

# bluePRO Series

The **bluePRO Series** is intended for use in applications requiring high performance or prolonged, heavy-duty operation in domestic and residential contexts.

Versions are available with four different hydraulics: DRENO (**DR bluePRO**), with multi-channel open impeller for clear or slightly soiled wastewaters; DRAGA (**DG bluePRO**), with vortex impeller and large free passage for wastewaters with heavy soil; GRINDER (**GR bluePRO**), with grinding system; and HIGH HEAD (**AP bluePRO**), with multi-channel open impeller and high head.

They are designed to provide optimal service with **blueBOX** lifting stations.

Models with vertical discharge have a breather allowing them to be primed without touching the

system even after the tank has been completely emptied.

All components are designed to deliver outstanding reliability and ensure quick, easy maintenance.

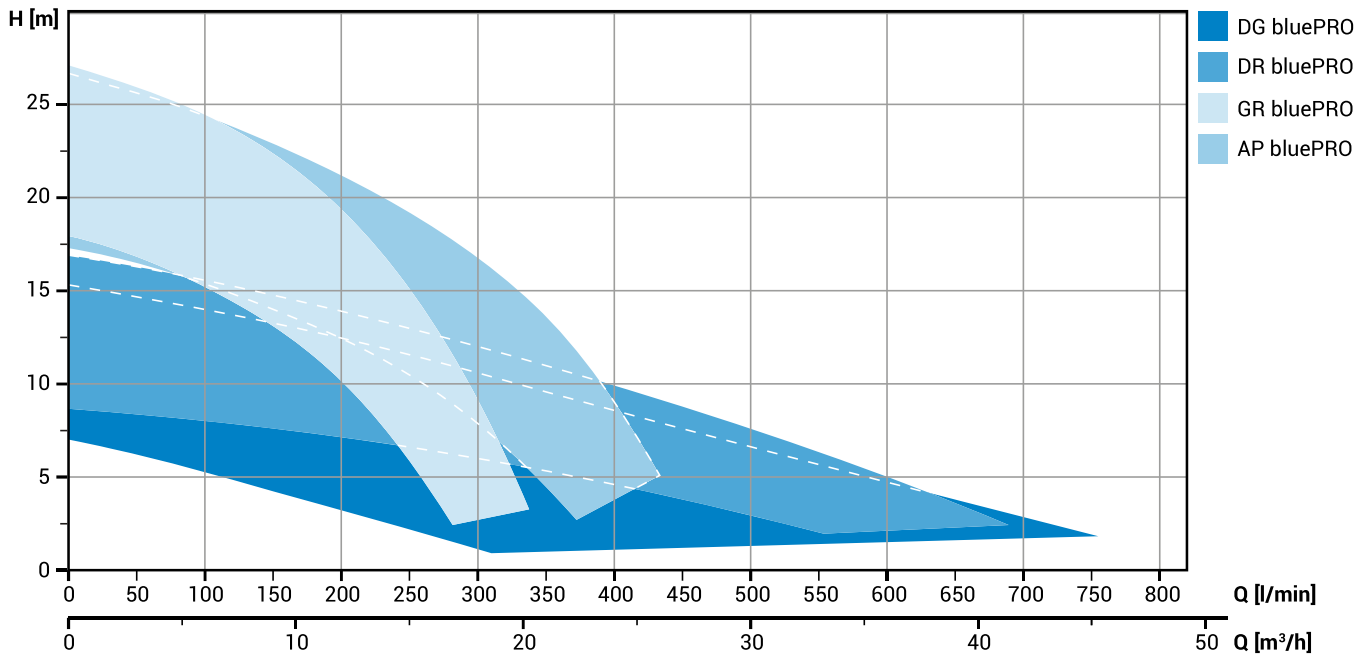
Every model undergoes pressurised testing to guarantee perfect assembly and operation of the gaskets, cable gland and mechanical seals.

The cast iron structure and double mechanical seal in oil chamber make these models rugged and reliable and suitable for even heavy-duty applications lifting strained or soiled wastewater containing solids or filaments, in domestic and residential installations or small civil plants.

Models available in IECEx certified version

Ex ec nC h IIC T3 Gc (~1)  
Ex ec h IIC T3 Gc (~3)

## Operating ranges



## Construction materials

Case	Cast iron EN-GJL-250
Impeller	Cast iron EN-GJL-250
Nuts and bolts	Stainless steel - Class A2-70
Standard gasket	Rubber - NBR
Shaft	Stainless steel - AISI 431
Paint type	Ecological bicomponent epoxy (medium thickness 120 µm)

## Operating specifications

Max operating temperature	40°C [90°C max 3 min]
pH of treated fluid	6 ÷ 14
Viscosity of treated fluid	1 mm²/s
Maximum immersion depth	20 m
Density of treated fluid	1 Kg/dm³
Maximum acoustic pressure	<70 dB
Max starts per hour	30

The data provided are not binding.  
Zenit reserves the right to modify the product without advance notification.