

## MOTOR DATA SHEET

Motor type: **2SIE315ML6**



Series: **IE2**

11-01-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ or Y	50	160	215	S1	290	987	1548	2.1	2.4	6.3	94.4	95.0	94.8	0.73	0.82	0.84
690	Δ or Y	50	160	215	S1	167	987	1548	2.1	2.4	6.3	94.4	95.0	94.8	0.73	0.82	0.84

## GENERAL DATA

Efficiency class	IE2	Sound pressure level [dB]	79
Frame size	315	Sound power level [dB]	-
Number of poles	6	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	6319C3
Frequency converter supply	yes	Bearing on ND-side	6314 C3
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	1240	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	3.5	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

As part of our development program, we reserve the rights to alter or amend any of the specifications without giving prior notice.

Copyright © 2026 Cantoni Group [www.cantongroup.com](http://www.cantongroup.com)

