

MOTOR DATA SHEET

Motor type: Sh80-6_4A

Series: MULTI SPEED



22-10-2025

	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 l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y	50	0.12	0.16	S1	0.8	960	1.19	1.7	2.6	2.5	-	-	42.0	-	-	0.55
400	Y	50	0.37	0.50	S1	1.2	1390	2.54	1.4	1.6	2.7	-	-	59.0	-	-	0.80

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	-		
Frame size	80	Sound power level [dB]	-		
Number of poles	6 4	Terminal box position	top		
Starting method	DOL / DOL	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	62042Z		
Frequency converter supply	on demand	Bearing on ND-side	62042Z		
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no		
Cooling method	IC411	Housing - material	aluminium		
Weight (IMB3) [kg]	7.5	Feet - material	aluminium		
Moment of inertia [kgm2]	0.001693	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				

	ACCES	SSORY	
Number of terminals or cables	6		

STANDARDS	
IEC 60034-1	

CERTIFICATES
on demand

