

DTR 101

Sewage
Grinder



Drainage pumps with open impeller characterized by head in ratio to the type and size of the machine. The grinder allows to pumps sewage containing textile or filamentous fibres have to be crushed. The single-phase version includes a built-in capacitor, a thermal protector and it can be equipped with a float switch.



Grey water



Black water

Construction features

Painting	cataphoresis
Pump body	cast iron
Shell, motor cover	stainless steel
Impeller	brass
Mechanical seal	double seal with oil barrier: silicon carbide on pump side, sealing ring on motor side
Motor shaft	stainless steel AISI 430



Grinder treated stainless steel

Max submergence 5 m

Liquid temperature 0 - 40 °C

Cable H07 RN8F, 10 m

G float switch

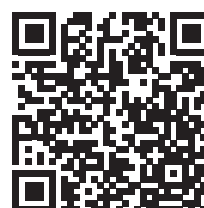
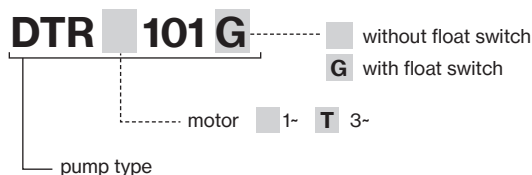
Motor

3~ 400V - 50Hz

2 poles induction motor 1~ 230V - 50Hz
(with thermal protection)

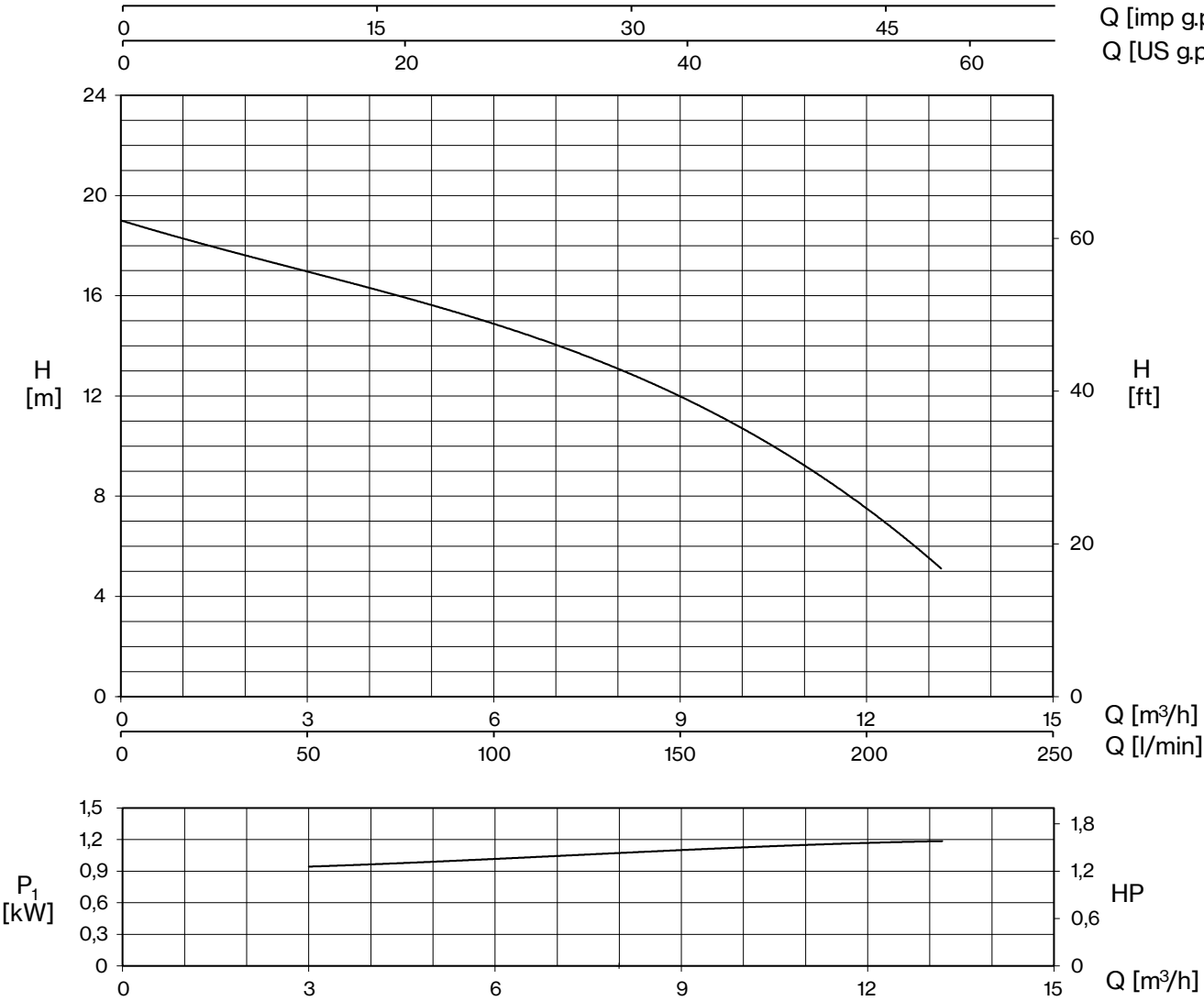
Insulation class F

Protection degree IPX8



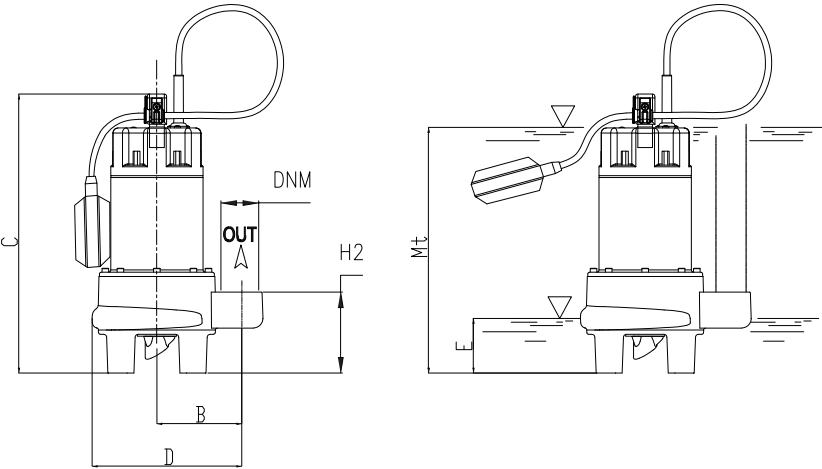
DTR 101

Q [imp g.p.m.]
Q [US g.p.m.]



TYPE - 50 Hz		P1	CURRENT		Q (m³/h - l/min)					
1~	3~		1~ 230V	3~ 400V	0	3	6	9	12	13,2
					0	50	100	150	200	220
			kW	A		H (m)				
DTR 101 (G)	DTRT 101	1,2	5,3	2,2	19,0	17,1	14,8	11,9	7,8	4,9

E: maximum emptying level
Mt: minimum liquid level for
continuos duty



TYPE		DIMENSIONS (mm)							M			Kg
1~	3~	B	C	D	E	H2	Mt	DNM	I	L	M	
DTR 101 (G)	DTRT 101	105	369	288	84	104,5	316	1" ½ G	260	185	450	16,5

