Datablad

RXM 3/20 Pedrollo Rostfri vortex länspump

Artikelnr	Beteckning
100007	RXM 3/20:0,55/1x230/G32

Installation	
Vikt	7,2 kg
Styrning	Nivåvippa
Ansl. ut	G32 inv

Övrigt	
Max Tryck	10 mVp
Max Flöde	240,0 l/min

Elektrisk Data	
Effekt	0,55 kW
Märkström	3,2 A
Spänning	1x230
Kabellängd	5 m



med nivåvippa

Serie RX VORTEX rostfria dränkbara länspumpar 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 finns även med vertikalflottör (betecknas med ”-GM”) som ge ökad driftsäkerhet eftersom den inte kan hänga sig på andra objekt och gör det även möjligt att installera i en mindre pumpgrop.

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

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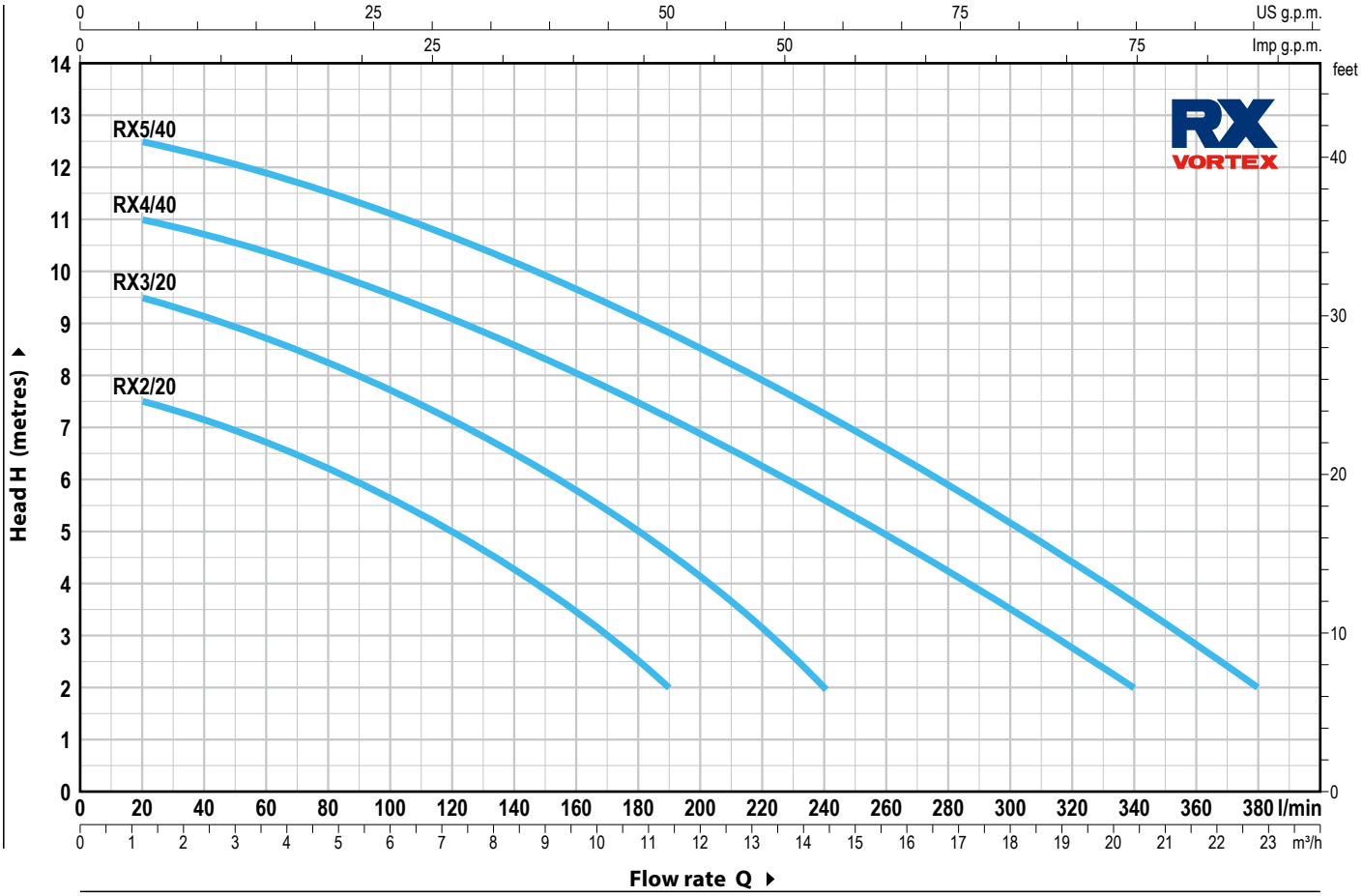
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CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 min^{-1}



MODEL		POWER (P2)		Q													
Single-phase	Three-phase	kW	HP	m³/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.

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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

Seal	***Shaft***		*Materials*	
Model	***Diameter***	*Stationary ring*	*Rotational ring*	*Elastomer*
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

Pump	***Capacitance***	
Single-phase	***(230 V or 240 V)***	***(110 V)***
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

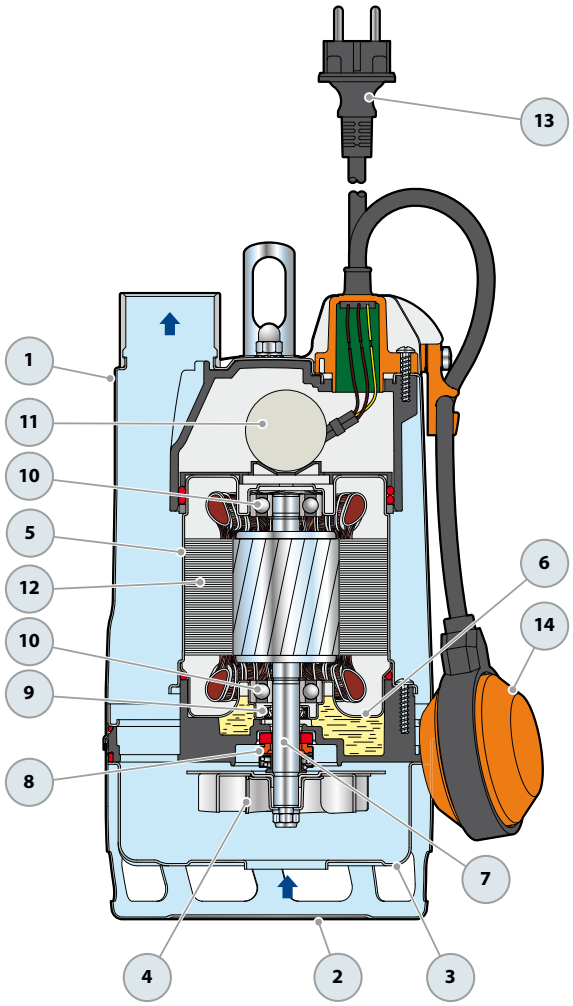
RXm: single-phase 230 V - 50 Hz
with thermal overload protector incorporated into the winding
RX: three-phase 400 V - 50 Hz

– 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)

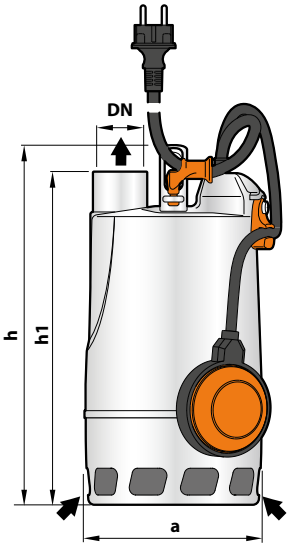


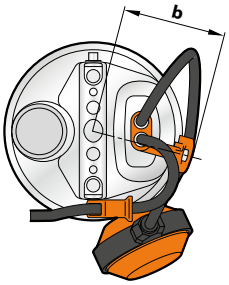
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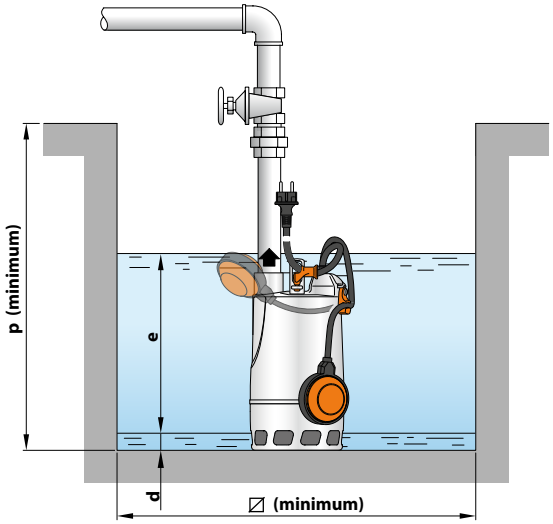
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DIMENSIONS AND WEIGHT





