

MOTOR DATA SHEET

Motor type: dSg160M8A-EP

Series: **General purpose**



30-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	D	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	4	5.5	S1	3.8	710	54	2.1	2.7	5.1	80.0	81.6	81.0	0.54	0.67	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]	130	Feet - material	cast iron			
Moment of inertia [kgm2]	0.06	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

	ENVIRONMENT			
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				

