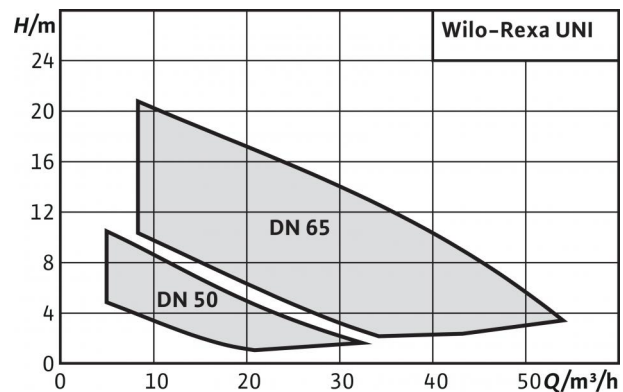


Series description: Wilo-Rexa UNI



Similar to figure

Design

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

Application

Pumping of

- Sewage containing faeces in accordance with EN 12050-1
- Wastewater

Type key

Example:

Rexa

UNI

V

05

T

05

5

40

P

Wilo-Rexa UNI V05/M05-540/P

Submersible sewage pump with retrodynamic hydraulics

Series with copolymer hydraulics

Vortex impeller

Nominal diameter pressure

connection:

05 = DN 50

06 = DN 50/65

Mains connection version:

M = 1~

T = 3~

Value/10 = motor power P_2 in kW

Frequency (5 = 50 Hz, 6 = 60 Hz)

Code for rated voltage

Additional electrical equipment:

without addition = with bare cable end

P = with plug

A = with float switch and plug

Special features/product advantages

- Excellent reliability due to corrosion-free hydraulics for universal application and various fluids
- Easy installation thanks to its light weight, integrated capacitor at the single-phase motor and flange with integrated fixation
- Optimum efficiency and operational safety thanks to its vortex hydraulics and smooth surfaces
- Easy maintenance due to direct access to the sealing chamber and pump housing
- Long maintenance interval thanks to its double seal and a high volume sealing chamber

Technical data

Series description: Wilo-Rexa UNI

Technical data

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Submerged operating mode: S1
- Non-immersed operating mode: S2-15 min; S3 10 %
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 - 40 °C, max. 60 °C for 3 min
- Free passage: 44 mm
- Cable length: 10 m

Equipment/function

- Winding temperature monitoring with bimetallic strip

Description/design

Submersible sewage pump as submersible monobloc unit for stationary and portable wet well installation.

Hydraulics

The outlet on the pressure side is designed as horizontal flange connection. The maximum possible dry matter is 8 %. Vortex impellers are used as the impeller shape. A pump support foot is integrated into the hydraulics housing.

Motor

The motors available are surface-cooled motors in single-phase version (with built-in operating capacitor) and three-phase 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 short-time duty (S2) or intermittent periodic duty (S3).

Furthermore the motors are equipped with thermal motor monitoring. This protects the motor windings against overheating. For units with single-phase AC motors this is built-in and switches automatically. I.e. if the motor is switched off due to overheating and then cools down it is automatically switched on again. Bimetallic strips are used for this as standard.

The connection cable has a length of 10 m as standard and is available in following versions:

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

Seal

There is a sealing chamber between the motor and hydraulics. This is filled with medicinal white oil. The seal on the fluid side is provided by a mechanical seal.

Materials

- Motor housing: 1.4301
- Hydraulics housing: PP-GF30 (copolymer)
- Impeller: PP-GF30 (copolymer)
- Static gaskets: NBR
- Sealing on pump side: SiC/SiC
- Sealing on motor side: NBR (V05), C/MgSiO4 (V06)
- Shaft end: Stainless steel 1.4401

