

Elliptical ADCP Buoys

DeepWater Buoyancy understands the value of data recovery, as well as, ADCP technology, oceanographic operations and what it takes to supply products that ensure success.

Manufactured from high-performance DeepTec® syntactic foam, adjustable urethane and UHMW instrument clamps, and 316L stainless steel and titanium hardware, DeepWater Buoyancy's ADCP Buoys are designed to outperform and outlast conventional mooring flotation.

Available with depth ratings to 6000 meters, they require minimal maintenance and are extremely durable under the most rigorous deepwater conditions.

Designed by an experienced engineering staff that fully understands the effects of mooring excursions on data quality, galvanic corrosion and biofouling, these buoys are performance-proven and have a long track record of successful deployment and recovery.

Elliptical ADCP buoys have lower drag for a given buoyancy than spherical buoy and significantly lower drag than glass or plastic spheres.



DEPTH in meters	DIAMETER IN INCHES			
	38	44	47	52
	UPLIFT IN LBS/KG			
750	175/79.0	320/145	398/180	579/262
1500	139/63.0	262/118	328/148	482/218
3500	105/47.5	206/93.0	261/118	389/176
6000	90.0/40.5	183/83.0	232/105	349/158

Other depths and diameters available upon request.

Spherical ADCP Buoys

DeepWater Buoyancy understands the value of data recovery, as well as, ADCP technology, oceanographic operations and what it takes to supply products that ensure success.

Manufactured from high-performance DeepTec® syntactic foam, adjustable urethane and UHMW instrument clamps, and 316L stainless steel and titanium hardware, DeepWater Buoyancy's ADCP Buoys are designed to outperform and outlast conventional mooring flotation.

Available with depth ratings to 6000 meters, they require minimal maintenance and are extremely durable under the most rigorous deepwater conditions.

Designed by an experienced engineering staff that fully understands the effects of mooring excursions on data quality, galvanic corrosion and biofouling, these buoys are performance-proven and have a long track record of successful deployment and recovery



DEPTH in meters	DIAMETER IN INCHES								
	24	33	36	40R	44R	49	51	56	62
	UPLIFT IN LBS/KG								
750	89.0/40.0	285/129	353/160	501/227	722/327	1100/498	1226/556	1651/748	2246/1018
1500	72.0/32.5	235/106	290/131	417/189	605/274	924/419	1031/467	1393/631	1888/856
3500	55.5/25.0	188/85.0	229/103	336/152	493/223	755/342	844/382	1144/518	1544/700
6000	48.5/21.9	168/76.0	203/92.0	301/136	444/201	682/309	763/346	1036/469	1396/633

Other depths and diameters available upon request.