

RXM 2-GMV Pedrollo Rostfri länspump

Artikelnr Beteckning

100005 RXM 2-GMV:0,37/1x230/G32

Installation

Vikt 6,3 kg

Styrning Vertikalflottör

Ansl. ut G32 inv

Övrigt

Max Tryck 10 mVp

Max Flöde 220,0 l/min

Elektrisk Data

Effekt 0,37 kW

Märkström 2,0 A

Spänning 1x230

Kabellängd 10 m

med vertikalflottör och
luftningsventil

Serie RX-GM rostfria dränkbara
länspumpar med centrifugalhjul
för att pumpa drän-/dagvatten
där det inte går att få självfall till
kommunens dagvattenledning
eller stenkista.

Pumpen är gjord 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.

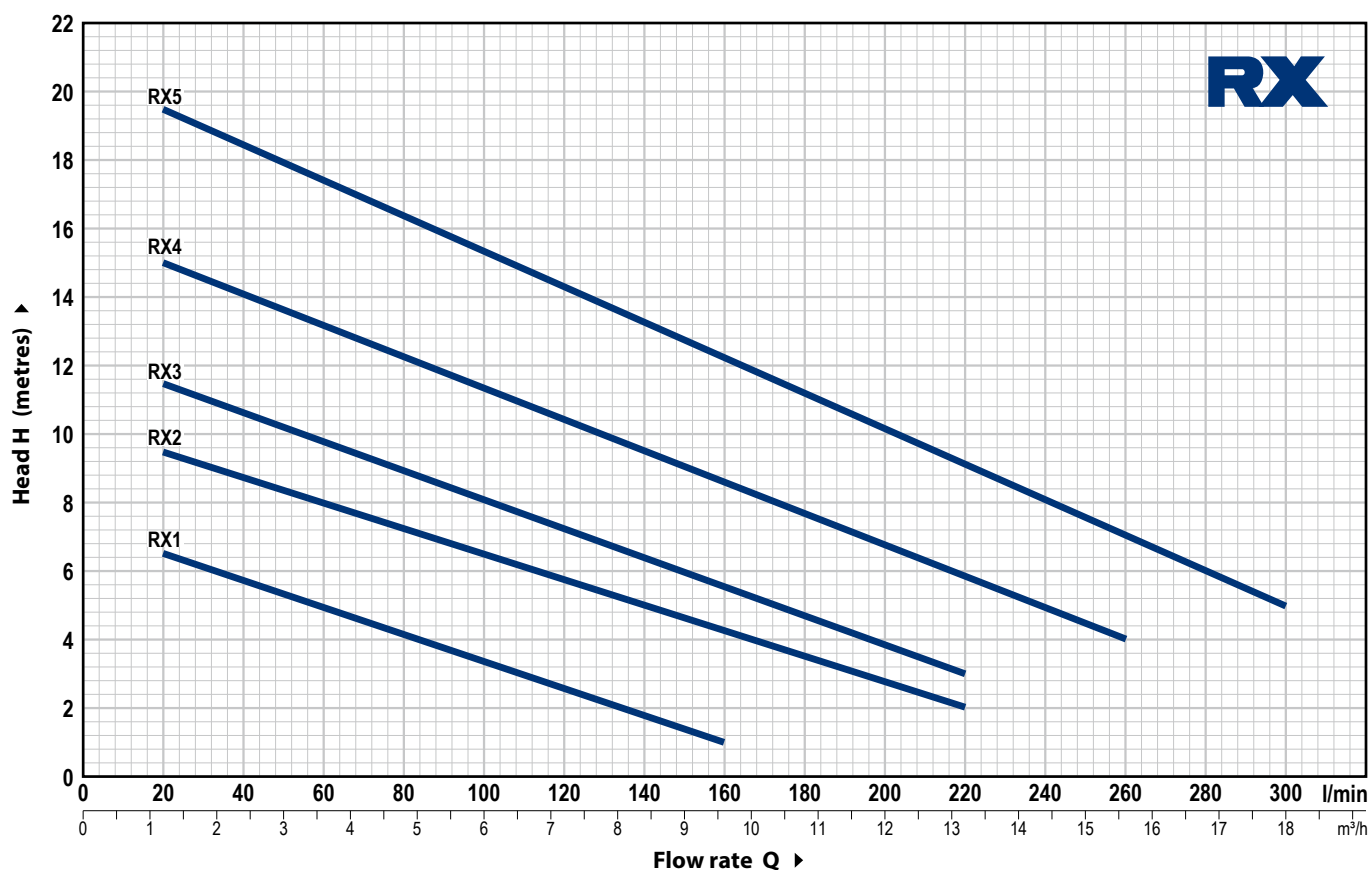
Samtliga RX pumpar har
mekaniska axeltätningar av
kiselkarbid/keramik som
tillsammans med den höga
prestanda och robust
konstruktion ger besparingar
för slutanvändaren i form av
lång livslängd och problemfri
drift.

