VMV RANGE

PRODUCT DATA SHEET

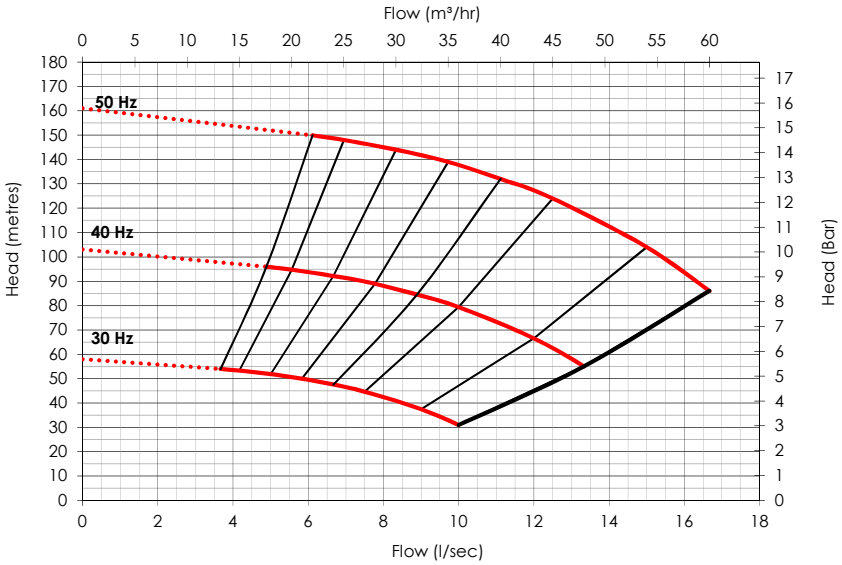
VMV3-15-5H220L02

Product Description

The WRAS approved VMV is a versatile, high-performance cold water booster set constructed using premium components and a strict adherence to quality standards. Specifiers can tailor a booster set to the precise project requirements. The VMV can be delivered disassembled for on-site assembly if required.

- All products in the VMV Cold Water Pressure Booster range are fully WRAS approved.
- Variable speed pumps
- HIRISE technology which protects the building's pipework by ensuring the pumps start slowly during the initial fill process to prevent surge and consquent damage to the riser.
- Intelligent motor control
- Cyclic duty changeover which ensures even wear across all pumps in the system.
- Common alarm volt-free contract
- Hours run recorders
- Pressure set point adjustment
- Local electrical isolation and MCB protection.
- Integral anti-vibration mountings
- TrueStandby™ ensures that every key component in the pressure booster has a back-up to keep the system operational in the rare occurrence of a component failure.

Performance per pump Inverter Controlled



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Specification

Suction connection	DN 150
Delivery connection	DN 150
Max operating flow	16.7 l/s
Max operating pressure	14.7 bar
Closed Valve pressure	15.8 bar
Maximum system pressure Rating	16 bar
Speed	Variable
IP Rating	IP55
Motor Power	22 kW
Weight	1280 kg
Pressure Vessel(s)	70 litres
Maximum operating temperature	40 °C

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Electrical Data

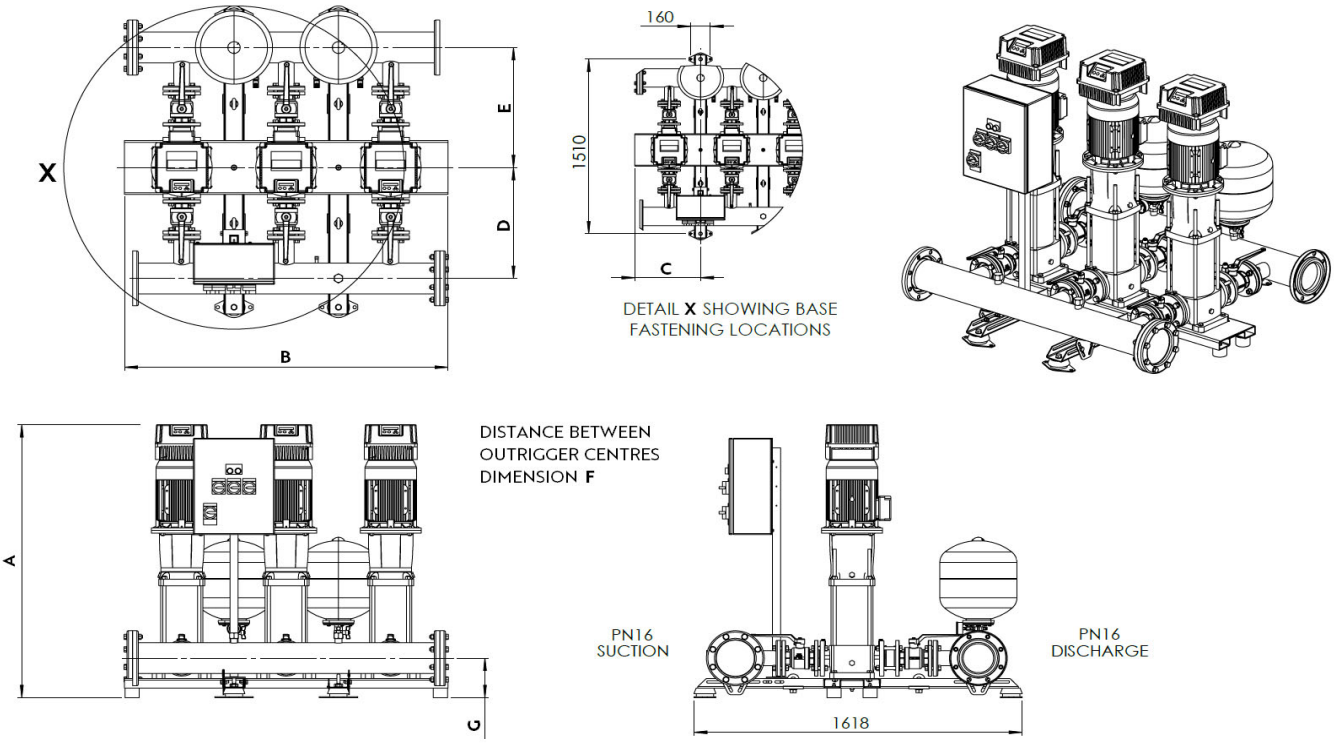
Electrical phase	3Φ
Operating speed range	30 - 50Hz
Supply Voltage	400 V
Full load current, per pump	42.6 A
Total Full load current	127.8 A

VMV model Codes

VMV3-15-5H220L02

- Number of pumps
- Nominal flow (l/s)
- Frequency (50/60 Hz)
- Inverter Type
- Motor Power
- Pump Incremental number

Technical Drawing



Drawing dimensions

Dimension A	1753
Dimension B	1595
Dimension C	540
Dimension D	621

Dimension E	672
Dimension F	515
Dimension G	240

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WRAS APPROVED PRODUCT CERTIFICATION MARK

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