

# MOTOR DATA SHEET

Motor type: **3SIE355H8E**

Series: **IE3**



22-11-2024

## 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 or Y	50	315	430	S1	607	742	4054	1.3	2.0	6.0	94.4	95.0	94.8	0.65	0.75	0.79
690	Δ or Y	50	315	430	S1	351	742	4054	1.3	2.0	6.0	94.4	95.0	94.8	0.65	0.75	0.79

## GENERAL DATA

Efficiency class	IE3	Sound pressure level [dB]	77
Frame size	355	Sound power level [dB]	-
Number of poles	8	Terminal box position	top/ * side
Starting method	bezpośredni. Y/D lub VSD	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6322 C3
Frequency converter supply	yes	Bearing on ND-side	6322 C3
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Feet - material	cast iron	Moment of inertia [kgm <sup>2</sup> ]	16.0
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	2 x Pt100 (1 pc/bearing)
Cable glands/inlets	2	Winding heaters	on demand
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand

## STANDARDS

IEC 60034-1

## CERTIFICATES

on demand