



FEATURES & BENEFITS

FEATURES

- Design disperses mooring loads throughout structure
- 4mm wall thickness in HDPE
- Proprietary IALA E108 Compliant colour with UV-20 protection package
- Plastic molded mooring eye for rope mooring
- Conformance to IALA Recommendations
- Available in Lateral and Special Mark

BENEFITS

- Small 16" Spherical Marker Buoy for marking hazards to navigation
- Durable 16" diameter single wall sphere construction
- Short range Visual Aid with a 0.22 NM visible range
- Molded plastic mooring eye for rope mooring
- Can be very easily deployed from a small vessel
- Ultra-low maintenance

SPECIFICATIONS

GENERAL SPECIFICATIONS

Diameter	0.40 m
Overall Height	0.48 m
Mass	2 kg

PERFORMANCE SPECIFICATIONS

Focal Plane Height (Maximum)	0.36 m
Draught (Minimum)	0.12 m
Visual Area/Surface (at max FP)	0.12 m ²
Visual Range (at max FP)	0.22 NM

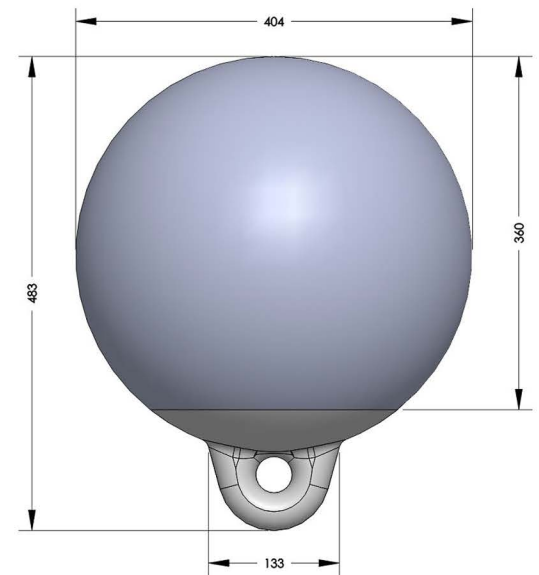
OPERATING CONDITIONS

Air Temperature Range	-40 C to +50 C
Water Temperature Range	-2 C to +50 C
Operational Current	0 to 4 knots
Survival Current Speed	10 knots
Operational Wind Speed	0 to 30 knots
Survival Wind Speed	80 knots

MATERIAL SPECIFICATIONS

Lifting and Mooring Structure	Molded in mooring eye for rope line
Buoy Hull	Rotationally molded virgin MDPE with UV20 protection package
Wall Thickness	3 mm
Foam Filling (Optional)	Closed cell EPS fused in situ block
Colors	IALA compliant colors in accordance with IALA specification E108
IALA Compliance Testing	Independent laboratory test results available
Colorfastness Test Procedure	Xenon Arc Accelerated Weathering per ASTM D-2565
Colorfastness Testing	Independent lab test results available per ASTM D-2244
Product Life Expectancy	> 20 years
Warranty	5 years

GENERAL ARRANGEMENT



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IALA aims to foster the safe and efficient movement of vessels through the improvement and harmonisation of marine aids to navigation worldwide, and by other appropriate means.