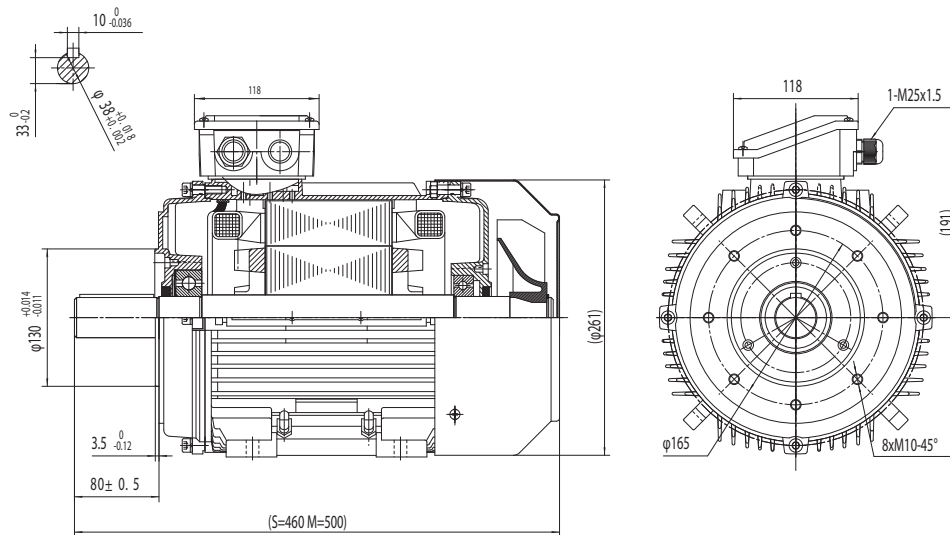


Type T3A 132S1-2

Cod. R1320205,514B5A0TAMT

Mounting position

IM	B14
IM	3601



Electrical data			
Rated motor power	5.5		Kw
Rated motor speed	2905		min ⁻¹ 50Hz
	3490		min ⁻¹ 60Hz
Rated motor frequency	50		Hz
Rated motor voltage(+/-10%)	400		VΔ/50Hz
	690		VY/50Hz
	480		VΔ/60Hz
	830		VY/60Hz
Rated motor torque	18.08		Nm (Mn)
Rated motor current	10	VΔ/50Hz	A (In)
	5.78	VY/50Hz	A (In)
Starting motor current	7.8		xIn
Starting motor torque	2.4		xMn
Breakdown motor torque	2.9		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	89.5	89.4	100% load
	89.7	88.8	75% load
	88.5	88.1	50% load
Power factor cosφ	0.89	0.89	100% load

General data			
Frame size	132		
Mounting	B14		
Weight	54.48		Kg
Casing material	Aluminum		
Protection	IP		55
Insulation class/Temperature rise	F	/	B
Tropicalization	Yes		
Vibration class	N		
Duty	S1		
Direction of rotation	Bidirectional		
Method of cooling	IC		411
Cable entry	2-M25x1,5		
Standards	IEC/DIN/ISO/VDE/EN		
Execute at Standard	IEC 60034-1		
Feet removable	Yes		
Paintwork	RAL	7024	dark grey
Thermal protections	PTC 150°C		Standard

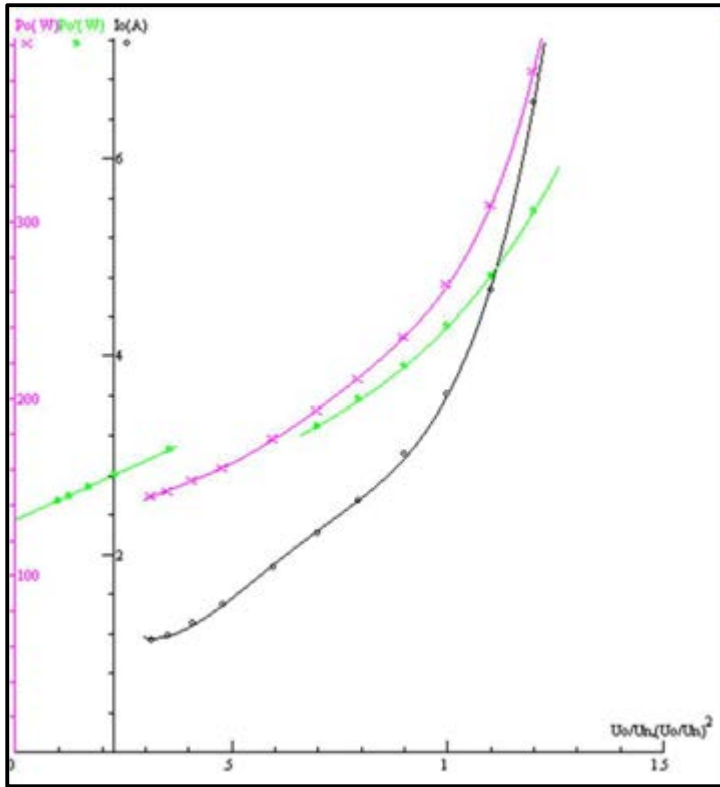
Site conditions	
Ambient temperature	from -20°C to +40°C
Altitude above sea level	1000 m

