



Dirty water



Domestic use



Civil use

※ Innovative pumps:
high performance,
quality, and durability



PERFORMANCE RANGE

- Flow rate up to **400 l/min** (24 m³/h)
- Head up to **13 m**

INSTALLATION AND USE

ZXm 2 pumps are designed for sewage drainage in **domestic and civil settings**.

※ Featuring a **VORTEX** impeller, these pumps efficiently handle solids up to **40 mm** in diameter, with a unique design that prevents clogging.

INCLUDES

- ※ **5 m** power cable
- ※ Float switch
- ※ Hose connector **Ø 50 mm**

APPLICATION LIMITS

- Maximum operating depth below water level up to **5 m** (with an appropriately sized power cable)
- Liquid temperature up to **+40 °C**
- Suspended solids transfer:
 - up to **Ø 30 mm** for ZXm 2/30
 - up to **Ø 40 mm** for ZXm 2/40
- **Minimum immersion for continuous service:**
 - **265 mm** for ZXm 2/30
 - **275 mm** for ZXm 2/40

AVAILABLE UPON REQUEST

- ※ Pumps with **10 m** power cable
- ※ Different voltage or frequency

PATENTS - TRADE MARKS - MODELS

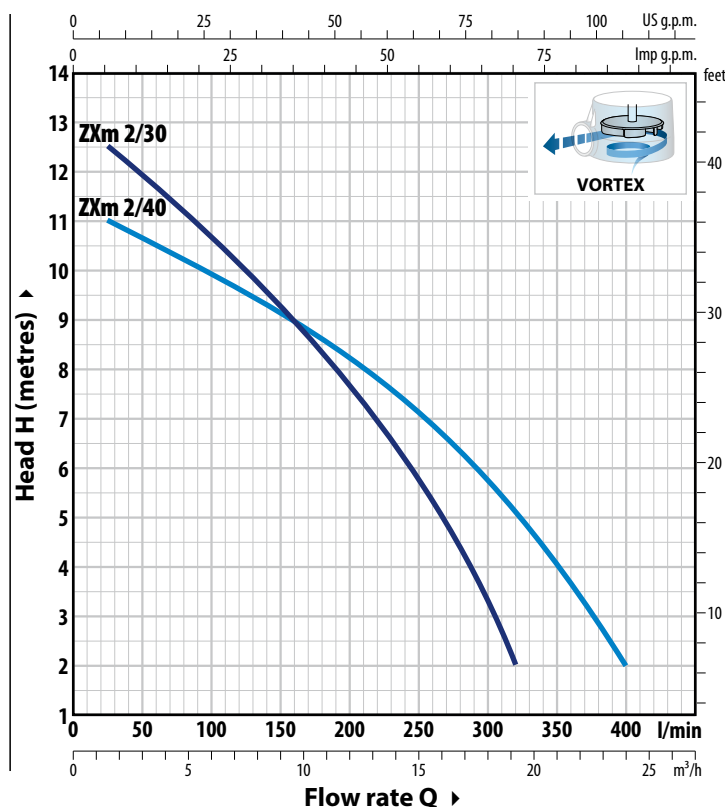
- Patent No. EP2313658
- Patent No. IT0001428923

ABSORPTION

TYPE	VOLTAGE	
	220 V	110 V
Single-phase		
ZXm 2/30	4.2 A	8.5 A
ZXm 2/40	4.2 A	8.5 A

CURVES AND PERFORMANCE DATA

60 Hz



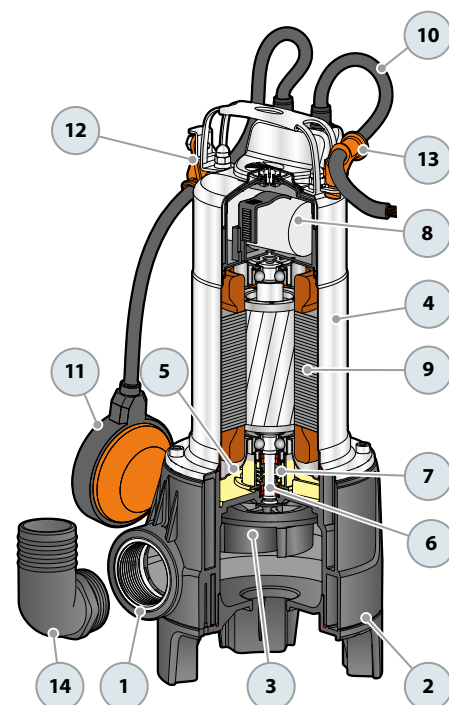
TYPE	POWER (P ₂)		Q												
	kW	HP		m³/h	0	1.5	3	6	9	12	15	18	19.2	21	24
Single-phase				l/min	0	25	50	100	150	200	250	300	320	350	400
ZXm 2/30	0.55	0.75	H metres		13	12.5	11.8	10.6	9.3	7.6	5.8	3.3	2		
ZXm 2/40	0.55	0.75			11.5	11	10.6	9.8	9.2	8.2	7.2	5.7	5.2	4	2

Q = Flow rate H = Total manometric head

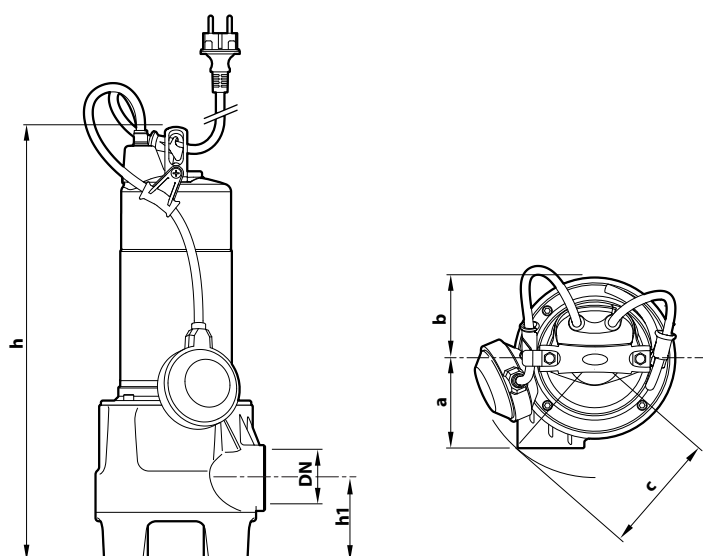
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

MATERIALS AND COMPONENTS

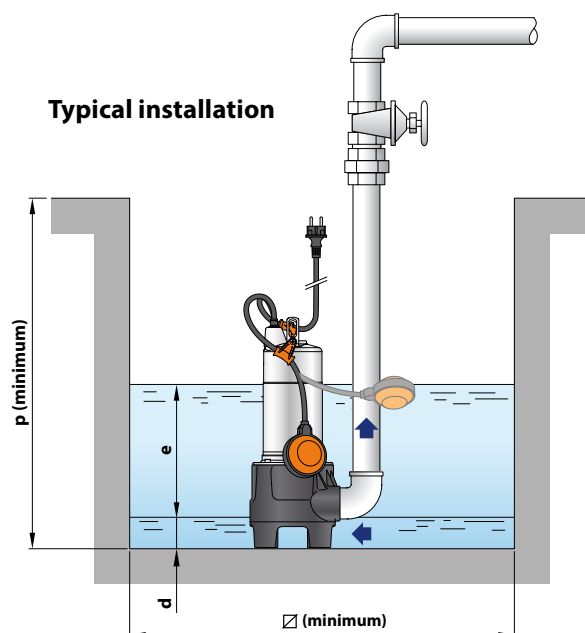
1	Pump body	Fibreglass-filled technopolymer with ISO 228/1 threaded delivery port (5-year warranty)		
2	Base	Glass-fibre reinforced technopolymer		
3	Impeller	VORTEX type made of glass-fibre reinforced technopolymer		
4	Motor sleeve	Stainless steel AISI 304		
5	Motor cover	Stainless steel AISI 304		
6	Motor shaft	Stainless steel AISI 431		
7	Double mechanical seal with interposed oil chamber			
	Seal	Shaft	Location	Materials
	MG1-14D SIC	Ø 14 mm	Motor side	SiC / Graphite / NBR
			Pump side	SiC / SiC / NBR
8	Capacitor			
9	Electric motor			
	Single-phase 220 V - 60 Hz or 110 V - 60 Hz with winding integrated thermal motor protection			
	– Insulation: class F			
	– Protection rating: IP X8			
10	Power cord			
	Type 'H07 RN-F' with Schuko plug			
	※ Standard length 5 metres			
11	Float switch			
12	Tilting device for the float cable			
	Patent No. IT0001428923			
13	Power cable strain relief			
	Patent No. EP2313658			
14	Hose connector Ø 50 mm (included in delivery)			



DIMENSIONS AND WEIGHT



Typical installation



TYPE	PORT DN	Passage of solid bodies	DIMENSIONS mm									kg 1~
			a	b	c	h	h1	d	e	p	Ø	
ZXm 2/30	1½"	Ø 30 mm	90	81	118	412	73	50	adjustable	500	500	10.8
ZXm 2/40		Ø 40 mm				422	83					10.8

PALLET CAPACITY

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