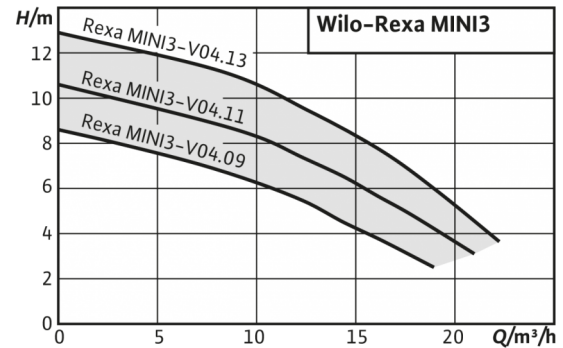


## Series description: Wilo-Rexa MINI3

Wilo-Rexa MINI3



Wilo-Rexa MINI3



### The reliable wastewater and sewage pump for household and groundwater drainage.

The Wilo-Rexa MINI3 is the ideal submersible pump for standard sewage in site drainage and domestic situations. It is suitable for pumping wastewater and sewage free of faeces in accordance with DIN EN 12050-2. The pump can be used flexibly for both stationary and portable wet well installations. The optimised hydraulics provide high levels of reliability for universal application in the pumping of a diverse range of fluids. Its compact design means it can even be installed in narrow drainage pits. The oil-filled sealing chamber and a double seal allow for longer maintenance intervals. Direct access to the most important components makes carrying out maintenance work very convenient.

#### Construction

Submersible sewage pump for intermittent operation for stationary and portable wet well installation.

#### Application

Pumping of

- Sewage not containing faeces
- Wastewater

#### Equipment/function

- Connection cable with
  - Plug (version P)
  - Plug and float switch (version A)
  - Bare cable end (3-)
- Self-switching thermal motor monitoring

#### Scope of delivery

Pump with connection cable and

- Plug (version P)
- Plug and float switch (version A)
- Bare cable end (3-)

Installation and operating instructions

### Your advantages

- High efficiency and operational reliability thanks to the optimised hydraulics
- Easy installation – even in narrow drainage pits – thanks to its lightweight, compact design with integrated condenser and threaded flange
- Reliable use in a variety of drainage applications thanks to the corrosion-free impeller and sealed cable inlet
- Longer maintenance intervals thanks to the high-volume sealing chamber and double seal
- Quick maintenance facilitated by direct access to the sealing chamber and pump housing

## Series description: Wilo-Rexa MINI3

### Type key

Example:	Wilo-Rexa MINI3-V04.11/M06-523/A-5M
<b>Rexa</b>	Submersible sewage pump
<b>MINI3</b>	Series
<b>V</b>	Vortex impeller
<b>04</b>	Nominal diameter of pressure connection G 1½
<b>11</b>	Max. delivery head in m
<b>M</b>	Mains connection version:
	M = 1~
	T = 3~
<b>06</b>	Value/10 = motor power P2 in kW
<b>5</b>	Frequency (5 = 50 Hz, 6 = 60 Hz)
<b>23</b>	Rated voltage code
<b>A</b>	Additional electrical equipment:
	<ul style="list-style-type: none"><li>• Without = with bare cable end</li><li>• P = with plug</li><li>• A = with float switch and plug</li></ul>
<b>5M</b>	Connection cable length

### Technical data

- Mains connection: 1~ 230 V, 50 Hz or 3~ 400 V, 50 Hz
- Submerged operating mode: S1
- Non-immersed operating mode: S3 15%
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 ... 40 °C
- Free ball passage: 40 mm

### Materials

- Pump housing: grey cast iron
- Impeller: composite
- Cover plate on suction port: stainless steel
- Motor housing: stainless steel
- Shaft: Stainless steel
- Seal on the motor side: NBR
- Seal on the fluid side: SiC/SiC
- Static seal: NBR

### Description/construction

Submersible sewage pump as submersible monobloc unit for portable wet well installation in intermittent operation.

#### Hydraulics

Pump with vortex impeller and a free ball passage of 40 mm. Pressure connection as a vertical threaded connection.

#### Motor

Surface-cooled motor in single-phase version (with built-in operating capacitor) and three-phase current version for the direct starting. The waste heat is given off directly to the surrounding fluid via the motor housing. These motors can be operated immersed in continuous duty (S1) and non-immersed in intermittent operation (S3).