Snabbfakta:

- Rostfria pump- och
statorhus
- Vertikalflottör
- Max 10mm partiklar
- Dubbel axeltätning av
kiselkarbid/keramik



CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz $n = 2900 \text{ min}^{-1}$


MODEL		POWER (P ₂)		Q	0	1.2	3.6	6.0	8.4	9.6	12.0	13.2	15.6	18.0
Single-phase	Three-phase	kW	HP		0	20	60	100	140	160	200	220	260	300
RXm 1	RX 1	0.25	0.33	H metres	7.5	6.5	5	3.5	2	1				
RXm 2	RX 2	0.37	0.50		10	9.5	8	6.5	5	4.5	2.5	2		
RXm 3	RX 3	0.55	0.75		12	11.5	9.5	8	6.5	5.5	3.5	3		
RXm 4	RX 4	0.75	1		16	15	13	11.5	9.5	8.5	6.5	5.5	4	
RXm 5	RX 5	1.1	1.5		20	19.5	17.5	15.5	13.5	12.5	10	9	7	5

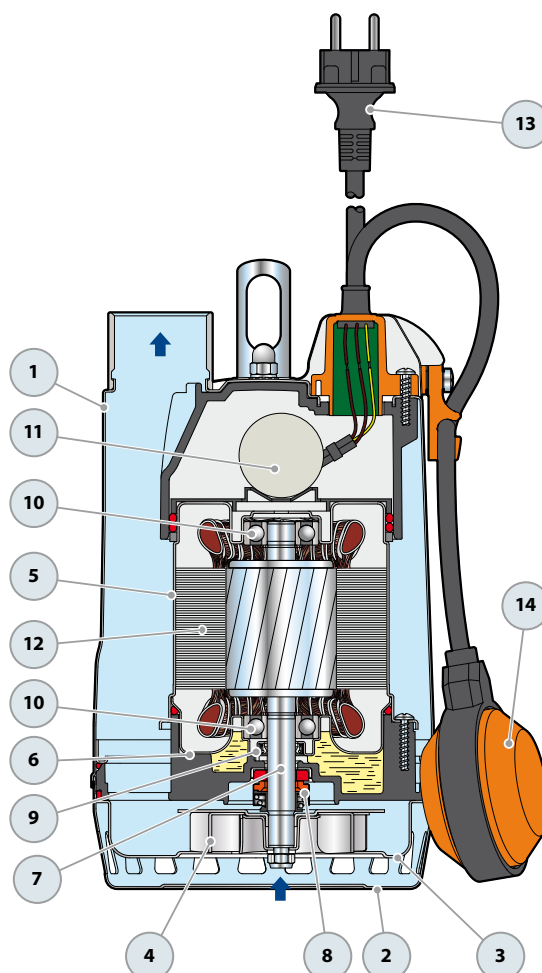
Q = Flow rate H = Total manometric head

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

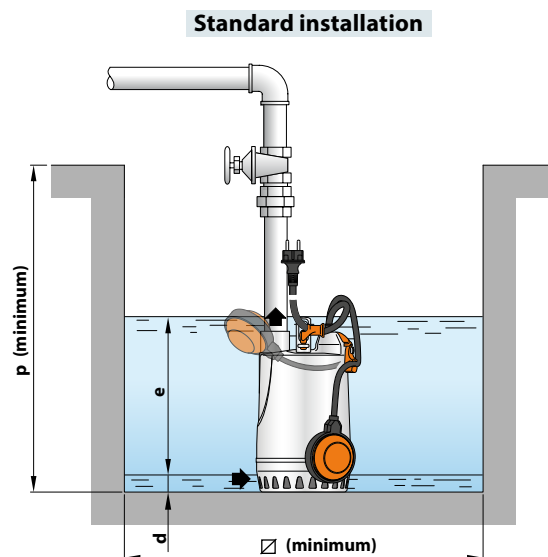
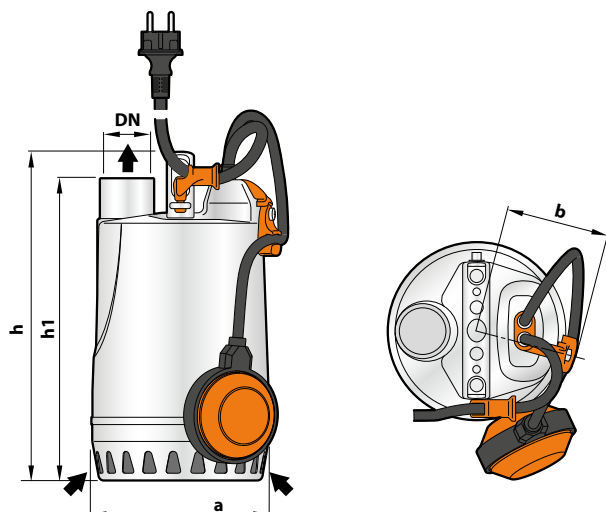
POS. COMPONENT

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			
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	Ø 12 mm	Ceramic	Graphite	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 1	10 µF 450 VL	16 µF - 250 VL		
	RXm 2	10 µF 450 VL	16 µF - 250 VL		
	RXm 3	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)				

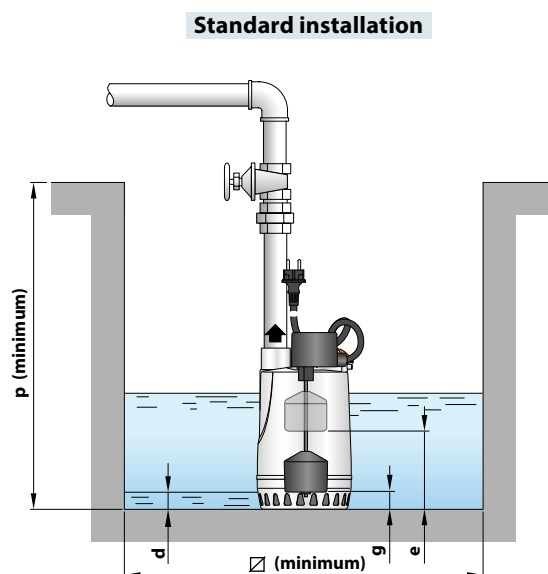
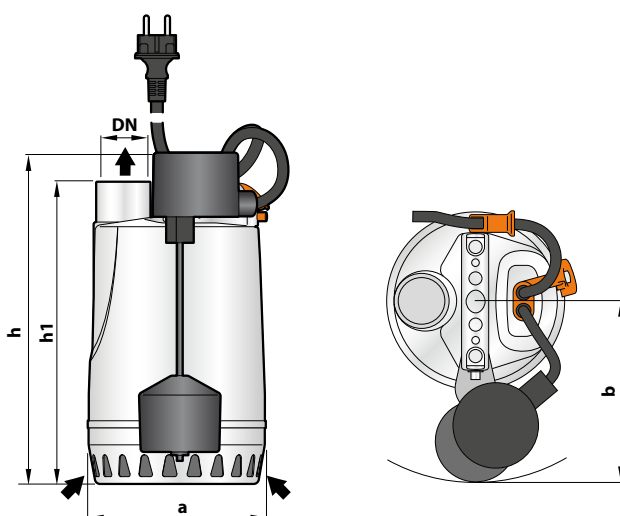