Scope of delivery

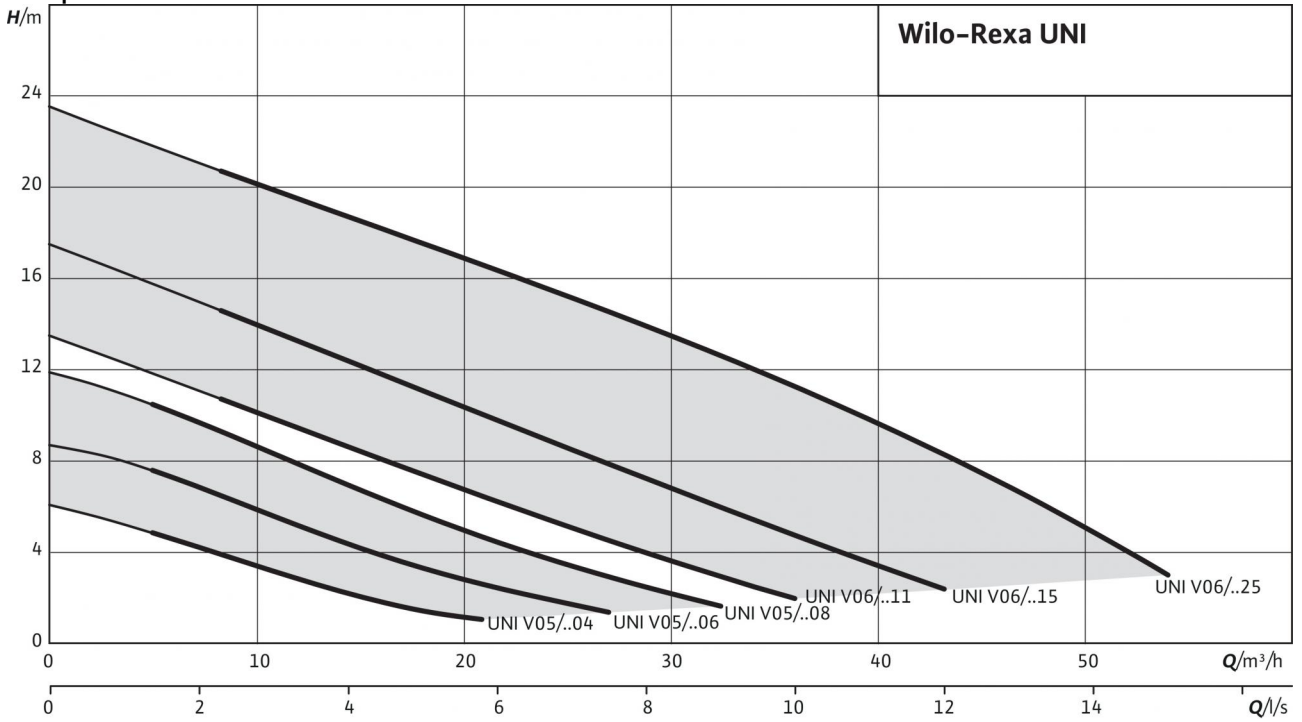
- Submersible sewage pump with 10 m cable
- Operating and maintenance manual

Accessories

- Suspension unit
- Chains
- Switchgear, relays and plugs
- Fixation sets with anchor bolts

Duty chart: Wilo-Rexa UNI

Pump curves



Equipment/function: Wilo-Rexa UNI

Design

Submersible	•
Single-channel impeller	-
Vortex impeller	•
Multi-channel impeller	-
Open multi-channel impeller	-
Macerator	-
Turbulator	-
Sealing chamber	•
Leakage chamber	-
Sealing by mechanical seal on motor side	•
Sealing by rotary shaft seal on motor side	•
Sealing by mechanical seal on fluid side	•
AC motor	•
Three-phase motor	•
Direct activation	•
Star-delta activation	-
FC operation	-
dry motor	•
Motor with oil cooling	-
Dry motor with closed-circuit cooling	-

Application

Wet well installation, stationary	•
Wet well installation, portable	•
Dry well installation, stationary	-
Dry well installation, portable	-

Equipment/function

Motor leakage monitoring	-
Sealing chamber monitoring	°
Leakage chamber monitoring	-
Motor temperature monitoring, bimetal	•
PTC motor temperature monitoring	-
Explosion protection	-
Float switch	Version A
Capacitor box for 1~230 V	-
Ready-to-plug	•

