



HYDRO MPC

SUPERB PRESSURE CONTROL – OPTIMAL ENERGY EFFICIENCY

THE PREMIUM CHOICE FOR ANY JOB

The Hydro MPC is Grundfos' premium product in the Hydro Booster portfolio. A long list of special features makes it able to handle the operational challenges of any water boosting application. Its easy BMS integration makes it the preferred choice for complex systems and highly technological buildings.

GRUNDFOS | A SMART SOLUTION
ISOLUTIONS | FOR YOU



HYDRO MPC IN MORE DETAIL



High efficiency IE5 Motors

All motors used within the range come with an IE5 rating, the highest energy-efficiency level for electrical motors delivering up to 11 kW.



Extra protection: Detection of defect non-return valve

Each pump outlet is equipped with a non-return valve (NRV) to avoid backflow when the pump is not running. If the pump is forced backwards due to a defect NRV, the controller will give a warning/alarm.



Energy optimization with multi sensor

Optimized system performance by utilizing a secondary fall-back sensor, that enable the system perform with proportional pressure, regulation at the critical pressure point.



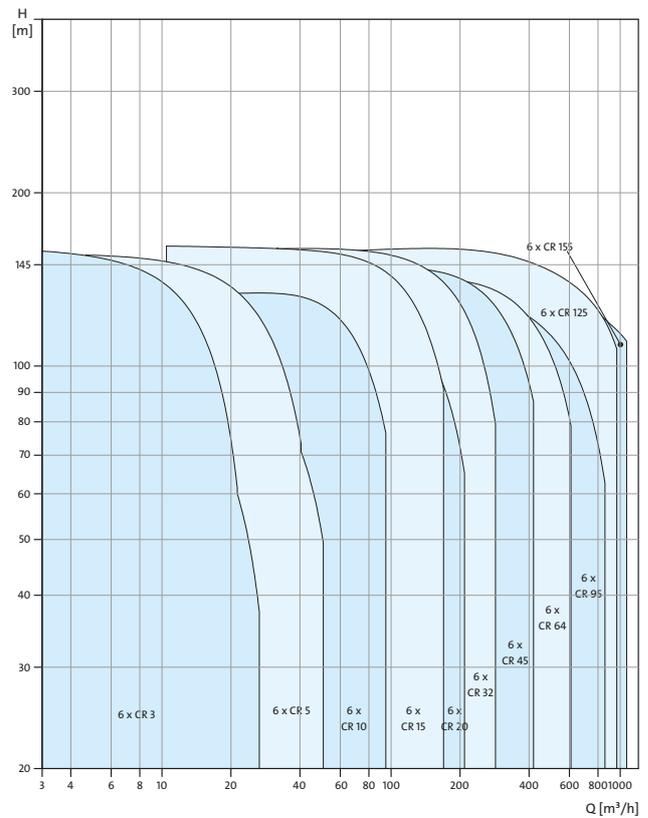
Extended CR booster range

The CR range is updated and extended - CR95 to CR155 improving efficiency and NPSH.

General information	
Product range	2-6 pumps
Flow range	0-1080 m ³ /h
Pressure range	PN16
Max power	6 x 55 kW
Liquid temp.	0-60°C
Ambient temp.	0-40°C

Material information	
Manifold + base frame Stainless steel EN/DIN 1.4301/AISI 304	CRI, CRIE 3 to 20 CR, CRE 32 to CR155
Pump: Stainless steel EN/DIN 1.4301/AISI 304	CRI, CRIE 3 to 20
Pump: Cast iron (Wetted parts are Stainless steel)	CR, CRE 32 to CR155

Performance curve: Hydro MPC



Visit the Grundfos Product Centre online and get access to sizing tools and a full overview of all products, specifications, and application areas. Go to product-selection.grundfos.com

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