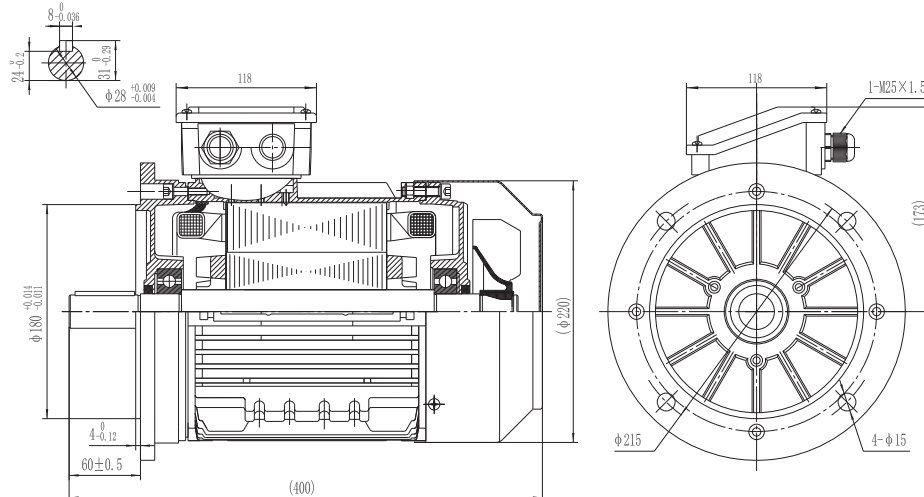


Type T3A 112M-4

Cod. R1120404,0B5B5A0TAMT

Mounting position

IM	B5
IM	3001

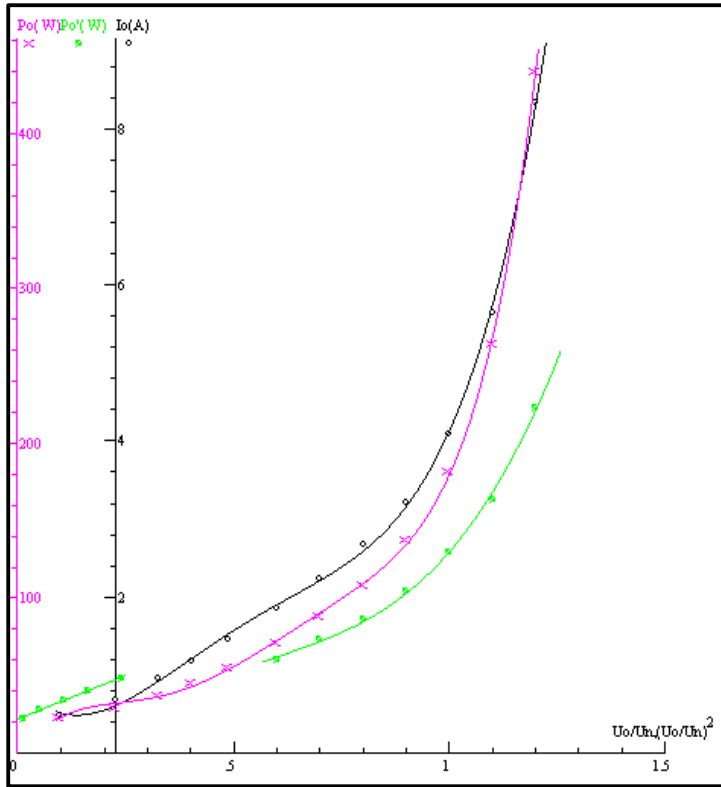


Electrical data				General data			
Rated motor power	4		Kw	Frame size	112		
Rated motor speed	1435		$\text{min}^{-1}$ 50Hz	Mounting	B5		
	1725		$\text{min}^{-1}$ 60Hz	Weight	44.4	Kg	
Rated motor frequency	50		Hz	Casing material	Aluminum		
Rated motor voltage(+/-10%)	400		V $\Delta$ /50Hz	Protection	IP	55	
	690		VY/50Hz	Insulation class/Temperature rise	F	/	B
	480		V $\Delta$ /60Hz	Tropicalization	Yes		
	830		VY/60Hz	Vibration class	N		
Rated motor torque	26.62		Nm (Mn)	Duty	S1		
Rated motor current	8.25	V $\Delta$ /50Hz	A (In)	Direction of rotation	Bidirectional		
	4.77	VY/50Hz	A (In)	Method of cooling	IC	411	
Starting motor current	7.9		xIn	Cable entry	2-M25x1,5		
Starting motor torque	2.5		xMn	Standards	IEC/DIN/ISO/VDE/EN		
Breakdown motor torque	3		xMn	Execute at Standard	IEC 60034-1		
Starting			D.O.L.	Feet removable	Yes		
Efficiency class	IE3			Paintwork	RAL	7024	dark grey
Efficiency	50Hz	60Hz		Thermal protections	PTC 150°C		Standard
			100% load				
			75% load				
			50% load				
Power factor cos $\phi$	0.79	0.79	100% load				
Mechanical data				Site conditions			
Noise level	LpA	73	dB(A)	Ambient temperature	from -20°C to +40°C		
	LwA	83	dB(A)	Altitude above sea level	1000 m		
Moment of inertia	0.0114		Kgm <sup>2</sup>	Bearing DE side	6306-2RS-C3		
Bearings type			NSK	Bearing NDE side	6206-2RS-C3		
Lubricants for bearings	See installation and maintenance manual page 12			Average bearing lifetime	40000	h	
				Relubrication interval L1 DE bearing	life	h	
				Relubrication interval L1 NDE bearing	life	h	
				Compensation ring	NDE SIDE	standard	