Materials

Pump housing	Composite
Impeller	Composite
Motor housing	Stainless steel

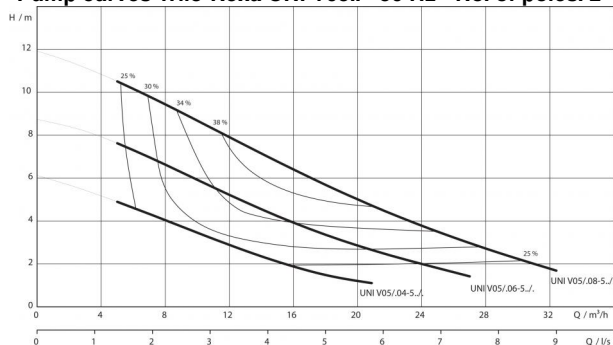
• = available, - = not available; ° = optional

Product list: Wilo-Rexa UNI

TYP	Pressure connection	Max. volume flow Q_{max}	Max. delivery head H_{max}	Optimum volume flow Q_{opt}	Optimal delivery head H_{opt}	Rated current I_N	Rated power P_2	Explosion protection	Art no.
UNI V05/M04-523/A	DN 50	6 l/s	6 m	3 l/s	3 m	3.6 A	0.37 kW	-	6082114
UNI V05/M04-523/P	DN 50	6 l/s	6 m	3 l/s	3 m	3.6 A	0.37 kW	-	6082113
UNI V05/M06-523/A	DN 50	8 l/s	9 m	4 l/s	5 m	4.1 A	0.55 kW	-	6082118
UNI V05/M06-523/P	DN 50	8 l/s	9 m	4 l/s	5 m	4.1 A	0.55 kW	-	6082117
UNI V05/M08-523/A	DN 50	9 l/s	12 m	5 l/s	6 m	4.8 A	0.75 kW	-	6082122
UNI V05/M08-523/P	DN 50	9 l/s	12 m	5 l/s	6 m	4.8 A	0.75 kW	-	6082121
UNI V05/T04-540	DN 50	6 l/s	6 m	3 l/s	3 m	1.01 A	0.37 kW	-	6082115
UNI V05/T04-540/A	DN 50	6 l/s	6 m	3 l/s	3 m	1.01 A	0.37 kW	-	6082116
UNI V05/T06-540	DN 50	8 l/s	9 m	4 l/s	5 m	1.4 A	0.55 kW	-	6082119
UNI V05/T06-540/A	DN 50	8 l/s	9 m	4 l/s	5 m	1.4 A	0.55 kW	-	6082120
UNI V05/T08-540	DN 50	9 l/s	12 m	5 l/s	6 m	1.83 A	0.75 kW	-	6082123
UNI V05/T08-540/A	DN 50	9 l/s	12 m	5 l/s	6 m	1.83 A	0.75 kW	-	6082124
UNI V06/M11-523/A	DN 50/65	10 l/s	14 m	5 l/s	7 m	7.2 A	1.1 kW	-	6082138
UNI V06/M11-523/P	DN 50/65	10 l/s	14 m	5 l/s	7 m	7.2 A	1.1 kW	-	6082137
UNI V06/M15-523/A	DN 50/65	12 l/s	18 m	6 l/s	10 m	9.3 A	1.5 kW	-	6082142
UNI V06/M15-523/P	DN 50/65	12 l/s	18 m	6 l/s	10 m	9.3 A	1.5 kW	-	6082141
UNI V06/T11-540	DN 50/65	10 l/s	14 m	5 l/s	7 m	2.9 A	1.1 kW	-	6082139
UNI V06/T11-540/A	DN 50/65	10 l/s	14 m	5 l/s	7 m	2.9 A	1.1 kW	-	6082140
UNI V06/T15-540	DN 50/65	12 l/s	18 m	6 l/s	10 m	3.6 A	1.5 kW	-	6082143
UNI V06/T15-540/A	DN 50/65	12 l/s	18 m	6 l/s	10 m	3.6 A	1.5 kW	-	6082144
UNI V06/T25-540	DN 50/65	15 l/s	24 m	9 l/s	13 m	5.5 A	2.5 kW	-	6082145
UNI V06/T25-540/A	DN 50/65	15 l/s	24 m	9 l/s	13 m	5.5 A	2.5 kW	-	6082146

Data sheet: Rexa UNI V05/M04-523/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	6.1 m
Max. volume flow Q_{max}	20.9 m ³ /h
Optimal delivery head H_{opt}	3.3 m
Optimum volume flow Q_{opt}	10.4 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.67 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.4 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	3.6 A
Rated power P_2	0.37 kW
Power consumption P_1	0.61 kW
Power factor $\cos \varphi$	0.74
Activation type	Direct
Rated speed n	2,914 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

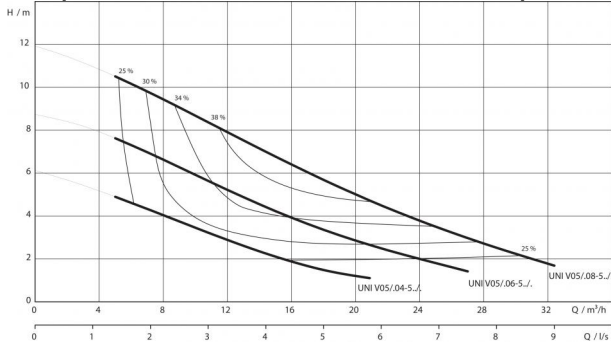


Data sheet: Rexa UNI V05/M04-523/A

Information for order placements	
Make	Wilo
Art no.	6082114
EAN number	4048482756370
Price group	PG7

Data sheet: Rexa UNI V05/M04-523/P

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	6.1 m
Max. volume flow Q_{max}	20.9 m ³ /h
Optimal delivery head H_{opt}	3.3 m
Optimum volume flow Q_{opt}	10.4 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.67 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.2 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	3.6 A
Rated power P_2	0.37 kW
Power consumption P_1	0.61 kW
Power factor $\cos \varphi$	0.74
Activation type	Direct
Rated speed n	2,914 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



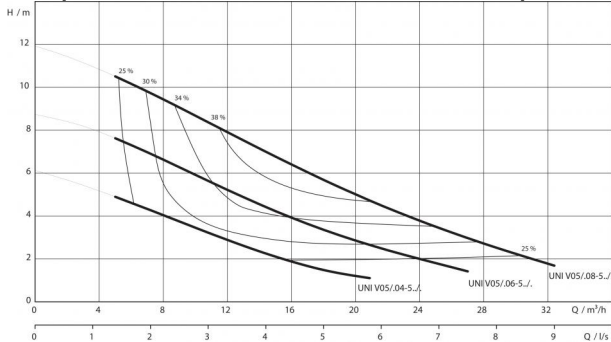
Data sheet: Rexa UNI V05/M04-523/P

Information for order placements

Make	Wilo
Art no.	6082113
EAN number	4048482756363
Price group	PG7

Data sheet: Rexa UNI V05/M06-523/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	8.7 m
Max. volume flow Q_{max}	27.0 m ³ /h
Optimal delivery head H_{opt}	4.8 m
Optimum volume flow Q_{opt}	13.5 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.96 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.4 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	4.1 A
Rated power P_2	0.55 kW
Power consumption P_1	0.81 kW
Power factor $\cos \varphi$	0.86
Activation type	Direct
Rated speed n	2,870 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

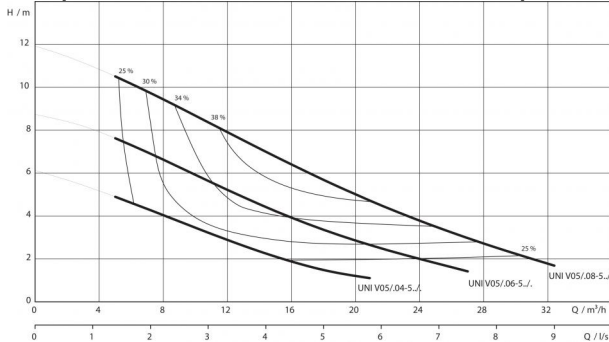


Data sheet: Rexa UNI V05/M06-523/A

Information for order placements	
Make	Wilo
Art no.	6082118
EAN number	4048482757728
Price group	PG7

