

MOTOR DATA SHEET

Motor type: **Sf315XK4**

Series: Standard efficiency



27-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	0	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficie	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
6000	Y	50	160	220	S1	19.3	1484	1030	1.1	2.5	5.6	-	-	92.8	-	-	0.86

GENERAL DATA				
Efficiency class	-	Sound pressure level [dB]	-	
Frame size	315	Sound power level [dB]	-	
Number of poles	4	Terminal box position	on right side	
Starting method	DOL	Possibility of terminal box rotation	yes	
Insulation class	F	Bearing on D-side	6320MC3	
Frequency converter supply	on demand	Bearing on ND-side	NU320EM1	
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes	
Cooling method	IC611	Housing - material	steel	
Weight (IMB3) [kg]	1400	Feet - material	steel	
Moment of inertia [kgm2]	4.2	Bearing shields - material	steel	
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 95			

ACCESSORY					
Number of terminals or cables	3 Temperature sensors in bearings		2 x Pt100 (1 pc/bearing)		
Cable glands/inlets	1	Winding heaters	on demand		
Temperature sensors in winding	6 x Pt100 (2 pcs./phase)	Optional accessories	on demand		

STANDARDS	
IEC60034-1	

CERTIFICATES				
on de	emand			

