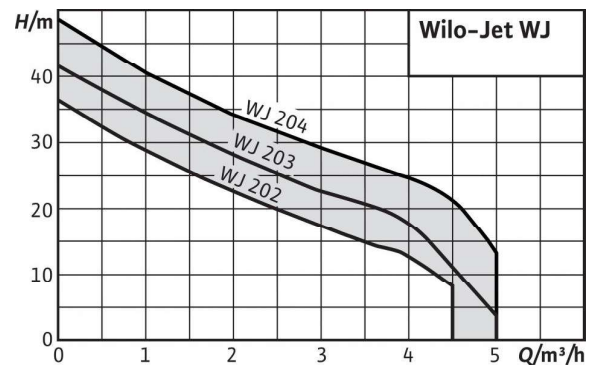# Series description: Wilo-Jet WJ

Similar to figure

Design
Self-priming multistage centrifugal pumps

Application
- Pumping water from wells
- Filling, pumping empty, transferring by pumping, irrigation and sprinkling
- As emergency pump for overflows

Type key
Example:	**WJ-203-X-EM**
WJ	Wilo jet pumps
2	Nominal flow rate Q in m³/h at optimum efficiency
03	Index for pump pressure Version 03 with higher pressure than version 02 (no indication of number of impellers!)
X	Version without carrying frame
[Space]	Portable version with carrying frame
EM	Single-phase current, 1~230 V, 50 Hz
DM	Three-phase current, 3~230/400 V, 50 Hz

Special features/product advantages
- User-friendly thanks to its light weight, compact size and practical carrying handle
- High supply guarantee due to hydraulic output, self-priming up to 8 m (also at a low flow rate)
- Robust stainless steel construction for durable operation, impeller, shaft and housing made of AISI 304
- IE3-IEC three-phase AC motor (≥ 0.75 kW)

Technical data
- Mains connection 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Inlet pressure max 2 bar
- Fluid temperature max. +5 °C to +35 °C
- Max. operating pressure 6 bar
- Protection class IP 44
- Suction- and pressure-side connection G 1

Equipment/function
- With or without carrying handle, depending on version
- For single-phase motor (1~230V):
  - Connection cable with plug
  - On/off switch
  - Thermal motor protection switch

Materials
- Pump housing stainless steel 1.4301
- Impeller made of 1.4301 stainless steel
- Shaft made of 1.4005 stainless steel
- Mechanical seal made of ceramic/carbon
- Diffuser/injector made of Noryl
- Seals made of NBR

Scope of delivery
- Pump
- With or without carrying handle, depending on version
- Installation and operating instructions

Accessories
- Automatic pressure switching: Fluid control
- Suction/pressure hose 1" (1.5 to 15 m version)
- Foot valve