



## MOTOR DATA SHEET

Motor type: **dSg225S4-EP**

Series: **GENERAL PURPOSE**

06-05-2024

### 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	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
1000	Y	50	37	50	S1	26.2	1475	240	2.1	2.2	6.3	92.6	93.0	92.6	0.8	0.86	0.88

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	72
Frame size	225	Sound power level [dB]	82
Number of poles	4	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	NU313
Frequency converter supply	on demand	Bearing on ND-side	6313C3
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight [kg]	365	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	0.44	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	Climatic execution	N

### ENVIRONMENTAL CONDITIONS

Ambient temperature [°C]	from -20 up to +40	Altitude above sea level [m]	up to 1000
Relative humidity [%]	up to 100		

### ACCESSORY

Number of terminals or cables	3	Temperature sensors in bearings	2 x bimetallic (1pc/bearing)
Cable glands/inlets	1	Winding heaters	on demand
Temperature sensors in winding	3 x bimetallic	Optional accessories	on demand

### STANDARDS

IEC 60034-1, IEC 60079-0, IEC 60079-1

### CERTIFICATES

ATEX, EAC, BiH

### ADDITIONAL INFO

Ex marking	I M2 Ex db I Mb / II2G Ex db IIA T5 Gb	
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