

Pioneering for You

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Multi-Pump Pressure Boosting Systems With Speed-Controlled Pumps

Wilo-SiBoost Smart MWISE | SiBoost Smart (FC) Helix V, ..VE, ..EXCEL

*WMP Boost – Helix Excel/VE PC MV

IE5





Field of application	Pressure boosting
Duty chart	
Construction	Highly efficient system with 2 to 4 stainless steel, non self-priming, high pressure multistage centrifugal pumps (Helix V, VE, EXCEL, MWISE) switched in cascade or synchronous motor speed
Application	Full automatic water supply in residential/office buildings & industrial systems For pumping drinking/process water, cooling water. *Available with Pilot/Jockey pump
Volume flow Q_{max}	360 m ³ /h
Delivery head H_{max}	158 m
Special features	<ul style="list-style-type: none"> → High-efficiency pump hydraulics → Helix VE with IE4, Helix EXCEL with High-efficiency EC motor (IE5 acc. to IEC 60034-30-2) → Hydraulics of entire system are pressure-loss optimised → Integrated dry-running detection and low water cut-out switch
Technical data	<ul style="list-style-type: none"> → Mains connection <ul style="list-style-type: none"> – Helix V: 3~415 V, 50 Hz – Helix VE and EXCEL: 3~415 V, 50 Hz → Max. fluid temperature 70 °C → Operating pressure 16/25 bar → Inlet pressure 10 bar → Protection class IP54
Equipment/function	<ul style="list-style-type: none"> → Automatic pump control via Smart Controller SC/MV → Innovative pressure-variable control for Helix VE, EXCEL, MWISE → Components with fluid contact are corrosion-resistant → Shut-off device on suction and pressure sides of each pump → Non-return valve, pressure sensor, diaphragm pressure vessel on pressure side → Low-water sensor standard for VE, EXCEL, MWISE

WILO Mather and Platt Pumps Pvt. Ltd.
1st Floor, "One Elpro Park",
Elpro Compound, CTS No.4270,
Chinchwad, Pune – 411033.
Maharashtra (India)

T +91 20 67347100 / 200
Service Toll Free: 1800 266 8866

www.wilo.in
sales.in@wilo.com

www.facebook.com/WiloIndia

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