Data sheet: Rexa UNI V05/M06-523/P

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	8.7 m
Max. volume flow Q_{max}	27.0 m ³ /h
Optimal delivery head H_{opt}	4.8 m
Optimum volume flow Q_{opt}	13.5 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.96 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.2 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	4.1 A
Rated power P_2	0.55 kW
Power consumption P_1	0.81 kW
Power factor $\cos \varphi$	0.86
Activation type	Direct
Rated speed n	2,870 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

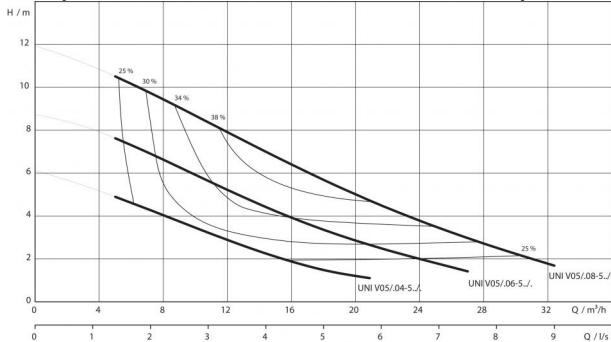


Data sheet: Rexa UNI V05/M06-523/P

Information for order placements	
Make	Wilo
Art no.	6082117
EAN number	4048482757711
Price group	PG7

Data sheet: Rexa UNI V05/M08-523/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit	
Max. delivery head H_{max}	11.9 m
Max. volume flow Q_{max}	32.4 m ³ /h
Optimal delivery head H_{opt}	6.3 m
Optimum volume flow Q_{opt}	16.2 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.3 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	14.0 kg

Motor data	
Mains connection	1~230 V, 50 Hz
Rated current I_N	4.8 A
Rated power P_2	0.75 kW
Power consumption P_1	1.04 kW
Power factor $\cos \varphi$	0.94
Activation type	Direct
Rated speed n	2,812 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable	
Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function	
Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials	
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



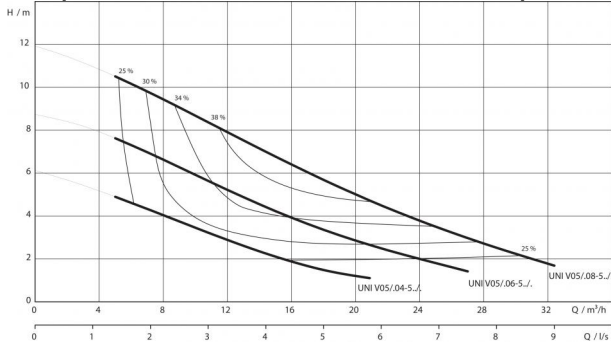
Data sheet: Rexa UNI V05/M08-523/A

Information for order placements

Make	Wilo
Art no.	6082122
EAN number	4048482757766
Price group	PG7

Data sheet: Rexa UNI V05/M08-523/P

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	11.9 m
Max. volume flow Q_{max}	32.4 m ³ /h
Optimal delivery head H_{opt}	6.3 m
Optimum volume flow Q_{opt}	16.2 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.3 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.8 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	4.8 A
Rated power P_2	0.75 kW
Power consumption P_1	1.04 kW
Power factor $\cos \varphi$	0.94
Activation type	Direct
Rated speed n	2,812 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



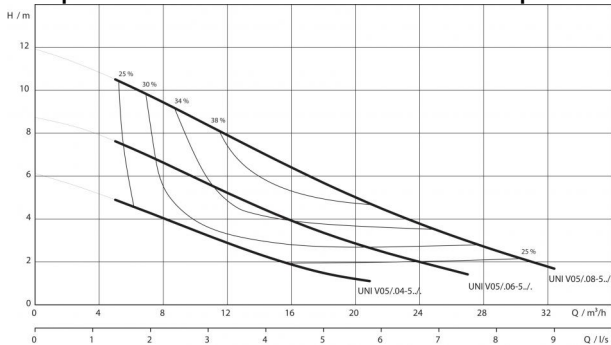
Data sheet: Rexa UNI V05/M08-523/P

Information for order placements

Make	Wilo
Art no.	6082121
EAN number	4048482757759
Price group	PG7

Data sheet: Rexa UNI V05/T04-540

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	6.1 m
Max. volume flow Q_{max}	20.9 m ³ /h
Optimal delivery head H_{opt}	3.3 m
Optimum volume flow Q_{opt}	10.4 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.67 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.0 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.01 A
Rated power P_2	0.37 kW
Power consumption P_1	0.58 kW
Power factor $\cos \varphi$	0.83
Activation type	Direct
Rated speed n	2,803 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

