



better together

50Hz

Grey series

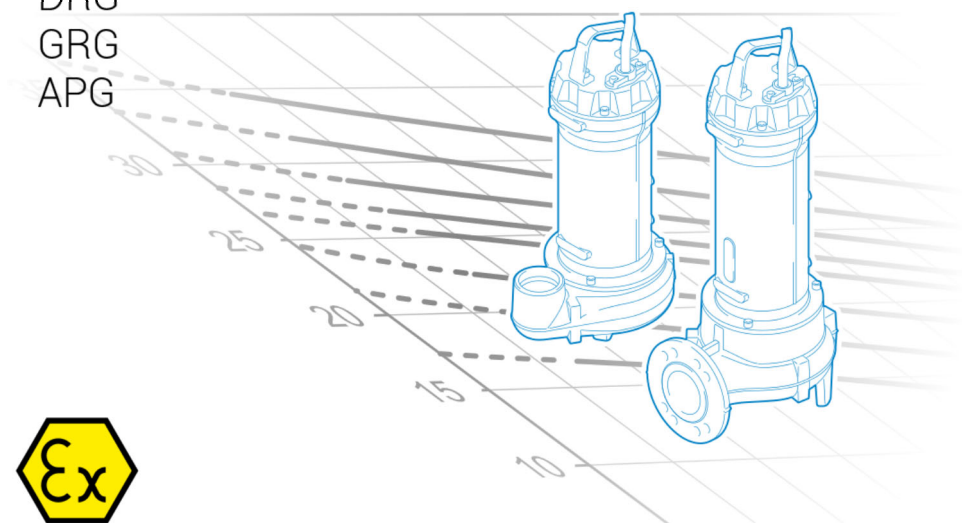
DGG
DRG
GRG
APG



D A T A B O O K L E T

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EN





better together

Grey series

DGG
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APG



D A T A B O O K L E T

Grey Series

General characteristics

Motor

- Electrical submersible pumps in G.JL-250 cast iron;
- Two silicon carbide (2SiC) mechanical seals in oil sump;
- Ecological dry motor with thermal protection;
- Sensor for detecting water in the mechanical seal oil sump;
- Self lubricated ball bearings



Hydraulic families



DG (Draga)

p. 9

- Set-back vortex impeller.
- Used with unstrained soiled biological wastewaters and sewage and for civil lifting applications. It is thus ideal for wastewater treatment plants, sewer systems, livestock farms, industry and agriculture.



DR (Dreno)

p. 23

- Multi-channel open impeller.
- Designed for mainly professional and industrial use such as wastewater treatment plants, sewage systems and livestock farms, it is particularly suitable for the treatment of liquids containing suspended solids or filaments, and low or medium density activated sludges.



GR (Grinder)

p. 55

- Impeller with grinder system.
- Designed for professional and industrial use, it is suitable for the treatment of liquids containing suspended solids or fibres, and low or medium density activated sludges.



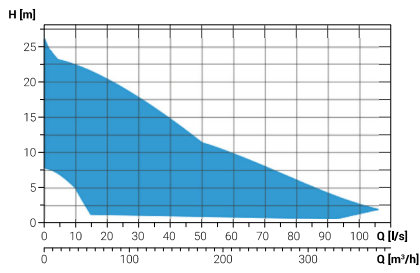
AP (Alta Prevalenza)

p. 59

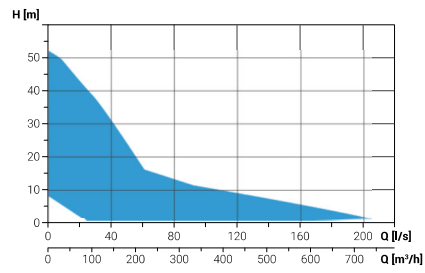
- High head impeller.
- Suitable for clear wastewater, rainwater and seepage. The considerable manometric head guarantees excellent results for the creation of water features and decorative fountains; suitable for use in agriculture, irrigation and the fish processing sector.

Operating ranges

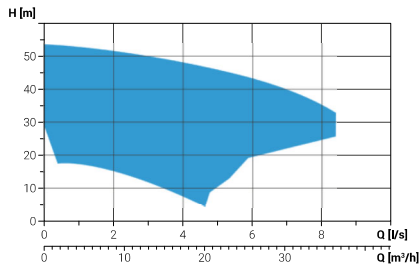
DGG



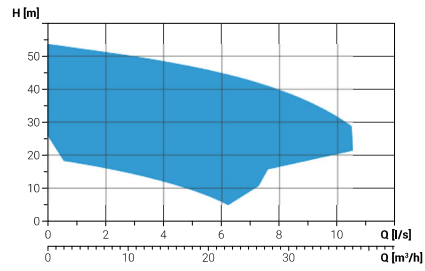
DRG



GRG



APG



Versions available

Electrical variants

- NAE** No electric accessories
- TS** Thermal protection, sensor for detecting water in the mechanical seal oil sump

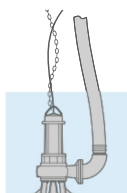
Cooling system

- N** No cooling and/or seal flushing system

Set of mechanical seals

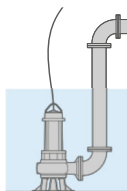
- 2SiC** 2 mechanical seals in silicon carbide

Installations



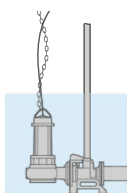
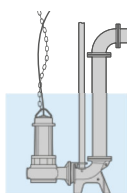
FREE installation

The electric pump, standing on its feet or base, is connected to the delivery flexible pipe using a joint fixed to the discharge. This installation allows to move easily the electrical pump.



FIXED installation

The electric pump, standing on its feet or base, is connected to the delivery pipe, which is screwed to the discharge if threaded, or fixed to a bend if the port is flanged. The pump-hose connection may be threaded or flanged, depending on the pump fitting.



Installation with BASE COUPLING FOOT

Available for electric pumps with threaded discharge. The pump unit is supported by a special device fitted to the delivery pipe. This device can be installed at any time without having to empty the tank. It simplifies any maintenance work on the pump, which can be lifted out and resubmerged with great ease. It is recommended in particular for installations of small size, and does not require the pump to be resting on the bottom of the tank.