

## **MOTOR DATA SHEET**

Motor type: **Sh90L-10** 

Series: **ABOVE 8-POLES** 



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	9	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	0.37	0.50	S1	2.62	565	6.25	1.9	2.15	2.3	50.7	58.9	63.4	0.45	0.50	0.56
400	Y	50	0.37	0.50	S1	1.5	565	6.25	1.9	2.15	2.3	50.7	58.9	63.4	0.45	0.50	0.56

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	63			
Frame size	90	Sound power level [dB]	53			
Number of poles	10	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6205 2Z C3			
Frequency converter supply	yes	Bearing on ND-side	6205 2Z C3			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	20	Feet - material	aluminium			
Moment of inertia [kgm2]	0.0030	Bearing shields - material	aluminium			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY							
Number of terminals or cables	6	Temperature sensors in bearings	on demand				
Cable glands/inlets	1	Winding heaters	on demand				
Temperature sensors in winding	on demand	Optional accessories	on demand				

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

