

Pioneering for You

wilo



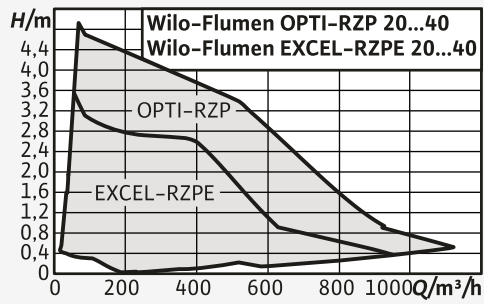
Wilo Pumps and Pumping Systems

Wilo-Flumen OPTI-RZP Wilo-Flumen EXCEL-RZPE





Duty chart



Construction Design :	Recirculation pump: Submersible mixer, directly driven with attached flow housing.
Application :	<ul style="list-style-type: none"> → Recirculation between nitrification and denitrification in the biological wastewater treatment → Returning return activated sludge to the activated sludge tank or for sludge treatment → Water circulation for aquaculture (fish farming) → Special applications
Special features :	<ul style="list-style-type: none"> → Reliable continuous operation due to low clogging propellers and flow housing that is pump in non-clog design. → High operational reliability by using stainless steel investment-cast propellers → Reduction of energy costs thanks to high pump efficiency → Customer-specific configuration taking into account the different pipe diameters and volume flows → Simple adaptation to the system parameters through operation with a frequency converter → Easy installation and removal, even when the basins are filled due to lowering devices and screwless coupling → Simple replacement due to adaptation to existing installations
Technical data :	<ul style="list-style-type: none"> → Mains connection: 3~400 V, 50 Hz → Fluid temperature: 3 ... 40 °C (37 ... 104 °F) → Submerged operating mode: S1 (continuous duty) → Protection class: IP68 (permanently immersed) → Insulation class: H → Max. switching frequency: 15/h → Max. immersion depth: 20 m (66 ft)
Equipment/function :	<ul style="list-style-type: none"> → Thermal motor monitoring with bimetallic strip → Flow housing → Operation with frequency converter possible