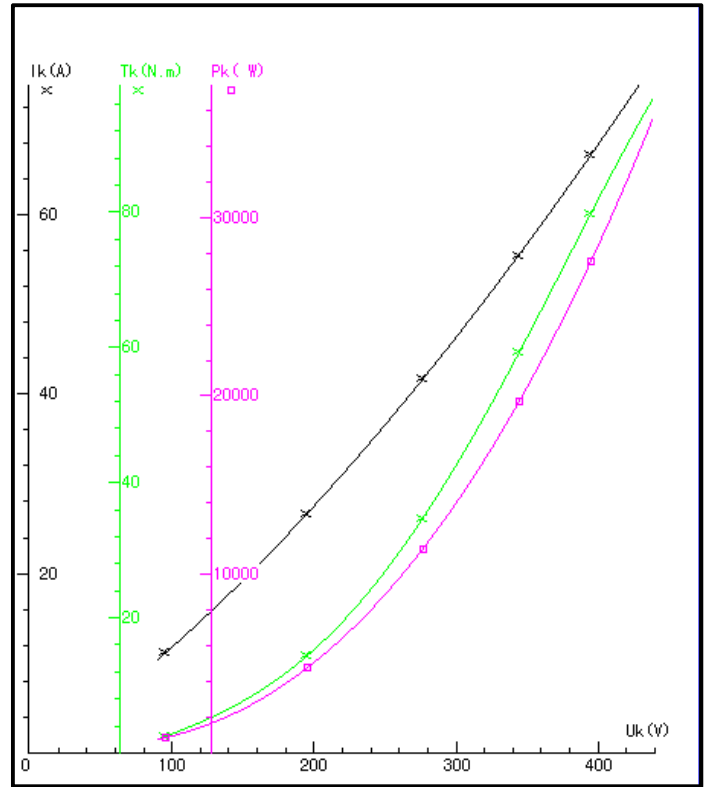
Type: T3A112M-4 Voltage: 400/690 V Design No: Shanghai Techttop Motor Co., Ltp  
 Output 4 KW Connection:  $\Delta$ /Y  
 Frequency: 50 Hz Duty: S1 Report No: 20100916001

Test Item		Standard		Result	
		Nominal	Tol		
1	Efficiency %			88,75	
2	Power Factor			0,82	
3	Tem. Rise of Stator Winding K			57,3	
4	Vibration mm/s				
5	Noise Lp dB (A) (Lw)				
6	Breakdown Torque/Rated Torque			3,74	
7	Pullup Torque/Rated Torque			2,66	
8	Locked Rotor Tor./Rated Tor.			3,09	
9	Locked Rotor Cur./Rated Cur.			8,54	
10	High Voltage Test V			1800	
11	Hot Insulation Res. of Stator Winding M $\Omega$			300	
12	Temperature of Bearing $^{\circ}$ C			65	
13	Unbalance of Current %			3,25	
14	Full Load line Current A			7,933	
15	Full-load input power (W)			4506,8	
16	Full Load torque Nm			26,445	
17	Max.temp.of enclosure surface $^{\circ}$ C			62,7	
18	No Load Current A			4,122	
19	Slip %			3,1804	
20	Winding phase resistance 95 $^{\circ}$ C			3,5594	
21	Stary-load loss (W)			32,131	
22	No-load input power (W)			179,23	
23	Core loss (W)			103,87	
24	Friction and wind age loss(W)			22,188	
25	Locked Rotor Power (W)			28388	
26	StatorI2Rloss (W)			215,44	
27	RotorI2Rloss (W)			133,18	
28	Locked Rotor Voltage	Current A	11,82	Power W	960,8
		50%eff: 89,387		75%eff: 88,617	

### NO LOAD



### LOCKED ROTOR



### LOAD

