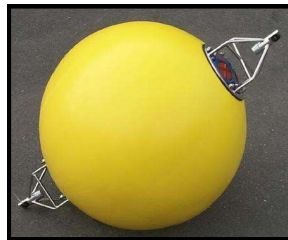


Sub-Surface Spherical Buoys and Floats

For Sub-surface Oceanographic Moorings

Models: Depth Rating vs. Buoyancy



Spherical Mooring Buoys with Center Hole for ADCP

<u>Model</u>	<u>Description</u>	<u>300m</u>	<u>1000m</u>	<u>1500m</u>	<u>2000m</u>	<u>3000m</u>
SB-30	Syntactic Foam	255 lb (117 kg)	223 lb (102 kg)	197 lb (90 kg)	166 lb (76 kg)	140 lb (64 kg)
SB-35	Syntactic Foam	436 lb (199 kg)	381 lb (174 kg)	338 lb (154 kg)	283 lb (129 kg)	240 lb (110 kg)
SB-47	Syntactic Foam	1148 lb (525 kg)	1004 lb (459 kg)	890 lb (407 kg)	740 lb (341 kg)	631 lb (288 kg)
SB-65	Syntactic Foam	3200 lb (1450kg)	2800 lb (1270kg)	2500 lb (1134kg)	2100 lb (950 kg)	1800 lb (815kg)

Buoyancy Listed is Gross Amount (Does Not Include Weight of Frame)

Actual Buoyancy +/- 5%



Spherical Mooring Floats with Center Strength Member and Mooring Eyes

<u>Model</u>	<u>Description</u>	<u>300m</u>	<u>1000m</u>	<u>1500m</u>	<u>2000m</u>	<u>3000m</u>
SF-30	Syntactic Foam	327 lb (149 kg)	286 lb (131 kg)	253 lb (116 kg)	213 lb (97 kg)	180 lb (82 kg)
SF-35	Syntactic Foam	520 lb (238 kg)	455 lb (208 kg)	403 lb (184 kg)	338 lb (154 kg)	286 lb (131 kg)
SF-47	Syntactic Foam	1258 lb (575 kg)	1101 lb (503 kg)	975 lb (446 kg)	818 lb (374 kg)	690 lb (312 kg)
SF-65	Syntactic Foam	3200 lb (1450kg)	2800 lb (1270kg)	2500 lb (1134kg)	2100 lb (950 kg)	1800 lb (815kg)

Standard Strength Member: 3/4" Galvanized Steel Rod (19.05 mm)

Actual Buoyancy +/- 5%

Mooring Eyes: 3/4" Galvanized Nut, SWL 5000 lb (2700 kg)



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