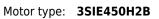


## **MOTOR DATA SHEET**





26-04-2025

Series: IE3

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	D	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at le	oad [-]
V	-	Hz	kW	HP	-	А	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
690	Δ or Y	50	710	950	S1	700	2990	2268	0.6	2.7	6.2	95.9	96.4	96.4	0.80	0.86	0.88

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	85			
Frame size	450	Sound power level [dB]	-			
Number of poles	2	Terminal box position	top			
Starting method	direct or VSD Possibility of terminal box rotation		yes			
Insulation class	F Bearing on D-side		6318 C3			
Frequency converter supply	yes	Bearing on ND-side	6318 C3			
Mounting arrangement	IMB3/B35 Bearings regreasing		yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	4160	Feet - material	cast iron			
Moment of inertia [kgm2]	17.2	Bearing shields - material	cast iron			
Direction of rotation	according to the order	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	Ν			

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	3	Temperature sensors in bearings	2 x Pt100 (1 pc/bearing)			
Cable glands/inlets	3	Winding heaters	on demand			
Temperature sensors in winding	6 x Pt100 (2pcs./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 © 2025 Cantoni Group www.cantonigroup.com