The motor is equipped with automatic thermal motor monitoring. This means that the motor is switched off if it overheats and is automatically switched on again once it has cooled down.

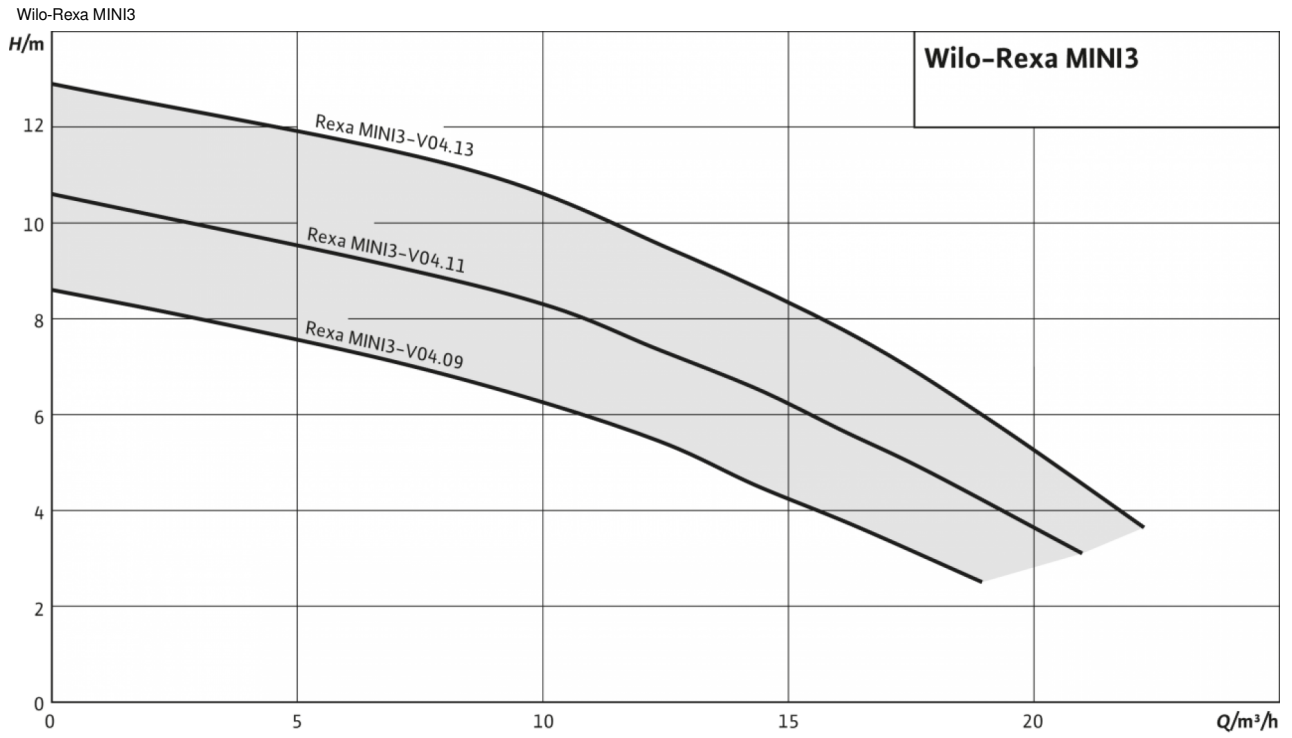
The connection cable has a length of 5 m or 10 m and is available in the following versions:

- With bare cable ends
- With plug
- With float switch and plug

#### Seal

The seal is created on the fluid side by a mechanical seal, and on the motor side by a rotary shaft seal. A sealing chamber with a white-oil filling is located between the gaskets.

