



Dirty water



Domestic use

※ **TEX: reliable water elimination with magnetic level switch**



- ※ **Innovative, patented design**
- ※ **Premium quality**
- ※ **Ideal for sumps with limited space**

- ※ **Robust and compact**
- ※ **Exceptional performance**

**PERFORMANCE RANGE**

- Flow rate up to **240 l/min** (14.4 m<sup>3</sup>/h)
- Head up to **10 m**

**INSTALLATION AND USE**

**TEX** electric sewage pumps offer a dependable solution for wastewater management. Primarily utilized in stationary setups to remove water from sumps, they are also suitable for portable applications, such as tanks, reservoirs, ditches, or during floods.

**TEX** pumps offer increased power and a larger clearance area, while the oversized motor prevents overheating even when operating without cover.

- ※ Key features include a spacious side drain for rapid water evacuation with minimal energy consumption.
- ※ Additionally, **TEX** pumps come equipped with a compact, integrated magnetic float switch that ensures complete electrical safety and enables usage in confined spaces, including sumps as small as **220 mm** on each side.

**APPLICATION LIMITS**

- Maximum operating depth below water level up to **5 m** (with an appropriately sized power cable)
- Liquid temperature up to **+40 °C** and up to **+90 °C** for short bursts (up to 3 minutes max) for intermittent service
- Capable of processing suspended solids up to **Ø 30 mm**
- Draining capability up to **35 mm** from the bottom

**INCLUDES**

- ※ **5 m** power cable
- ※ An vertical magnetic float level switch
- ※ Hose connector **Ø 40 mm**

**AVAILABLE UPON REQUEST**

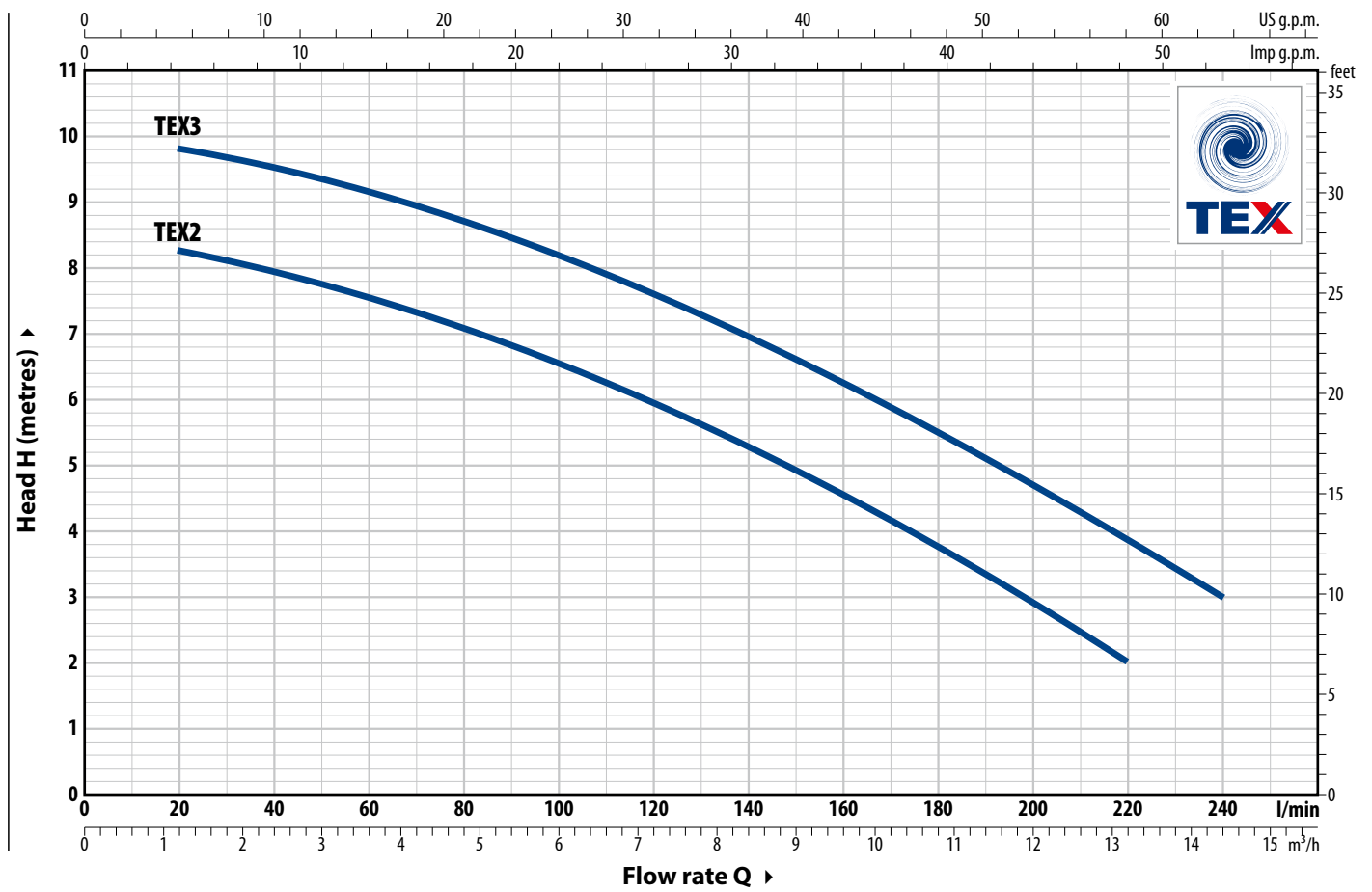
- ※ Mechanical seal options available
- ※ Pumps with **10 m** power cable.
- ※ Different voltage requirements 60 Hz frequency

