

## **MOTOR DATA SHEET**

Motor type: dSg100L4B

Series: General purpose



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	Þ	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	2.6	1415	20.2	2.6	2.7	5.8	76.3	79.6	81.0	0.60	0.73	0.81

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	61				
Frame size	100	Sound power level [dB]	71				
Number of poles	4	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]	50	Feet - material	cast iron				
Moment of inertia [kgm2]	0.0065	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					

