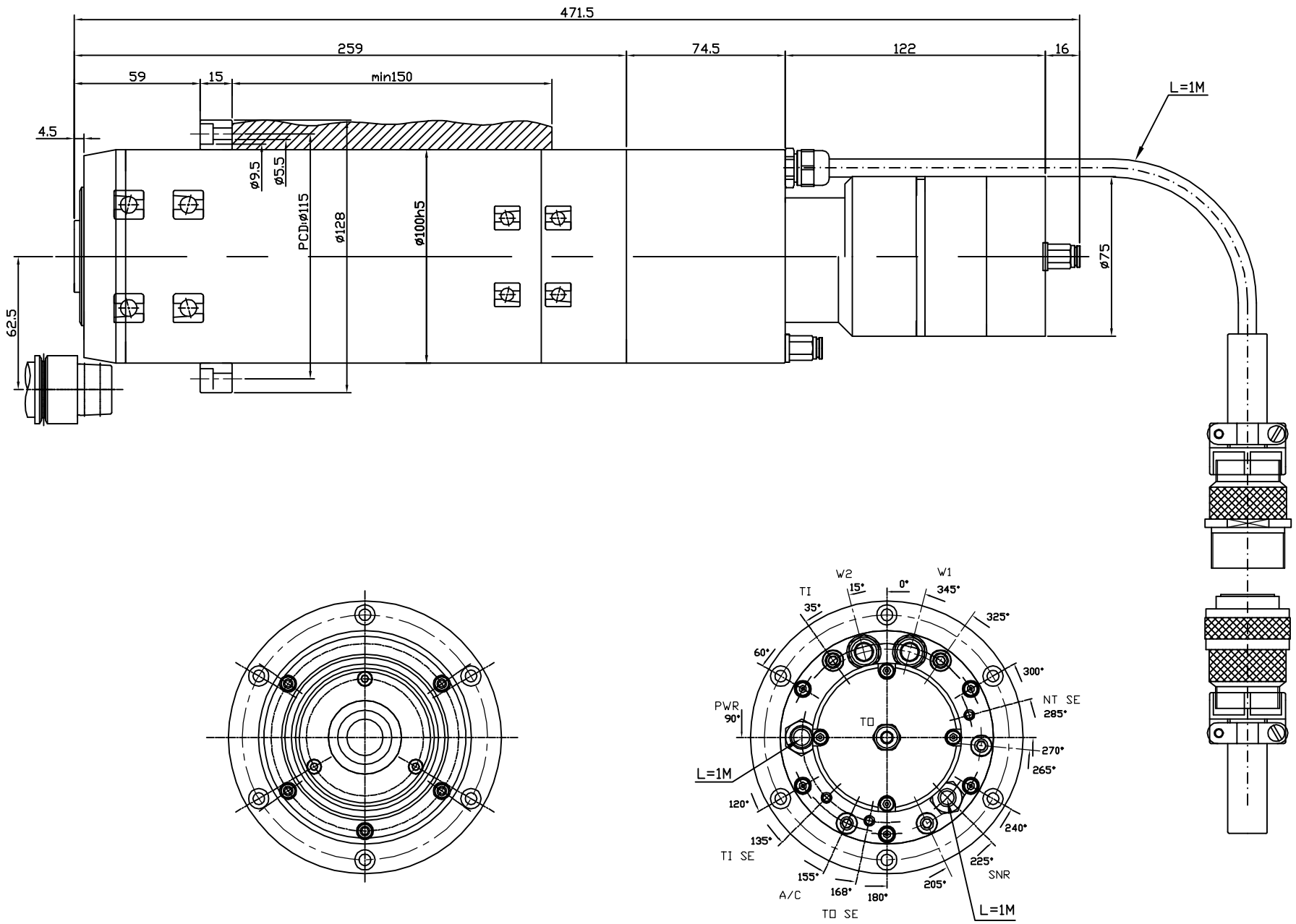
FPN:A19600000001

Confidential

Taper Size	HSK-E32
Speed	30000 rpm
Rotation	Right
Bearings Lubrication	Grease
Vibration Level	ISO 1940 G1
Spindle Weight	15 kg
Spindle Clamping Force	
Spindle Cooling	Liquid

WA1	Spindle cooling in <4 bar	PF1/4-ø10x7.5mm
WA2	Spindle cooling out	PF1/4-ø10x7.5mm
AS	Air Seal(Air purge) 2 bar	PT1/8-ø6mm
CL	Spindle taper cleaning 1 bar	PT1/8-ø8mm
TO	Tool out(unclamping)-Oil in	PT1/8-ø8mm,5~8 bar
TI	Tool in(clamping)-Air in	PT1/8-ø8mm,5~8 bar
SNR	Tool position Signal connector	7 pin
PWR	Electrical connection	



SNR
7Pin

1	Brown	+24V
2	Blue	0V
3	Black	Tool in
4	Black	Tool out
5	Black	No tool
6	Yellow	THR
7	Yellow	THR

PWR

U	Brown	A
V	Blue	B
W	Black	C
PE	Green	D

Motor Data								
	S1-100%				S6-40%			
Voltage(V)	359	400	400	400	359	400	400	400
Current(A)	7.4	6.8	6.3	3.9	9.6	8.8	8.2	5.0
Frequency(Hz)	400	450	600	1000	400	450	600	1000
Speed(*10^3rpm)	11.7	13.2	17.6	29.6	11.7	13.2	17.6	29.6
Power(kW)	3.0	3.0	3.0	1.7	3.9	3.9	3.9	2.2
Torque(Nm)	2.4	2.2	1.6	0.55	3.2	2.8	2.1	0.71
N of poles	4							

Surface Texture Symbol		Tolerance Zone	
		Size Range	IT 12 Grade
		0~6	±0.05
▽▽▽▽	0.01a~0.2a	6~30	±0.1
▽▽▽	0.25a~1.6a	30~100	±0.15
▽▽	2.0a~6.3a	100~300	±0.2
▽	8.0a~25a	300~1000	±0.3
⌒	32a~125a	1000~3000	±0.5

鈔達精密股份有限公司
Theta Precision Co.Ltd

Project	Change Content	Date	Name
4			
3			
2			
1			

Drawing Number	A19610000001			Designed	James
Image Name	Spindle Confirmation Chart			Checked	Llao
Model	TH-100.0330H1A00			Approved	James
Material		Quantity	1	Date	18-11-23
Surface Treatment		Unit	mm	Scale	1 : 1
		Projection		Page	1 / 1
				Edition	01