**PATENTS - TRADE MARKS - MODELS**

- Registered Community Model No. 005205556
- **TEX<sup>®</sup>** European registered trademark No. 017884160

## CURVES AND PERFORMANCE DATA

50 Hz



MODEL Single-phase	POWER (P <sub>2</sub> )		Q	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4
	kW	HP		0	20	40	60	80	100	120	140	160	180	200	220	240
TEX 2	0.37	0.50	H m	8.5	8.3	8	7.6	7	6.6	6	5.3	4.6	3.8	3	2	
TEX 3	0.55	0.75		10	9.8	9.5	9.2	8.7	8.2	7.6	7	6.3	5.5	4.7	4	3

Q = Flow rate H = Total manometric head

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

### ABSORPTION

MODEL Single-phase	VOLTAGE 230 V
TEX 2	2.3 A
TEX 3	3.3 A

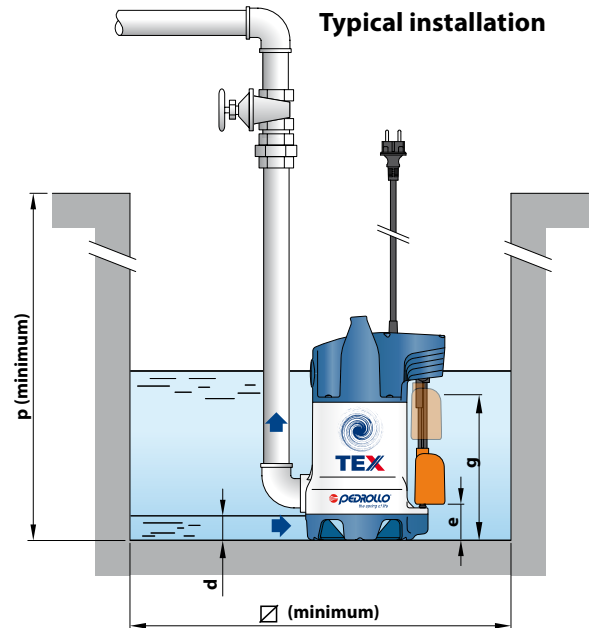
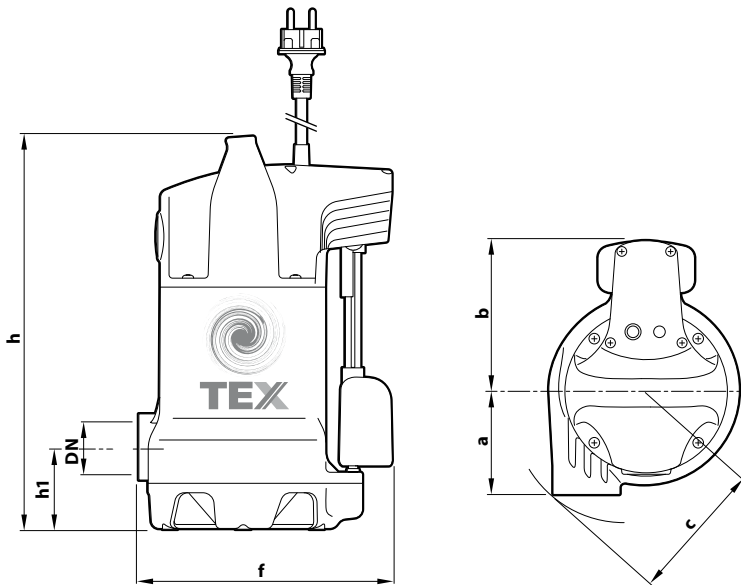
FLOAT LEVEL SWITCH IN AUTOMATIC MODE



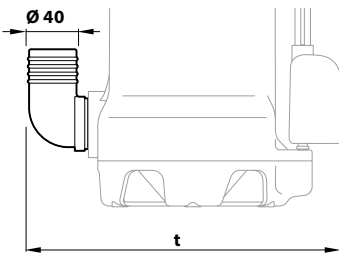
FLOAT LEVEL SWITCH IN MANUAL MODE



### DIMENSIONS AND WEIGHT



### Rubber holder fitting



MODEL	PORT DN	Passage of solid bodies	DIMENSIONS mm											kg 1~	
			a	b	c	f	h1	h	d	e	g	t	p		∅ (minimum)
TEX 2	1¼"	Ø 30 mm	88	126	118	214	69.5	331	35	190	80	260	350	220	6.1
TEX 3															7.0

