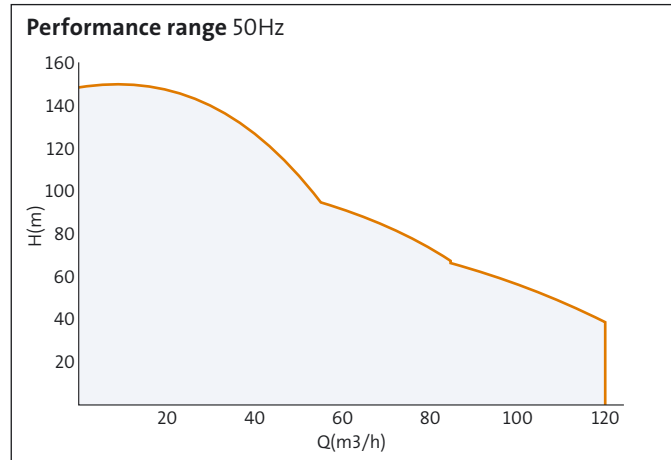




# Hydro Solo E



## System Description

Many pump applications involve varying flows and pressures, calling for systems that adapt themselves perfectly to all situations. The Grundfos Hydro Solo E is designed to do just that. The Hydro Solo E combines the renowned CR multistage with the MGE variable speed motor, developed by Grundfos and packaged as a quiet turn key booster system capable of adjusting its performance based on the requirements of your application.

This easy to install packaged booster systems arrives pre-tested from our factory ready for connection, simplifying commissioning, therefore reducing time spent on site.

## Range

Number of pumps: 1  
 Maximum system flow: 120 m<sup>3</sup>/h  
 Maximum system head: 160 m  
 Liquid temperature: 0 to +70°C  
 Ambient temperature: 0 to +40°C

*Note: Higher system heads available on request.*

## Key Features and Benefits

**Inbuilt frequency converter** on all MGE motors provides energy saving during operation with energy saved when pump speed is varied according to demand.

**Constant pressure** provides user comfort.

**All components from one supplier** as the pump, motor, frequency converter, controller and sensors are supplied as one complete, optimised and tested unit ensuring peace of mind.

**The Hydro Solo E is designed for 'plug-and-pump'** as all user interface and functions are alike regardless of size making it even easier to install and commission.

**National service and support** ensures assistance from trained personnel regardless of your location.

**Energy efficient** CR multistage resulting in reduced operating costs.

**Compact design** provides reduced installation and servicing costs.

## Construction

Pump type: CRE  
 Pump efficiency: up to 81%  
 Pump head: cast iron

Shaft: 316 ss  
 Impeller: 304 ss  
 Chamber: 304 ss  
 Outer sleeve: 304 ss  
 Pump base: cast iron  
 Shaft seal: cartridge type  
 Motors: MGE (0.37kw - 22kW)  
 System base: 304 ss  
 System manifold: 316 ss  
 Pressure tank: standard  
 Pressure gauge: standard  
 Pressure transmitter: standard  
 Non-return valve: standard  
 Isolating valve: standard  
 Mains supply isolator: standard

## Options

R100 - Remote control  
 CRIE pumps (304ss/316ss)  
 CRNE pumps (all 316ss)  
 No flow/loss of prime protection  
 Galvanised base frame  
 System Head exceeding 160m  
 Full range of options available on request

## Product Information

Data Book  
 WinCaps