

KOSMO PUMPS ELECTRIC MOTOR



Manufacturer: **GW ELECTRIC (ShangHai) ,Ltd**
Model: **YSJ8014-SDE**

0.55kW -4 Poles IP55 F 220-240V - 380-415V 50Hz
440-480V 60Hz

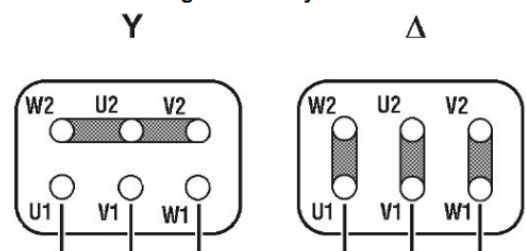
ELECTRICAL DATA		50 / 60Hz				50 / 60Hz		
Rated Voltage	Volt	220-240 / 440-480 380-415		Current	Rated	In	A	2.58-2.72 / 1.31-1.40 1.46-1.57
					Starting	Is	A	11.5-14.66 / 7.21-9.41 6.48-8.46
					Is/In		-	4.44-5.39 / 5.5-6.72
Rated Power Output	kW	0.55		Torque	Rated	Mn	Nm	3.75 / 3.07
Phases	-	3			Starting	Ms	Nm	12.61 / 12.19
Poles	-	4			Maximum	Mm	Nm	10.16 / 10.25
Rated Motor Speed	rpm	1400 /1710			Ms/Mn			3.36 / 3.97
Efficiency Class	-	--		Mm/Mn				2.71 / 3.34
Efficiency Rated Power[100% Max Load]	%	74		Capacitor	Run [450 V]		μF	-
					Start [250 V]		μF	-
Cos φ	-	0.74/0.71		Starting Type		Direct on line		

GENERAL DATA							
Standard and Specifications	-	IEC – CENELEC CEI-UNEL – BS – NFC DIN-VDE - UNE		Frame Size	-	80	
Type of Construction	-	IM B5-V1 (without Canopy)		Frame Material	-	Aluminum	
Mechanical Protection Degree (motor enclose)	-	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	9.5	

MECHANICAL DATA							
Noise 50/60 Hz	dB(A)	60 / 65		Moment of Inertia	10 ⁻³ Kg ^m ²	-	
Bearing AS	-	6204 2ZC3		Bearing BS	-	6204 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	
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	

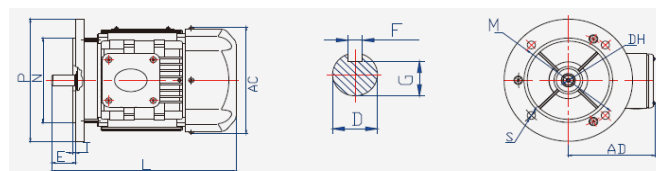
Connection diagram for asynchronous motors



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
80	FF165	19 ^{+0.009} _{-0.004}	M6*16	40±0.310	6 ⁰ _{-0.030}	15.5 ⁰ _{-0.10}	165	130 ^{+0.013} _{-0.009}	200	12 ^{+0.430} ₀	3.5 ⁰ _{-0.120}	159	126.5	282



info@createflow.cz
www.createflow.cz

Your Choice,
Our Commitment

Create Flow

1 of 1

+420 722 712 652

Technical data can be changed without notice.
TD SPR0104217_0.55KW YSJ8014-SDE M80 B5_rev2.0.