

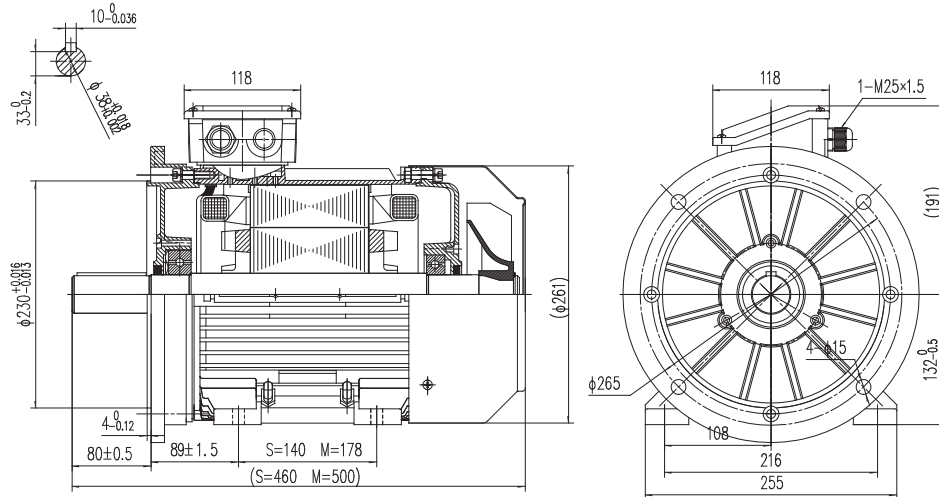
Data sheet for three-phase squirrel-cage motor

Type T3A 132M1-4

Cod. R132M407,5AB5A00000T

Mounting position

IM	B35
IM	2001



Electrical data			
Rated motor power	7.5		Kw
Rated motor speed	1460		min ⁻¹ 50Hz
	1755		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	49.08		Nm (Mn)
Rated motor current	14.3	VΔ/50Hz	A (In)
	8.27	VY/50Hz	A (In)
Starting motor current	8.9		xIn
Starting motor torque	2.6		xMn
Breakdown motor torque	3.4		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	90.4	-	100% load
	90.9	-	75% load
	90.3	-	50% load
Power factor cosφ	0.84	-	100% load

General data			
Frame size	132		
Mounting	B35		
Weight	60.53	Kg	
Casing material	Aluminum		
Protection	IP	55	
Insulation class/Temperature rise	F		
Tropicalization	Yes		
Vibration class	A		
Duty	S1		
Direction of rotation	Bidirectional		
Method of cooling	IC	411	
Cable entry	2-M25x1,5 + 1-M16x1,5		
Standards	IEC/DIN/ISO/VDE/EN		
Execute at Standard	IEC 60034-1		
Feet removable	Yes		
Paintwork	7024	C2 standard	
Thermal protections	PTC 150°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-ZZ-C3		
	LwA	72	dB(A)	Bearing NDE side	6208-ZZ-C3		
Moment of inertia	0.0436		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			Relubrication interval L1 NDE bearing	life		h
				Compensation ring	NDE SIDE		standard

There may be differences between rating plate and calculated values.