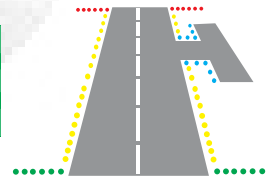


## Faro Rotativo

# FAR600 L801

Faro de Aeródromo / Helipuerto Media Intensidad



## Características técnicas

EL FAR 600, faro de aeródromo, está diseñado para operaciones nocturnas, como localizador de aeródromos o helipuertos.

### ■ FAR 600/2 L801A

Lámparas: 2 par 56 de 220 V. 500 W.

Filtros para aeródromos: verde, incoloro

### ■ FAR 600/3 L801H

Lámparas: 3 par 56 de 220 V. 300 W.

Filtros para helipuertos: verde, incoloro, ámbar.

**Alimentación:** 220 V.

**Consumo:** 720W. / 1.020W.

**Destellos:** 24 Fpm 2 luces / 36 Fpm 3 luces

**Ángulo:** ajustable al requerimiento del aeródromo.

**Visibilidad:** nocturno 20 Km.

**Motor:** conjunto motoreductor en una sola pieza con funcionamiento a planetario.

**RPM:** 12 rpm 50hz 120W

Diseñado bajo OACI anexo 14 y FAA AC 150/5345-12 L 801.



*\*Sujeto a cambio sin previo aviso*



**EQUIPAMIENTO AERONAUTICO**

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# FAR600 L801

Faro de Aeródromo / Heliporto Media Intensidad

## Faro Rotativo

### DATOS TÉCNICOS DEL MOTOR UTILIZADO

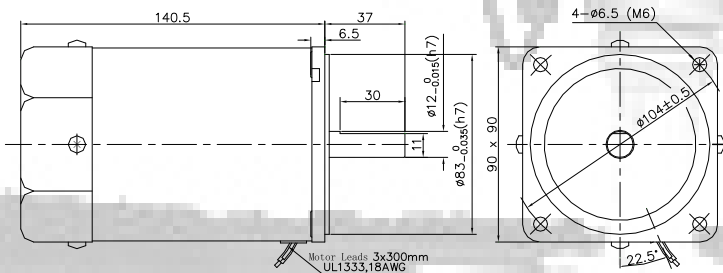
#### Induction Motors 120W (GU) Frame Size: □90mm (□3.54 in.)

- General specifications for AC motors:

Item	Specifications
Insulation Resistance	100 MΩ or more when 500VDC is applied between the windings and the frame
Dielectric Strength	Sufficient to withstand 1.5 kV at 50/60Hz applied between the windings and the frame for 1 minute
Temperature Rise	Temperature rise of windings should be lower than 80°C. (60°C with fan)
Insulation Class	Class B (130°C)
Overheat Protection	Build in thermal protector (automatic return); Class B (O: 120±5°C, C: 75±15°C)
Ambient Humidity	85% or less (Noncondensing)
Degree of Protection	Lead wire type: IP20; Terminal Box Type: IP54

Notes: Above specifications is for motor operated under normal ambient temperature and humidity conditions

- Motor Dimensions:

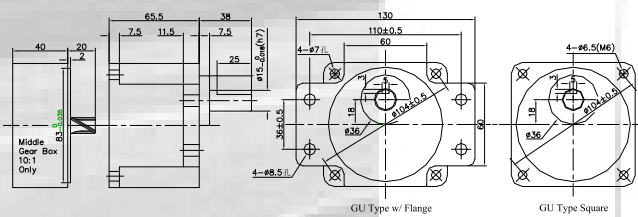


- Induction motor specifications-continuous Rating (leads wire type)

Model		Output Power	Voltage	Freq.	Current	Starting Torque	Rated Torque	Rated Speed	Capacitor
Pinion Shaft	Round Shaft	W	Vac	Hz	Amp	mN.m	mN.m	r/min	μF/V
5IK120GU-AF	5IK120A-AF	120	1ph110	50	2.1	600	930	1250	30/250
				60	2.5		750	1550	
5IK120GU-CF	5IK120A-CF	120	1ph220	50	1	650	930	1250	7/450
			1ph230		0.95			1450	
5IK120GU-SF	5IK120A-SF	120	3ph220	50	0.7	1850	930	1250	-
				60	0.6	1600	750	1550	

- These motors have built in thermal protectors: If a motor overheats the thermal protector opens and the motor stops. When the motor temperature drops to the rated level, the thermal protector closes and the motor restarts.

- Gearhead dimensions & weight:



Item	Ratio	Weight	
		L mm	Kg / lb
Gearhead (5GUxxK)	3 - 9	65.5	1.21 / 2.66
	10-18		1.30 / 2.86
	20 - 75		1.40 / 3.08
	90 - 200		1.45 / 3.19
10:1 middle gearbox	40	0.6 / 1.32	
Motor	141	3.6 / 7.92	

- Gear Motor-Torque Table

Model	Gear Ratio	X:1	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180	200			
			81												73				66				59			
			Efficiency %																							
5IK120GU-A 5IK120GU-C 5IK120GU-S	5GU□KB	50Hz	RPM	500	417	300	250	200	166	120	100	83	60	50	41	30	25	20	16	15	12.5	10	8.3	7.5		
			Nm	2.3	2.7	3.8	4.5	5.6	6.8	8.5	10.2	12.2	15.3	18.4	20	20	20	20	20	20	20	20	20	20	20	
		60Hz	RPM	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15	12	10	9		
			Nm	1.8	2.2	3	3.6	4.6	5.5	6.8	8.2	9.8	12.4	14.9	17.8	20	20	20	20	20	20	20	20	20	20	
		Kg.cm	18.3	22.4	30.6	36.7	46.9	56.1	69.5	83.6	100	126	152	181	200	200	200	200	200	200	200	200	200	200	200	

- Enter the gear ratio in the box □. Colored background indicates the output shaft rotate in the same direction as the motor shaft.
- The speed is calculated based on the synchronous speed (50 Hz: 1500rpm; 60Hz: 1800 rpm) by the gear ratio.
- Higher gear ratio (>200) can be achieved by adding a middle gearbox (10:1 only). Using Middle Gearbox limits Max.torque to 3Nm (30kg.cm)

\*Sujeto a cambio sin previo aviso



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**FAR600** L801

Faro de Aeródromo / Helipuerto Media Intensidad

**DATOS TÉCNICOS DE LAMPARAS****Faro Rotativo****FAR 600 /2 LAMPARA PAR 56 500W****Performance data**

Nominal beam angle [°]	19
Nominal center beam candlepower (CBCP) [cd]	96000
Weighted energy consumption [kWh/1000h]	550.11
Rated Life [h]	4000
Nominal correlated colour temperature (CCT) [K]	2950
Nominal lumens [lm]	7650
Colour Rendering Index (CRI) [Ra]	100

**FAR 600 /3 LAMPARA PAR 56 300W****Performance data**

Nominal beam angle [°]	19
Nominal center beam candlepower (CBCP) [cd]	40000
Weighted energy consumption [kWh/1000h]	285.58
Rated Life [h]	2000
Nominal correlated colour temperature (CCT) [K]	2750
Nominal lumens [lm]	3450

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