

Racing



Harken's® racing winches are the ultimate winches for serious racing boats. Weights are extremely low, and reliability and efficiency are extremely high. Racing winches are not simply standard winches modified for lighter weights. From the hard-anodized alloy bodies and drums and the PEEK® roller bearings riding in large-diameter cages, to the Delrin® balls carrying vertical loads on the drum, and the 17-4 PH gears and gear pins, Harken® racing winches are engineered for performance.

From small two-speed self-tailers to enormous wide-body pedestal-driven winches, Harken® offers the most complete range of racing winches available.

DETAILS MAKE THE DIFFERENCE

MORE BALL BEARINGS

More bearings than any other winch. Ball bearings carry the vertical load of the drum for greater efficiency.

CENTER SHAFT BEARINGS

Center shafts on all racing winches ride on high-efficiency bearings.

1. PEEK® Roller Bearings

PEEK® roller bearings ride in large-diameter cages to allow more bearings to carry the load. PEEK® roller bearings are 30% lighter than stainless steel. Large-diameter spindles form a large bearing surface to properly carry the load.

2. Stainless Steel Drive Gears

Drive gears are 17-4 PH stainless steel with specially finished working surfaces.

3. Four Pawls

Gears on winches from the 45 feature four pawls for maximum reliability and minimal backlash. Pawls are held captive by the springs. They are easy to remove but won't drop out accidentally during service.

4. Lightweight, High-Strength Components

Housings are machined from solid aluminum. Gears are 17-4 PH stainless steel for maximum strength. Lightening holes provide weight savings.

5. Low Line Entry

The extremely low line entry improves aerodynamics by keeping lines close to the deck.

