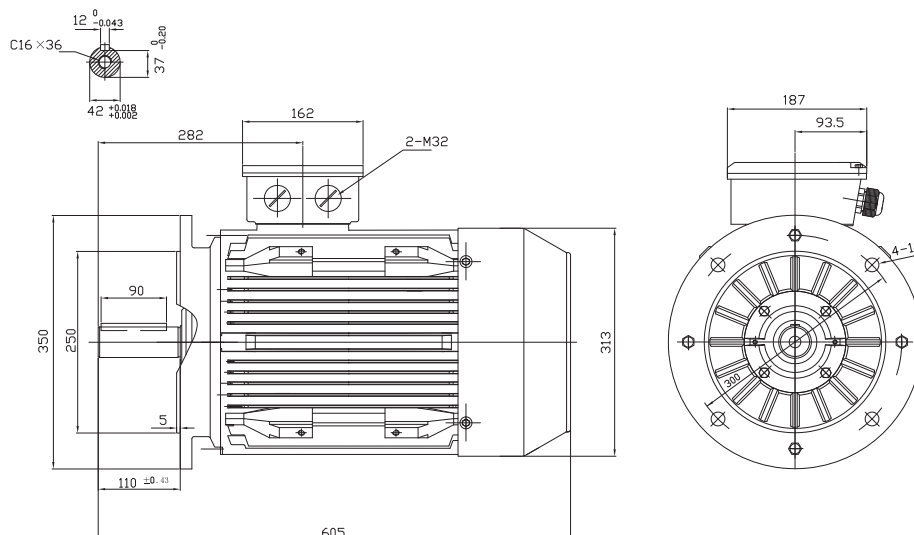


Type T3C 160M-4

Cod. R160M411,05F6C00000T

Mounting position

IM	B5
IM	3001



Electrical data			
Rated motor power	11		Kw
Rated motor speed	-		min <sup>-1</sup> 50Hz
	1740		min <sup>-1</sup> 60Hz
Rated motor frequency	60		Hz
Rated motor voltage(+/-10%)	-		VΔ/50Hz
	-		VY/50Hz
	440		VΔ/60Hz
Rated motor torque	60.4		Nm (Mn)
	18.82	VΔ/60Hz	A (In)
Rated motor current	10.88	VY/60Hz	A (In)
	10		xIn
Starting motor torque	2.5		xMn
Breakdown motor torque	3		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	-	92.8	100% load
	-	93.5	75% load
Power factor cosφ	-	92.1	50% load
	-	0.84	100% load

General data		
Frame size	160	
Mounting	B5	
Weight	132	Kg
Casing material	Cast iron	
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-M32x1,5+1M16x1,5	
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	67	dB(A)	Bearing DE side	6309ZZ-C3
	LwA	76	dB(A)	Bearing NDE side	6309ZZ-C3
Moment of inertia	0.10355		Kgm <sup>2</sup>	Average bearing lifetime	40000 h
Bearings type			NSK	Relubrication interval L1 DE bearing	21500 h
Lubricants for bearings	See installation and maintenance manual			Relubrication interval L1 NDE bearing	21500 h
				Compensation ring	NDE SIDE