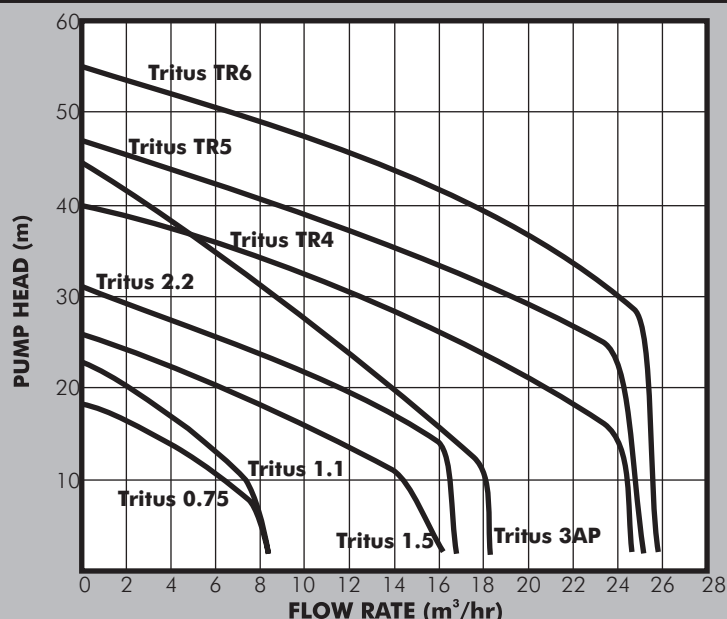
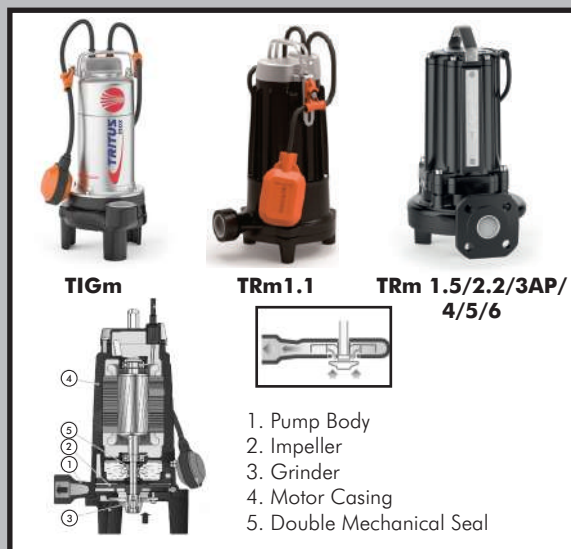




PUMP

Pedrollo Tritus Grinder pumps are of exceptionally robust, heavy duty specification specially designed for shredding solids and fibres found in wastewater and sewage allowing them to pass through small diameter pipes without blockage in domestic, agricultural, industrial and building site applications. The pump is provided with a superior and effective grinder made of hardened, highly resistant AISI 440C stainless steel and the pump body is made from heavy duty cast iron protected with an epoxy electrocoating (TIGm motor casing made of AISI 304 stainless steel). Other features include an open technopolymer impeller for 0.75kW to 1.1kW and open type micro cast AISI 304 stainless steel for the 1.5kW to 6kW pumps, double mechanical seals, a low level float switch with a patented fitting system (single phase pumps) and 10m cable. Standard pumps are of freestanding design with flange/threaded connection. Alternative sewage system arrangement with guide rails is available.

MOTOR

The pump is fitted with an integral TEFC motor and powered with a hermetically sealed induction motor with thermal overload protector incorporated into the winding. Single phase pump are supplied complete with an external floatswitch and control box with a manual reset motor protection with a starting and operating condenser while three phase pumps require a remote DOL starter.

Enclosure Class: IPX8

Insulation Class: F

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, chemically non-aggressive liquids containing suspended particles

Max. Liquid Temperature: +40°C

Min. Immersion Depth: 300mm (Tritus TIGm/TRM1.1), 350mm (Tritus TRm1.5, TR2.2/3AP/4), 490mm (Tritus TR5/6)

Max. Immersion Depth: 5m (Tritus TIGm), 10m (Tritus 1.1/1.5/2.2/3AP/4/5/6)

Max Particle Size: 85mm (Tritus TIGm, 1.1), 95mm (Tritus 1.5 / 2.2 / 3AP/4), 130mm (Tritus TR5/6)

PUMP DATA

Model	Motor		Voltage (V)	Current (A)	DN (")	Dimensions(mm)			Weight (kg)
	kW	HP				A	B	H	
Tritus TIGm 0.75	0.75	1	1x240	5.5	1½	115	85	398	16
Tritus TRm1.1	1.1	1.5		7.4	1¼	140	104	406	25.7
Tritus TRm1.5	1.5	2		10	1½	172	105	489	45
Tritus TR 2.2	2.2	3	5.5	44					
Tritus TR 3 AP	3	4	6.3	203		126	480	53	
Tritus TR 4	4	5.5	7.5					54	
Tritus TR 5	5	6.7	3x415	10.5		3	203	164.5	656
Tritus TR 6	6	8		14.5	118				

