

MOTOR DATA SHEET

Motor type: **Sh80-4_2AW**

Series: Multi speed



21-11-2025

	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	0.15	0.2	S1	0.5	1380	1.04	1.5	1.6	3.2	-	-	64.0	-	-	0.78
400	YY	50	0.70	0.92	S1	2.2	2730	2.45	1.5	1.6	2.6	-	-	61.0	-	-	0.84

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	-		
Frame size	80	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	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]	7.8	Feet - material	aluminium		
Moment of inertia [kgm2]	0.001578	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

