

STANDARD MOTOR DATA



No.	Definition	Data			
1	Product	Three phase induction motor			
2	Efficiency class	IE1			
3	Type / Frame	Y3 132S2-2			
4	Rated output	7.5	kW		
5	Mounting	B3			
6	Service Factor	1.0			
7	Type of duty	S1			
8	Winding connection	Delta			
9	Rated voltage	400	Volts		
10	Rated frequency	50	Hz		
11	Poles	2			
12	Rated speed	2920	rpm		
13	Rated current	14.2	Amps		
14	Ist/In	7			
15	Starting current	99.4	Amps		
16	Full Load torque	24.5	N·m		
17	Tst/Tn	2.4			
18	Locked rotor torque	58.9	N·m		
19	Tmax/Tn	2.8			
20	Maximum torque	68.7	N·m		
	Load characteristics (IEC 60034-2-1)	Load %	Current A	Efficiency %	Power Factor
21		100	14.2	86.6	0.88
22		75	11.1	86.8	0.84
23		50	8.5	84.6	0.75
24	Insulation class / Temperature class	F/B			
25	Ambient Temperature	-15 ~ +45			°C
26	Altitude	1000			m
27	Enclosure	IP55			
28	Cooling system	IC411			
29	Bearing DE/NDE	6308 2Z / 6308 2Z			
30	Type of Grease	No. 3 Lithum grease			
31	Sound pressure level (Lp dB(A) 1m)	80	dB(A)		
32	Position of terminal box	Top			
33	Direction of rotation	Bi-directional			
34	Winding PTC	N/A			
35	Bearings with regreasing nipple	N/A			
36	Total weight of motor	61	kg		
37	Outline dimensions(LxWxH)	470x270x345			mm
38	Shaft end demensions (DxExF)	φ38x80x10			mm

Remarks:

MOTORELLI ELECTRIC MOTORS Y3 132S2-2 7.5 kW 2 P 400 V 50 Hz	SCALE			
	DATE		REVISION	
	DRAWN		DRAWING NO.	
	APP'D	Mark		
	CHECKED	MENG		