

MOTOR DATA SHEET

Motor type: dSg160L8-EP

Series: **GENERAL PURPOSE**



11-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	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	7.5	10	S1	6.6	708	101	2.7	3	5.7	83.7	84.5	83.5	0.60	0.72	0.78

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	55			
Frame size	160	Sound power level [dB]	65			
Number of poles	8	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	63092Z			
Frequency converter supply	on demand	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	160	Feet - material	cast iron			
Moment of inertia [kgm2]	0.1	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	1 x bimetal (D-side)				
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					