### PALLET CAPACITY

MODEL	NO. OF PUMPS
Single-phase	n. of pumps
TEX 2	60
TEX 3	60

## MATERIALS AND COMPONENTS

<b>1 Handle</b>	Technopolymer	
<b>2 Pump body</b>	Particularly impact-resistant technopolymer with ISO 228/1 threaded metal insert port	
<b>3 Suction filter</b>	Technopolymer	
<b>4 Suction cover</b>	Technopolymer	
<b>5 Impeller</b>	VORTEX type made of technopolymer	
<b>6 Motor sleeve</b>	Stainless steel <b>AISI 304</b>	
<b>7 Motor cover</b>	Stainless steel <b>AISI 304</b>	
<b>8 Motor shaft</b>	Stainless steel <b>AISI 431</b>	
<b>9 Double shaft seal with interposed oil chamber</b>		
Seal	Shaft	Materials
<b>STA-12R</b>	Ø 12 mm	Ceramic / Graphite / NBR
<b>Shaft seal</b>	Ø 12 x Ø 19 x H 5 mm	

### 10 Capacitor

### 11 Electric motor

**TEX:** single-phase 230 V - 50 Hz  
with winding integrated thermal motor protection

- Continuous running duty S1
- Insulation: Class F
- Protection rating IP X8

### 12 Power cord

Type 'H07 RN-F' with Schuko plug  
✳ Standard length 5 metres

### 13 Float level switch

Float magnetic vertical

### 14 Hose connector

Ø 40 mm

