

Pioneering for You

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Introducing Wilo-Centrum A Range of 1, 2 & 3 Pump Booster Sets.



Introducing the Wilo-Centrum booster set range



The new Wilo-Centrum range of booster sets offers a number of technical advantages and is suitable for a wide range of system requirements. Supplied as complete units they provide easy installation and accurate supply with automatic flow controls.

Available in 1, 2 and 3 pump versions the Wilo-Centrum offers extensive duty ranges and flexibility for most applications.

Your advantages:

- Single pump booster, Twin pump booster with duty/assist & Three pump booster with duty/assist/assist
- Volt-free contact for general fault condition
- Easy to read 2 line back lit LCD display
- Easy set-up
- Auto rotation, hour run counter, alarm counter
- Stainless steel pumps and pipe work
- 3 Year Limited Warranty (from date of manufacture)
- Fully WRAS approved
- Dry running protection
- Low water cut-off switch (optional)
- Duty range 0.4l/s to 10.8 l/s- 7.2 bar max static head
- Manifold connection either 1¼", 2" or 2½" BSP
- Vessel Connection 3/4" BSP

Wilo-Centrum Booster Product information

All units are fully automatic self-contained pump sets designed to provide reliable water supplies. The sets are quiet running, making them suitable for use in hotels and commercial buildings. The control systems are based on proven electronic technology giving reliability and simple on-site adjustment. Sets are manufactured with either one, two or three pumps. The pumps, manifolds and controls are carefully arranged on a steel base frame to ensure that floor space used is minimal, yet maintenance is easily undertaken.



Operational Cycle

System pressure is maintained by a hydraulic accumulator and monitored by integrated pressure sensor, keeping the system ready for instant draw off. When demand causes pressure to drop the duty pump starts, and will ramp up in speed to match the system demand. The pump will continue to run, varying its speed to match the varying demand of the system. If the demand exceeds capacity of the duty pump the assist pump will ramp up in speed ensuring duty point is maintained. When the system demand reduces to zero, the pumps will ramp down until they stop. If the duty pump should fail, the standby will start and run until pressure is restored. The duty pump is rotated between pumps after each operational cycle to ensure even wear (on multi-pump sets only).

Wilo-Centrum Booster Product Specification

Pumps

Vertical multistage design of stainless steel construction, WRAS approved.

Motor

Totally endorsed fan cooled (TEFC), IP55, class F, 230v, 3~, starting via pipe mounted inverter.

Inverter

Each pump has a dedicated pipe mounted inverter, giving maximum reliability and flexibility.

Pipework

316 stainless steel, sized in accordance with the overall hydraulic performance of the unit. Manifold connections 2½”, 2” or 1¼” BSP.

Valves

Nickel-plated brass full bore isolation valves and non-return valves.

Accumulator

1x 8L MWP 8bar, WRAS Approved C/W through flow shut-off valve for testing and draining.

Control Panel

Volt free contact for general fault condition. 230v termination box with MCB protection per pump all mounted on base frame with anti-vibration mounts along with alarms as stated below.

Inverter alarm

Dry running, over current, high water tem. frost protection, short circuit, over/under voltage. Low water

Display

System pressure, set point.

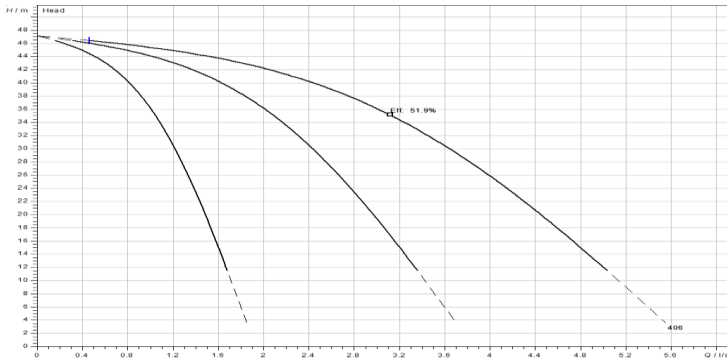
Wilo-Centrum Product Range	
Wilo Code	Booster Description
29993227	Wilo-Centrum SV406
29993228	Wilo-Centrum SV408
29993229	Wilo-Centrum SV605
29993230	Wilo-Centrum SV608
29993231	Wilo-Centrum SV1004
29993232	Wilo-Centrum SV1006
29993233	Wilo-Centrum DV406
29993234	Wilo-Centrum DV408
29993235	Wilo-Centrum DV605
29993236	Wilo-Centrum DV608
29993237	Wilo-Centrum DV1004
29993238	Wilo-Centrum DV1006
29993239	Wilo-Centrum TV406
29993240	Wilo-Centrum TV408
29993241	Wilo-Centrum TV605
29993242	Wilo-Centrum TV608
29993243	Wilo-Centrum TV1004
29993244	Wilo-Centrum TV1006

