

# DTR MACERATOR PUMP

Submersible pumps with cast iron body, for waste water containing solids. Suitable for domestic sewage pumping systems.

Robust construction incorporating a grinder to shred the solids.

Single phase pumps require separate control (starter) box.

Three phase pumps require separate motor starter.

Level controls required for automatic operation.

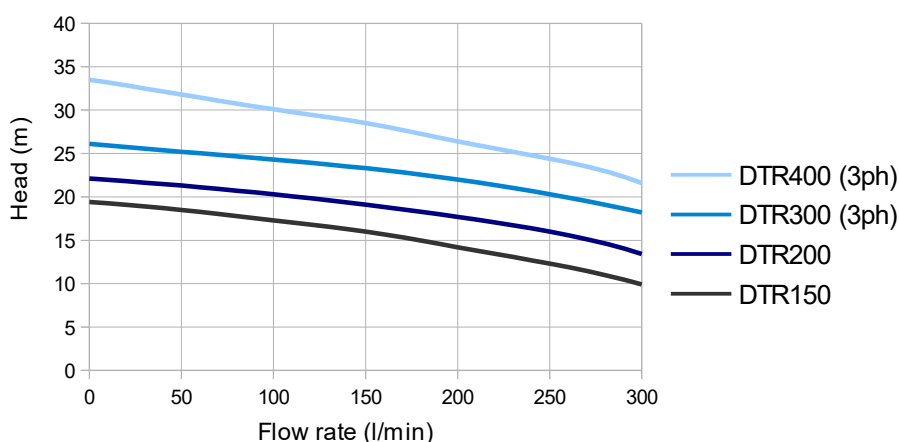
Minimum liquid temperature: 0 °C  
 Maximum liquid temperature: 40 °C  
 Maximum immersion depth: 20 m  
 Maximum starts/hour: 10  
 Idle/run ratio: 4:1

### Construction:

Pump body: cast iron  
 Casing: cast iron  
 Impeller: cast iron  
 Grinder: treated stainless steel  
 Motor shaft: 304 stainless steel  
 Connections:-  
 DTR150-300: 2" BSP  
 DTR400: DN50 flange

### Close-coupled motor:

2-pole induction motor  
 Oil-bath motor with double mechanical seal.  
 DTR150 & DTR200: 1ph or 3ph  
 DTR300 & DTR400: 3ph only  
 Rated for continuous duty  
 Protection IP68  
 Insulation class F



	Outlet	kg
<b>DTR150</b>	2" BSP	35
<b>DTR200</b>	2" BSP	36
<b>DTR300</b>	2" BSP	37
<b>DTR400</b>	DN50 flng	58

	kW	AMPS 1~	AMPS 3~	Head (m)	0	50	100	150	200	250	300
<b>DTR150</b>	1.1	11.5	4.4		19.4	18.5	17.3	16	14.2	12.3	9.9
<b>DTR200</b>	1.5	13.6	5.1	22.1	21.3	20.3	19.1	17.7	16	13.4	
<b>DTR300 *</b>	2.2	-	5.8	26.1	25.2	24.3	23.3	22	20.3	18.2	
<b>DTR400 *</b>	3	-	7.5	33.5	31.8	30.1	28.5	26.4	24.4	21.6	

\* only available in three phase version