

## **MOTOR DATA SHEET**

Motor type: Sf355X4C-E

Series: STANDARD EFFICIENCY



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at lo	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	315	430	S1	37.6	1486	2024	1.8	2.5	6	-	1	93.7	-	-	0.86

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	355	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	NU222EM1+6222MC3			
Frequency converter supply	on demand	Bearing on ND-side	NU222EM1			
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes			
Cooling method	IC611	Housing - material	steel			
Weight (IMB3) [kg]	2430	Feet - material	steel			
Moment of inertia [kgm2]	9.4	Bearing shields - material	steel			
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 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 demand					