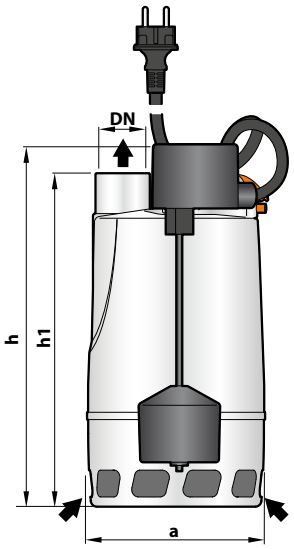
Standard installation

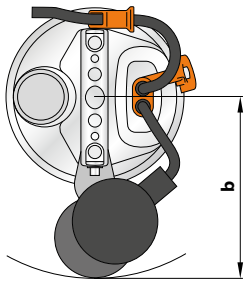


MODEL		PORT	DIMENSIONS mm								kg	
Single-phase	Three-phase	DN	a	b	h	h1	d	e	p	⍁	1~	3~
RXm 2/20	RX 2/20	1¼"	147	83	302	278	25	variable	350	350	6.2	5.8
RXm 3/20	RX 3/20				330	308					7.3	7.0

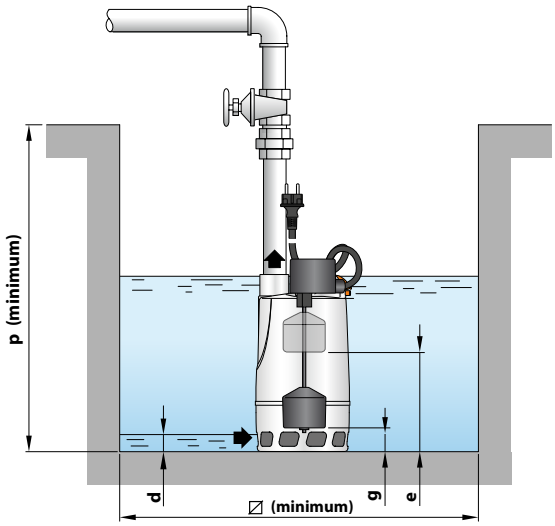
PALLETIZATION	
GROUPAGE n. pumps	CONTAINER n. pumps
96	144
96	144

Version with vertical float switch





Standard installation



MODEL	PORT	DIMENSIONS mm									kg
Single-phase	DN	a	b	h	h1	d	e	g	p	⍁	1~
RXm 2/20-GM	1¼"	147	150	300	278	25	180	50	350	240	6.3
RXm 3/20-GM				335	308		210	80			7.9

PALLETIZATION	
GROUPAGE n. pumps	CONTAINER n. pumps
96	144
96	144

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

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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	*Shaft*	*Position*	*Materials*		
Model	*Diameter*		*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**

10 CAPACITOR

Pump	*Capacitance*
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

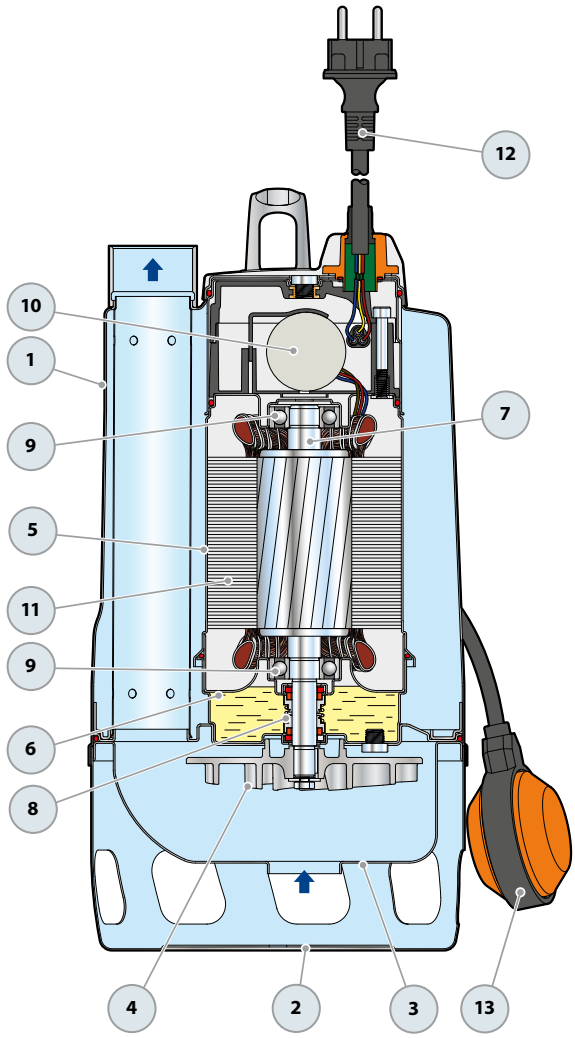
– Insulation: class F
– Protection: IP X8

