

# SRB

## Sliding Roller Bearing

In 1998 the Grifo Self Balancing GSB pump units, which utilise non-friction, heavy duty ball and roller bearings to support the rotating element were successfully introduced to the market. As a result of this innovation all standard balance disc centrifugal multi-stage pumps can now be converted from white metal bearing arrangements to the non-friction, heavy duty sliding roller bearings (SRB).

### FEATURES

Heavy duty sliding roller bearings, rating 40 000 hours, with elongated inner race allow for axial movement of the rotating element in the course of normal balance disc wear.

A water flinger disc minimises water flow along the shaft to the bearing housing from the gland sealing arrangement.

Labyrinth seals on the bearing housing prevents ingress of water and dirt into the bearing housing.

Positive oil lubrication is ensured by incorporation of an oil ring in the bearing housing.

High lift,

high volume

Multi-Stage

Clear Water Pumps



### ADVANTAGES

- Easy maintenance and reduction of downtime.
- Reduction of major damage to rotating and stationary elements normally associated with failure of white metal bearings.
- Reduction in the harmonic vibration of the rotating element.

