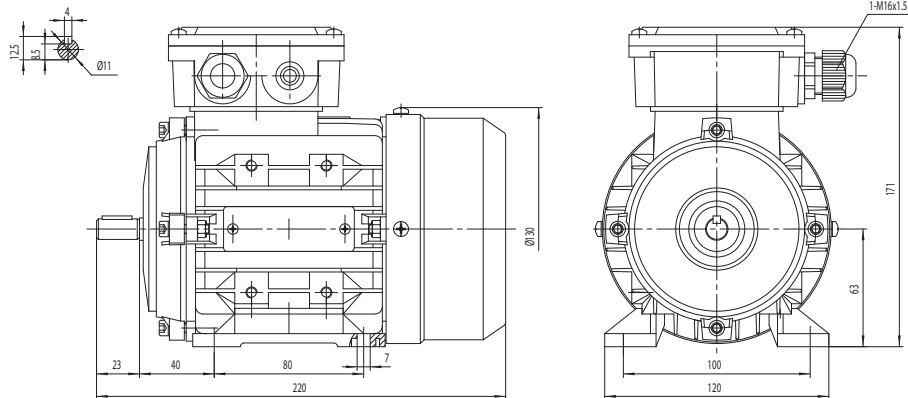


Type MS 632-4

Cod. E063040,18B3A5A00MST

Mounting position

IM	B3
IM	1001



Electrical data				General data			
Rated motor power	0.18		Kw	Frame size	63		
Rated motor speed	1310		min ⁻¹ 50Hz	Mounting	B3		
	1575		min ⁻¹ 60Hz	Weight	4.2	Kg	
Rated motor frequency	50		Hz	Casing material	Aluminum		
Rated motor voltage(+/-10%)	230		VΔ/50Hz	Protection	IP	55	
	400		VY/50Hz	Insulation class/Temperature rise	F	/	B
	280		VΔ/60Hz	Tropicalization	Yes		
	480		VY/60Hz	Vibration class	N		
Rated motor torque	1.28		Nm (Mn)	Duty	S1		
Rated motor current	1.22	VΔ/50Hz	A (In)	Direction of rotation	Bidirectional		
	0.71	VY/50Hz	A (In)	Method of cooling	IC	411	
Starting motor current	4		xIn	Cable entry	1-M16x1,5		
Starting motor torque	2.2		xMn	Standards	IEC/DIN/ISO/VDE/EN		
Breakdown motor torque	2.4		xMn	Execute at Standard	IEC 60034-1		
Starting			D.O.L.	Feet removable	Yes		
Efficiency class	IE1			Paintwork	RAL	7024	dark grey
Efficiency	50Hz	60Hz		Thermal protections	PTC 150°C		Standard
	57	-	100% load				
	-	-	75% load				
	-	-	50% load				
Power factor cosφ	0.65	0.65	100% load				

Mechanical data				Site conditions			
Noise level	LpA	67	dB(A)	Bearing DE side	6201-2RS-C3		
	LwA	76	dB(A)	Bearing NDE side	6201-2RS-C3		
Moment of inertia	0.0003		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	standard	

Type: MS632-4
Output: 0.18 kW
Frequency: 50 Hz

Voltage: 400/230 V
Connection: Y/ Δ
Duty: S1

Design list No.: SHANGHAI TOP MOTOR
Report No: 20081127005

Test Item		Standard		Result
		Nominal	Tol	
1.	Efficiency %			59.2
2.	Power Factor			0.656
3.	Tem. Rise of Stator Winding K			53
4.	Vibration mm/s			
5.	Noise Lp dB (A) (Lw)			
6.	Max Torque/Rated Torque			2.76
7.	Breakdown Torque/Rated Torque			2.52
8.	Locked Rotor Tor./Rated Tor.			3.04
9.	Locked Rotor Cur./Rated Cur.			3.47
10.	High Voltage Test V			1800
11.	Hot Insulation Res. of Stator Winding M Ω			300.0
12.	Temperature of Bearing $^{\circ}$ C			41
13.	Unbalance of Current %			0.44
14.	Full Load line Current A			0.6691
15.	Full Load input W			304.1
16.	Full Load torque Nm			1.268
17.	Max.temp.of enclosure surface $^{\circ}$ C			39.0
18.	No Load Current A			0.5707
19.	Slip %			9.666
20.	Stator Winding phase resistance Ω (75 $^{\circ}$ C)			53.621
21.	Stray Load Loss W			1.521
22.	No Load Stator Power W			76.06
23.	Core Loss W			18.21
24.	Friction & Windage Loss W			11.71
25.	Locked Rotor Power W			1347
26.	Stator I ii R Loss W			72.02
27.	Rotor I ii R Loss W			20.67
28.	Locked Rotor Voltage 100.0V	Current A	0.4828	Power W 59.21
Remark:				

Check:

Operator: