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
※ Equipped with retractable handle
※ Exceptional performance

PERFORMANCE RANGE

- Flow rate up to **240 l/min** (14.4 m³/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 adjustable vertical magnetic float level switch
※ Hose connector **Ø 40 mm**

AVAILABLE UPON REQUEST

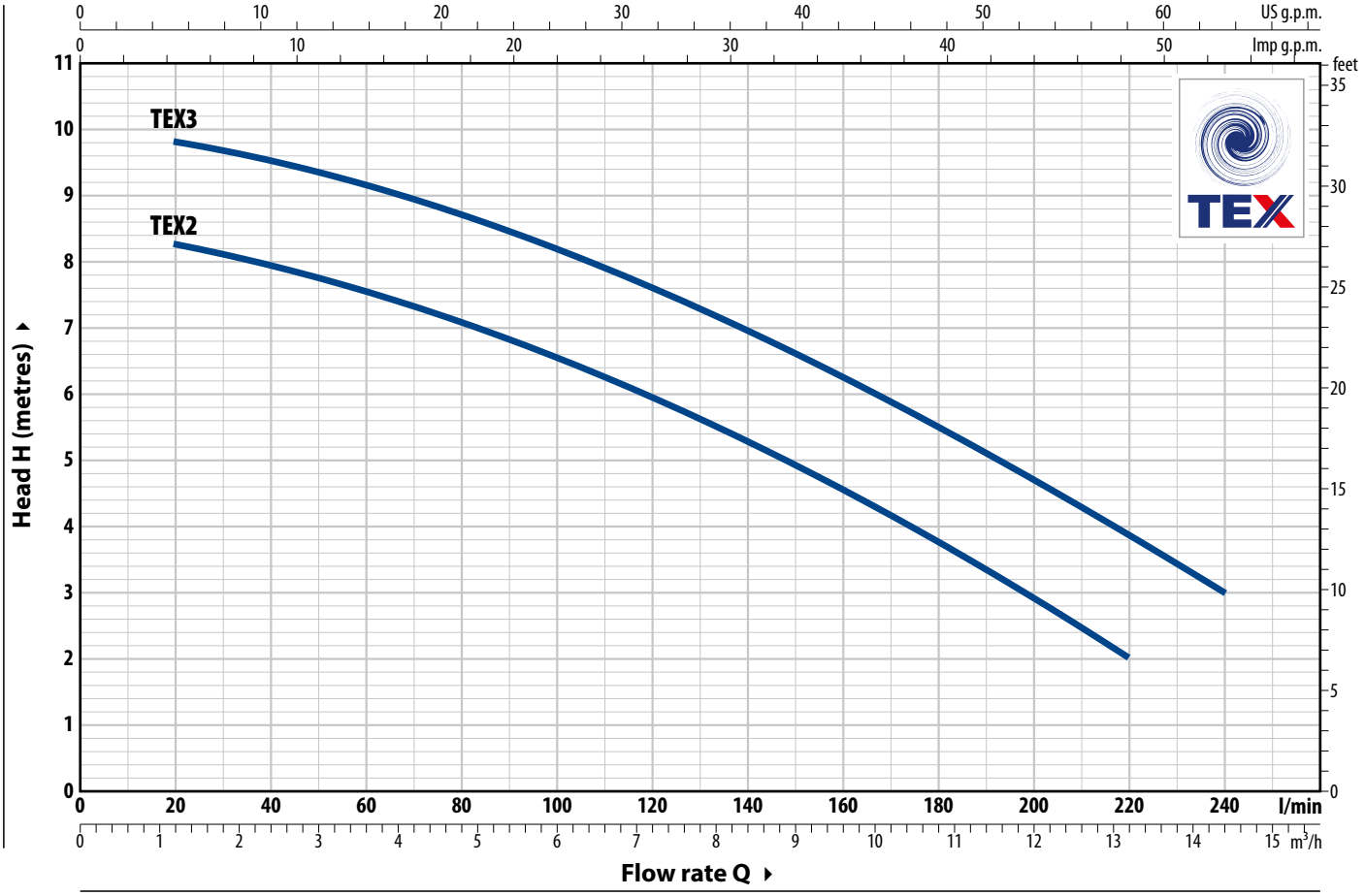
※ Mechanical seal options available
※ Pumps with **10 m** power cable.
※ Different voltage requirements 60 Hz frequency

PATENTS - TRADE MARKS - MODELS

- Registered Community Model No. 005205556
- **TEX®**European registered trademark No. 017884160

CURVES AND PERFORMANCE DATA

50 Hz



TYPE	POWER (P2)		Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4
Single-phase	**kW**	**HP**		l/min	**0**	**20**	**40**	**60**	**80**	**100**	**120**	**140**	**160**	**180**	**200**	**220**	**240**
TEX 2	0.37	0.50	**H** metres		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.

