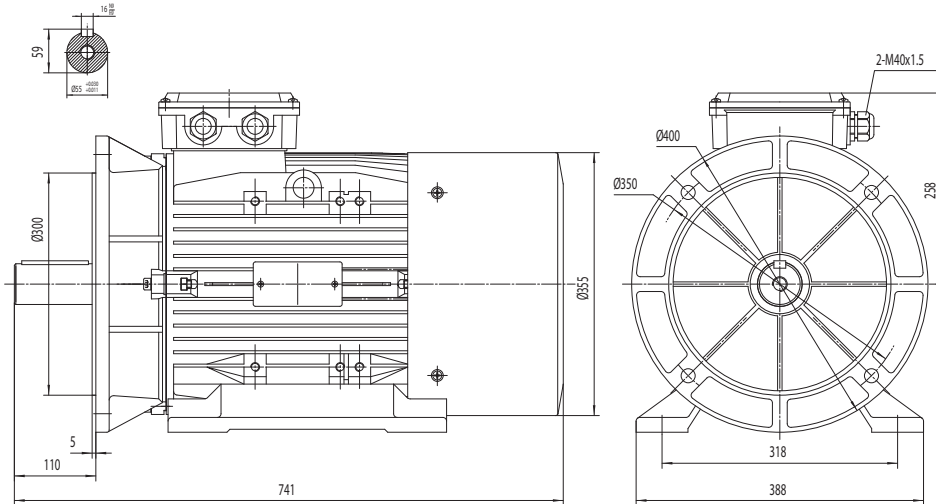


Type T3A 200L-4

Cod. R200L430,0AB5A00000T

Mounting position

IM	B35
IM	2001



Electrical data			
Rated motor power	30		Kw
Rated motor speed	1470		min <sup>-1</sup> 50Hz
	1765		min <sup>-1</sup> 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	194.98		Nm (Mn)
Rated motor current	52.6	VΔ/50Hz	A (In)
	30.4	VY/50Hz	A (In)
Starting motor current	9.7		xIn
Starting motor torque	3.2		xMn
Breakdown motor torque	3.7		xMn
Starting			D.O.L.
Efficiency class	IE3		
Efficiency	50Hz	60Hz	
	93.6	93.8	100% load
	93.7	93.1	75% load
	92.9	92.4	50% load
Power factor cosφ	0.88	0.88	100% load

General data		
Frame size	200	
Mounting	B35	
Weight	161.4	Kg
Casing material	Aluminum	
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-M40x1,5+1M16x1,5	
Standards	IEC/DIN/ISO/VDE/EN	
Execute at Standard	IEC 60034-1	
Feet removable	Yes	
Paintwork	7024	C2 standard
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	70	dB(A)	Bearing DE side	6312-2RS-C3
	LwA	79	dB(A)	Bearing NDE side	6212-2RS-C3
Moment of inertia	0.2651		Kgm <sup>2</sup>	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

There may be differences between rating plate and calculated values.

# Type Test Report

Type: T3A 200L-4

Voltage: 400 V

Output: 30 kW

Connection:  $\Delta$

Frequency: 50 Hz

Duty: S1

Test Item		Result	
1.	Efficiency %	93.8	
2.	Power Factor	0.878	
3.	Tem. Rise of Stator Winding K	62	
4.	Vibration mm/s		
5.	Noise Lp dB (A) (Lw)		
6.	Breakdown Torque/Rated Torque	3.72	
7.	Pullup Torque/Rated Torque	2.16	
8.	Locked Rotor Tor./Rated Tor.	3.28	
9.	Locked Rotor Cur./Rated Cur.	9.68	
10.	High Voltage Test V	1760	
11.	Hot Insulation Res. of Stator Winding M $\Omega$	300.	
12.	Temperature of Bearing $^{\circ}$ C	60	
13.	Unbalance of Current %	8.26	
14.	Full Load line Current A	52.56	
15.	Full Load input KW	31.976	
16.	Full Load torque Nm	195.6	
17.	Max.temp.of enclosure surface $^{\circ}$ C	47.0	
18.	No Load Current A	21.18	
19.	Slip %	1.772	
20.	Stator Winding phase resistance $\Omega$ ( $95^{\circ}$ C)	0.26562	
21.	Stray Load Loss KW	0.05636	
22.	No Load Stator Power KW	0.7654	
23.	Core Loss KW	0.4995	
24.	Friction & Windage Loss KW	0.1598	
25.	Locked Rotor Power KW	195.731	
26.	Stator I ii R Loss KW	0.7149	
27.	Rotor I ii R Loss KW	0.5451	
28.	Locked Rotor Voltage V	Current A	Power W
Remark:			

Check:

Operator: