

MOTOR DATA SHEET

Motor type: Sh90-4_2L

Series: MULTI SPEED



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	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
400	Δ	50	0.9	1.19	S1	2.6	1350	6.32	1.7	1.7	2.8	-	-	72.0	-	-	0.72
400	YY	50	1.4	1.9	S1	3.6	2750	4.86	2.0	1.8	3.5	-	-	72.0	-	-	0.82

GENERAL DATA				
Efficiency class	-	Sound pressure level [dB]	-	
Frame size	90	Sound power level [dB]	-	
Number of poles	4 2	Terminal box position	top	
Starting method	DOL / DOL	Possibility of terminal box rotation	yes	
Insulation class	F	Bearing on D-side	62052Z	
Frequency converter supply	on demand	Bearing on ND-side	62052Z	
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no	
Cooling method	IC411	Housing - material	aluminium	
Weight (IMB3) [kg]	13.5	Feet - material	aluminium	
Moment of inertia [kgm2]	0.0032	Bearing shields - material	aluminium	
Direction of rotation	CW/CCW	Painting	RAL5010	
Degree of protection	IP 54/IP 55	Climatic execution	U/2	

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				

STANDARDS	
IEC 60034-1	

CERTIFICATES
on demand

