

Modular Bearing Housing

New Design Gives Multiple Benefits

A new Modular Bearing Housing is already being used on Frame 1 HMD Kontro GSP pumps (with Frames 2 and 3 soon to be available). This housing can also be retrofitted to existing GSP pumps with no modifications, so bringing multiple benefits to previous installations.

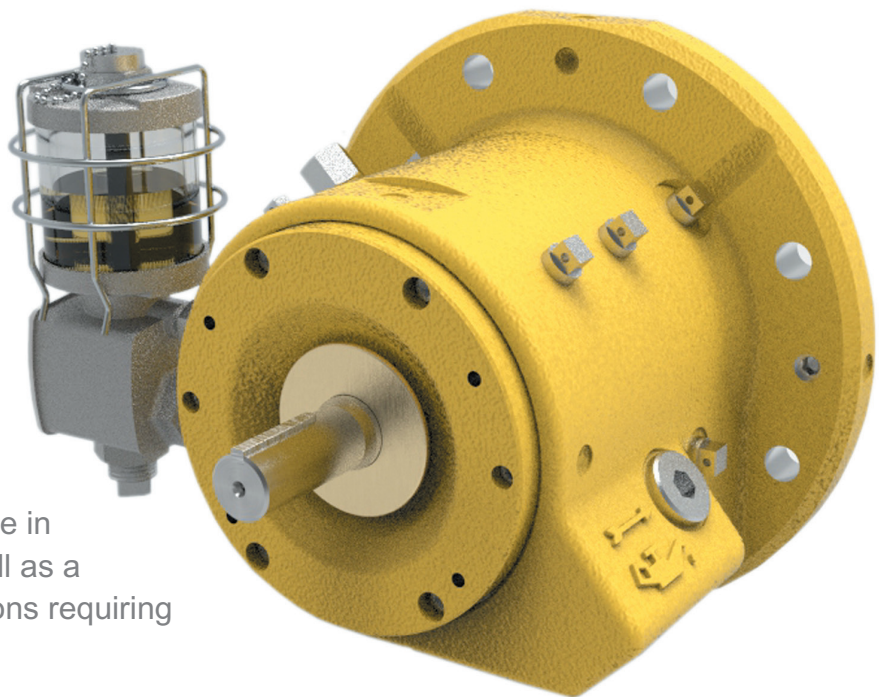
The new robust bearing housing is available in two configurations, namely standard as well as a pressure-tested version for those applications requiring secondary containment.

The advantages include:

- **Improved Lubrication:** A larger sump capacity, increased by 15%, enables the pump to be operated at lower temperatures, whilst oil mist and oil bath systems can both be utilised.
- **No Overfilling:** A new angled position for the oil filler port means that there is no possibility of overfilling, especially as other ports can be security tagged when blanking plugs are used. The housing also has an overflow port, for added overfill protection. A constant level oil filler can also be used.

As a result of the new design, the following lubrication systems can be utilised:

- Oil Bath & Vent (Standard)
- Closed Loop Oiler
- Pure Oil Mist
- Purge Oil Mist
- Provision For Pure Oil Mist
- Provision For Purge Oil Mist



- **Oil Seal Options:** The new modular design means that the following alternative inboard and outboard oil seals can be utilised including:

Oil Bath

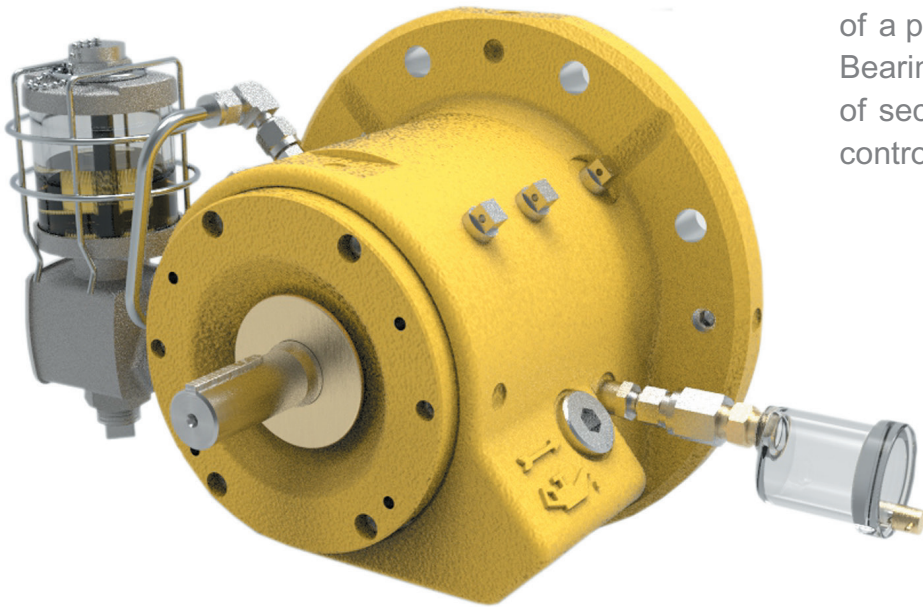
- Labyrinth (As standard)
- Labtecta OP66
- Inpro VB45S

Oil Mist

- Inpro VB45U (also suitable for oil bath)
- IsoMag (also suitable for oil bath)

- **Secondary Containment:** The availability of a pressure-tested version of the Modular Bearing Housing allows for the provision of secondary containment and secondary control either now or in the future.

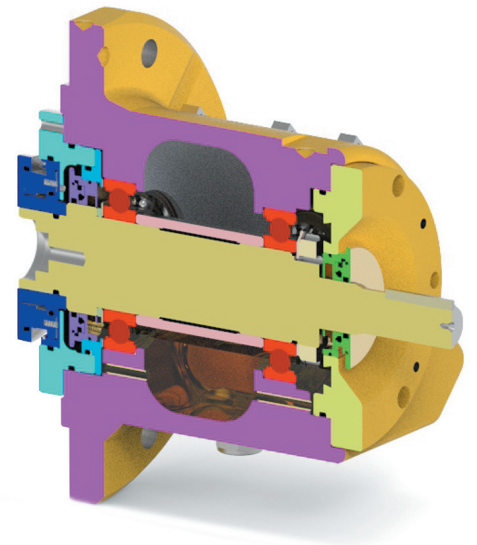
- **Integrated Sensor Ports:** A range of ports are incorporated into the housing to allow for relevant probes to be utilised, including for vibration, oil mist and temperature sensors. Please contact us to discuss your requirements.



The new Modular Bearing Housing is a simple upgrade path for GSP pumps, with no modifications, allowing operational benefits for your HMD Kontro sealless pump both now and in the future.

Further Key Benefits of the Modular Bearing Housing

- Modular design for maximum interchangeability of parts.
- Provision for bearing temperature monitoring included.
- Reduced pump downtime thanks to maintenance time savings.
- Upgrade is completed quickly and easily onsite.
- No special tools required for upgrade or maintenance.



To maximise your uptime, please contact HMD Kontro's highly skilled Aftersales Technical Support Team who have vast experience in the operational aspects that customers may encounter during the lifetime of their sealless pump installations. We are keen to share this knowledge with you to ensure your pump maintenance is optimised and straightforward, fast and cost effective. Our Engineers are always on hand to provide trouble shooting advice and to recommend suitable upgrades, spares kits and stock inventory levels for pumps located at any plant or location around the globe.

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