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CSW-6 Electric Winch

The CSW-6 is the lightweight winch in the CSW-series winch product line. Designed for oceanographic and geophysics applications, this model is capable of lifting and lowering many instrumentation payloads (300 lbs typical). It is used to perform CTD profiling, instrument towing, and water sampling.

The CSW-6 is commonly employed with lightweight instruments on short cable lengths or medium sized instruments on very short cable lengths. The CSW-6 is often used in small craft with lightweight inshore or lake and river type instrumentation.

Features:

- Powder coated aluminum frame, anodized or powder-coated aluminum, stainless steel and engineering thermoplastic components
- Cargo strap lifting points, removable carrying handles
- Available for motors from ½ HP to 1 HP
- Powered by 110 VAC or 220 VAC, 24 VDC ½ HP only
- On/off drive-line coupler for freewheeling capability
- Manual disc brake
- Shear pin lock for towing (shear pin provided by customer)
- Manual hand crank backup
- Upright configuration for ease of use with small vessels and close-set davits
- Watertight sub-sea connectors (except 110/220 VAC plug)

Available Sizes:

- Typical CSW-6 footprint: 20” L x 20.5” W (51 cm x 52 cm)
- Typical CSW-6 overall height: 36” (90 cm)
- Available with drum flange diameters: 15”, 16” and 17” (38, 41, 43 cm)
- Available with core diameters of 6”, 8”, 10” and 12” (17, 22, 27, 33 cm)
- Standard core width of 12” (30 cm)
- Nominal weight without wire: 150 lbs (68 kg) without optional features

Options:

- Powered mechanical level wind for smoother cable spooling with short fair lead distances
- Slip ring adaptors and stainless steel cage for customer supplied slip rings
- AGO-SR series stainless steel slip rings with military style IP67 connectors or MCBH connectors
- Control system options: dual controls, emergency stop switch, extended cables

All A.G.O. Environmental winches are built as customized versions of standard models, specifically outfitted to meet customer cable, payload and operational requirements. When enquiring, please specify: cable diameter, bend radius and length (or provide a cable manufacturer's specifications sheet), desired line speeds, payload information and operational information such as available power supplies, towed or profiling operations and generic transportation information (small craft, inshore, offshore, ATV, truck, helicopter, man-pack).