

EN  
**NEW**

**VX**



**40<sup>TH</sup>**

**PEDROLLO**<sup>®</sup>  
... the spring of life



## NEW

Drainage pumps with cast iron pump body for using in domestic, civil and industrial applications.

### PERFORMANCES

- ▶ **Head +15%**
- ▶ **Portata +33%**

### TECHNICAL CHARACTERISTICS

- ▶ Cast iron pump body subjected to Epoxy Electrocoating Treatment
- ▶ Stainless steel vortex type impeller
- ▶ Stainless steel motor shaft
- ▶ Precision cast stainless steel handle
- ▶ Double mechanical seals
- ▶ Float switch equipped with patented tilting system (patented)

### INSTALLATION AND USE

Suitable for use in domestic, civil and industrial applications where the water, such as **groundwater, surface water and sewage water**, contains suspended solids up to  $\varnothing 50$  mm.

They are suitable for use in applications such as for draining flooded areas such as cellars, underground car parks, car washes, for emptying cesspools and for sewage disposal. These pumps distinguish themselves for their reliability, which can be best appreciated under automatic operating conditions in fixed installations

### APPLICATION LIMITS

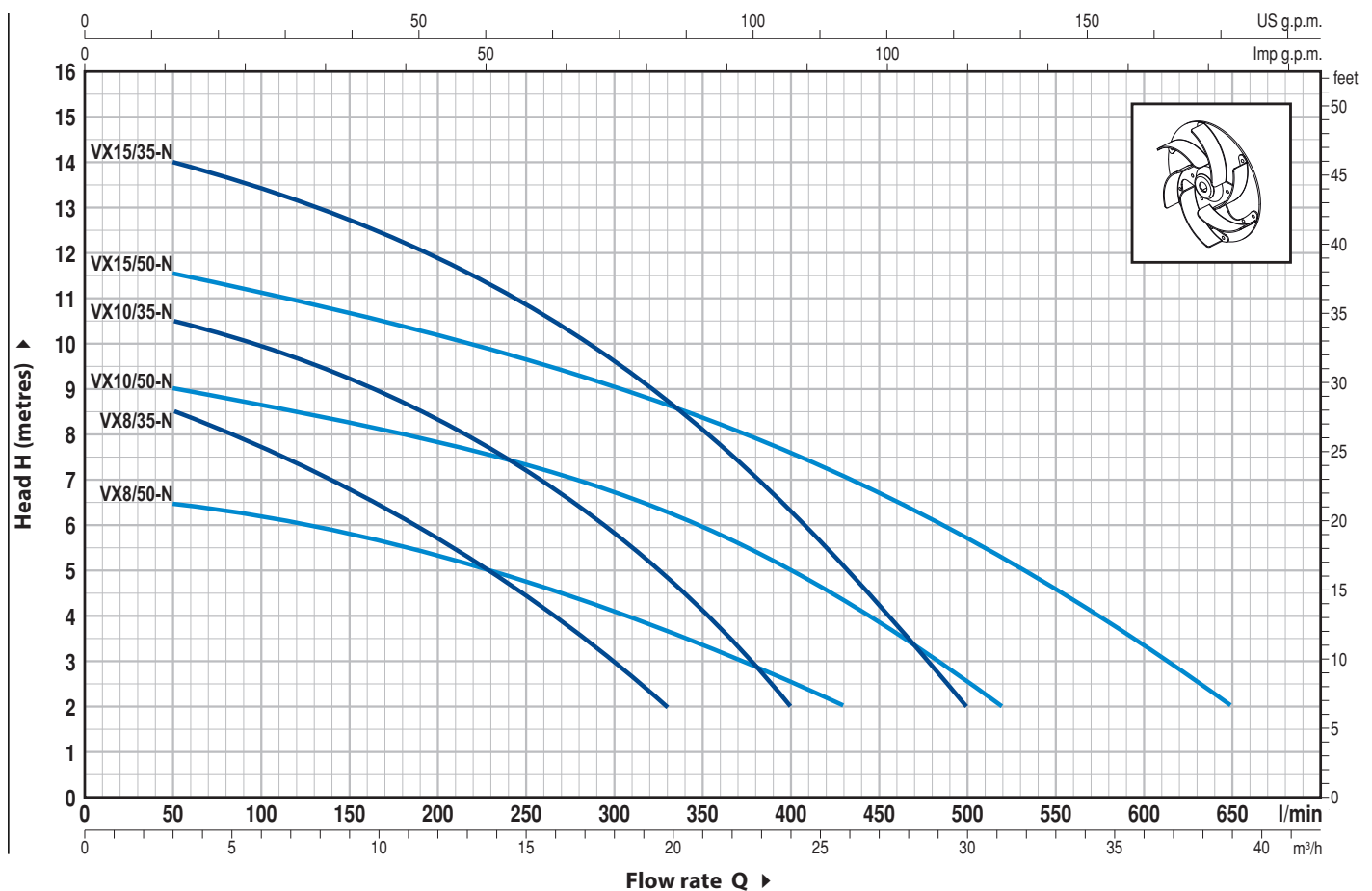
- 5 m maximum immersion depth
- Maximum liquid temperature **+40 °C**
- Solids passage:  
up to  $\varnothing 40$  mm for VX/35-N, up to  $\varnothing 50$  mm for VX/50-N

### STANDARD SUPPLY

- Complete with:
  - **5 m** long power cable for VX8-10/35-N, VX8-10/50-N
  - **10 m** long power cable for VX15/35-50-N
- Float switch for single-phase versions

## CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 1/min



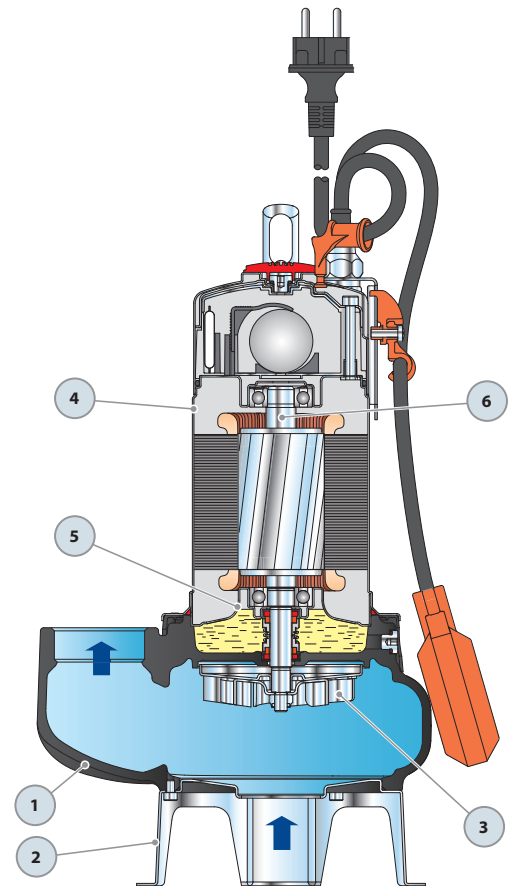
MODEL		POWER		Q	H metres												
Single-phase	Three-phase	kW	HP		m³/h	0	3	6	12	18	19.8	24	28.8	30	31.2	36	39
				l/min	0	50	100	200	300	330	400	430	500	520	600	650	
VXm 8/35-N	-	0.55	0.75	H metres	9.5	8.5	7.7	5.7	3	2							
VXm 10/35-N	VX 10/35-N	0.75	1		11.5	10.5	10	8.3	5.9	4.9	2						
VXm 15/35-N	VX 15/35-N	1.1	1.5		15	14	13.5	12	9.6	8.8	6.4	5.2	2				
VXm 8/50-N	-	0.55	0.75		7	6.5	6.2	5.4	4.1	3.6	2.5	2					
VXm 10/50-N	VX 10/50-N	0.75	1		9.5	9	8.6	7.9	6.8	6.3	5	4.3	2.5	2			
VXm 15/50-N	VX 15/50-N	1.1	1.5		12	11.5	11.2	10.2	9	8.7	7.6	7.1	5.7	5.3	3.4	2	

Q = Flow rate H = Total manometric head

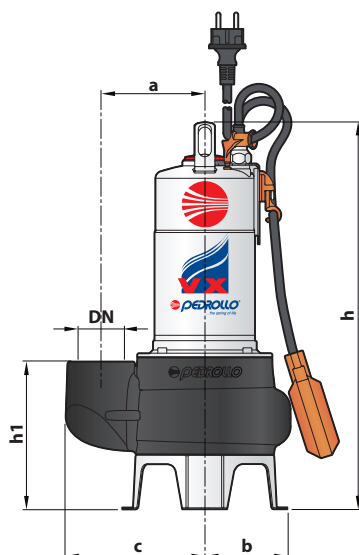
Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3.

### CONSTRUCTION CHARACTERISTICS

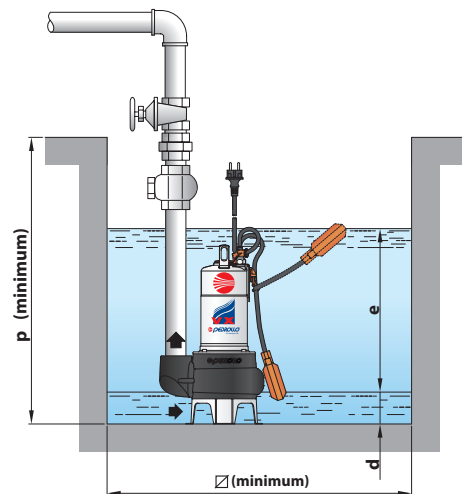
- 1 PUMP BODY** Cast iron, with threaded port in compliance with ISO 228/1
- 2 BASE** Stainless steel AISI 304
- 3 IMPELLER** Stainless steel AISI 304 VORTEX type
- 4 MOTOR CASING** Stainless steel AISI 304
- 5 MOTOR CASING PLATE** Stainless steel AISI 304
- 6 MOTOR SHAFT** Stainless steel EN 10088-3 - 1.4104



### DIMENSIONS



Typical installation



MODEL		PORT DN	solids passage	DIMENSIONS mm								
Single-phase	Three-phase			a	b	c	h	h1	d	e	p	∅
VXm 8/35-N	–	1½"	∅ 40 mm	115	95	148	406	139	50	variable	500	500
VXm 10/35-N	VX 10/35-N						421					
VXm 15/35-N	VX 15/35-N						431					
VXm 8/50-N	–	2"	∅ 50 mm	115	95	155	431	164	60	variable	500	500
VXm 10/50-N	VX 10/50-N						446					
VXm 15/50-N	VX 15/50-N						446					



**Pedrollo S.p.A.** – Via Enrico Fermi, 7 – 37047 – San Bonifacio (VR)  
tel. 045 6136311 – fax 045 7614663 – sales@pedrollo.com – www.pedrollo.com