

DYNAMIC | POWER | MOTION



GRIFO GHP



SCAMONT
ENGINEERING

GHP

Grifo High Performance Multi-stage Centrifugal Pump

Technical Information

The GHP high lift, horizontally designed multi-stage centrifugal pump units are suitable for pumping water at a maximum temperature of 40°C and operate at 1490 rpm, pumping to heads of 1 200 metres at a volumetric output of 200 litres per second.



Design Features

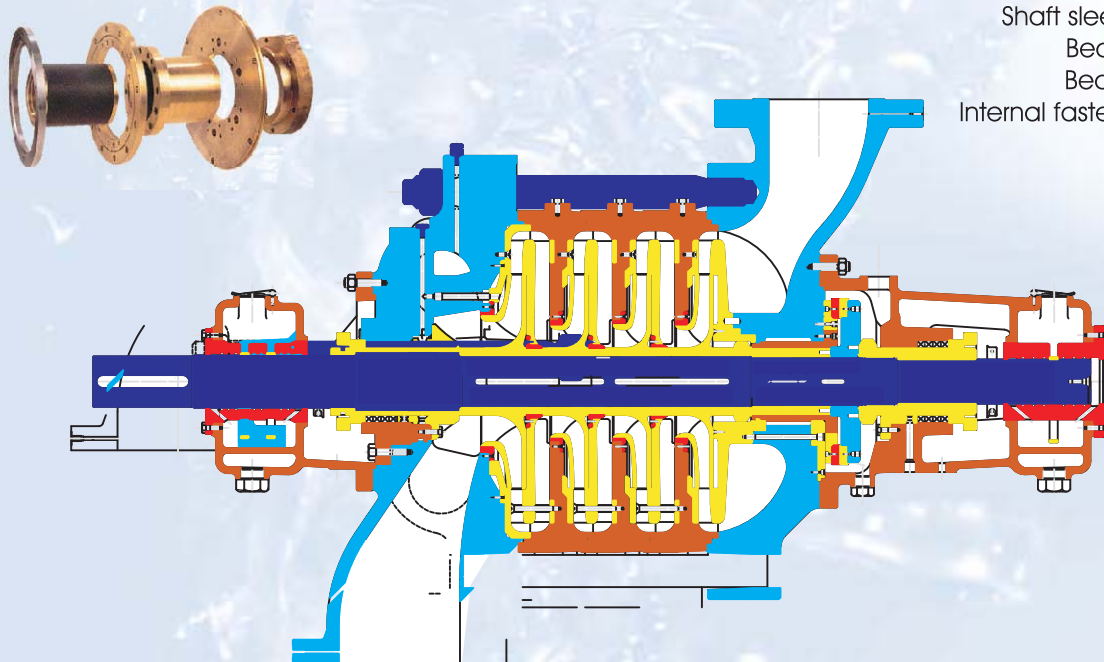
Robustly constructed to withstand the harshest mining environments, the pumps embody modern hydraulic design principles. Superior manufacturing standards and top quality materials ensure compatibility between rotating and stationary wearing parts giving a high level of corrosion and erosion resistance. This extends operating life, efficiency and reliability and results in low maintenance costs. The split form drive-end bearing and bearing bracket allows the bearing to be replaced without removing the motor from its position. The bronze impellers are spun cast ensuring mechanical and metallurgical integrity.

Balancing Disc and Wearing Ring Assembly

The unique Grifo design of the balancing disc assembly has completely eliminated the problems and time consuming efforts previously required for balancing disc maintenance.

