

MOTOR DATA SHEET

Motor type: dSg160M6-EP

Series: **GENERAL PURPOSE**



04-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	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	6.1	962	74	2.2	3	6.4	85.3	86.8	87.5	0.61	0.73	0.81

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	55		
Frame size	160	Sound power level [dB]	65		
Number of poles	6	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]	145	Feet - material	cast iron		
Moment of inertia [kgm2]	0.07	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				

