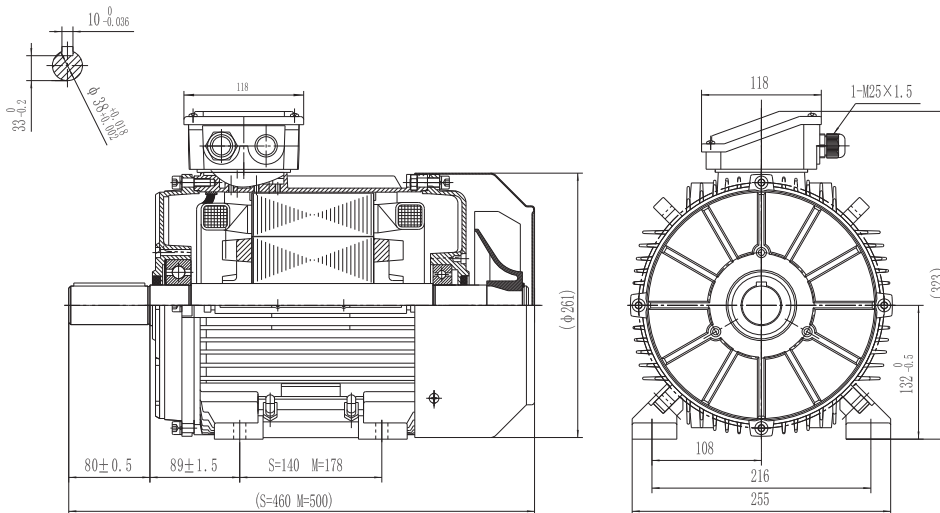


Type T3A 132M-4

Cod. R1320407,5B3B5A0TAMT

Mounting position

IM	B3
IM	1001



Electrical data			
Rated motor power	7.5		Kw
Rated motor speed	1430		min ⁻¹ 50Hz
	1720		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	50.08		Nm (Mn)
Rated motor current	14.43	VΔ/50Hz	A (In)
	8.34	VY/50Hz	A (In)
Starting motor current	7.8		xIn
Starting motor torque	2.3		xMn
Breakdown motor torque	2.7		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	90.5	90.6	100% load
	91.3	90	75% load
	91	89.2	50% load
Power factor cosφ	0.83	0.83	100% load

General data			
Frame size	132		
Mounting	B3		
Weight	74.76		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

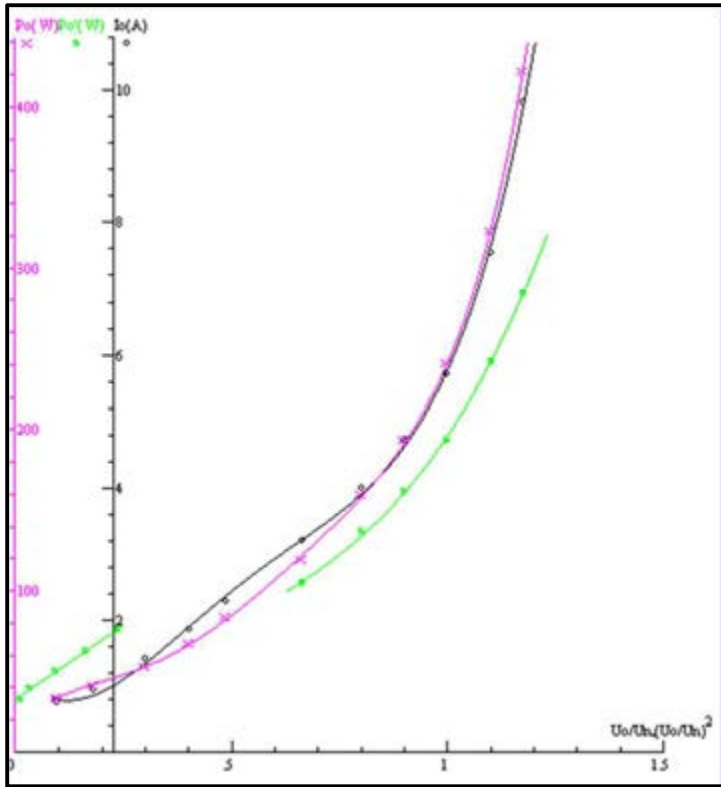
Site conditions	
Ambient temperature	from -20°C to +40°C
Altitude above sea level	1000 m

