

RMQ 3-45 B-A-W-A-BVPV 1x220V 50Hz

Grundfos pump 96494921



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<https://www.lenntech.com/grundfos/RMQFAM/96494921/RMQ-3-45-B-A-W-A-BVBP.html>

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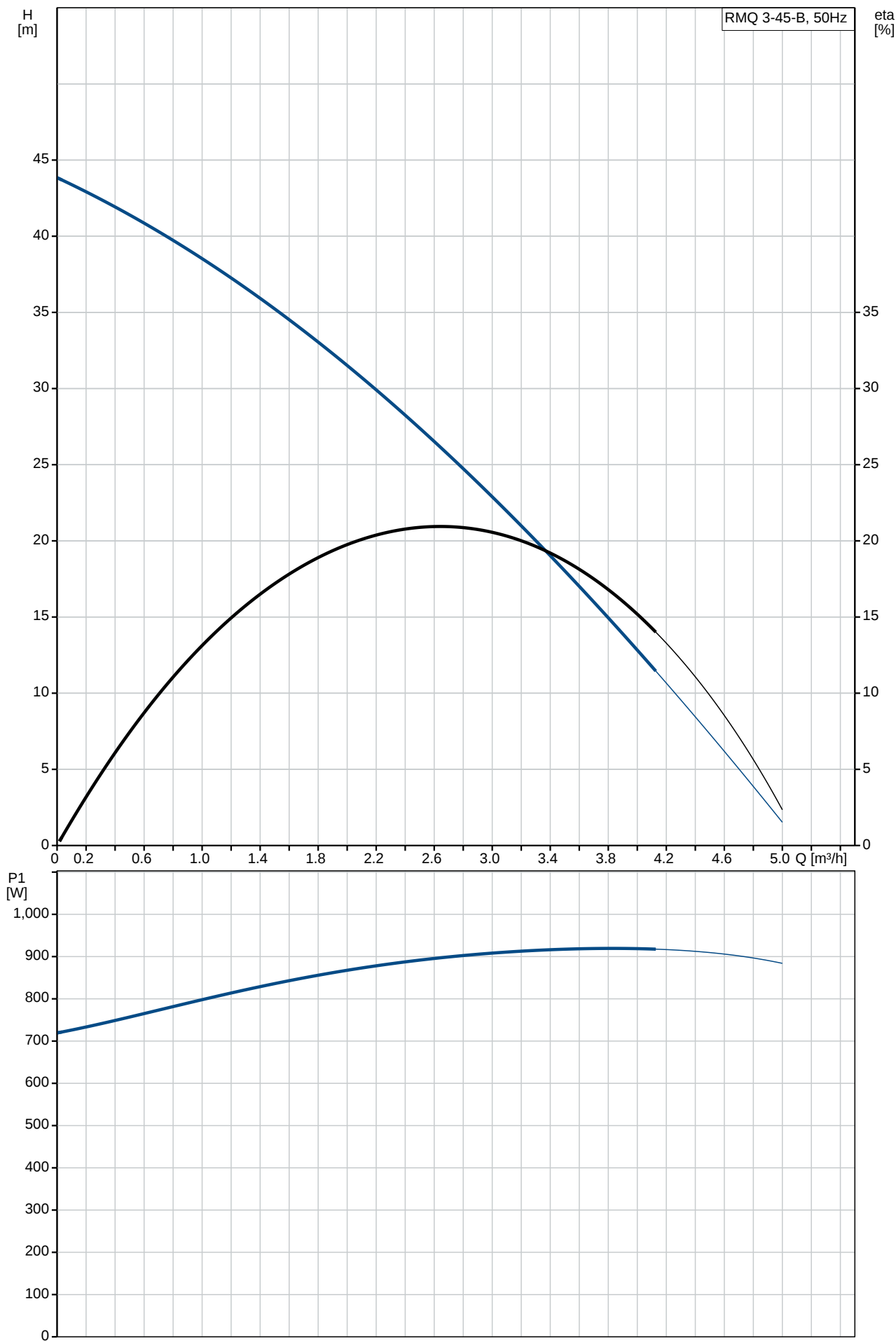
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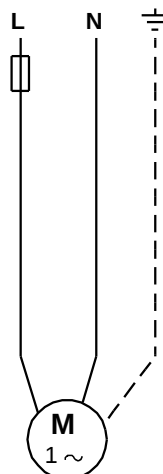
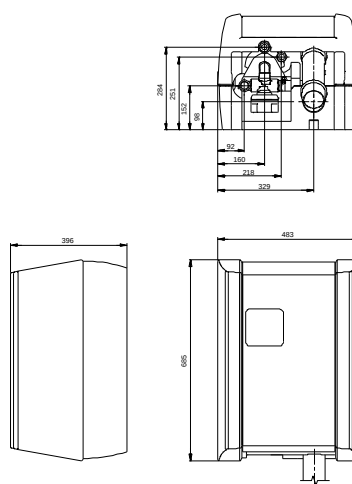
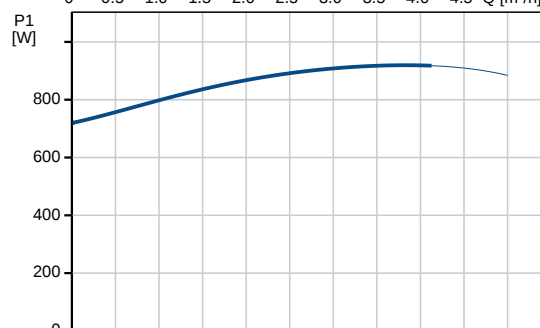
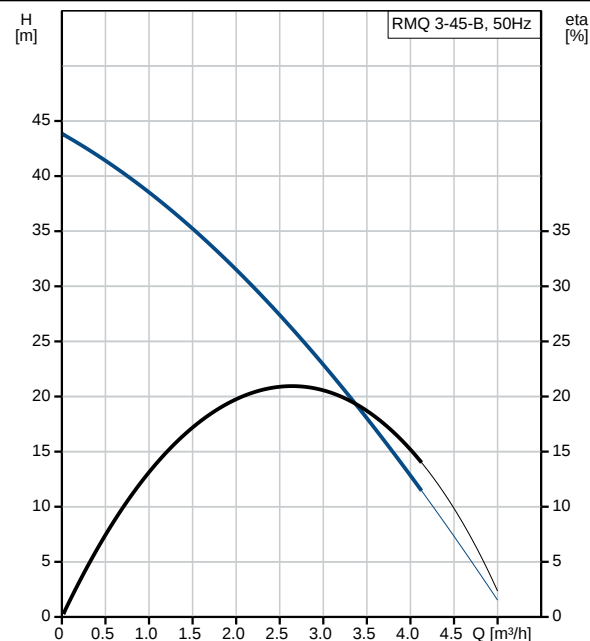
Position	Qty.	Description
	1	RMQ 3-45-B A-W-A-BVBP  Note! Product picture may differ from actual product Product No.: On request The RMQ rainwater unit is designed for the monitoring and control of rainwater collection and utilisation systems. The unit detects faults in the rainwater collection system and makes the necessary adjustments to ensure that the system is operating. When insufficient rainwater is available from the collecting tank (e.g. underground tank), the RMQ unit switches to mains water supply, thus providing sufficient water at the points of consumption, e.g. water closet, tap. The connection between the integral mains water tank and the suction pipe from the collecting tank is closed by means of the built-in three-way-valve. The RMQ unit has been approved for -the control of rainwater collection systems, -as domestic waterworks for the utilisation of rainwater, -for operation in residential and commercial areas as well as for small enterprises. Features and benefits -Automatic changeover between rainwater tank and integrated mains water tank. -Manual changeover between rainwater tank and integrated mains water tank. -Acoustic alarm in case of overflow in integrated mains water tank. -Level switch for rainwater tank. Controls: Control variant: B Liquid: Pumped liquid: Water Liquid temperature range: 0 .. 35 °C Liquid temperature during operation: 20 °C Density: 998.2 kg/m³ Technical: Rated flow: 3 m³/h Rated head: 27 m Primary shaft seal: BVBP Approvals on nameplate: CE Curve tolerance: ISO9906:2012 3B Materials: Pump housing: POM + 25% glass fibre Impeller: PPO + 20% glass fibre-PTFE Installation: Range of ambient temperature: 5 .. 45 °C Maximum operating pressure: 7.5 bar Electrical data: Power input - P1: 1000 W

