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VXC 30/50 vortex/friströms avloppspump

Artikelnr	Beteckning
111213	VXC 30/50:2,2/3x400/G65

Installation	
Vikt	43,0 kg
Styrning	Manuell
Ansl. ut	G65 inv

Övrigt	
Max Tryck	16 mVp
Max Flöde	14,2 l/sek

Elektrisk Data	
Effekt	2,20 kW
Märkström	5,0 A
Spänning	3x400

Pedrollo VXC Virvelhjul Avloppspump

PEDROLLO VXC är en serie högeffektiva, dränkbara avloppspumpar med konstruktion i gjutjärn.

Virvelhjul säkerställer problemfri hantering av svart-, BDT-, grå- och dränvatten med fritt genomlopp på upp till 50 mm som tillåter passage av stora partiklar.

VXC-serien lämpar sig väl till pumpning från dräneringsbrunn, parkeringshus och andra avloppsapplikationer som kräver större flöde.

Dubbla axeltätning i kiselkarbid säkerställer en lång livslängd.

- Stort genomlopp – Stora partiklar.
- Genomgående konstruktion i gjutjärn.
- Tillverkad i Italien.

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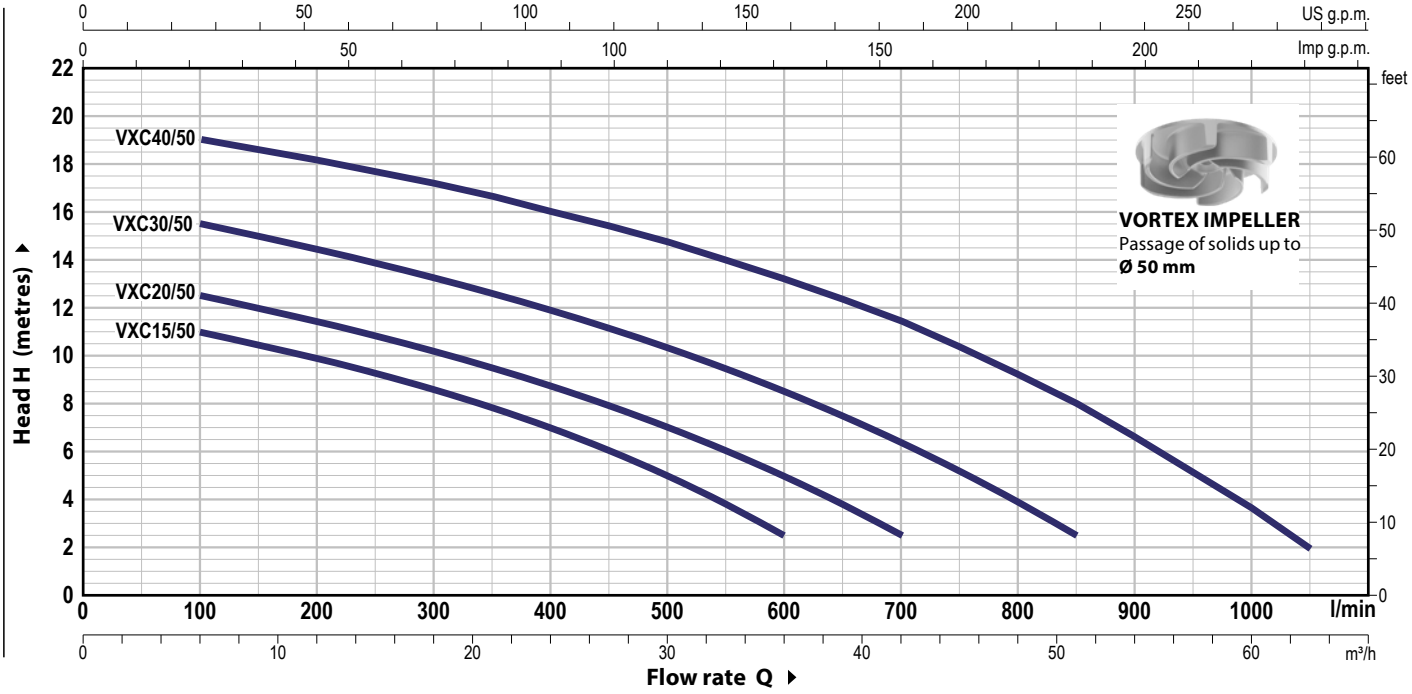
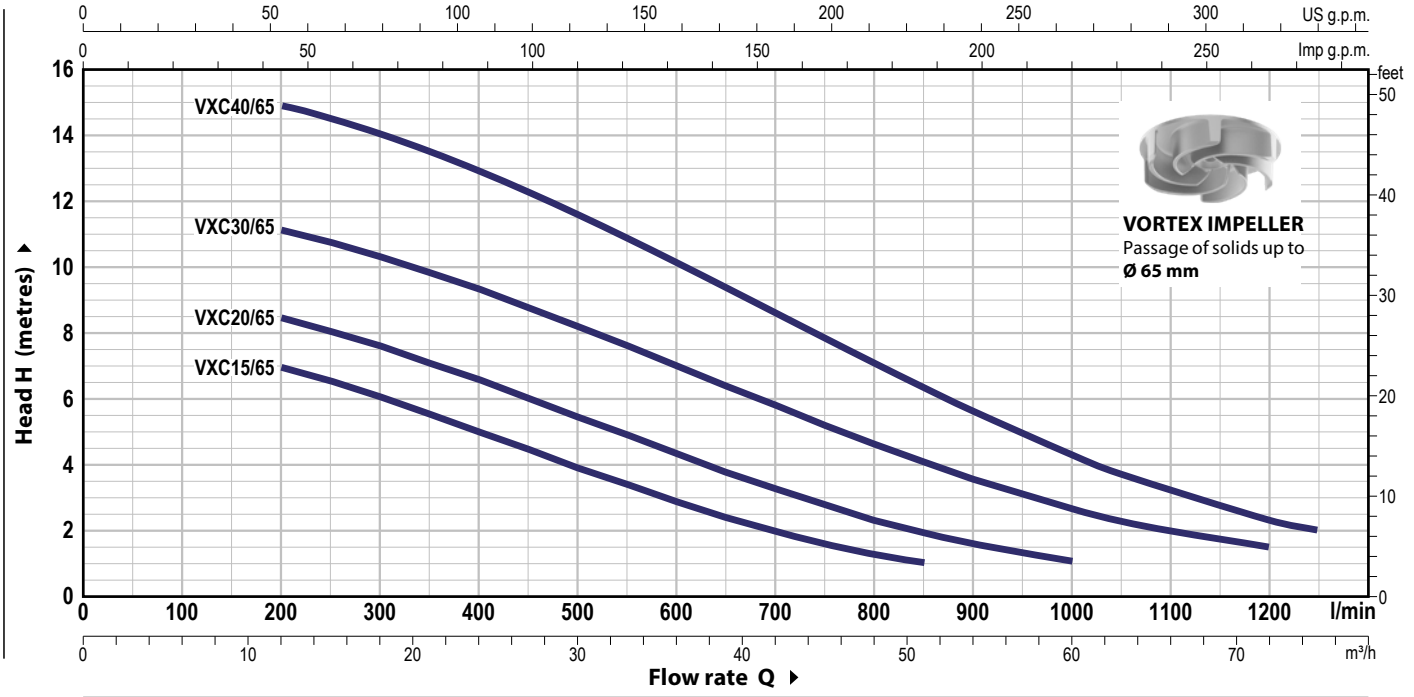
CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min^{-1}





MODEL		POWER (P2)		Q m³/h	0	6	12	18	24	30	36	42	51	60	63	72	75
Single-phase	**Three-phase**	**kW**	**HP**	l/min	**0**	**100**	**200**	**300**	**400**	**500**	**600**	**700**	**850**	**1000**	**1050**	**1200**	**1250**
VXCm 15/50	**VXC 15/50**	1.1	1.5	H metres	12.0	11.0	9.9	8.6	7.0	5.0	2.5						
VXCm 20/50	**VXC 20/50**	1.5	2		13.5	12.5	11.4	10.2	8.7	7.0	5.0	2.5					
VXCm 30/50	**VXC 30/50**	2.2	3		16.5	15.5	14.4	13.2	11.9	10.3	8.5	6.4	2.5				
–	**VXC 40/50**	3	4		20.0	19.0	18.1	17.1	16.0	14.7	13.2	11.4	8.0	3.6	2.0		
VXCm 15/65	**VXC 15/65**	1.1	1.5		8.0	–	7.0	6.0	5.0	3.9	2.8	2.0	1.0				
VXCm 20/65	**VXC 20/65**	1.5	2		9.5	–	8.5	7.6	6.6	5.4	4.3	3.3	2.0	1.0			
VXCm 30/65	**VXC 30/65**	2.2	3		12.0	–	11.1	10.3	9.3	8.2	7.0	5.8	4.1	2.6	2.3	1.5	
–	**VXC 40/65**	3	4		15.5	–	15.0	14.0	13.0	11.6	10.1	8.6	6.3	4.3	3.7	2.3	2.0

Q = Flow rate **H** = Total manometric head

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

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POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
1	**PUMP BODY**	Cast iron with an Epoxy Electro Coating treatment, with threaded ports in compliance with ISO 228/1
2	**IMPELLER**	Precision cast stainless steel AISI 304 VORTEX type
3	**MOTOR CASING**	Cast iron with an Epoxy Electro Coating treatment
4	**MOTOR CASING PLATE**	Cast iron with an Epoxy Electro Coating treatment
5	**MOTOR SHAFT**	Stainless steel AISI 431

6 TWO MECHANICAL SEALS SEPARATED BY AN OIL CHAMBER

Seal	*Shaft*	*Position*		*Materials*	
Model	*Diameter*		*Stationary ring*	*Rotational ring*	*Elastomer*
STA-22	**Ø 22** mm	Motor side	Ceramic	Graphite	NBR
STA-20	**Ø 20** mm	Pump side	Silicon carbide	Silicon carbide	NBR

7 BEARINGS **6305 CM D 6 / 6204 ZZ - C3**

8 ELECTRIC MOTOR

VXCm 15-20-30: single-phase 230 V - 50 Hz
with thermal overload protector incorporated into the winding

VXC: three-phase 400 V - 50 Hz.
with thermal overload protector incorporated into the winding to be connected to the control box (supplied on demand)

– Insulation: class F
– Protection: IP X8

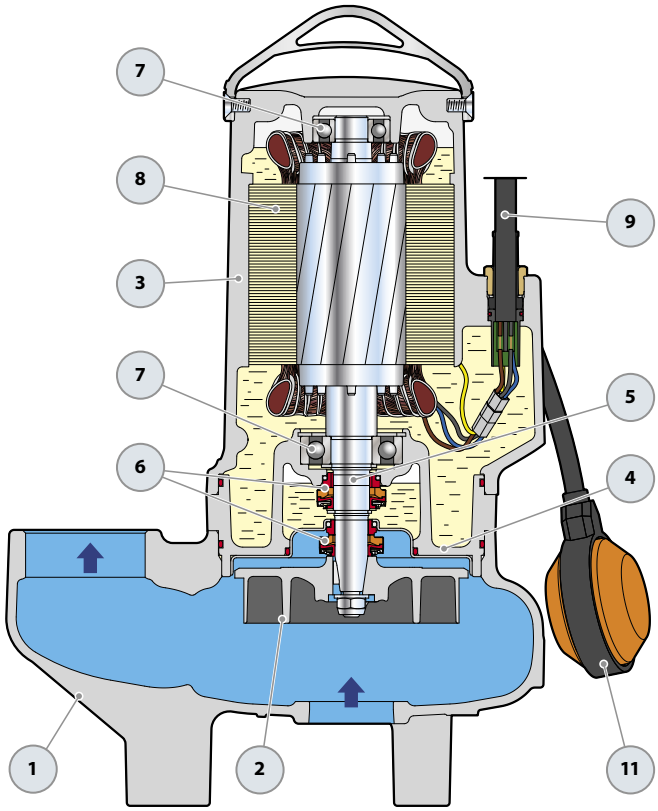
9 POWER CABLE

10 metres long "H07 RN-F" cable

10 CONTROL BOX for VXCm 15-20-30
(only for single-phase versions)

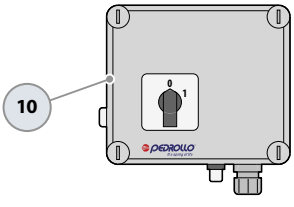
Complete with capacitor and manual reset motor protector

11 FLOAT SWITCH
(only for single-phase versions)



OPTIONAL – Supporting Base

Standard features



Control box
(only for single-phase versions)

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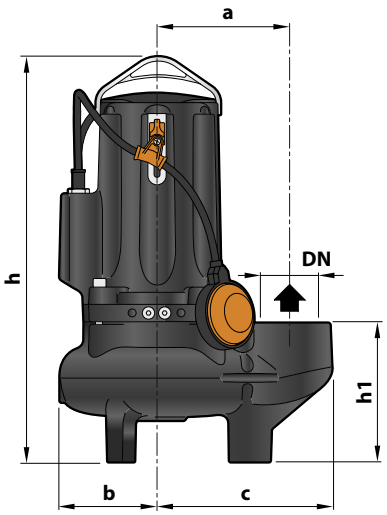
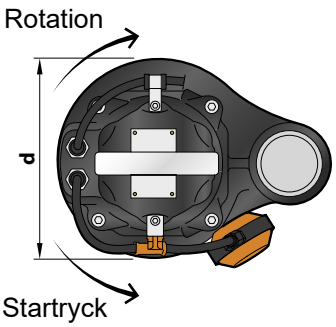
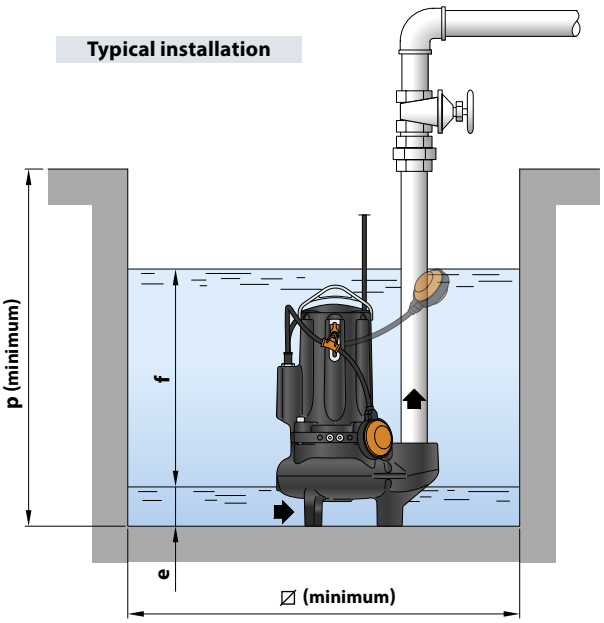
DIMENSIONS AND WEIGHT





Rotation sett ovanifrån

Typical installation



MODEL		PORT	Passage of solids mm	DIMENSIONS mm										kg	
Single-phase	Three-phase	DN		a	b	c	h	h1	d	e	f	p	⍁	1~	3~
VXCm 15/50	VXC 15/50	2½"	Ø 50	162	119	212	487	167	242	75	variable	800	800	42.0	40.5
VXCm 20/50	VXC 20/50													43.0	42.0
VXCm 30/50	VXC 30/50						513 | 487						48.0	43.0
–	VXC 40/50						513							–	48.0
VXCm 15/65	VXC 15/65	3"	Ø 65	180	120	240	521	201	246	85				44.0	42.5
VXCm 20/65	VXC 20/65													45.0	44.0
VXCm 30/65	VXC 30/65						547 | 521						50.0	45.0
–	VXC 40/65						547							–	50.0

ABSORPTION AND CAPACITORS

MODEL	VOLTAGE	
Single-phase	230 V	240 V
VXCm 15/50	8.5 A	8.1 A
VXCm 20/50	9.0 A	8.6 A
VXCm 30/50	12.0 A	11.5 A
VXCm 15/65	8.5 A	8.1 A
VXCm 20/65	9.0 A	8.6 A
VXCm 30/65	12.0 A	11.5 A

MODEL	VOLTAGE		
Three-phase	230–240 V	400–415 V	690–720 V
VXC 15/50	5.9 A	3.4 A	1.7 A
VXC 20/50	6.4 A	3.7 A	2.0 A
VXC 30/50	8.7 A	5.0 A	3.3 A
VXC 40/50	10.7 A	6.2 A	4.5 A
VXC 15/65	5.9 A	3.4 A	1.7 A
VXC 20/65	6.4 A	3.7 A	2 .0A
VXC 30/65	8.7 A	5.0 A	3.3 A
VXC 40/65	10.7 A	6.2 A	4.5 A

MODEL	CAPACITANCE CAPACITORS
Single-phase	(230 V o 240 V)
VXCm 15/50 VXCm 15/65	50 µF 450 VL
VXCm 20/50 VXCm 20/65	50 µF 450 VL
VXCm 30/50 VXCm 30/65	60 µF 450 VL

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