CANTONI MOTOR

MOTOR DATA SHEET

Motor type: **Sh90L-4_2B**

Series: **MULTI SPEED**

13-06-2025

ELECTRICAL PARAMETERS

U	*CONN.*	*f*	*P*		*Duty*	*I*	*n*	*T*	*TL/T*	*TB/T*	*IL/I*	*Efficiency at load [%]*			*Power factor at load [-]*		
V	-	*Hz*	*kW*	*HP*	-	*A*	*rpm*	*Nm*	-	-	-	*2/4*	*3/4*	*4/4*	*2/4*	*3/4*	*4/4*
400	Δ	50	1.4	1.90	S1	3.4	1405	9.52	1.8	2.2	4.4	72.4	75.0	73.7	0.58	0.72	0.80
400	YY	50	2.0	2.7	S1	4.3	2750	6.95	1.65	2.2	4.4	77.1	77.2	74.3	0.75	0.86	0.91

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	62|65
Frame size	90	Sound power level [dB]	78|78
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]	16.2	Feet - material	aluminium
Moment of inertia [kgm2]	0.0028	Bearing shields - material	aluminium
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP 55	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

Cantoni GROUP