Mechanical data					
Noise level	LpA	63	dB(A)	Bearing DE side	6308-2RS-C3
	LwA	72	dB(A)	Bearing NDE side	6208-2RS-C3
Moment of inertia	0.036		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

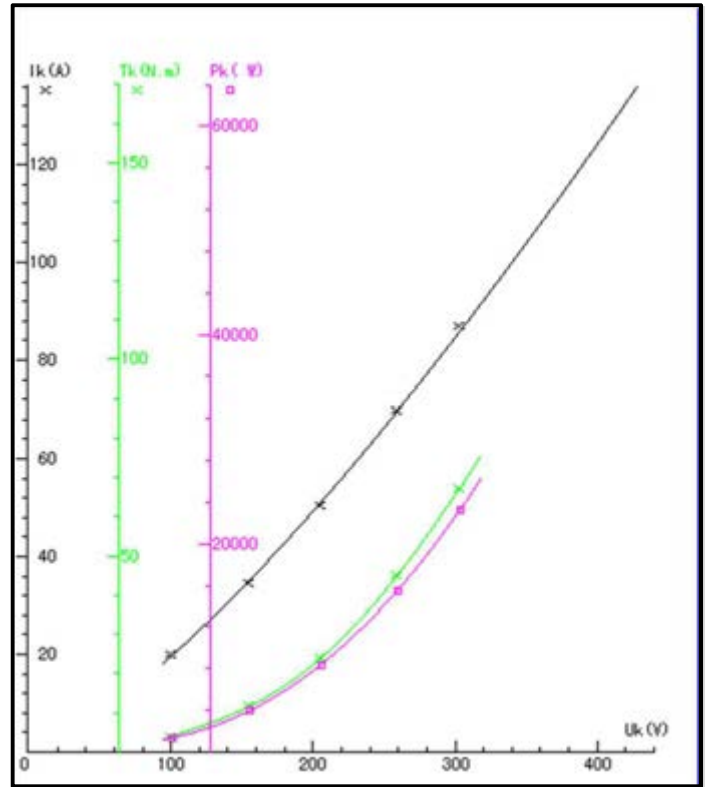
Type: T3A132M-4 Voltage: 400/690 V Design No: Shanghai Techtop Motor Co., Ltp
 Output 7,5 KW Connection: Δ /Y
 Frequency: 50 Hz Duty: S1 Report No: 20110621001

Test Item		Standard		Result	
		Nominal	Tol		
1	Efficiency %			90,54	
2	Power Factor			0,857	
3	Tem. Rise of Stator Winding K			53,8	
4	Vibration mm/s				
5	Noise Lp dB (A) (Lw)				
6	Breakdown Torque/Rated Torque			3,5	
7	Pullup Torque/Rated Torque			1,75	
8	Locked Rotor Tor./Rated Tor.			2,88	
9	Locked Rotor Cur./Rated Cur.			8,89	
10	High Voltage Test V			1800	
11	Hot Insulation Res. of Stator Winding M Ω			300	
12	Temperature of Bearing $^{\circ}$ C			66	
13	Unbalance of Current %			1,73	
14	Full Load line Current A			13,95	
15	Full-load input power (W)			8284,1	
16	Full Load torque Nm			48,746	
17	Max.temp.of enclosure surface $^{\circ}$ C			62,7	
18	No Load Current A			5,77	
19	Slip %			2,5068	
20	Winding phase resistance 95 $^{\circ}$ C			1,6374	
21	Stary-load loss (W)			91,567	
22	No-load input power (W)			240,86	
23	Core loss (W)			160,37	
24	Friction and wind age loss(W)			32,883	
25	Locked Rotor Power (W)			48549	
26	StatorI2Rloss (W)			303,19	
27	RotorI2Rloss (W)			196,05	
28	Locked Rotor Voltage 100 V	Current A	19,55	Power W	1341
		50%eff: 91,319		75%eff: 91,039	

NO LOAD



LOCKED ROTOR



LOAD

