



Sewage



Domestic use



INSTALLATION AND USE

The **TRITUS-TX** grinder pump is equipped with a robust, hardened **stainless steel blade**, expertly designed to cut through solids and fibers found in **domestic wastewater and sewage**. It includes a compact, integrated magnetic float switch with a vertical sliding mechanism. This innovative design ensures outmost electrical safety while facilitating operation in confined spaces, requiring as little as **220 mm** of clearance from the pit wall.

INCLUDES

- ✂ **5 m** power cable
- ✂ float switch

APPLICATION LIMITS

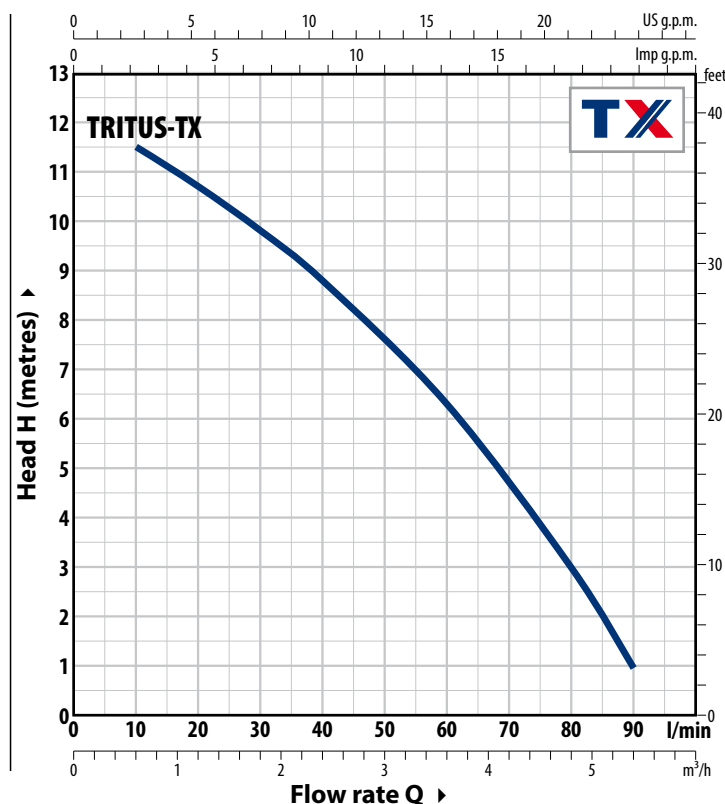
- Depth below water level up to **5 m**
(with an appropriately sized power cable)
- Liquid temperature up to **+40 °C**
- Bottom drainage level up to **35 mm**

AVAILABLE UPON REQUEST

- ✂ Power cable length **10 m**
- ✂ Different voltage requirements 60 Hz frequency

CURVES AND PERFORMANCE DATA

50 Hz



PATENTS - TRADE MARKS - MODELS

- TRITUS® Registered Trade mark No. 013017181

ABSORPTION

TYPE	VOLTAGE
Single-phase	230 V
TRITUS-TX	2.8 A

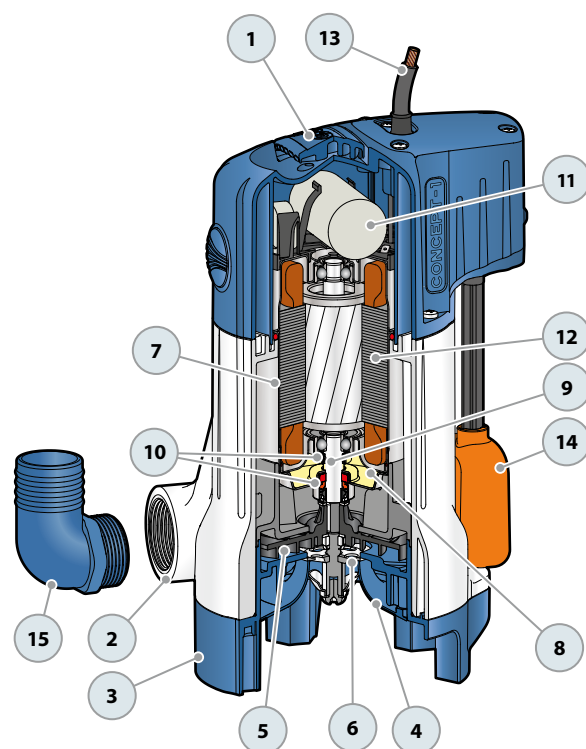
TYPE	POWER (P ₂)		Q	0	0.6	1.2	1.8	2.4	3.6	4.8	5.4
	kW	HP		0	10	20	30	40	60	80	90
TRITUS-TX	0.55	0.75	H metres	12.0	11.5	10.5	9.6	8.6	6.2	3.0	1.0

