## SBS-30

SOFT BEARING SUSPENSION | Datasheet

Designed to allow free radial displacement, the SBS-30 minimizes friction and mechanical losses on their aluminum components.

SBS-30's bearings support up to 30 kg per pair ( 15 kg each). Their design allows balancing rotors with a maximum journal diameter of 88 mm (3.4 in).

The soft balancing mechanism allows you to improve balancings with very high precision on almost any kind of rotating parts. With this system, all balancings are performed at higher frequencies than natural frequency of the supports.

This system allows the rotor to rotate around its gravity center instead of its geometric center, which is ideal for the 2-run balancing.

>Soft Bearing Suspension
>Cantilever roll supports
>High sensitivity and accuracy
$>$ Easy to install
>Compatible with any accelerometer


## Balancings are done at higher frequencies than the resonance frequency of the suspensions



## Accessories Increase the performance of your SBS-30 with optional accessories.

## DigivibeMX System



Dynamic balancing software on SBS or influence coefficients. Includes a four-channel interface, two accelerometers and a laser tachometer.

## Control Module



Cabinet with control panel with start, stop, rotation change and rotation speed buttons. Compartments for PC and storage of your tools and balancing devices.

## Tablet Surface PRO with case



A Windows tablet ideal for dynamic balancing work using DigivibeMX, with a protective casing specially designed for industrial environments.

## Negative Load Supports



Accessory recommended to secure cantilver-mounted rotors and components with high vibration levels, such as crankshas. Each support is adjustable in height.

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