CELMA indukta
since 1920

MOTOR DATA SHEET

Motor type: **2SIE250M2**

Series: **IE2**

15-06-2025

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*	*Nm*	-	-	-	*2/4*	*3/4*	*4/4*	*2/4*	*3/4*	*4/4*
400	Δ	50	55	75	S1	93	2963	177	1.7	2.2	6.0	94.0	94.1	93.6	0.87	0.90	0.91
690	Y	50	55	75	S1	54	2963	177	1.7	2.2	6.0	94.0	94.1	93.6	0.87	0.90	0.91

GENERAL DATA

Efficiency class	IE2	Sound pressure level [dB]	77
Frame size	250	Sound power level [dB]	87
Number of poles	2	Terminal box position	top
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6315C3
Frequency converter supply	yes	Bearing on ND-side	6315C3
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	492	Feet - material	cast iron
Moment of inertia [kgm2]	0.42	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

Cantoni GROUP