Q = Flow rate H = Total manometric head

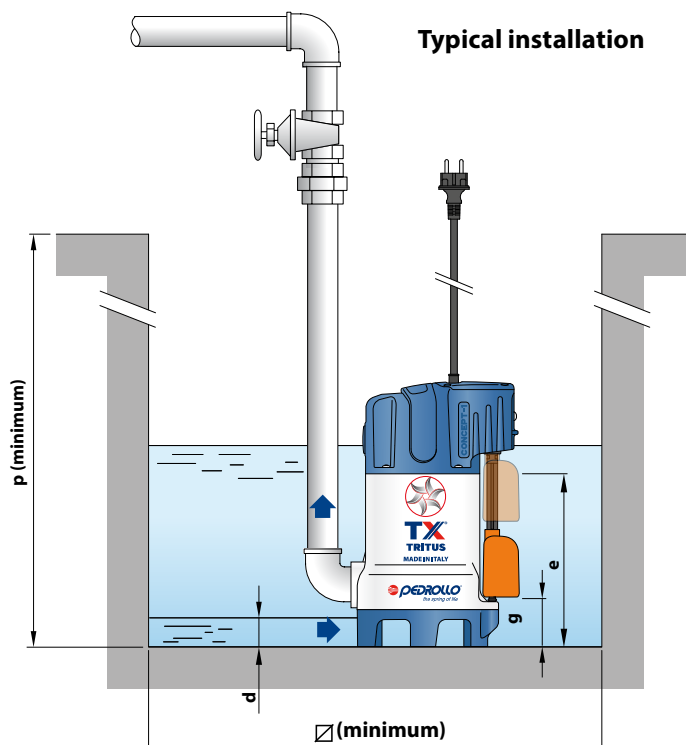
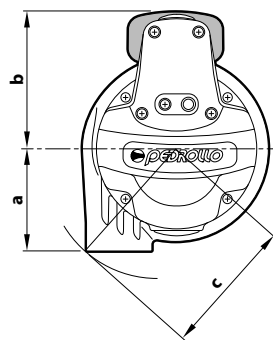
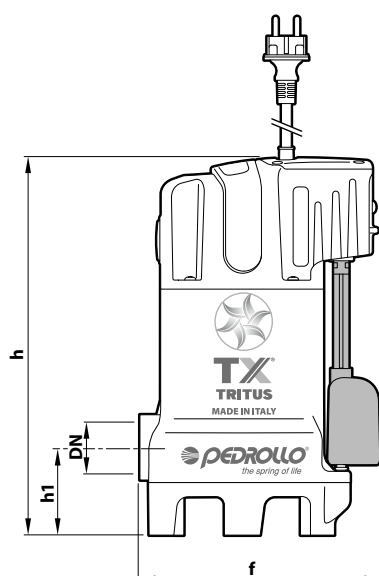
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

MATERIALS AND COMPONENTS

1	Handle	Technopolymer		
2	Pump body	Technopolymer with ISO 228/1 threaded metal insert delivery port		
3	Base	Technopolymer		
4	Conveyor belt	Technopolymer		
5	Impeller	Noryl™		
6	Grinder	Hardened AISI 440C stainless steel		
7	Motor sleeve	Stainless steel AISI 304		
8	Motor cover	Stainless steel AISI 304		
9	Motor shaft	Stainless steel AISI 431		
10	Double shaft seal with interposed oil chamber			
	Seal	Shaft	Materials	
	STA-12R SIC	Ø 12 mm	Ceramic / S. Carbide /NBR	
	Shaft seal	Ø 12 x Ø 19 x H 5 mm		
11	Capacitor			
12	Electric motor single-phase 230 V - 50 Hz with winding integrated thermal motor protection Continuous duty S1, - Class F - IP X8			
13	Power cord ※ 5 metres 'H07 RN-F' type with Schuko plug			
14	Vertical solids magnetic float (adjustable)			
15	Hose connector Ø 40 mm			



DIMENSIONS AND WEIGHT



TYPE	PORT DN	DIMENSIONS mm												kg
Single-phase		a	b	c	f	h1	h	d	e	g (adjustable)	t	p	∅	1~
TRITUS-TX	1¼"	88	117	118	205	76	324	35	206	80 or 100	251	350	220	7.0

PALLET CAPACITY
60