

MOTOR DATA SHEET

Motor type: dSg160M8B-EP

Series: **GENERAL PURPOSE**



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	I	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	5.5	7.5	S1	5.1	705	74	2.5	3.1	5.5	81.7	83.1	82.5	0.55	0.68	0.75

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	52		
Frame size	160	Sound power level [dB]	62		
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]	140	Feet - material	cast iron		
Moment of inertia [kgm2]	0.08	Bearing shields - material	cast iron		
Direction of rotation	CW/CCW	Painting	RAL5010		
Degree of protection	IP55	Climatic execution	N		

	ENVIRONMENT	RONMENTAL 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				

