

MOTOR DATA SHEET

 Motor type: **3SIE355ML4B**

 Series: **IE3**


19-10-2019

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Δ	50	315	425	S1	525	1489	2020	2.3	2.5	7.5	96.0	96.4	96.3	0.80	0.88	0.90
690	Y	50	315	425	S1	303	1489	2020	2.3	2.5	7.5	96.0	96.4	96.3	0.80	0.88	0.90

GENERAL DATA

Efficiency class	IE3	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]	1830	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