

## MOTOR DATA SHEET

Motor type: **2SIE315L4**

Series: **IE2**



09-05-2024

### 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	50	250	335	S1	422	1484	1609	2.8	3.1	6.8	94.9	95.2	95.1	0.79	0.86	0.90
690	Y	50	250	335	S1	244	1484	1609	2.8	3.1	6.8	94.9	95.2	95.1	0.79	0.86	0.90

### GENERAL DATA

Efficiency class	IE2	Sound pressure level [dB]	82
Frame size	315	Sound power level [dB]	92
Number of poles	4	Terminal box position	top
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6322C3
Frequency converter supply	yes	Bearing on ND-side	6322C3
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	1450	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	3.66	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 + 1	Winding heaters	on demand
Temperature sensors in winding	3 x PTC	Optional accessories	on demand

### STANDARDS

IEC 60034-1

### CERTIFICATES

on demand