



MOTOR DATA SHEET

Motor type: **PSg132M-4**

Series: **IE1**

04-12-2025

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	9.2	12.4	S1	18.5	1455	60.38	2.6	3.2	8.0	86.3	87.7	87.3	0.64	0.76	0.82
690	Y	50	9.2	12.4	S1	10.8	1455	60.38	2.6	3.2	8.0	86.3	87.7	87.3	0.64	0.76	0.82

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	62
Frame size	132	Sound power level [dB]	75
Number of poles	4	Terminal box position	top
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes
Bearing on D-side	6308 2Z C3	Frequency converter supply	yes
Bearing on ND-side	6308 2Z C3	Mounting arrangement	IMB3/B5/B35
Bearings regreasing	on demand	Cooling method	IC411
Housing - material	cast iron	Weight (IMB3) [kg]	77.0
Feet - material	cast iron	Moment of inertia [kgm ²]	0.043
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	1	Winding heaters	on demand
Temperature sensors in winding	on demand	Optional accessories	on demand

STANDARDS

IEC 60034-1

CERTIFICATES

on demand