



Technical specification

Dewatering pump KS 2610, 50 Hz



Flygt



ITT Industries



KS 2610

Product

Submersible pump for dewatering building yards, mines, draining water in flooded areas, and other similar applications. The pump can handle water containing abrasive solids.

Denomination

Product code	2610.170
Installation	S
Impeller characteristics	MT

Process data

Liquid temperature	max +40 °C
Depth of immersion	max 20 m
Liquid density	max 1100 kg/m ³
Strainer hole size	6 mm x 13.5 mm
The pH of the pumped liquid	ph 5 - 8

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 30

Cable

SUBCAB®	3G1.5 4G1.5 4G1.5+2x1.5
NSSHÖU	3x2.5+3x2.5/3E+3x1.5

Monitoring equipment

Thermal contacts opening temp.	+125°C
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Material

Cover	Aluminium alloy
Cooling jacket	Aluminium alloy
Intermediate piece	Aluminium alloy
Impeller	High chrome alloyed white cast iron
Wear parts	Nitrile rubber
Stator housing	Stainless steel
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber

Mechanical face seals

Alternative	Inner seal	Outer seal
1	Tungsten carbide/Ceramic	Tungsten carbide/ Tungsten carbide

Weight

Excl. cable	19 kg
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Option

- Warm liquid version
- Level regulator
- Starters
- Low suction collar
- Zinc anodes
- Other cables

Accessories

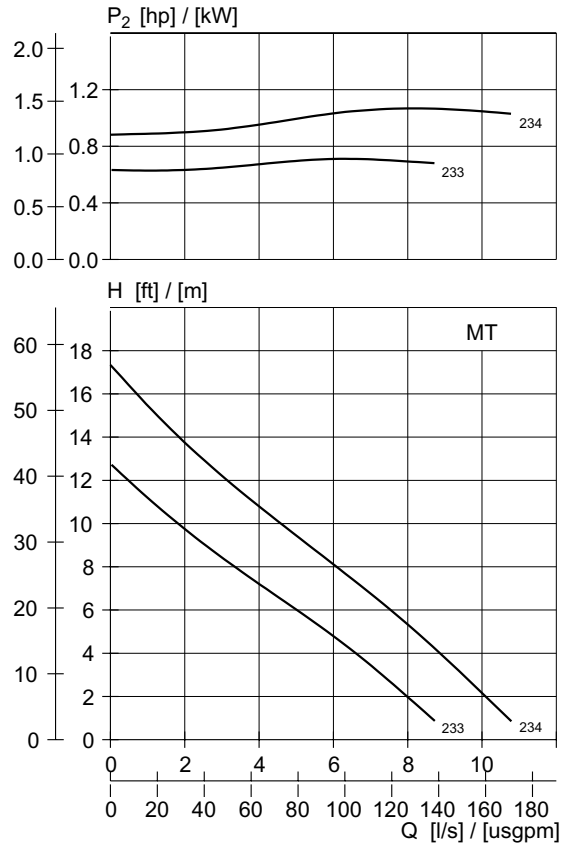
- Adapters, hose connections and other mechanical accessories.
- Electrical accessories such as pump controller, control panels, monitoring relays, cables.
- See separate booklet or www.flygt.com, for further information.

Clog resistant MT- Motor rating and performance curve

2610.170

Curve/Impeller No	Rated Power, kW (hp)	Rated current, A	Starting current, A	Power factor cos ϕ	Ex proof version available
220 V D, 50 Hz, 3~, 2735 r/min					
234	1.1 (1.5)	4.3	20	0.88	No
230 V D, 50 Hz, 3~, 2770 r/min					
234	1.1 (1.5)	4.3	21	0.83	No
380 V Y, 50 Hz, 3~, 2735 r/min					
234	1.1 (1.5)	2.5	12	0.88	No
400 V Y, 50 Hz, 3~, 2770 r/min					
234	1.1 (1.5)	2.5	12	0.83	No
415 V Y, 50 Hz, 3~, 2785 r/min					
234	1.1 (1.5)	2.5	13	0.79	No
500 V Y, 50 Hz, 3~, 2740 r/min					
234	1.1 (1.5)	1.9	9	0.88	No
550 V Y, 50 Hz, 3~, 2790 r/min					
234	1.1 (1.5)	1.9	10	0.78	No
110 V, 50 Hz, 1~, 2800 r/min					
233	0.75 (1.0)	9.1	38	0.98	No
220 V, 50 Hz, 1~, 2800 r/min					
233	0.75 (1.0)	4.5	19	0.98	No
230 V, 50 Hz, 1~, 2820 r/min					
233	0.75 (1.0)	4.5	20	0.97	No
240 V, 50 Hz, 1~, 2835 r/min					
233	0.75 (1.0)	4.5	21	0.94	No

Y/D starting current is approximately 1/3 of D starting current.

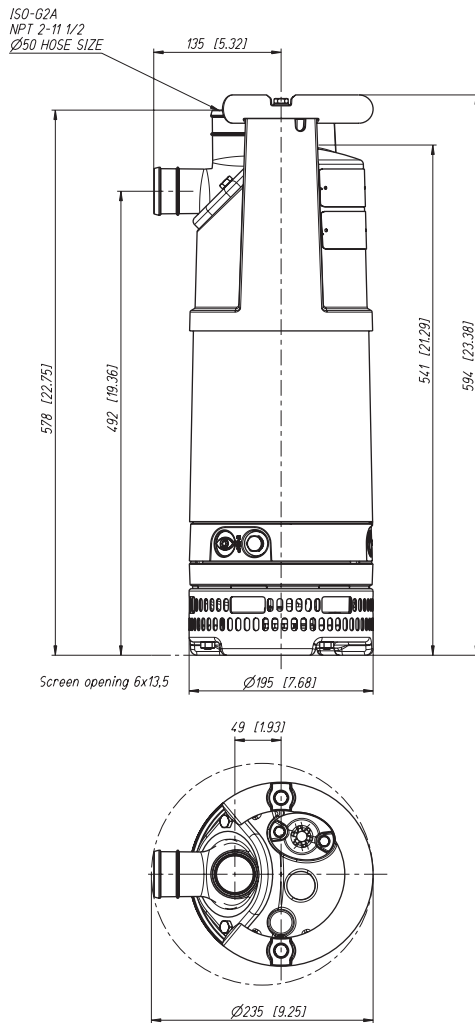


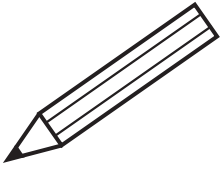
Dimensional drawing

All drawings are available as Acrobat documents (.pdf) and AutoCad drawings (.dwg). Download the drawings from www.flygt.com or contact your ITT Flygt representative for more information.

All dimensions are in mm and (inch).

MT, S-installation





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www.flygt.com