DIMENSIONS AND WEIGHT



MODEL		PORT DN	DIMENSIONS mm								kg		PALLETIZATION	
Single-phase	Three-phase		a	b	h	h1	d	e	p	Ø	1~	3~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 1	RX 1	1 1/4"	147	24	269	246	14	variable	350	350	6.1	5.5	96	144
RXm 2	RX 2				298	277					6.1	5.6	96	144
RXm 3	RX 3										7.6	7.0	96	144

Version with vertical float switch



MODEL		PORT DN	DIMENSIONS mm								kg		PALLETIZATION	
Single-phase			a	b	h	h1	d	e	g	p	Ø	1~	GROUPAGE n. pumps	CONTAINER n. pumps
RXm 1-GM	1 1/4"	147	150	270	247	14	145	40	350	240	240	6.2	80	120
RXm 2-GM				300	277			45				6.2	80	120
RXm 3-GM												7.5	80	120

ABSORPTION

MODEL	VOLTAGE		
Single-phase	230 V	240 V	110 V
RXm 1	1.5 A	1.4 A	3.0 A
RXm 2	2.0 A	2.0 A	4.0 A
RXm 3	3.6 A	3.4 A	7.2 A

MODEL	VOLTAGE			
Three-phase	230 V	400 V	240 V	415 V
RX 1	1.6 A	0.9 A	1.6 A	0.9 A
RX 2	1.7 A	1.0 A	1.7 A	1.0 A
RX 3	2.8 A	1.6 A	2.6 A	1.5 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
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

<i>Seal Model</i>	<i>Shaft Diameter</i>	<i>Position</i>	<i>Materials</i>		
			<i>Stationary ring</i>	<i>Rotational ring</i>	<i>Elastomer</i>
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

<i>Pump</i>	<i>Capacitance</i>	
<i>Single-phase</i>	<i>(230 V or 240 V)</i>	<i>(110 V)</i>
RXm 4	20 µF 450 VL	30 µF - 250 VL
RXm 5	25 µF 450 VL	30 µF - 250 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