12 POWER CABLE

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

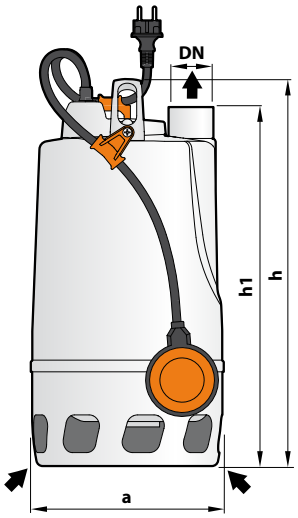
13 FLOAT SWITCH

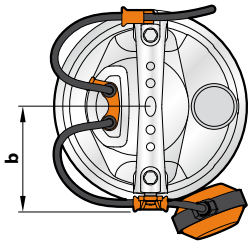
Only for single-phase versions
(Vertical float switch in the GM versions).

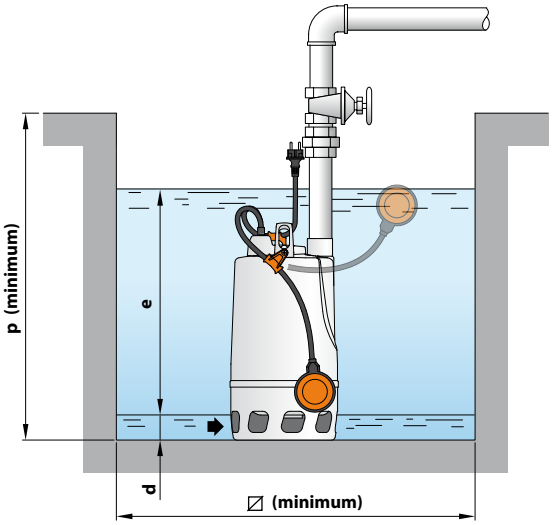


DIMENSIONS AND WEIGHT

Standard installation

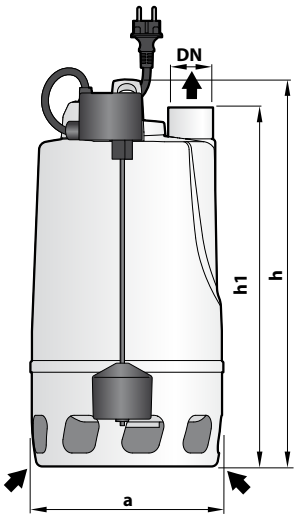


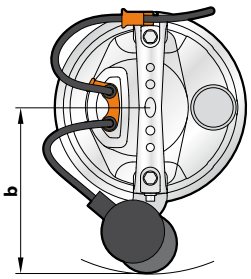




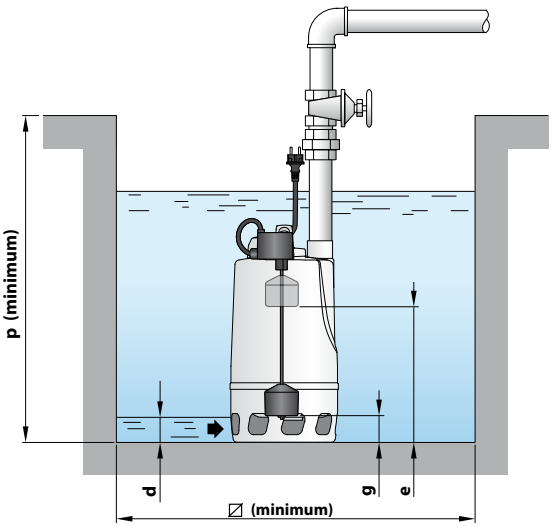
MODEL		PORT	DIMENSIONS mm								kg		PALLETIZATION	
Single-phase	Three-phase	DN	a	b	h	h1	d	e	p	⍁	1~	3~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 4/40	RX 4/40	1½"	215	115	433	400	50	variable	500	500	14.8	13.9	45	60
RXm 5/40	RX 5/40										16.0	15.1	45	60

Version with vertical float switch





Standard installation



MODEL	PORT	DIMENSIONS mm									kg	PALLETIZATION	
Single-phase	DN	a	b	h	h1	d	e	g	p	⍁	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

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