



Technical Specification

Submersible Pump Ready 8S, 50 Hz



Flygt



ITT Industries



READY 8S

Product

Submersible solids handling pump esigned to handle contaminated water and water mixed with sand and gravel.

Denomination

Product code	2008.280
Installation	S
Impeller characteristic	MT

Process data

Liquid temperature	max 35 °C
Depth of immersion	max 5 m
The pH of the pumped liquid	pH 3-9
Liquid density	max 1100 kg/m ³
Inlet	38 mm

Motor data

Frequency	50 Hz
Insulation class	F (+155 °C)
Voltage variation	
- continuously running	max ± 5%
- intermittent running	max ± 10%
Voltage imbalance between phases	max 2%
No. of starts/hour	max 15

Cable

Direct-on-line start	
H07RN-F	3x1 mm ²

Monitoring equipment

Thermal contacts opening temp. 135 °C

Material

Outer casing	Stainless steel
Stator housing	Stainless steel
Shaft	Stainless steel
Impeller	Polyurethane
Pump housing	Polyurethane
Pump top	Stainless steel/Reinforced polymer

Mechanical face seals

Alternative	Inner seal	Outer seal
1	Carbon/Ceramic	Silicon carbide/Silicon carbide

Surface Treatment

The pump top is sprayed with red paint. The outer casing is polished.

Weight

Excluding power cable.

Installation	MT			
S	15 kg			

Option

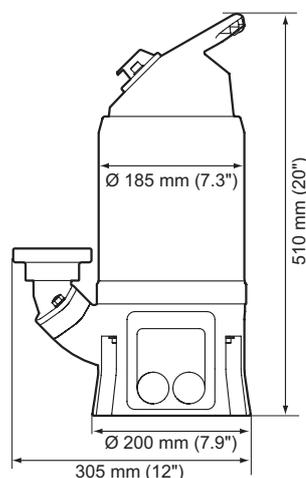
- Level controls
- Discharge connection with coupling C

Accessories

- Adapters, hose connections and other mechanical accessories.
- Electrical accessories such as pump controller, control panels, starters, monitoring relays, cables.
- See separate booklet or for further information.

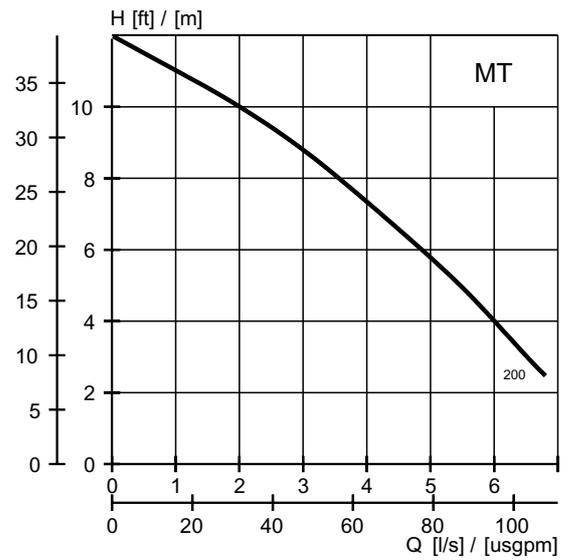
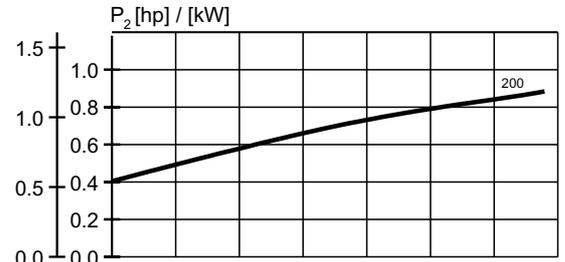
Dimensions

Discharge connection 2"



MT-Motor rating and performance curve

Curve/Impeller No	Rated Power, kW	Rated current, A	Starting current, A	Power factor cos ϕ	Ex proof version available
230 V, 50 Hz, 1~, 2770 r/min					
200	0.9	5.2	19.0	1.0	No
115 V, 50 Hz, 1~, 2800 r/min					
200	0.9	11.0	43.0	0.96	No





www.flygt.com