

MOTOR DATA SHEET

Motor type: **Sf355Y6-E**

Series: STANDARD EFFICIENCY



11-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	Þ	Duty	1	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
6000	Y	50	250	340	S1	31.2	985	2424	2	2.4	5.8	-	-	93.9	-	-	0.82

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	355	Sound power level [dB]	-			
Number of poles	6	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]	2450	Feet - material	steel			
Moment of inertia [kgm2]	13.1	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					