Materials

- End cover - Cast steel
- Stage casing - Cast steel
- Shaft - Forged steel EN24T
- Impellers - Pb1 to Bs1400, Spun cast
- Diffuser and overflow - Pb1 to Bs1400
- Neck rings - Pb2 to Bs1400
- Shaft sleeve - Pb2 to Bs1400
- Bearing bracket - S.G.I.
- Bearing liner - C.I./W.M.
- Internal fasteners - Stainless steel

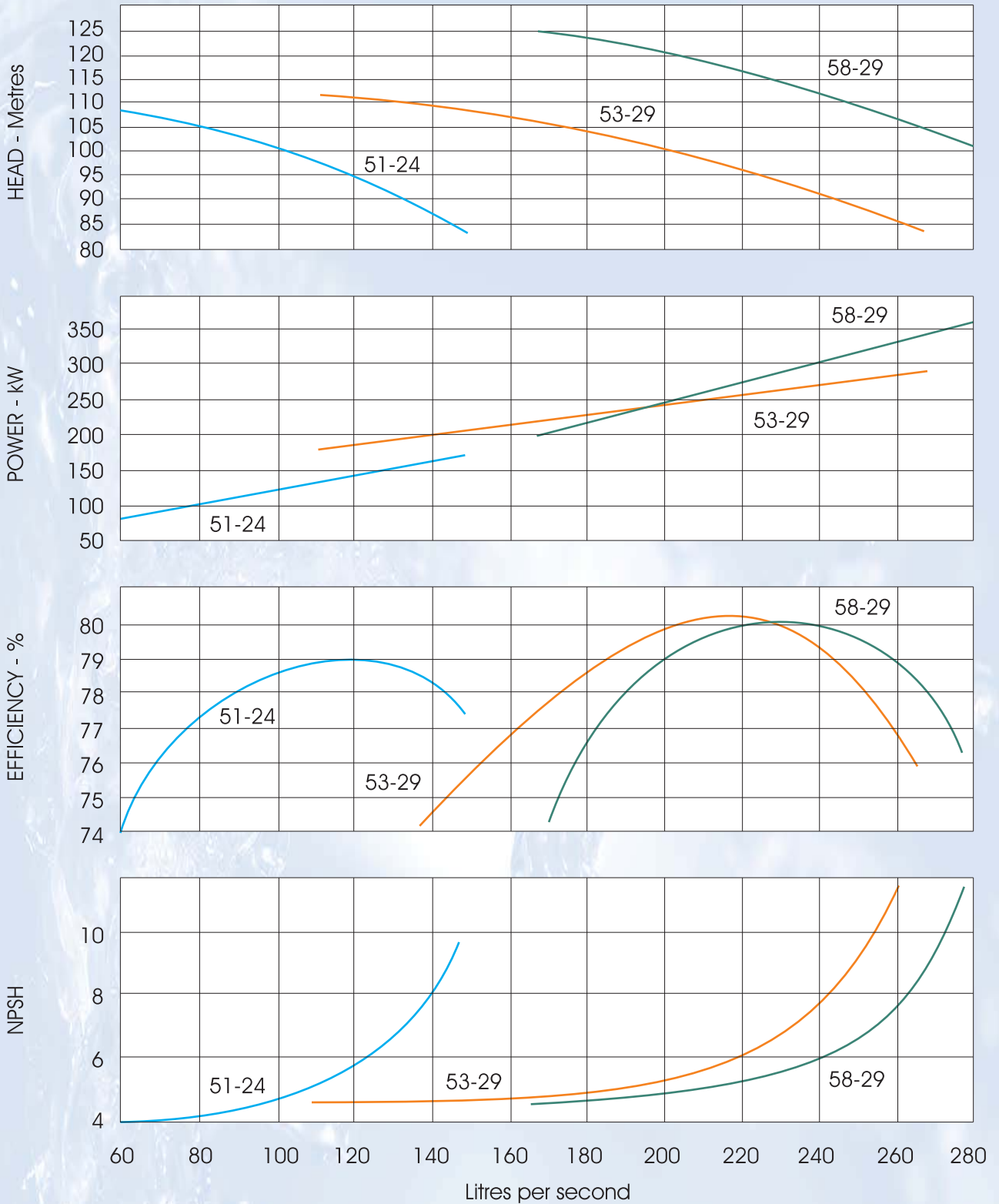


Section

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Grifo High Performance Multi-stage Centrifugal Pump - Single Stage

Performance curve



Distributors of

