

## **MOTOR DATA SHEET**

Motor type: **dSg100L2** 

Series: **GENERAL PURPOSE** 



10-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	D	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
1000	Y	50	3	4	S1	2.4	2905	9.9	2.7	2.8	7.5	81.7	83.6	83.4	0.68	0.79	0.86

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	63			
Frame size	100	Sound power level [dB]	73			
Number of poles	2	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]	48	Feet - material	cast iron			
Moment of inertia [kgm2]	0.0048	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 IIB T5 Gb					