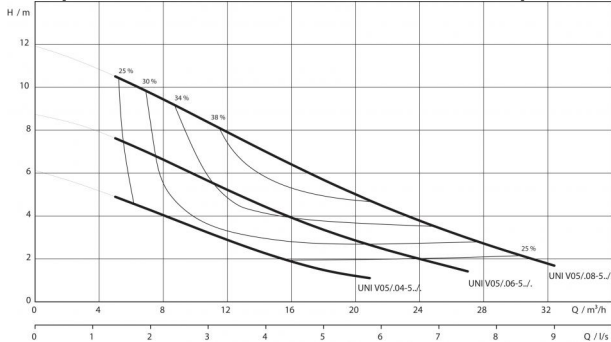


Data sheet: Rexa UNI V05/T04-540

Information for order placements	
Make	Wilo
Art no.	6082115
EAN number	4048482756387
Price group	PG7

Data sheet: Rexa UNI V05/T04-540/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	6.1 m
Max. volume flow Q_{max}	20.9 m ³ /h
Optimal delivery head H_{opt}	3.3 m
Optimum volume flow Q_{opt}	10.4 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.67 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	15.3 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.01 A
Rated power P_2	0.37 kW
Power consumption P_1	0.58 kW
Power factor $\cos \varphi$	0.83
Activation type	Direct
Rated speed n	2,803 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

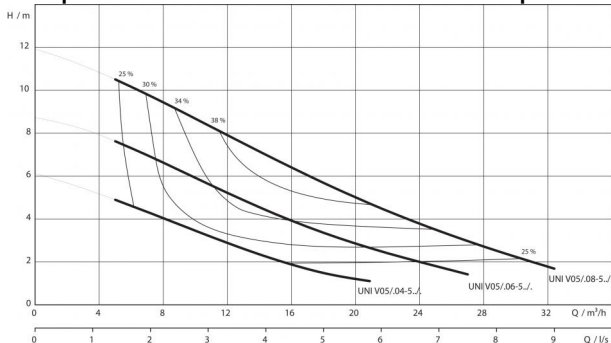


Data sheet: Rexa UNI V05/T04-540/A

Information for order placements	
Make	Wilo
Art no.	6082116
EAN number	4048482756394
Price group	PG7

Data sheet: Rexa UNI V05/T06-540

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	8.7 m
Max. volume flow Q_{max}	27.0 m^3/h
Optimal delivery head H_{opt}	4.8 m
Optimum volume flow Q_{opt}	13.5 m^3/h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.96 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	13.8 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.4 A
Rated power P_2	0.55 kW
Power consumption P_1	0.82 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,798 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	± 10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



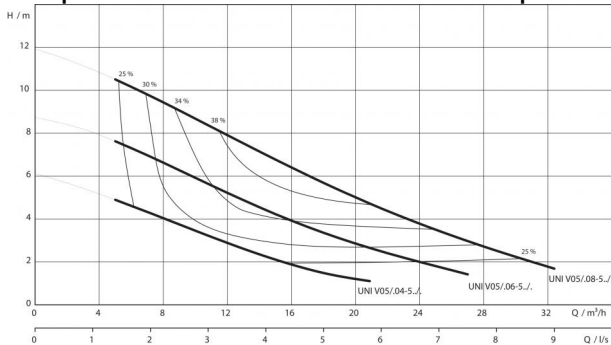
Data sheet: Rexa UNI V05/T06-540

Information for order placements

Make	Wilo
Art no.	6082119
EAN number	4048482757735
Price group	PG7

Data sheet: Rexa UNI V05/T06-540/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	8.7 m
Max. volume flow Q_{max}	27.0 m ³ /h
Optimal delivery head H_{opt}	4.8 m
Optimum volume flow Q_{opt}	13.5 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	0.96 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	16.1 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.4 A
Rated power P_2	0.55 kW
Power consumption P_1	0.82 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,798 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



