

KOSMO PUMPS ELECTRIC MOTOR



Manufacturer: **GW ELECTRIC (ShangHai) ,Ltd**
Model: **YSJ7124-SDE**

0.37kW - 4 Poles IP55 F 220-240V - 380-415V 50Hz
440-480V 60Hz

ELECTRICAL DATA			50 / 60Hz					50 / 60Hz		
Rated Voltage	Volt	220-240 / 440-480 380-415	Current	Rated	In	A	1.9-2.16 / 0.98-1.08 1.12-1.25			
				Starting	Is	A	6.86-9.46 / 4.49-6.01 4.04-5.47			
					Is/In	-	3.61-4.38 / 4.58-5.56			
Rated Power Output	kW	0.37	Torque	Rated	Mn	Nm	2.52 / 2.08			
Phases	-	3		Starting	Ms	Nm	7.58 / 7.73			
Poles	-	4		Maximum	Mm	Nm	6.63 / 6.93			
Rated Motor Speed	rpm	1400/1700			Ms/Mn	-	3.01 / 3.72			
Efficiency Class	-	--			Mm/Mn	-	2.63 / 3.33			
Efficiency Rated Power[100% Max Load]	%	70	Capacitor	Run [450 V]		μF	-			
				Start [250 V]		μF	-			
Cos φ	-	0.70/0.66	Starting Type							Direct on line

GENERAL DATA					
Standard and Specifications	-	IEC – CENELEC CEI-UNEL – BS – NFC DIN-VDE - UNE	Frame Size	-	71
Type of Construction	-	IM B5-V1 (without Canopy)	Frame Material	-	Aluminum
Mechanical Protection Degree (motor enclosure)	-	IP55	Mechanical Protection Degree (terminal box)	-	IP55
Method of Cooling TEFC	-	IC 411	Vibration Class	-	N (Standard)
Insulation	-	F	Duty Type	-	S1
Tropical Finish	-	NO	Motor Type	-	Squirrel-Cage
Direction of Rotation	-	Indifferently	Estimated Empty Weight	kg	5.9

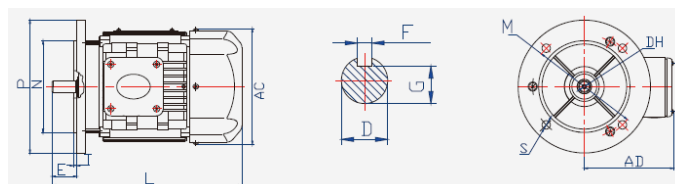
MECHANICAL DATA					
Noise 50/60 Hz	dB(A)	60 / 65	Moment of Inertia	10 ⁻³ Kgm ²	-
Bearing AS	-	6203 2ZC3	Bearing BS	-	6203 2ZC3
Type Bearing	-	Ball	Regreasing device	-	NO
Type of Lubrification	-	-	Relubrication interval at 40°C / 25°C	h	-
Quantity of grease for relubrication	gr	-	Painting / Colour	-	Manufacturer STD

TERMINAL BOX			
Material of terminal box	-	Aluminum	<p>Connection diagram for asynchronous motors</p> <p>Y Δ</p>
Terminal screw thread	-	M4	
Cable Diameter min / max	mm		
Cable gland	-	M20 X 1.5	
Type of terminal box	-	-	
Max cable diameter	mm ²	-	
Cable entry	-	See general drawing	

FLAME PROTECTION		
Flame Proof Enclosure	-	NO

DIMENSIONAL DRAWING

Frame	Flange	Mounting Dimensions (mm)										Overall Installation Dimension		
		D	DH	E	F	G	M	N	P	S	T	AC	AD	L
71	FF130	14 ^{+0.008} _{-0.003}	M5*12.5	30±0.260	5 ⁰ _{-0.030}	11 ⁰ _{-0.10}	130	110 ^{+0.013} _{-0.009}	160	10 ^{+0.360} ₀	3.5 ⁰ _{-0.120}	141	116	240



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Technical data can be changed without notice