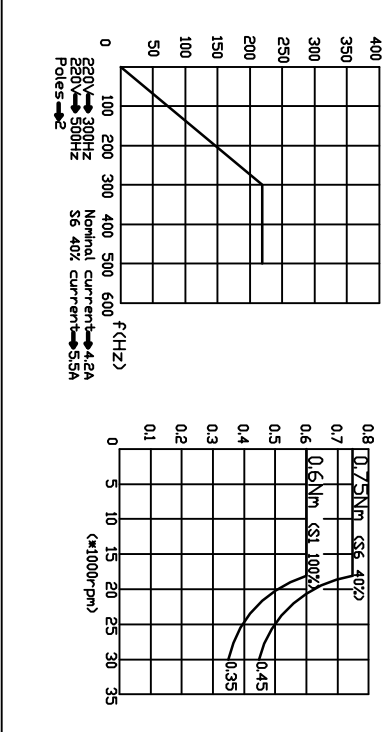
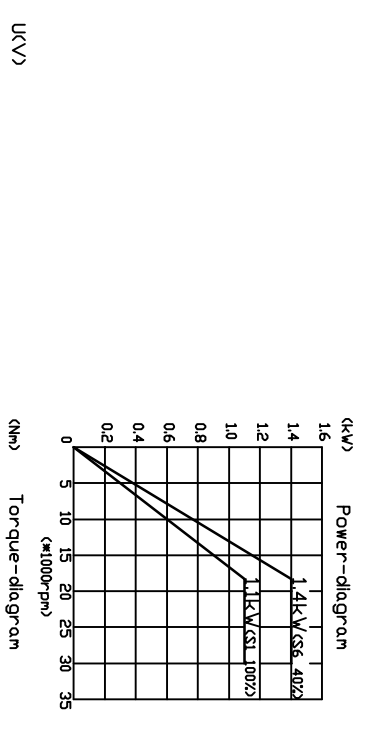


Taper Size ER-20 Collet  
 Speed 30000 rpm  
 Rotation Right  
 Bearings Lubrication Grease  
 Vibration Level ISD 1940 GI  
 Spindle Weight 6.8 kg  
 Spindle Clamping Force Air  
 Spindle Cooling Air

AS Air Seal(Air purge) 1 bar  
 PWR Electrical connection



Surface Texture Symbol	Tolerance Zone		Project	Change Content	Date	Name
	Size Range	IT 12 Grade				
▽▽▽	0.01a~0.2a	±0.1	△4			
▽▽▽	0.25a~1.6a	±0.15	△3			
▽▽	2.0a~6.3a	±0.2	△2			
▽	8.0a~25a	±0.3	△1			
~	32a~125a	±0.5				

Drawing Number	A45310000001	Designed	Chou
Image Name	Spindle Confirmation Chart	Checked	Liao
Model	THF-50M.0130E3A24	Approved	James
Material		Date	18-11-22
Surface Treatment		Scale	1 : 1
Quantity	1	Page	1 / 1
Unit	mm	Projection	1 / 1
Projection		Edition	01

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