Add on Booster Ancillaries	
Wilo Booster Set Commissioning Codes	
Optional CAVSA Valve	
2817747	CAVSA Anti-VAC Valve
2818368	Low Water Cut Out Switch

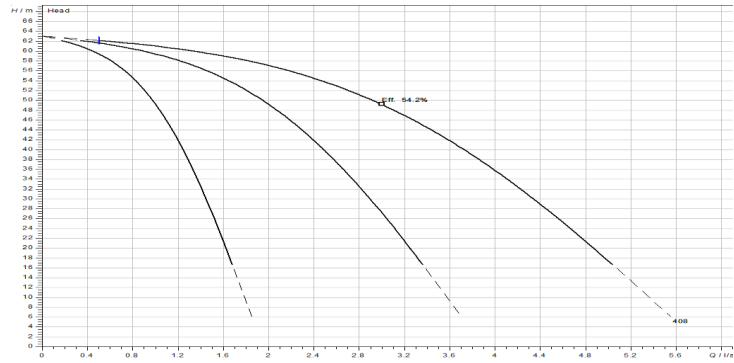


Wilo-Centrum Booster System Curves

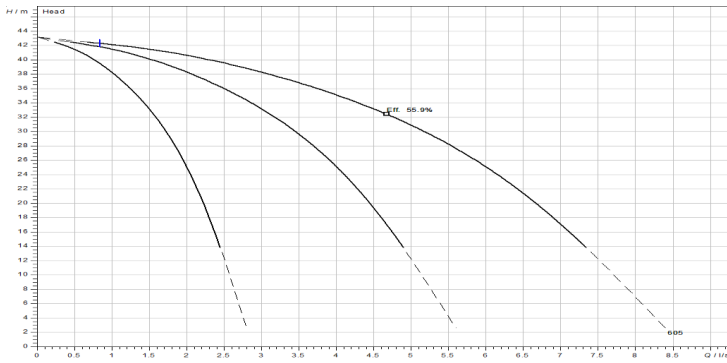
Centrum 406



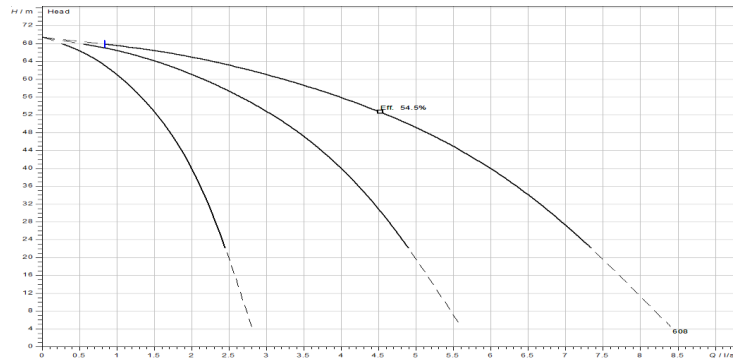
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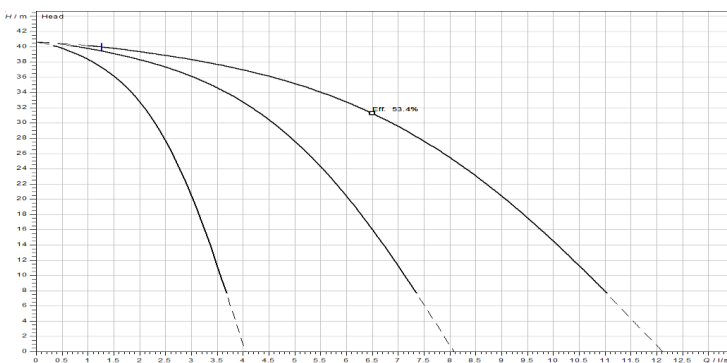
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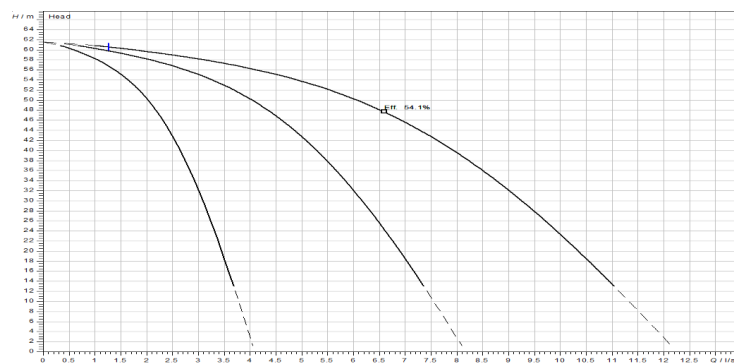
Centrum 608



Centrum 1004



Centrum 1006





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