



MOTOR DATA SHEET

Motor type: **2SIE355ML4B**

Series: **IE2**

07-05-2024

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ or Y	50	315	420	S1	527	1489	2020	2.2	2.5	7.6	95.6	96.0	95.9	0.80	0.88	0.90
690	Δ or Y	50	315	420	S1	304	1489	2020	2.2	2.5	7.6	95.6	96.0	95.9	0.80	0.88	0.90

GENERAL DATA

Efficiency class	IE2	Sound pressure level [dB]	78
Frame size	355	Sound power level [dB]	-
Number of poles	4	Terminal box position	top/ * side
Starting method	DOL, Y/Δ or VSD	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6222 C3/* 6322 C3
Frequency converter supply	yes	Bearing on ND-side	6222 C3/* 6322 C3
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	1810	Feet - material	cast iron
Moment of inertia [kgm ²]	6.4	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	Climatic execution	N

ENVIRONMENTAL CONDITIONS

Ambient temperature [°C]	up to +40	Altitude above sea level [m]	up to 1000
Relative humidity [%]	up to 95		

ACCESSORY

Number of terminals or cables	6	Temperature sensors in bearings	on demand
Cable glands/inlets	2	Winding heaters	on demand
Temperature sensors in winding	3 x PTC (1pc/phase)	Optional accessories	on demand

STANDARDS

IEC 60034-1

CERTIFICATES

on demand