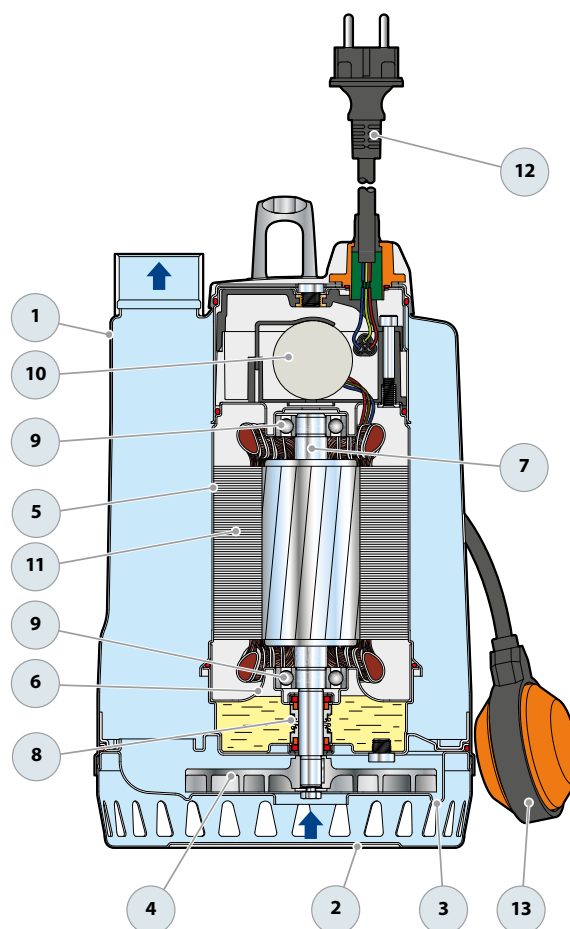
12 POWER CABLE

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

Standard length 10 metres

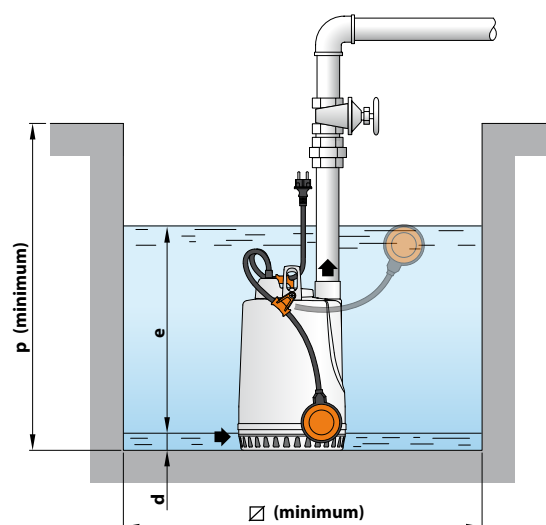
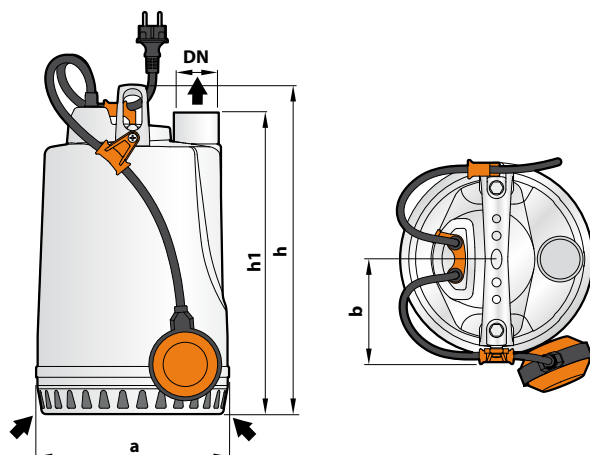
13 FLOAT SWITCH

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



DIMENSIONS AND WEIGHT

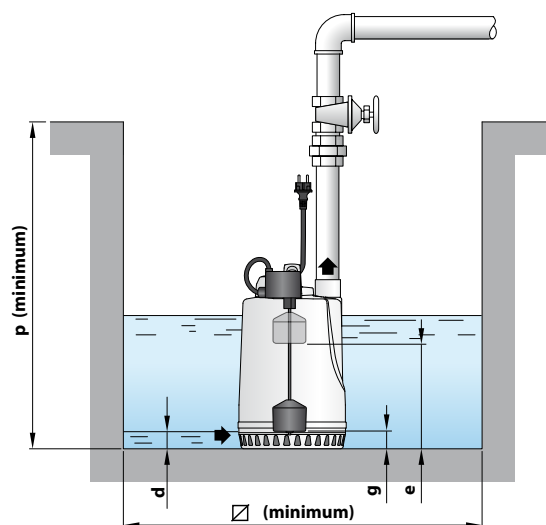
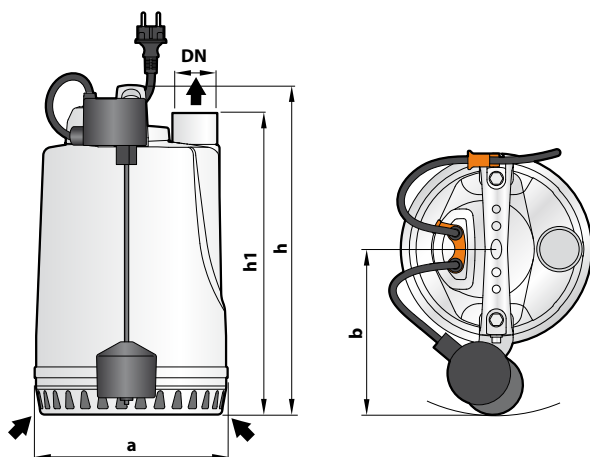
Standard installation



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	RX 4	1½"	220	118.5	370	336	25	variable	500	500	14.4	13.3	45	60
RXm 5	RX 5										15.4	14.4	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 - GM	1½"	220	186.5	370	336	25	250	50	500	300	16.7	45	60
RXm 5 - GM											15.8	45	60

ABSORPTION

MODEL	VOLTAGE	
Single-phase	230 V	240 V
RXm 4	5.9 A	5.9 A
RXm 5	7.5 A	7.5 A

MODEL	VOLTAGE			
Three-phase	230 V	400 V	240 V	415 V
RX 4	3.6 A	2.1 A	3.5 A	2.0 A
RX 5	6.1 A	3.5 A	5.9 A	3.4 A