

## **Innovative Pillow Block Web Tension Bearing BZL**

In the value analysis of machines and plants the reduction of the number of components is a very important issue. In addition, the simplification of design with regard to mounting and installation are additional important aspects of cost reduction.

These considerations lead the *HAEHNE* Company to the idea of combining the common web tension measurement components consisting of Web Tension Pillow Block, adapter plates and Pillow Block bearing to one Pillow Block Web Tension Bearing (BZL). To achieve this objective the *HAEHNE* Company integrated a tension measuring function into the inner bearing component of the Pillow Block. The inner part component contains a double beam technology system with the well-known advantages of a high accuracy and linearity.

The Pillow Block Web Tension Bearing BZL is compatible in its dimensions to the common Pillow Block bearings INA/FAG (PASE12/15/17) and NTN/SNR (UC201/202/203). It is available in horizontal as well as in vertical measuring direction and covers the nominal forces of 100, 200, 500 and 1000N. With an accuracy of 0.5% and a mechanical stop at 160% of the nominal force it is comparable with the technical properties of the other *HAEHNE* standard sensors.



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