



# Lowara GEM series

NEW BOOSTER SETS FOR FIRE PROTECTION ACCORDING TO EN12845

# When safety matters

In automatic sprinkler systems, trustworthy products are a must. Designed and tested to meet a building's most demanding requirements, Lowara GEM firefighting booster sets deliver water when needed.

The broad GEM range is built up of modules that can be tailored to any specific requirement. A combination of modules assembled into a set is conforming to EN12845 for automatic sprinkler systems.

The thought through modular design of the booster not only offers great flexibility, but also makes installation and service easy. The modules are fitted with high quality Lowara FH, SH or e-NCS end suction pumps in either cast iron or stainless steel with electrical motors. For independence of power supply, the GEM range can be fitted with a diesel engine. The set can be assembled with or without an e-SV stainless steel vertical multistage jockey pump and includes features like periodic self-test and automatic shut off.

A range of safety increasing accessories are available, such as a flow meter, dry run protection, reduction suction taper and alarm panels. The GEM booster sets also feature an automatic self-test and an automatic shut off which allows maintenance of the system to be performed without the need to shut down the system fully.



**GEM**  
Single electric service pump module

- Flow: up to 650 m<sup>3</sup>/h.
- Head: up to 103 m.
- Maximum power output: Electric service pump 132 kW.
- Horizontal electric service pump: FHF; SHF or e-NCS series
- Maximum operating pressure: 12 bar



**GEM J**  
Single electric service pump module, with jockey pump

- Flow: up to 650 m<sup>3</sup>/h.
- Head: up to 103 m.
- Maximum power output: Electric service pump 132 kW.
- Horizontal electric service pump: FHF, SHF or e-NCS series
- Vertical jockey pump: 1SV series version T
- Maximum operating pressure: 12 bar



**GEM K**  
Single diesel engine service pump module

- Flow: up to 650 m<sup>3</sup>/h.
- Head: up to 103 m.
- Maximum power: Diesel engine service pump 177,3 kW.
- Horizontal diesel engine service pump: FHF, SHF or e-NCS series.
- Maximum operating pressure: 12 bar

# Xylem |'zīl m|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're approximately 12,900 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and reused in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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Cod.191007201 - P.09/13