

DYNAMIC | POWER | MOTION



GRIFO SRB



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Grifo Sliding Roller Bearing Multi-Stage Centrifugal Pump

Technical Information

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 introduced. All standard balance disc centrifugal multi-stage pump units can now be offered with a conversion to the white metal bearing arrangement on non-friction heavy duty sliding roller bearings (SRB).

Design Features

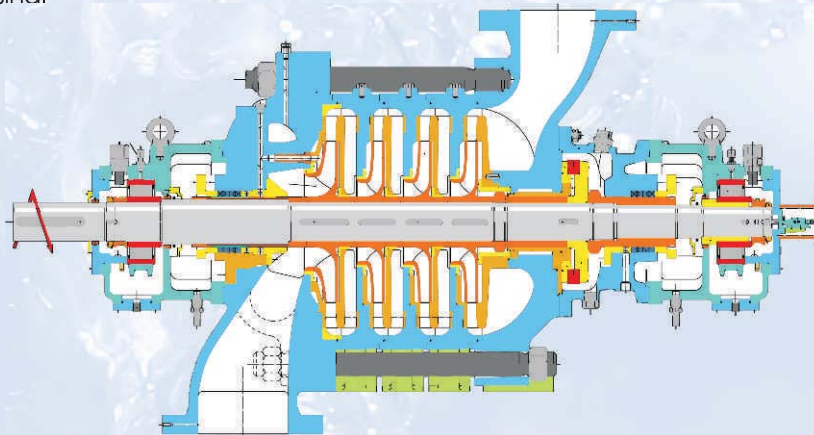
Heavy duty sliding roller bearings, rating 40 000 hours, with elongated inner race allow for axial movement of the rotating element in the course of normal balance disc wear.

A water flinger disc minimises water flow along the shaft to 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 lubricants are ensured by incorporation of an oil ring in the bearing housing.

Section



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.

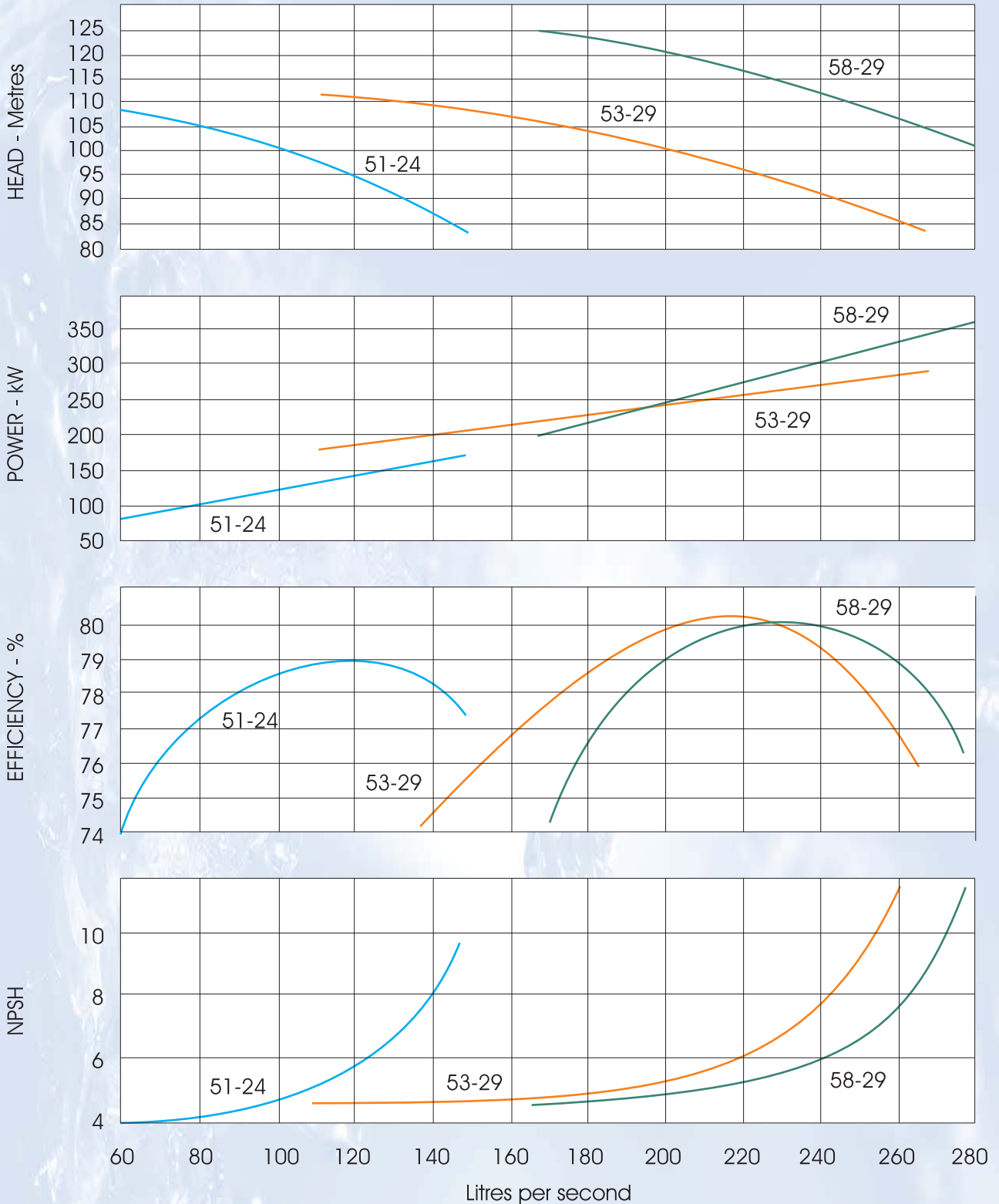


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Grifo Sliding Roller Bearing Multi-stage Centrifugal Pump - Single Stage

Performance curve



Distributors of

