

Centrotecnica presents a special version of the bearings for slip tables RT-series compatible to HBT *Hidrostatic Bearing Table*' slip table type.

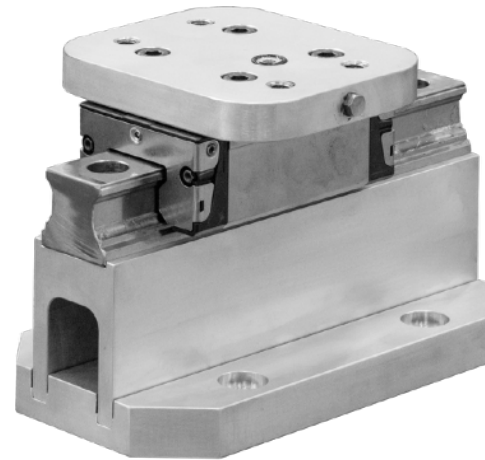
The RT-series slip tables are conceived to manage significant payloads and high vibration profiles in all test scopes, from the transport simulation to the aerospace testing, where they are highly appreciated thanks to their high reliability, practicality, modularity and cleanliness (oil free).

Centrotecnica has made these technical advantages available also for the classical and more expensive HBT sliptables, by realizing a version of the RT's bearing completely compatible to HBT and offered as spare parts.

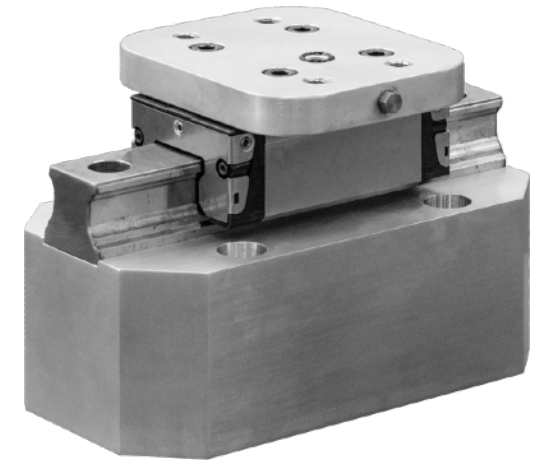
The bearings can be installed without any modification to the slip table (that can therefore go back to factory condition) and are available as aftermarket spare parts for all slip tables with hydrostatic bearings: Kimball, LDS / HBK...

In case of replacement of all original bearings with the new RT-ones, an improvement of the HBT sliptable (a decrease of the oil pressure for its functioning) is also achievable. Less pressure means less heat production and lower consumption.

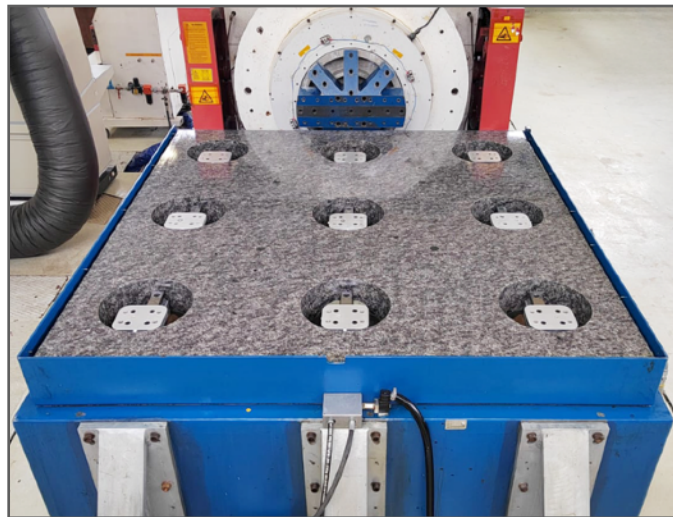
*\* there are similar, newer solutions on the market, of course we cannot know if they provide the same benefits.*



*Element with a flexible base to support the thermal expansion of the slip table.  
To be placed on the side of the slip table.*



*Model with rigid base to be placed along the central axis of the slip table.*



## Why choosing RT bearings as spare part for a HBT sliptable

- ★ more cost-effective than the originals, so it is easier to keep a stock of spare parts
- ★ in case of breaking or maintenance, only the rail or the bearing has to be replaced
- ★ more robust and thermally stable
- ★ dynamic behaviour comparable to the original ones
- ★ pitch, roll and yaw moments comparable to the original ones
- ★ shock moments higher than the original ones
- ★ no bearing seizure effect (this can happen instead to HBT bearings)
- ★ lighter, therefore less mass to be managed by the machine
- ★ maintenance procedures way more rapid
- ★ possibility to replace the bearings autonomously, without need to external support
- ★ made in Italy quality products with short supply time

