

B2B **PURCHASE** for Project Procurement



Part - 1

Special Supplement (128 pages)
B2B PURCHASE PART -2
along with this issue

INNOVATORS

Construction Equipment | Mining Equipment | Access Equipment | Material Handling Equipment
Concrete Equipment | Cranes | Tyres | Shot Blasting | Steel | Structural Software
Scaffolding & Formwork | Prefab Cabins | Construction Chemicals & Coatings



RSB propeller shaft: lightweight, superior quality

“We continually remain engaged in innovation for further enhancement in the performance and value proposition of our products,” emphasises **SK Behera**, Vice Chairman and Managing Director, RSB Group

Most innovative product RSB has introduced is its in-house developed new generation propeller shaft which is light and cost-effective with improved performance level of torque transfer. SK Behera shares why RSB is never complacent with its performance and achievements and always keeps innovating.

New generation propeller shaft

RSB propeller shaft has validated newer designs extended to cover several models of commercial vehicles, trucks and buses by conducting extensive field trials under varied terrains and load conditions. It ensures competitive edge by providing re-designed, fully enclosed sliding joints with RILSAN coating. It also includes features like heavy-duty centre bearing assembly, cross assembly with multi-lip sealing, sliding joint with involute spline profile with metallic dust jacket for higher joint life, etc.

Importance of propeller shafts

Propeller shafts are vital products in a commercial vehicle to transfer torque and rotation to the wheels. This innovation is of high importance due to high torque carrying capacities to handle overloading and with lower weights which essential for better fuel efficiency of the vehicles.

Exclusive features

RSB property shafts are known for the less weight with superior universal joints and the spline joints. The design is based on the German technology and modified to suit the Indian usage and applications. They also are validated through in-house testing and validation facilities as per the requirements. The parts produced using best-class flexible

manufacturing set-up with high focus on process capability for consistency.

Naming propeller shaft

Propeller shaft is a critical product of an automotive vehicle that causes the wheels to rotate. It links the gearbox to the differential. The engine rotates the gears in the gearbox. The propeller shaft — attached to the gearbox — rotates and transmits the rotational power to the differential. This rotational power is then transmitted from the differential to the wheels through the axle and the vehicle is then propelled. As this product propels the vehicle, it has got its name as propeller shaft.

Focusing relationships with customers

To market its products, RSB Group focuses on long-term relationships with customers, constant improvement through innovations in the product quality, new products with best quality at optimum price just in time to the customers.

Enhancing value proposition

The acceptance of its product in the market place is good. Commanding the highest market share is the testimony to the acceptance of its products. However, RSB is never complacent with its performance and achievements. It continually remains engaged in innovation for further enhancement in the performance and value proposition of its products. ■



RSB propeller shaft

