

# FTR 101


Drainage  
Grinder



Drainage pump 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.

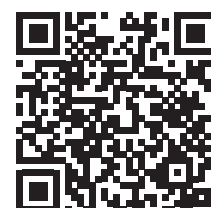
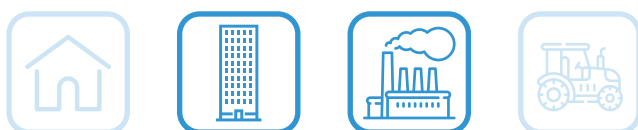


## Construction features

<b>Pump body</b>	cast iron
<b>Shell, motor cover</b>	stainless steel
<b>Impeller</b>	brass
<b>Mechanical seal</b>	double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side
<b>Motor shaft</b>	stainless steel AISI 430
 <b>Grinder</b>	treated stainless steel
<b>Max submergence</b>	max 5 m
<b>Liquid temperature</b>	0 - 40 °C
<b>Cable</b>	H07 RNF, 10 m
<b>G</b>	float switch

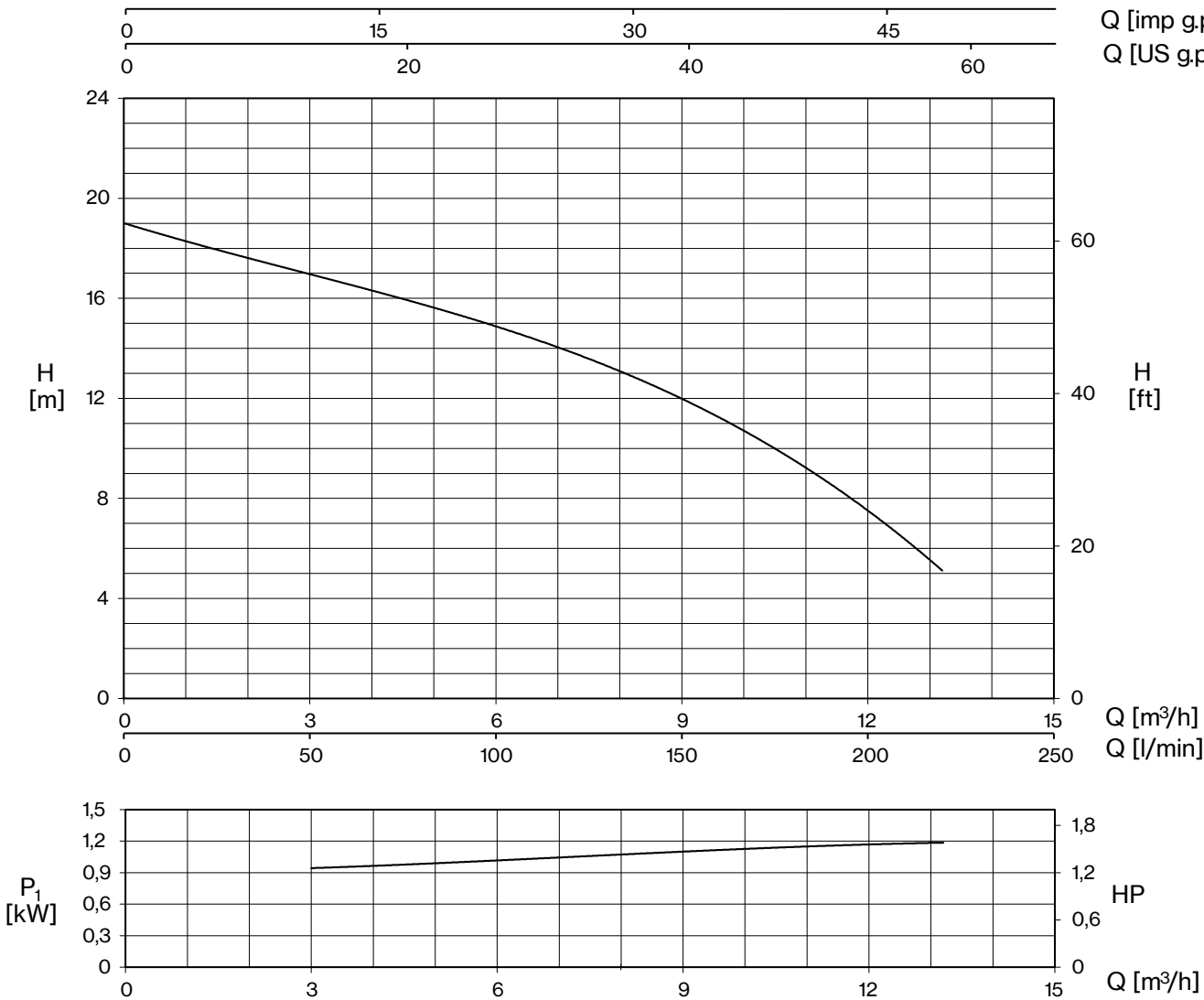
## Motor

	3~ 400V-50Hz
<b>2 Poles induction motor</b>	1~ 230V-50Hz (with thermal protection)
<b>Insulation class</b>	F
<b>Protection degree</b>	IPX8



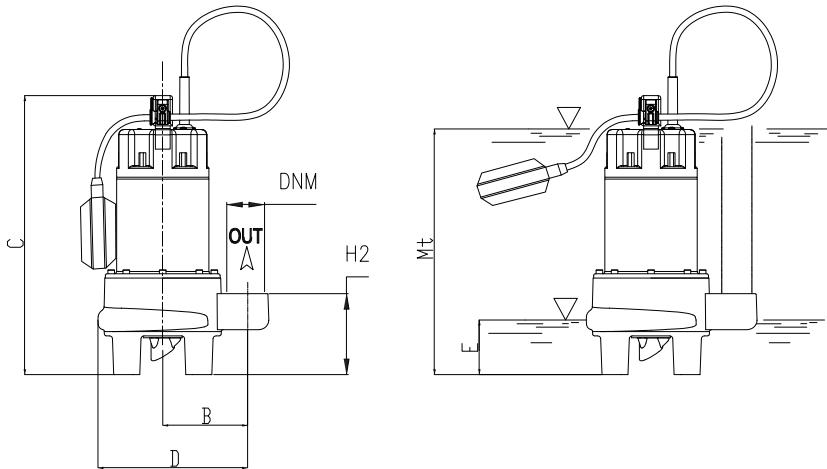
# DTR 101

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



TYPE		W	AMPERE		Q (m³/h - l/min)							
1~	3~		1~	3~	0	3	6	9	12	13,2		
					0	50	100	150	200	220		
			1x230 V 50 Hz		3x400 V 50 Hz						H (m)	
FTR 101 (G)	FTR 101 T	1200	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 continuous duty



TYPE	DIMENSIONS (mm)										Kg
	B	C	D	E	H2	Mt	DNM	I	L	M	
FTR 101	105	359	218,5	70	104,5	313	1" 1/2 G	260	185	450	16,5