Position	Qty.	Description
		Mains frequency: 50 Hz Rated voltage: 1 x 220-240 V Rated current: 4.5 A Enclosure class (IEC 34-5): IP42 Insulation class (IEC 85): B Length of cable: 1.5 m Type of cable plug: SCHUKO Others: Net weight: 21 kg Gross weight: 22 kg Shipping volume: 0.17 m ³

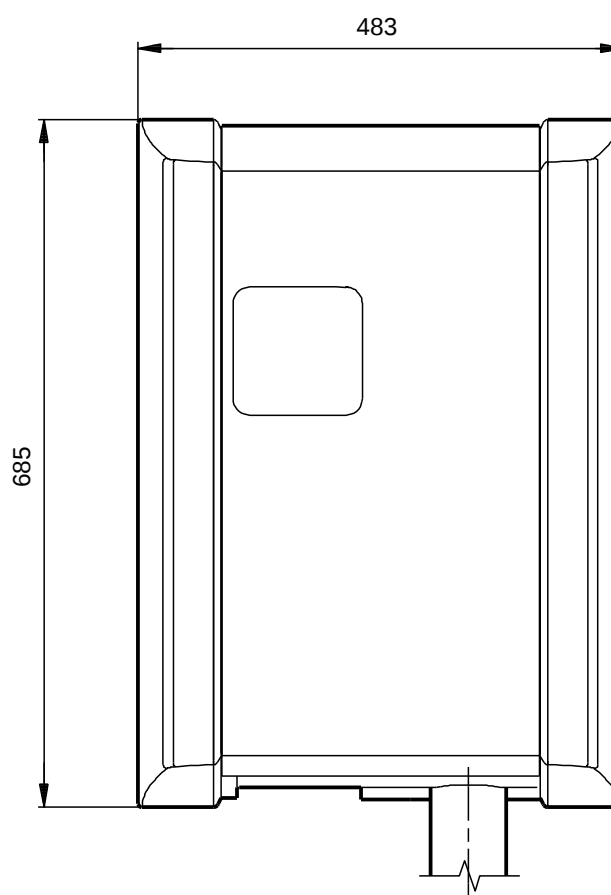
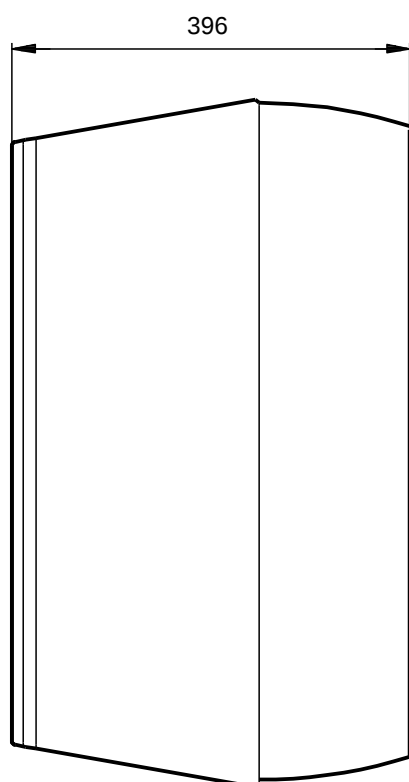
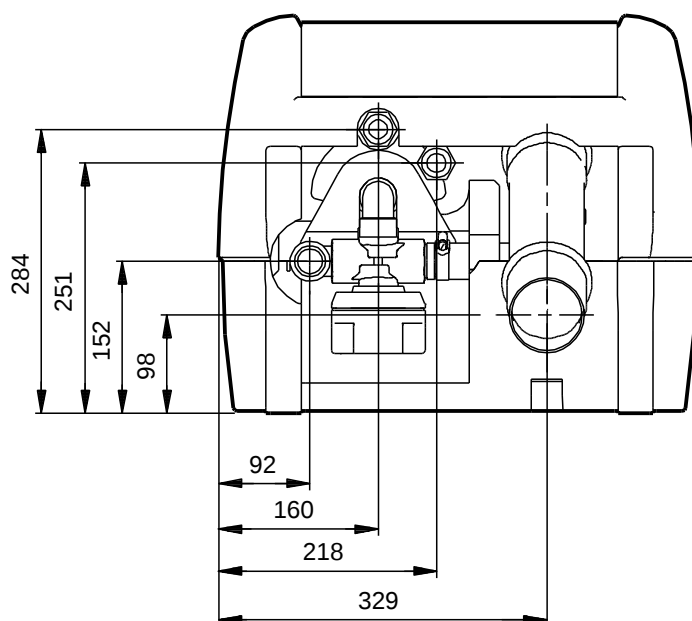
On request RMQ 3-45-B A-W-A-BVBP 50 Hz



Description	Value
General information:	
Product name:	RMQ 3-45-B A-W-A-BVBP
Product No:	On request
EAN number:	On request
Technical:	
Rated flow:	3 m³/h
Rated head:	27 m
Head max:	45 m
Primary shaft seal:	BVBP
Approvals on nameplate:	CE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	POM + 25% glass fibre
Impeller:	PPO + 20% glass fibre-PTFE
Material code:	A
Installation:	
Range of ambient temperature:	5 .. 45 °C
Maximum operating pressure:	7.5 bar
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 35 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Power input - P1:	1000 W
Mains frequency:	50 Hz
Rated voltage:	1 x 220-240 V
Rated current:	4.5 A
Enclosure class (IEC 34-5):	IP42
Insulation class (IEC 85):	B
Length of cable:	1.5 m
Type of cable plug:	SCHUKO
Controls:	
Control variant:	B
Switch:	on/off switch included
Others:	
Net weight:	21 kg
Gross weight:	22 kg
Shipping volume:	0.17 m³



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Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view



Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list RMQ 3-45-B, Product No. On request
Valid from 22.1.2009 (0904)

Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
+ 301	Pump				1	pcs
401	Tank				1	pcs
403	Housing				1	pcs
404	Wall mounting				1	pcs
405	Back plate				1	pcs
406	Terminal connection				1	pcs
408	Velcro				1	pcs
409	Float valve				1	pcs
410	Hose				1	pcs
411	Motor for motor valve				1	pcs
412	Three-way valve cpl.				1	pcs
424	Reed relay				1	pcs
461	Level switch				1	pcs
501	Control box				1	pcs
502	Cover				1	pcs
761	Hose				1	pcs

Disclaimer: The information about the Grundfos pump in this document may be outdated.

Data may be subject to alterations without further notice.

Please contact us to verify the data above is still accurate/up-to-date.

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