## Duty chart: Wilo-Rexa MINI3



## Product list: Wilo-Rexa MINI3

Product description	Mains connection	Max. delivery head $H$	Max. volume flow $Q$	Optimal volume flow $Q_{opt}$	Rated current $I_N$	Rated power $P_2$	Explosion protection ATEX	Article number
Rexa MINI3-V04.0 1~230 V, 50 Hz 9/M05-523/P-5M		9.00 m	18 m <sup>3</sup> /h	210.7 m <sup>3</sup> /h	3.30 A	0.50 kW	no	3094001
Rexa MINI3-V04.0 1~230 V, 50 Hz 9/M05-523/A-5M		9.00 m	18 m <sup>3</sup> /h	210.7 m <sup>3</sup> /h	3.30 A	0.50 kW	no	3094002
Rexa MINI3-V04.0 3~400 V, 50 Hz 9/T05-540/O-5M		9.00 m	18 m <sup>3</sup> /h	212 m <sup>3</sup> /h	1.30 A	0.50 kW	no	3094003
Rexa MINI3-V04.1 1~230 V, 50 Hz 1/M06-523/P-5M		11.00 m	20 m <sup>3</sup> /h	233.3 m <sup>3</sup> /h	4.10 A	0.60 kW	no	3094004
Rexa MINI3-V04.1 1~230 V, 50 Hz 1/M06-523/A-5M		11.00 m	20 m <sup>3</sup> /h	233.3 m <sup>3</sup> /h	4.10 A	0.60 kW	no	3094005
Rexa MINI3-V04.1 3~400 V, 50 Hz 1/T06-540/O-5M		11.00 m	20 m <sup>3</sup> /h	232 m <sup>3</sup> /h	1.60 A	0.60 kW	no	3094006
Rexa MINI3-V04.1 1~230 V, 50 Hz 3/M08-523/A-5M		13.00 m	22 m <sup>3</sup> /h	246 m <sup>3</sup> /h	4.70 A	0.75 kW	no	3094007
Rexa MINI3-V04.0 1~230 V, 50 Hz 9/M05-523/P-10M		9.00 m	18 m <sup>3</sup> /h	210.7 m <sup>3</sup> /h	3.30 A	0.50 kW	no	3094008
Rexa MINI3-V04.0 1~230 V, 50 Hz 9/M05-523/A-10M		9.00 m	18 m <sup>3</sup> /h	210.7 m <sup>3</sup> /h	3.30 A	0.50 kW	no	3094009
Rexa MINI3-V04.0 3~400 V, 50 Hz 9/T05-540/O-10M		9.00 m	18 m <sup>3</sup> /h	212 m <sup>3</sup> /h	1.30 A	0.50 kW	no	3094010
Rexa MINI3-V04.1 1~230 V, 50 Hz 1/M06-523/P-10M		11.00 m	20 m <sup>3</sup> /h	233.3 m <sup>3</sup> /h	4.10 A	0.60 kW	no	3094011
Rexa MINI3-V04.1 1~230 V, 50 Hz 1/M06-523/A-10M		11.00 m	20 m <sup>3</sup> /h	233.3 m <sup>3</sup> /h	4.10 A	0.60 kW	no	3094012
Rexa MINI3-V04.1 3~400 V, 50 Hz 1/T06-540/O-10M		11.00 m	20 m <sup>3</sup> /h	232 m <sup>3</sup> /h	1.60 A	0.60 kW	no	3094013

## Data sheet: Rexa MINI3-V04.09/M05-523/P-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	316.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.73 kW
Rated current $I_N$	3.30 A
Starting current $I$	7.2 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/M05-523/P-5M
EAN number	4048482948683
Article number	3094001
Net weight, approx. $m$	13 kg
Gross weight, approx. $m$	14.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.09/M05-523/A-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	316.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.73 kW
Rated current $I_N$	3.30 A
Starting current $I$	7.2 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	yes
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/M05-523/A-5M
EAN number	4048482948690
Article number	3094002
Net weight, approx. $m$	13 kg
Gross weight, approx. $m$	14.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.09/T05-540/O-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	318.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.66 kW
Rated current $I_N$	1.30 A
Starting current $I$	5.4 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.80
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	4G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	no
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/T05-540/O-5M
EAN number	4048482948706
Article number	3094003
Net weight, approx. $m$	13 kg
Gross weight, approx. $m$	14.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.11/M06-523/P-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	350.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.93 kW
Rated current $I_N$	4.10 A
Starting current $I$	9.5 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/M06-523/P-5M
EAN number	4048482948713
Article number	3094004
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1



