

SPRING PUMPS

ELECTRIC MOTOR



Manufacturer: SACEMI-GAMAR s.r.l.
Model: ZCO 63 B4

0.12 kW - 4 Poles IP55 F/B 230V 50Hz

ELECTRICAL DATA			50 Hz						50 Hz	
Rated Voltage	Volt	230	Current	Rated	In	A	1			
				Starting	Is	A	2.50			
Rated Power Output	kW	0. 12		Is/In	-	2.5				
Phases	-	1	Torque	Rated	Mn	Nm	0.82			
Poles	-	4		Starting	Ms	Nm	0..51			
Rated Motor Speed	rpm	1400		Maximum	Mm	Nm	1.48			
Efficiency Class	-	-		Ms/Mn	-	0.62				
Efficiency Rated Power [100% Max Load]	%	58.0		Mm/Mn	-	1.48				
			Capacitor	Run [450 V]		μF	5			
				Start [250 V]		μF	-			
Cos φ	-	0.82	Starting Type				Direct on line			

GENERAL DATA					
Standard and Specifications	-	IEC – CENELEC CEI-UNEL – BS – NFC DIN-VDE - UNE	Frame Size	-	63
Type of Costruction	-	IM B14-V1 (without Canopy)	Frame Material	-	Aluminium
Mechanical Protection Degree (motor enclose)	-	IP55	Mechanical Protection Degree (terminal box)	-	IP55
Method of Cooling TEFC	-	IC 411	Vibration Class	-	N (Standard)
Insulation	-	F/B	Duty Type	-	S1
Tropical Finish	-	NO	Motor Type	-	Squirrel-Cage
Direction of Rotation	-	CCW	Estimated Empty Weight	kg	4.4

MECHANICAL DATA					
Noise 50/60 Hz	dB(A)	43 / 47	Moment of Inertia	10 ⁻³ Kg m ²	0.263
Bearing AS	-	6202 2ZC3	Bearing BS	-	6202 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

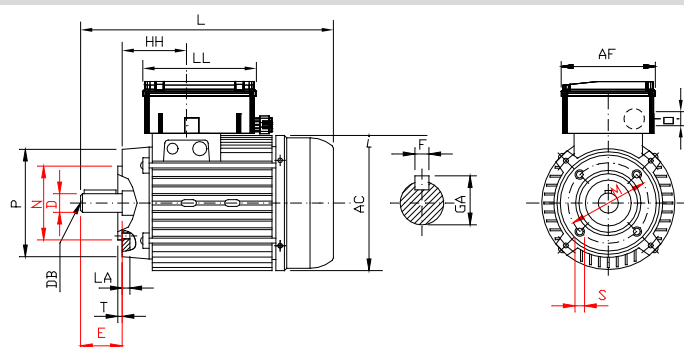
TERMINAL BOX		
Material of terminal box	-	Plastic
Terminal screw thread	-	M4
Cable Diameter min / max	mm	5 / 11
Cable gland	-	PG11
Type of terminal box	-	-
Max cable diameter	mm ²	-
Cable entry	-	See general arrangement dwg

Connection diagram for asynchronous motors
single phase motor - capacitor *permanently*



EXPLOSION PROTECTION		
Explosion Proof Enclosure	-	NO

DIMENSIONAL DRAWING



OVERALL DIMENSION

AC	AF	HH	L	LL	O
124	92	68	214	121	PG11

COUPLING

LA	M	N	P	S	T
7	75	60	90	M5	2.5

SHAFT

D	DB	E	F	GA
11	M4	23	4	12.5

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Our Commitment