

## MOTOR DATA SHEET

Motor type: **dSg100L6**

Series: **GENERAL PURPOSE**



24-02-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
1000	Y	50	1.5	2	S1	1.4	962	14.9	1.9	2.3	4.6	-	-	81.4	-	-	0.74

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	100	Sound power level [dB]	-
Number of poles	6	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	62062Z
Frequency converter supply	on demand	Bearing on ND-side	62062Z
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	47	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	0.009	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP54	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	on demand
Cable glands/inlets	1	Winding heaters	on demand
Temperature sensors in winding	on demand	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 IIIB T5 Gb	
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