RETRACTABLE HANDLE

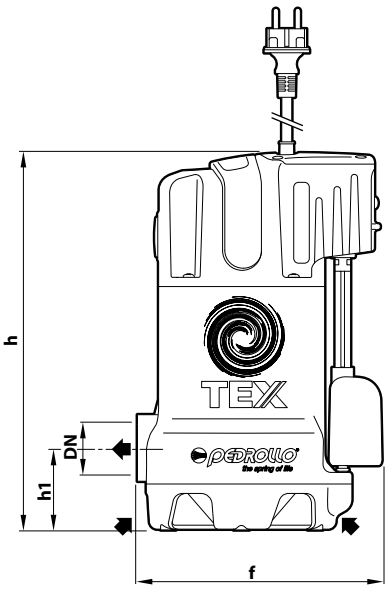
ABSORPTION

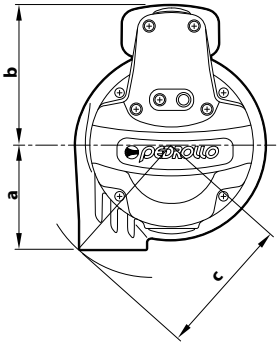
TYPE	VOLTAGE
Single-ph.	**230 V**
TEX 2	2.3 A
TEX 3	3.3 A

SWITCH FOR AUTOMATIC MODE

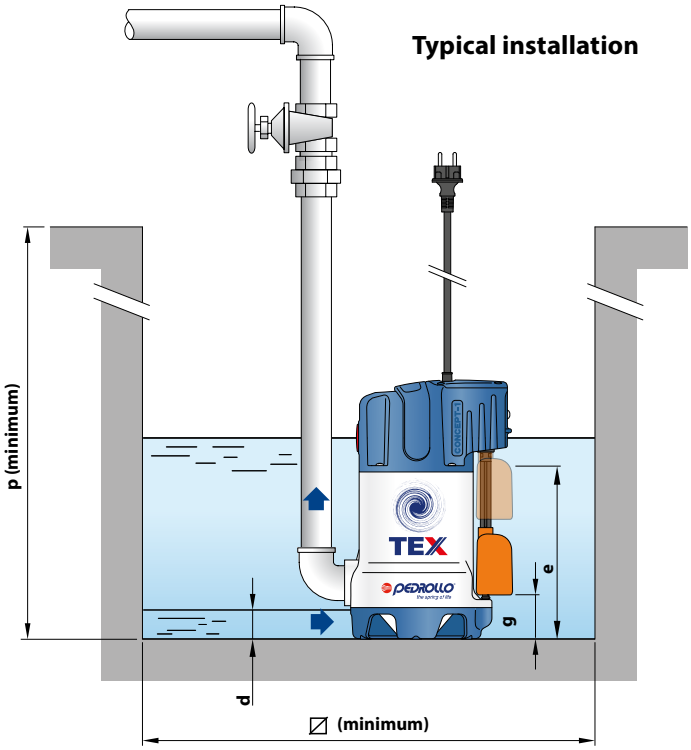
SWITCH FOR MANUAL MODE

DIMENSIONS AND WEIGHT

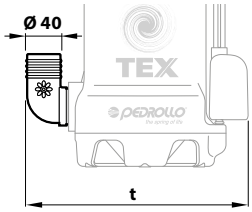




Typical installation



Rubber holder fitting



TYPE **Single-phase**	PORT **DN**	Passage of solid bodies	DIMENSIONS mm												kg
			a	b	c	f	h1	h	d	e	g (adjustable)	t	p	⍁	1~
TEX 2	**1¼"**	**Ø 30 mm**	88	117	118	205	69.5	318	35	100	80 or 100	251	350	220	6.1
TEX 3															7.0

PALLET CAPACITY

TYPE **Single-phase**	NO. OF PUMPS
TEX 2	60
TEX 3	60

MATERIALS AND COMPONENTS

1	**Handle**	Technopolymer
2	**Pump body**	Particularly impact-resistant technopolymer with ISO 228/1 threaded metal insert port
3	**Suction filter**	Technopolymer
4	**Suction cover**	Technopolymer
5	**Impeller**	VORTEX type made of technopolymer
6	**Motor sleeve**	Stainless steel **AISI 304**
7	**Motor cover**	Stainless steel **AISI 304**
8	**Motor shaft**	Stainless steel **AISI 431**

9 Double shaft seal with interposed oil chamber

Seal	Shaft	Materials
STA-12R	Ø 12 mm	Ceramic / Graphite / NBR

Shaft seal 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 solid adjustable

14 Hose connector

Ø 40 mm