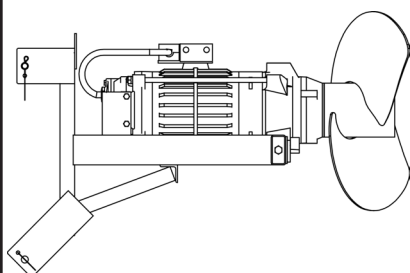


Submersible Mixer GTWSI-Ex 1540 / 204

up to 65°C Technical Data



Submersible mixer according to device category 2G T3, allowed for ex-proof zones 1 and 2 in hazardous explosive area with gaseous atmosphere with ignition temperature of $t_{\text{ign}} > 200 \text{ }^\circ\text{C}$. Fluid chemical neutral, max. temperature 65°C. Operating depth max. 40 m.
 Labelling: $\text{Ex II 2G Ex e IIB T3 Gb } 0^\circ\text{C} \leq T_a \leq +65^\circ\text{C}$
 Type examination certificate: 0123 Ex5 05 05 55646 002

Propeller data

Motor data

Operating voltage 400V / 50 Hz

Type	Propeller dia mm	Speed RPM	Thrust appr. N	Rated power kW	Rated speed RPM	Rated current A	I_a/I_N	t_E s	Weight appr. kg
GTWSI-Ex 1540	690	240	2500	11,0	1460	21,2	6,7	8	260
204	820	240	3500	15,0	1460	28,9	6,9	9	260

Design:

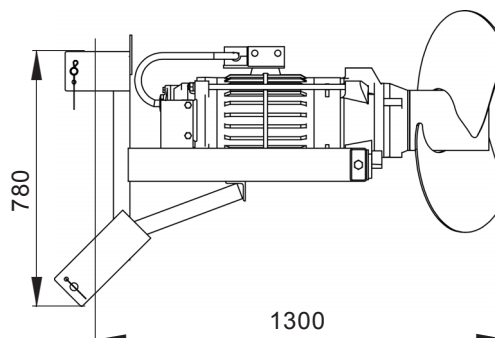
- Stator thermal- and dampproof, insulation class H=180°C, protection type IP68
- Thermal protection of the winding by means of built-in PTC thermistors
- Thermal control system in the switchgear*
- Leakage control with an electrode in the oil chamber
- Electronic leakage control in the switchgear*
- Mechanical seal, motor and medium side, with oil chamber
- Electric cable 14 m long with free cable ends, 7 x 4 + 3 x 1 mm², with 8 m protection hose
- Starting: star-delta*
- Planetary gear drive, oil bath lubricated

* Switchgear (by customer) with ATEX-allowed relay for PTC thermistor, with motor protection switch with ATEX certification (setting of I_A/I_N and t_E), with electronic leakage control (see price list).

Materials:

- Housing parts: cast iron
- Propeller: stainless steel, V2A
- Screws/shafts: A2-70 / heat treatable steel
- Accessories: stainless steel, V2A
- Corrosion protect. synthetic resin paint, optional 2-component epoxy coating

Required openings w x l = 1100 x 1700
 Carriage for guide rail \varnothing 100



Dimensions in mm Data and illustrations are not binding