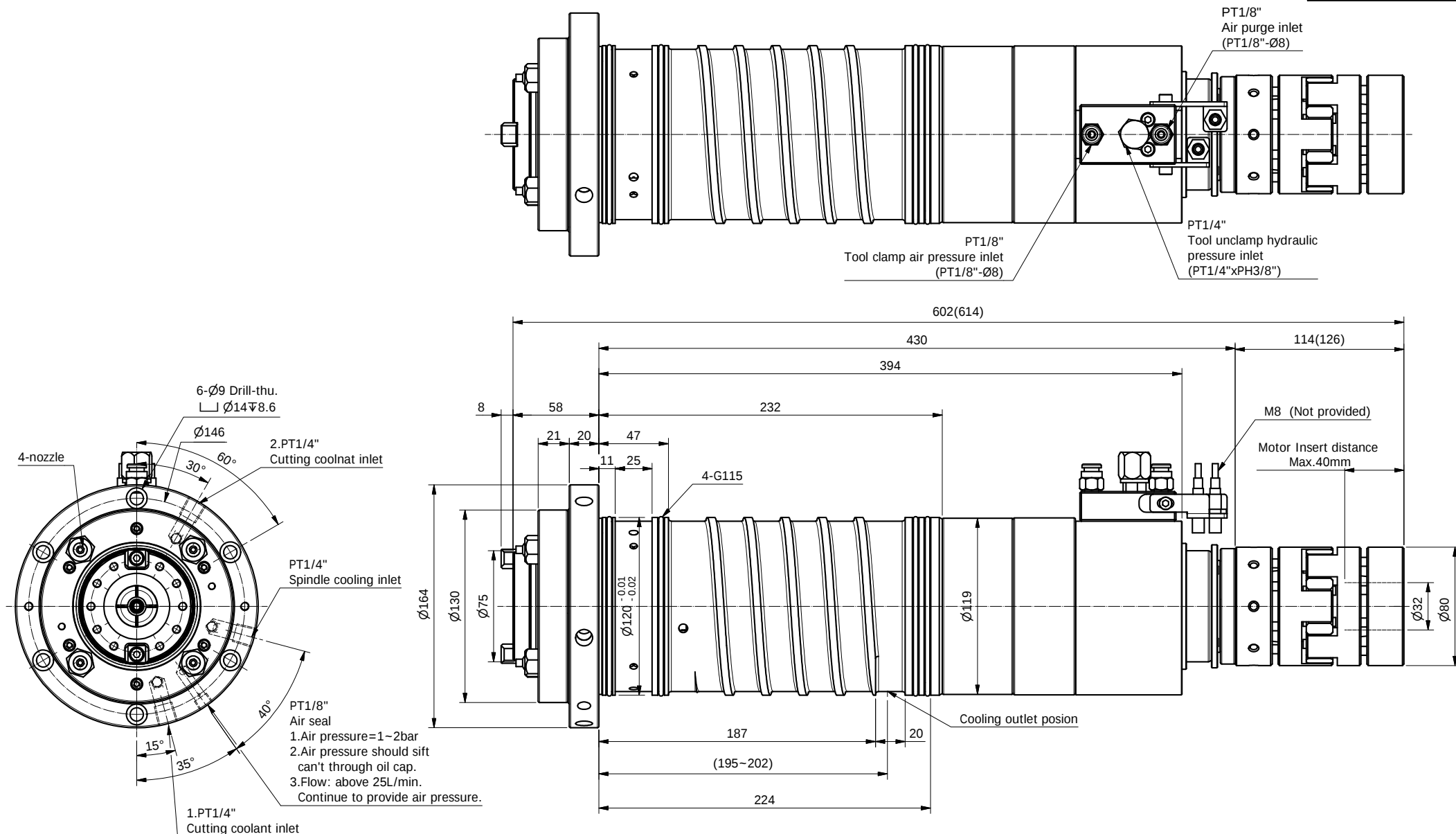




Coupling:
A.Motor shaft dia under Ø40mm,Ø80x114L Coupling
B.Motor shaft dia above Ø40mm,Ø95x126L Coupling

Spindle number	Max. speed(rpm)	Bearing	Clamping force(Kgf)	Oil pressure(kg/cm ²)	Pressurized cylinder	Tool holder	Coolant nozzle	CTS
1MD120A08K	8000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle	Optional
1MD120A10K	10000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle	Optional
1MD120A12K	12000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle	Optional
1MD120A15K	15000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle	Optional

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Name		MD120A Direct drive spindle			Scale	
Number		MD120A			Date	
Approved			Check		Design	



Spindle number	Max. speed(rpm)	Bearing	Clamping force(Kgf)	Oil pressure(kg/cm ²)	Pressurized cylinder	Tool holder	Coolant nozzle
1MD120A08K	8000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle
1MD120A10K	10000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle
1MD120A12K	12000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle
1MD120A15K	15000	7012X4	700kgf±10%	70kg/cm ²	16-70cc	BT40/CAT40/DIN40	4 nozzle

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Name	MD120A Direct drive spindle		Scale	
Number	MD120A		Date	
Approved		Check	Design	