TEKSAV TEKNOLOJİ

WIND CONE

APPLICATIONS

A wind cone visually indicates prevailing wind direction at a particular location on an airfield or heliport. Wind cones are commonly supplied with a single obstruction light and four floodlights to illuminate the windsock. The customer may select lighting and windsock colour.

FEATURES:

WINDSOCK: is made of lightweight synthetic fabric as a truncated cone, in the following sizes:

- Model 800: Ø max 0.90 m, Ø min 0.45 m, 3.75 m long, height of the sock center above the ground 5.40 m
- Model 400: Ø max 0.60 m, Ø min 0.30 m, 2.40 m long, height of the sock center above the ground 3.35 m
- The socks are available in different colors:
- orange or red and white (stripes) (Models 800 and 400)

REVOLVING FRAME: an aluminum pipe with a robust aluminum structure, holding the wind sock open; it is mounted on roller bearings for free rotation.

OUTSIDE LIGHTING ASSEMBLY: when required, it consists of a supporting pipe with a connection box on the top, which four steel arms are fixed to, ending with lamp holders. The lamps are in the following ratings:

- Model 800: 180 W, 220 V, E 27 base, 2000 hour rated life
- Model 400: 90 W, 220 V, E 27 base, 2000 hour rated life

OBSTRUCTION LIGHTING: (only for lighted wind cone versions) if required, on the top of the wind cone, for models 800 and 400, a single or double obstruction light, with 60 W, 220-240 V lamp(s), E 27 base, 8000 hour rated life. As option it is possible to require lamp(s) rated 100 W

All the models can be equipped with LED obstruction fittings. The power consumption of a single light is 12 VA and the rated life exceeds 60000 hours

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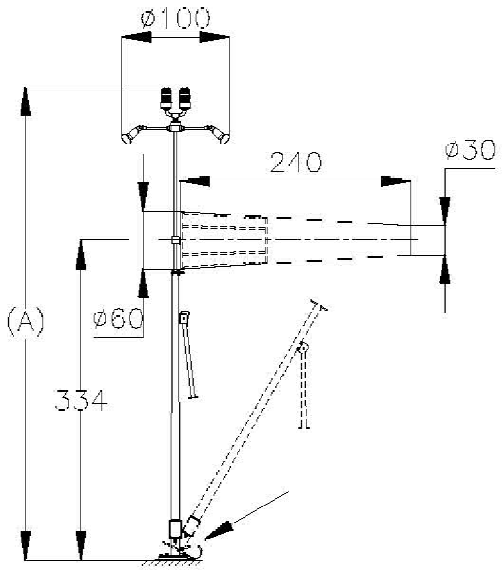
MOUNTING POLE: polygonal section, is made of steel sheet, complete with base flange. The connection box is fixed to the mounting pole. For MVF type, the mounting consists of a frangible pole of suitable length, compliant to FAA AC 150/5345-45 Specs.



LOWERING DEVICE: it permits the lowering of the wind cone for easy and secure maintenance of the lighting assembly and wind sock replacement. The lowering device for MV800 airport model is always included and consists of a mid pole of polygonal section, hinged to the mounting pole. The lowering device for MV400 heliport model, supplied on request, consists of a steel plate which the base flange of the mounting pole is hinged to. For MVF type the frangible pole is bottom-hinged to its anchoring flange.

POWER SUPPLY: 220V A, 50Hz single-phase. On request, the wind cone can be supplied complete with a dedicated panelboard to allow the power supply by a series circuit.

GROUNDING: a suitable screw is provided.

INSTALLATION: the wind cone has to be installed on a suitable concrete base which cast threaded anchoring rods