

R32HT Gearhead Delivers High Torque for Challenging Performance Requirements

Portescap, a global provider of motion control solutions, is excited to add the new R32HT gearhead to its portfolio of miniature motor accessories. This full metallic high torque gearhead designed with a planetary arrangement has an outer diameter of 32mm and can be mounted onto Portescap's 35GLT range of brush DC motors, which is one of the largest and most powerful in its brush DC motor portfolio.

The R32HT can deliver maximum continuous torque up to 9Nm, making it a perfect option for those seeking a higher torque option between Portescap's existing R32 and R40 gearheads. The R32HT provides improved reliability and higher efficiency at targeted torque levels, ensuring high-precision performance at a competitive price point. This gearbox can also be customized based on specific application needs.

This high torque gearhead is well-suited for applications requiring very high torque in a relatively small package; its new bearing system also makes it ideal for applications that have higher radial loads. Examples include service robotics, electric grippers, missile fin actuation, and powered hand tools, including nut runners, screwdrivers, and pruning shears, within the Robotics, Aerospace & Defense, and Industrial Power Tools industries.

About [Portescap](#)

Portescap offers the broadest miniature and specialty motor products in the industry, encompassing coreless brush DC, brushless DC, stepper can stack, gearheads, digital linear actuators and disc magnet technologies. Our products have served diverse motion control needs in a wide spectrum of applications including medical, life science, instrumentation, automation, aerospace and commercial for more than 70 years.

Portescap has manufacturing centers in the United States and India, and utilizes a global product development network with research and development centers in the United States, China, India and Switzerland.