

SKF Drum Support Unit

An innovative solution enabling cost and energy savings

Washing machines use plastic tanks to contain the rinsing water and to support the rotating drums. Such tanks are over-moulded onto cast iron or aluminium hubs holding bearings and seals. Manufacturers' primary objectives are: secure the proper cohesion between hubs and tanks, limit the expensive machining, simplify the hub geometry and the related assembly and avoid the possible hub rotations inside the tanks.

SKF units optimize washing machine design, assembly and performance

Since several years SKF has been developing a comprehensive range of solutions for top and front loading washing machines. These solutions go from bearing and seal arrangements, to spider cast iron arms, to compact hub bearing unit designs.



SKF is now ready to complete its offer portfolio with the SKF Drum Support Unit, a full polymer hub unit. The unit is compact, light, corrosion proof, energy saving and requiring no machining before final assembly.

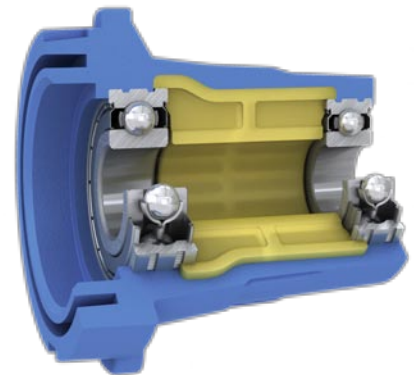
Features

- Integrated and compact solution
- Robust and greased for life
- Precise bearing alignment
- Anti-creeping design
- Drain hole
- Adaptable external geometry

It reduces the total weight of the washing machine and assures a perfect material integration during the over-moulding. The new SKF Drum Support Unit, thanks to its smart integration, provides a number of benefits to the customers.

Benefits

- Homogeneous cohesive material between hub and tank
- Reduced assembly costs
- Corrosion proof
- Weight saving
- No maintenance



The automatic alignment of the bearings and seals increases the accuracy and reduces the energy consumption. The compact design enables important space savings. It is a robust and reliable solution and 100% checked by SKF before delivery.

SKF Drum Support Unit is designed to resist plastic injection temperatures, high speed rotation and unbalances typical of the spinning cycles. It is patented by SKF and can be supplied in different sizes.

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