



# Maximum energy efficiency and operational reliability in the arena

Smart glanded in-line pump Wilo-Stratos GIGA2.0-I

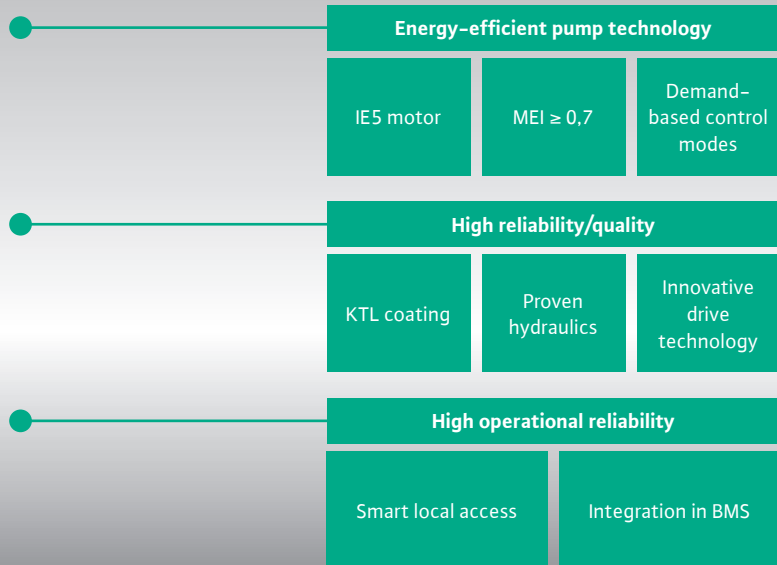
Due to their size and irregular use, arenas pose a particular challenge for heating, cooling and air-conditioning technology. The pumps and pump systems used consume a lot of energy and must adapt permanently to fluctuating demand before, during and after events to ensure energy-efficient operation. It is very important to ensure a high level of operational reliability so that no faults or even a breakdown occur during an event.

The Wilo-Stratos GIGA2.0-I features IE5 motor technology and proven hydraulics ( $MEI \geq 0.7$ ) which allow for high energy efficiency. Its innovative control functions ensure a demand-based supply with maximum energy efficiency. The modern drive technology in connection with the proven pump hydraulics offers high reliability.

The smart glanded pump stands out with a high connectivity level. It offers a wide range of communication interfaces for transmitting and monitoring your operating data – within the building automation system, with local access via Bluetooth or remote access or by us as part of our WiloCare service offer.



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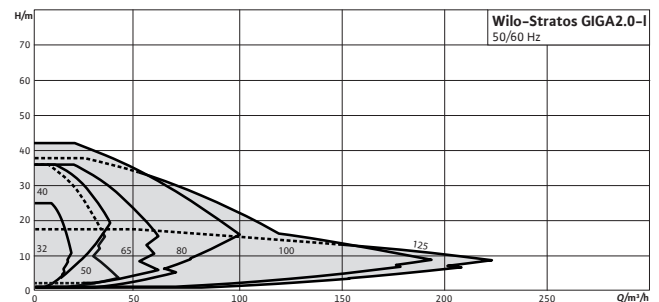


## Technical data

- Permitted temperature range of the fluid:  $-20^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$
- Ambient temperature to  $+50^{\circ}\text{C}$
- Flange nominal diameter DN 32 to DN 125
- Max. Operating pressure 16 bar to  $+120^{\circ}\text{C}$ , 13 bar to  $+140^{\circ}\text{C}$
- Mains connections: 3~ 380 V – 440 V and 1~ 220 – 240 V, 50/60 Hz
- Compliance with electromagnetic compatibility in accordance with EN 61800-3:2018 without additional measures

## Materials

- Pump housing and lantern: EN-GJL-250, cathaporetic coating
- Impeller PPS-GF40 or EN-GJL-200 (depending on the type), shaft made of 1.4057
- Mechanical seal: AQ1EGG (other mechanical seals on request)



## Equipment

- Highly efficient IE5 motor in accordance with IEC 60034-30-2 and MEI  $\geq 0.7$
- Rotatable, graphic colour display, application-guided setting assistant
- Integrated motor protection

Find out more here:

