

RXM 3/20-GM Pedrollo Rostfri vortex länsypump

Artikelnr	Beteckning
100008	RXM 3/20-GM:0,55/1x230/G32

Installation		Övrigt	
Vikt	7,9 kg	Max Tryck	10 mVp
Styrning	Vertikalflottör	Max Flöde	240,0 l/min
Ansl. ut	G32 inv		

Elektrisk Data	
Effekt	0,55 kW
Märkström	3,2 A
Spänning	1x230



med vertikalflottör

Serie RX VORTEX rostfria dränkbara länsypumpar med VORTEX centrifugalhjul lämplig för att pumpa gråvatten med mjuka partiklar.

VORTEX centrifugalhjulet tillåter mjuka partiklar upp till 20/40mm att passera genom pumpen. Pumpen är gjorda av rostfritt stål för att maximera livslängd.

Pumparna har en vertikalflottör som ger ökad driftsäkerhet eftersom den inte kan hänga sig på andra objekt och gör det även möjligt att installera i en mindre pumpgrop. Tänk på att om pumpgropens diameter bör vara anpassat för inkommande flödet.

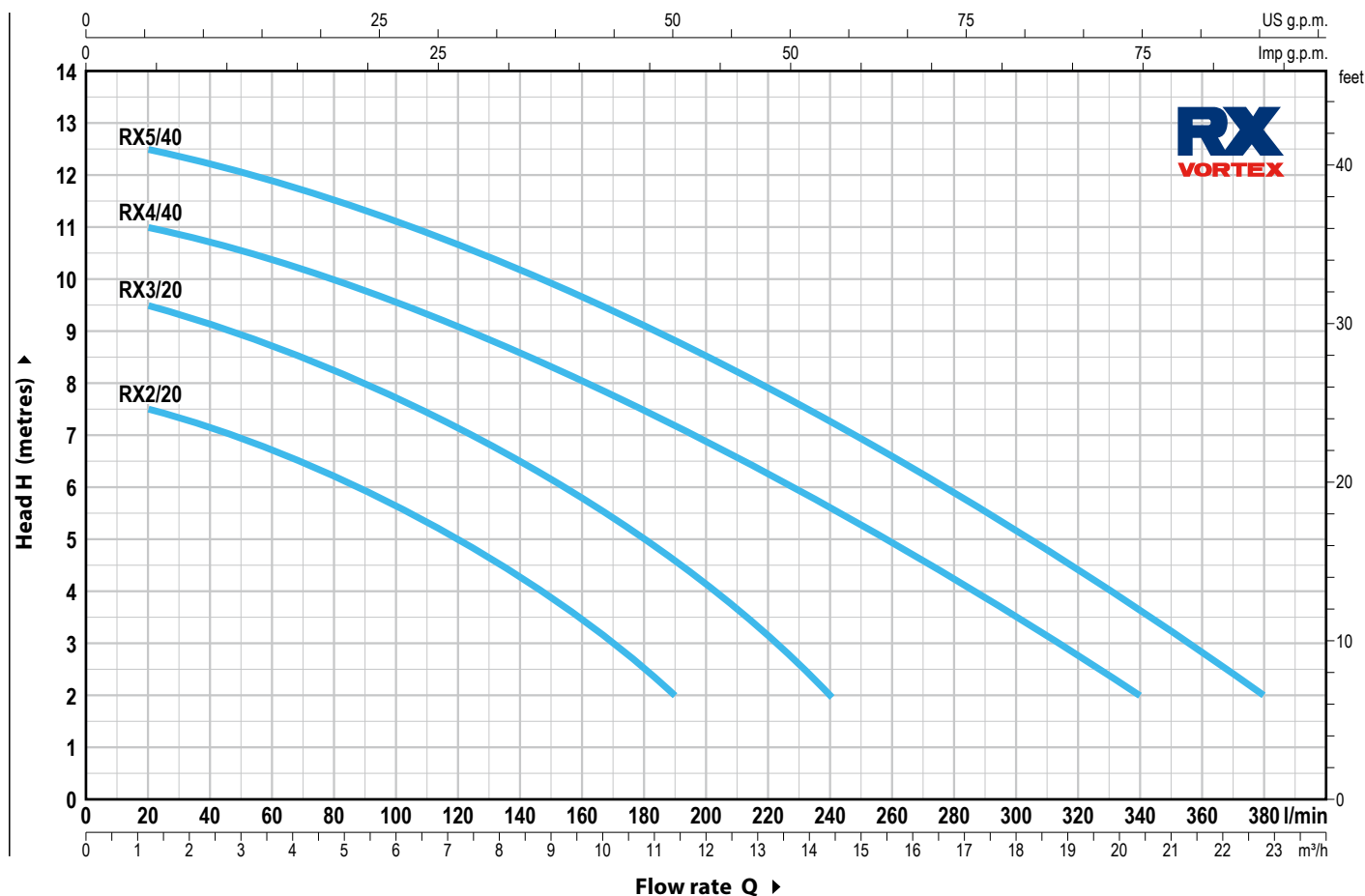
Samtliga RX pumpar har mekaniska axeltätningar av kiselkarbid/keramik som tillsammans med den höga prestanda och robust konstruktion ger besparingar för slutanvändaren i form av lång livslängd och problemfri drift.

Snabbfakta:

- Lämplig för gråvatten efter slamavskiljare
- Vertikalflottör
- Upp till 20/40mm mjuka partiklar beroende på modell
- Dubbel axeltätning av kol/keramik
- Vertikalflottör tillgänglig för vissa modeller

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min⁻¹



MODEL		POWER (P ₂)		Q	H metres																
Single-phase	Three-phase	kW	HP		m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	11.4	13.2	14.4	20.4	22.8		
				l/min	0	20	40	60	80	100	120	140	160	190	220	240	340	380			
RXm 2/20	RX 2/20	0.37	0.50	H metres	8	7.5	7.1	6.7	6.2	5.7	5	4.3	3.4	2							
RXm 3/20	RX 3/20	0.55	0.75		10	9.5	9.1	8.7	8.2	7.7	7.1	6.5	5.8	4.6	3.2	2					
RXm 4/40	RX 4/40	0.75	1		11.2	11	10.7	10.4	10	9.5	9	8.5	8	7.1	6.2	5.6	2				
RXm 5/40	RX 5/40	1.1	1.5		13	12.5	12.2	11.9	11.5	11.1	10.6	10.1	9.6	8.8	7.9	7.3	3.6	2			

Q = Flow rate H = Total manometric head

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

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Stainless steel AISI 304 with threaded port in compliance with ISO 228/1
2	SUCTION FILTER	Stainless steel AISI 304
3	DIFFUSER	Stainless steel AISI 304
4	IMPELLER	Stainless steel AISI 304 VORTEX type
5	MOTOR CASING	Stainless steel AISI 304
6	MOTOR CASING PLATE	Stainless steel AISI 304
7	MOTOR SHAFT	Stainless steel AISI 431

8 SHAFT WITH DOUBLE SEAL AND OIL CHAMBER

<i>Seal Model</i>	<i>Shaft Diameter</i>	<i>Stationary ring</i>	<i>Materials</i>	
			<i>Rotational ring</i>	<i>Elastomer</i>
STA-12R SIC	Ø 12 mm	Ceramic	Silicon carbide	NBR

9 LIP SEAL Ø 12 x Ø 19 x H 5 mm

10 BEARINGS 6201 ZZ / 6201 ZZ

11 CAPACITOR

<i>Pump Single-phase</i>	<i>Capacitance (230 V or 240 V) (110 V)</i>	
RXm 2/20	10 µF 450 VL	16 µF - 250 VL
RXm 3/20	14 µF 450 VL	16 µF - 250 VL

12 ELECTRIC MOTOR

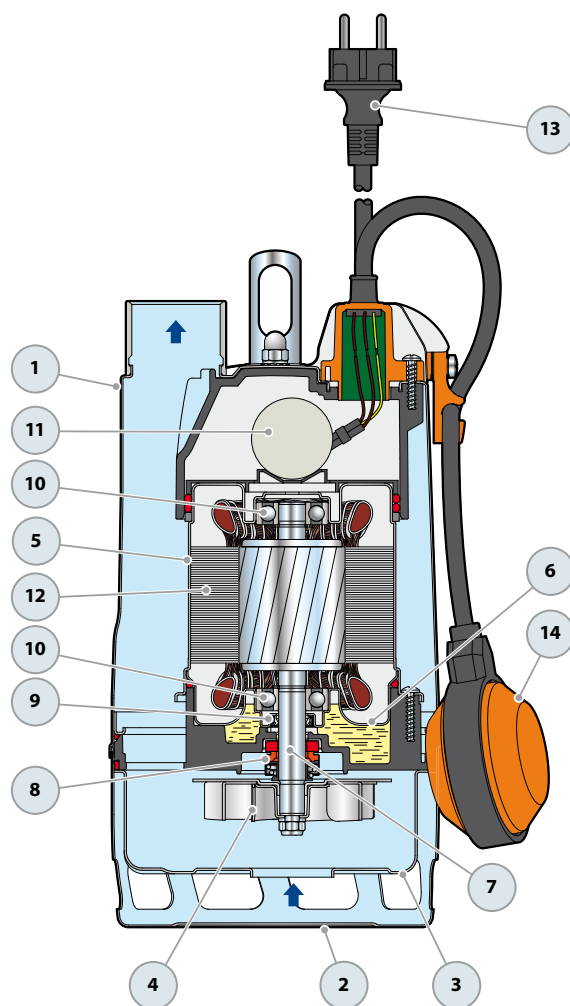
RXm: single-phase 230 V - 50 Hz
with thermal overload protector incorporated into the winding
RX: three-phase 400 V - 50 Hz
– Insulation: class F
– Protection: IP X8

13 POWER CABLE

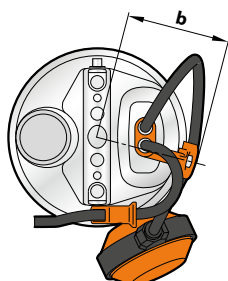
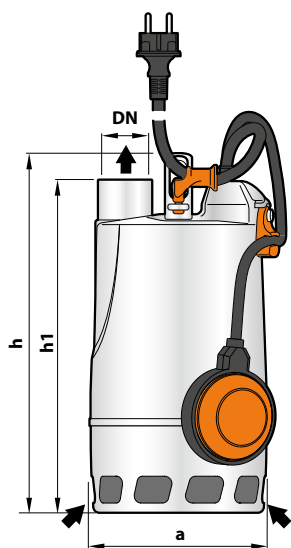
"H07 RN-F" type
(with Schuko plug for single-phase versions only)
Standard length 5 metres

14 FLOAT SWITCH

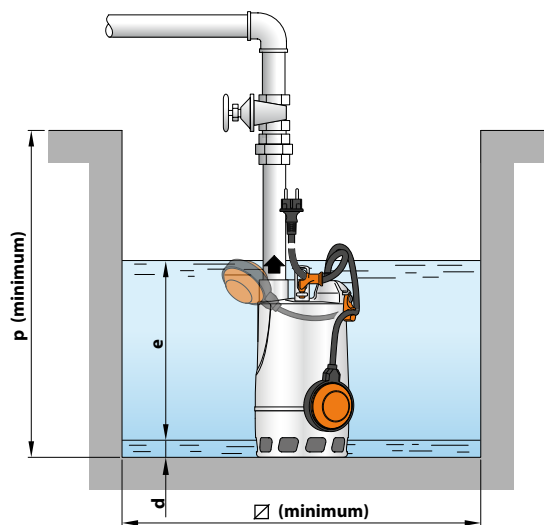
(Only for single-phase versions)



DIMENSIONS AND WEIGHT

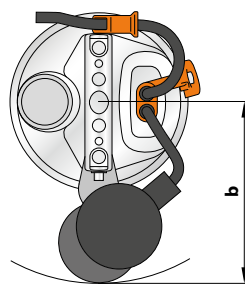
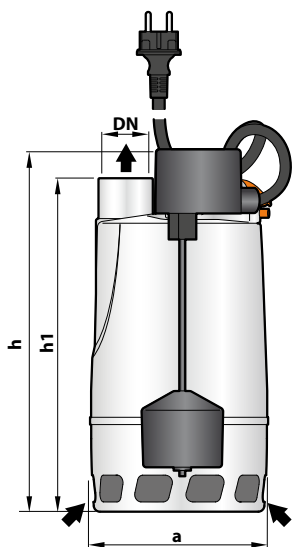


Standard installation

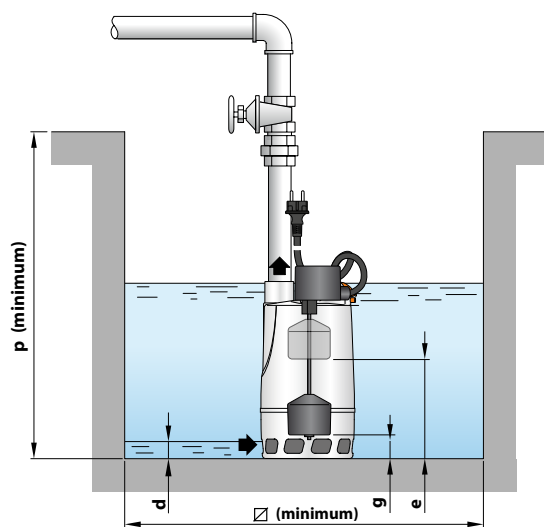


MODEL		PORT	DIMENSIONS mm								kg		PALLETIZATION	
Single-phase	Three-phase	DN	a	b	h	h1	d	e	p	Ø	1~	3~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 2/20	RX 2/20	1 1/4"	147	83	302	278	25	variable	350	350	6.2	5.8	96	144
RXm 3/20	RX 3/20				330	308								

Version with vertical float switch



Standard installation



MODEL		PORT	DIMENSIONS mm								kg	PALLETIZATION	
Single-phase	DN	a	b	h	h1	d	e	g	p	Ø	1~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 2/20-GM	1 1/4"	147	150	300	278	25	180	50	350	240	6.3	96	144
RXm 3/20-GM				335	308		210	80					

ABSORPTION

MODEL	VOLTAGE		
Single-phase	230 V	240 V	110 V
RXm 2/20	2.6 A	2.5 A	5.2 A
RXm 3/20	3.5 A	3.4 A	6.4 A

MODEL	VOLTAGE			
Three-phase	230 V	400 V	240 V	415 V
RX 2/20	1.9 A	1.1 A	1.9 A	1.1 A
RX 3/20	2.9 A	1.7 A	2.8 A	1.6 A

POS. COMPONENT CONSTRUCTION CHARACTERISTICS

1	PUMP BODY	Stainless steel AISI 304 with threaded port in compliance with ISO 228/1
2	SUCTION FILTER	Stainless steel AISI 304
3	DIFFUSER	Stainless steel AISI 304
4	IMPELLER	Stainless steel AISI 304 VORTEX type
5	MOTOR CASING	Stainless steel AISI 304
6	MOTOR CASING PLATE	Stainless steel AISI 304
7	MOTOR SHAFT	Stainless steel AISI 431

8 SHAFT WITH DOUBLE MECHANICAL SEAL SEPARATED BY AN OIL CHAMBER

Seal Model	Shaft Diameter	Position	Materials		
			Stationary ring	Rotational ring	Elastomer
MG1-14D SIC	Ø 14 mm	Motor side	Silicon carbide	Graphite	NBR
		Pump side	Silicon carbide	Silicon carbide	NBR

9 BEARINGS 6203 ZZ-C3E / 6203 ZZ-C3E

CAPACITOR

Pump	Capacitance
10 Single-phase	(230 V or 240 V)
RXm 4/40	20 µF 450 VL
RXm 5/40	25 µF 450 VL

11 ELECTRIC MOTOR

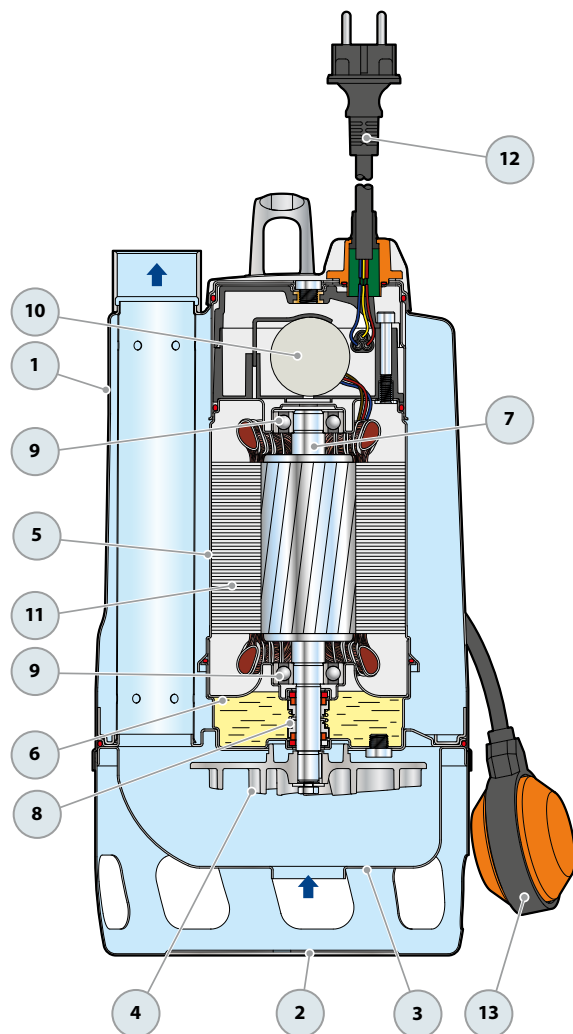
RXm: single-phase 230 V - 50 Hz
with thermal overload protector incorporated into the winding
RX: three-phase 400 V - 50 Hz
– Insulation: class F
– Protection: IP X8

12 POWER CABLE

“H07 RN-F” type
(with Schuko plug for single-phase versions only)
Standard length 10 metres

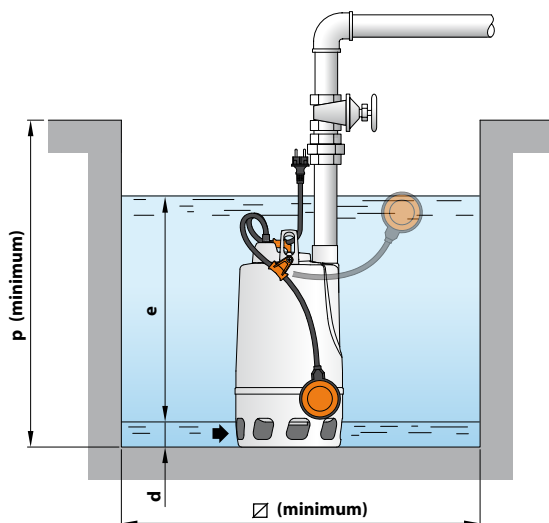
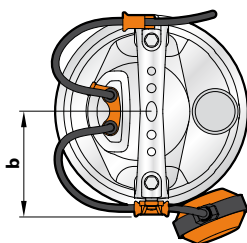
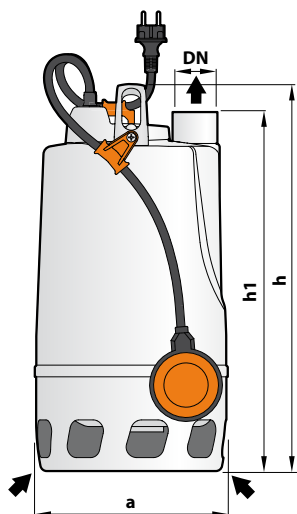
13 FLOAT SWITCH

Only for single-phase versions
(Vertical float switch in the GM versions).



DIMENSIONS AND WEIGHT

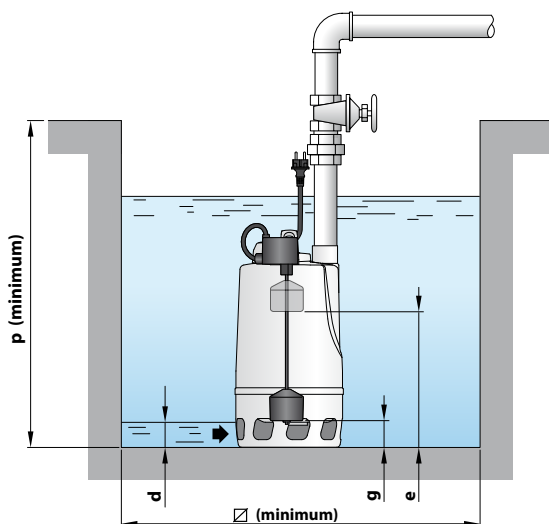
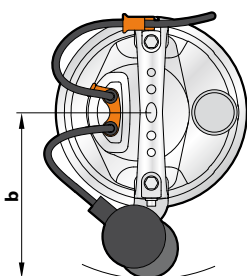
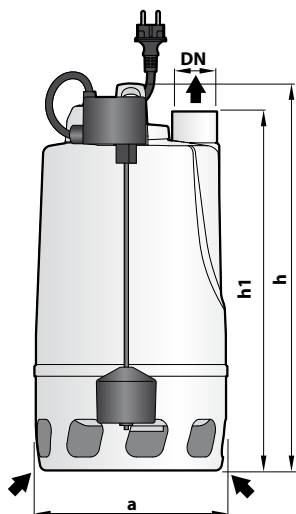
Standard installation



MODEL		PORT	DIMENSIONS mm								kg		PALLETIZATION	
Single-phase	Three-phase	DN	a	b	h	h1	d	e	p	Ø	1~	3~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 4/40	RX 4/40	1½"	215	115	433	400	50	variable	500	500	14.8	13.9	45	60
RXm 5/40	RX 5/40										16.0	15.1	45	60

Version with vertical float switch

Standard installation



MODEL	PORT	DIMENSIONS mm									kg	PALLETIZATION	
Single-phase	DN	a	b	h	h1	d	e	g	p	Ø	1~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 4/40 - GM	1½"	215	186.5	433	400	50	320	80	500	350	15.2	36	48
RXm 5/40 - GM											16.3	36	48

ABSORPTION

MODEL	VOLTAGE	
Single-phase	230 V	240 V
RXm 4/40	5.2 A	5.0 A
RXm 5/40	6.5 A	6.5 A

MODEL	VOLTAGE			
Three-phase	230 V	400 V	240 V	415 V
RX 4/40	3.6 A	2.1 A	3.5 A	2.0 A
RX 5/40	5.4 A	3.1 A	5.2 A	3.0 A