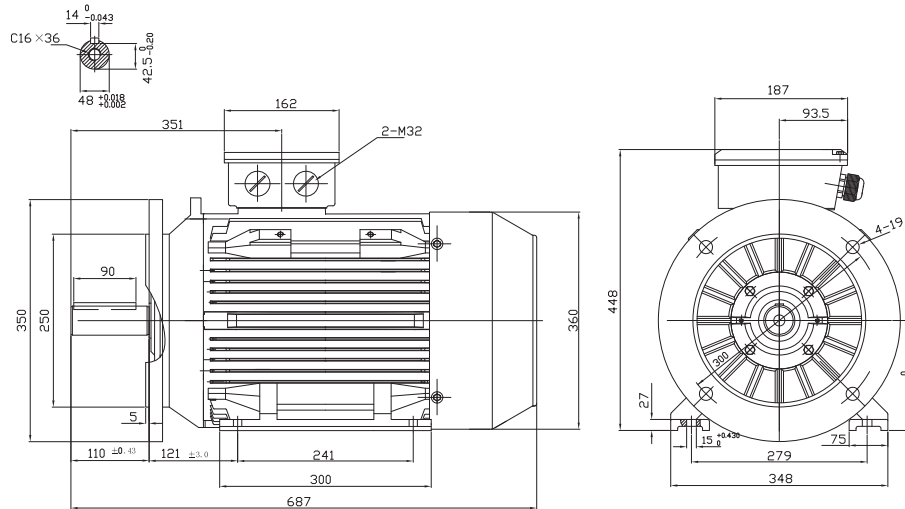


Type T3C 180M-4

Cod. R180M418,5AB5CC0000T

Mounting position

IM	B35
IM	2001



Electrical data			
Rated motor power	18.5		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	121.06		Nm (Mn)
Rated motor current	33.53	VΔ/50Hz	A (In)
	19.38	VY/50Hz	A (In)
Starting motor current	9		xIn
Starting motor torque	2.5		xMn
Breakdown motor torque	3		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	92.6	88.9	100% load
	93.6	88.3	75% load
	93	87.6	50% load
Power factor cosφ	0.86	0.86	100% load

General data			
Frame size	180		
Mounting	B35		
Weight	176.6	Kg	
Casing material	Cast iron		
Protection	IP	55	
Insulation class	H		
Tropicalization	Yes		
Vibration class	A		
Duty	S1		
Direction of rotation	Bidirectional		
Method of cooling	IC	411	
Cable entry	2-M32x1,5+1M16x1,5		
Standards	IEC/DIN/ISO/VDE/EN		
Execute at Standard	IEC 60034-1		
Feet removable	Yes		
Paintwork	n/a	Not painted	
Thermal protections	n/a		

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

Mechanical data							
Noise level	LpA	67	dB(A)	Bearing DE side	6311ZZ-C3		
	LwA	76	dB(A)	Bearing NDE side	6311ZZ-C3		
Moment of inertia	0.1553		Kgm ²	Average bearing lifetime	40000		h
Bearings type			NSK	Relubrication interval L1 DE bearing	18500		h
Lubricants for bearings	See installation and maintenance manual			Relubrication interval L1 NDE bearing	18500		h
				Compensation ring	NDE SIDE		standard

There may be differences between rating plate and calculated values.