Mechanical data					
Noise level	LpA	69	dB(A)	Bearing DE side	6308-2RS-C3
	LwA	78	dB(A)	Bearing NDE side	6208-2RS-C3
Moment of inertia	0.0137		Kgm ²	Average bearing lifetime	40000 h
Bearings type			NSK	Relubrication interval L1 DE bearing	life h
Lubricants for bearings	See installation and maintenance manual page 12			Relubrication interval L1 NDE bearing	life h
				Compensation ring	NDE SIDE

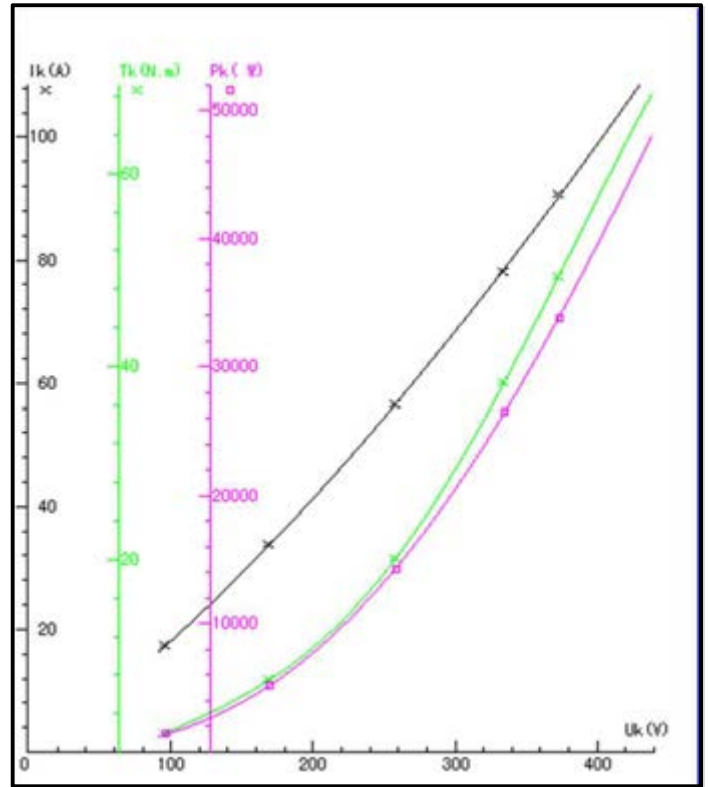
Type: T3A132S1-2 Voltage: 400/690 V Design No: Shanghai Techttop Motor Co., Ltp
 Output 5,5 KW Connection: Δ/Y
 Frequency: 50 Hz Duty: S1 Report No: 20101126001

Test Item		Standard		Result	
		Nominal	Tol		
1	Efficiency %			89,49	
2	Power Factor			0,889	
3	Tem. Rise of Stator Winding K			46,2	
4	Vibration mm/s				
5	Noise Lp dB (A) (Lw)				
6	Breakdown Torque/Rated Torque			4,02	
7	Pullup Torque/Rated Torque			2,49	
8	Locked Rotor Tor./Rated Tor.			3,18	
9	Locked Rotor Cur./Rated Cur.			9,91	
10	High Voltage Test V			1800	
11	Hot Insulation Res. of Stator Winding MΩ			300	
12	Temperature of Bearing °C			37	
13	Unbalance of Current %			5	
14	Full Load line Current A			9,975	
15	Full-load input power (W)			6146,1	
16	Full Load torque Nm			18,007	
17	Max.temp.of enclosure surface °C			35,2	
18	No Load Current A			3,602	
19	Slip %			2,2709	
20	Winding phase resistance 95 ° C			2,2494	
21	Stary-load loss (W)			66,424	
22	No-load input power (W)			263,73	
23	Core loss (W)			108,01	
24	Friction and wind age loss(W)			131,79	
25	Locked Rotor Power (W)			39480	
26	StatorI2Rloss (W)			207,5	
27	RotorI2Rloss (W)			132,41	
28	Locked Rotor Voltage 100 V	Current A	18,13	Power W	1513
		50%eff: 89,668		75%eff: 88,436	

NO LOAD



LOCKED ROTOR



LOAD