## Data sheet: Rexa MINI3-V04.11/M06-523/A-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	350.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.93 kW
Rated current $I_N$	4.10 A
Starting current $I$	9.5 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	yes
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/M06-523/A-5M
EAN number	4048482948720
Article number	3094005
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.11/T06-540/O-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	348.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.83 kW
Rated current $I_N$	1.60 A
Starting current $I$	7.6 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.77
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	4G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	no
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/T06-540/O-5M
EAN number	4048482948737
Article number	3094006
Net weight, approx. $m$	13 kg
Gross weight, approx. $m$	14.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.13/M08-523/A-5M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	2.00 m
Max. delivery head $H_{max}$	13.0
Max. volume flow $Q_{max}$	369.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.75 kW
Power consumption $P_{1max}$	1.03 kW
Rated current $I_N$	4.70 A
Starting current $I$	14.2 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.94
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	5.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	yes
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.13/M08-523/A-5M
EAN number	4048482948744
Article number	3094007
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.09/M05-523/P-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	316.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.73 kW
Rated current $I_N$	3.30 A
Starting current $I$	7.2 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/M05-523/P-10M
EAN number	4048482948751
Article number	3094008
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.09/M05-523/A-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	316.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.73 kW
Rated current $I_N$	3.30 A
Starting current $I$	7.2 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	yes
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/M05-523/A-10M
EAN number	4048482948768
Article number	3094009
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.09/T05-540/O-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	9.0
Max. volume flow $Q_{max}$	318.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.50 kW
Power consumption $P_{1max}$	0.66 kW
Rated current $I_N$	1.30 A
Starting current $I$	5.4 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.80
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	4G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	no
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.09/T05-540/O-10M
EAN number	4048482948775
Article number	3094010
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.11/M06-523/P-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	350.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.93 kW
Rated current $I_N$	4.10 A
Starting current $I$	9.5 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/M06-523/P-10M
EAN number	4048482948782
Article number	3094011
Net weight, approx. $m$	15 kg
Gross weight, approx. $m$	16.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1

## Data sheet: Rexa MINI3-V04.11/M06-523/A-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	350.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.93 kW
Rated current $I_N$	4.10 A
Starting current $I$	9.5 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.99
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	Shock-proof
Float switch	yes
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/M06-523/A-10M
EAN number	4048482948799
Article number	3094012
Net weight, approx. $m$	15 kg
Gross weight, approx. $m$	16.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1



## Data sheet: Rexa MINI3-V04.11/T06-540/O-10M

### Hydraulic data

Maximum operating pressure $p$	1 bar
Pressure port	G 1½
Free ball passage of the hydraulics	40 mm
Impeller type	Vortex impeller
Max. immersion depth	7.00 m
Max. delivery head $H_{max}$	11.0
Max. volume flow $Q_{max}$	348.0
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.60 kW
Power consumption $P_{1max}$	0.83 kW
Rated current $I_N$	1.60 A
Starting current $I$	7.6 A
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-20%
Rated speed $n$	2900 rpm
Power factor $\cos \varphi$	0.77
Activation type	Direct online (DOL)
Number of poles	2
Max. switching frequency $t$	30 1/h
Insulation class	F
Protection class motor	IP68

### Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	4G1 mm²
Type of connection cable	Detachable

### Equipment/function

Mains plug	no
Float switch	no
Macerator	no
Explosion protection type	no
Motor protection	Bimetallic
Motor, leakage detection	no
Sealing chamber, leakage detection	no
Leakage chamber, leakage detection	no

### Materials

Pump housing	EN-GJL-200
Impeller	PK-GF30
Shaft	1.4301
Sealing on pump side	Carbon, synthetic resin-impregnated
Gasket material	NBR
Motor housing	1.4301

### Installation dimensions

Connection input	-
Connection output	G 1½

### Information for order placements

Brand	Wilo
Product description	Rexa MINI3-V04.11/T06-540/O-10M
EAN number	4048482948805
Article number	3094013
Net weight, approx. $m$	14 kg
Gross weight, approx. $m$	15.0 kg
Length with packaging	250 mm
Height with packaging	530 mm
Width with packaging	210 mm
Packaging property	Sales packaging
Packaging type	Europallet
Minimum order quantity	1