



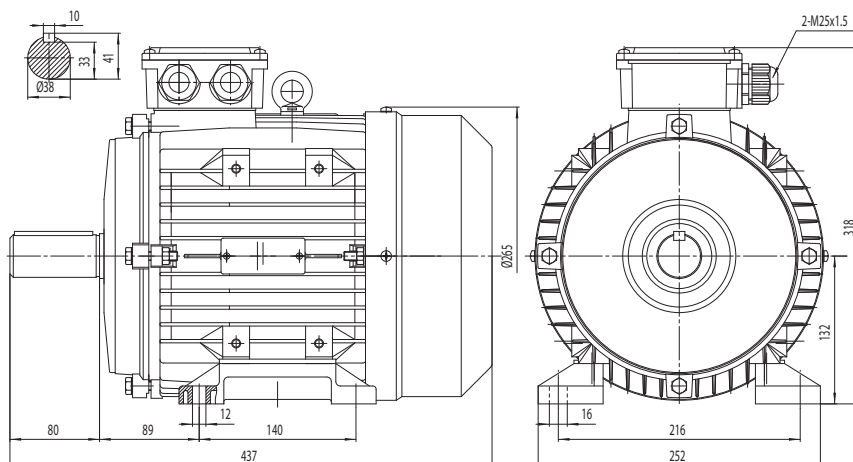
Data sheet for three-phase squirrel-cage motor

Type MS 132S-4

Cod. E132S405,53B5S5000T

Mounting position

IM	B3
IM	1001



Electrical data			
Rated motor power	5.5		Kw
Rated motor speed	1445		min ⁻¹ 50Hz
	1735		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	36.36		Nm (Mn)
Rated motor current	10.8	VΔ/50Hz	A (In)
	6.24	VY/50Hz	A (In)
Starting motor current	7		xIn
Starting motor torque	2.2		xMn
Breakdown motor torque	2.2		xMn
Starting			D.O.L.
Efficiency class	IE1		
Efficiency	50Hz	60Hz	
	86.4	-	100% load
	87.8	-	75% load
	87.7	-	50% load
Power factor cosφ	0.85	-	100% load

General data		
Frame size	132	
Mounting	B3	
Weight	40.4	Kg
Casing material	Aluminum	
Protection	IP	55
Insulation class/Temperature rise	F	/ B
Tropicalization	Yes	
Vibration class	A	
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	9006	C2 standard
Thermal protections	PTC 130°C	

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	0.03124		Kgm ²	Average bearing lifetime	40000	h
Bearings type				C&U	Relubrication interval L1 DE bearing	life h
Lubricants for bearings	See installation and maintenance manual			Relubrication interval L1 NDE bearing	life	h
				Compensation ring	NDE SIDE	standard

There may be differences between rating plate and calculated values.