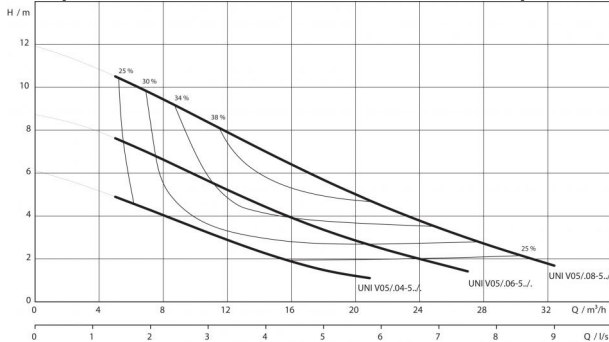
Data sheet: Rexa UNI V05/T06-540/A

Information for order placements

Make	Wilo
Art no.	6082120
EAN number	4048482757742
Price group	PG7

Data sheet: Rexa UNI V05/T08-540

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	11.9 m
Max. volume flow Q_{max}	32.4 m ³ /h
Optimal delivery head H_{opt}	6.3 m
Optimum volume flow Q_{opt}	16.2 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.3 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	14.4 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.83 A
Rated power P_2	0.75 kW
Power consumption P_1	1.06 kW
Power factor $\cos \varphi$	0.83
Activation type	Direct
Rated speed n	2,797 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



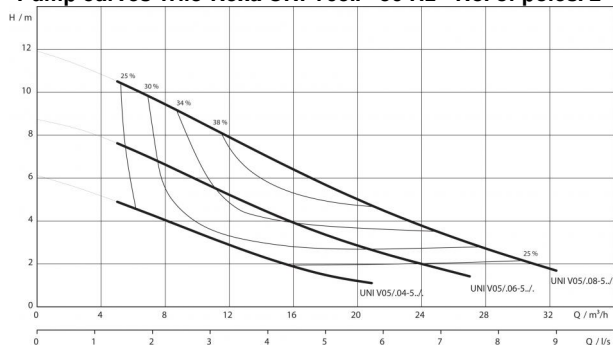
Data sheet: Rexa UNI V05/T08-540

Information for order placements

Make	Wilo
Art no.	6082123
EAN number	4048482757773
Price group	PG7

Data sheet: Rexa UNI V05/T08-540/A

Pump curves Wilo-Rexa UNI V05.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	11.9 m
Max. volume flow Q_{max}	32.4 m ³ /h
Optimal delivery head H_{opt}	6.3 m
Optimum volume flow Q_{opt}	16.2 m ³ /h
Pressure connection	DN 50
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.3 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	16.7 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	1.83 A
Rated power P_2	0.75 kW
Power consumption P_1	1.06 kW
Power factor $\cos \varphi$	0.83
Activation type	Direct
Rated speed n	2,797 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



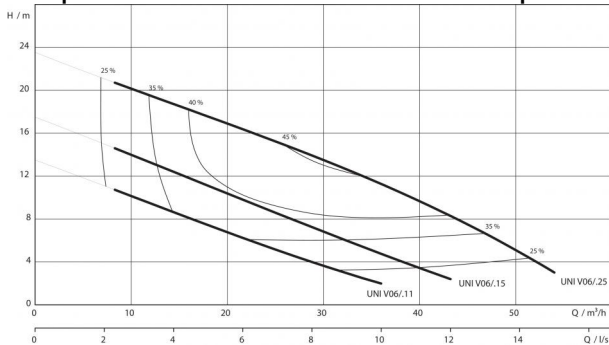
Data sheet: Rexa UNI V05/T08-540/A

Information for order placements

Make	Wilo
Art no.	6082124
EAN number	4048482757780
Price group	PG7

Data sheet: Rexa UNI V06/M11-523/A

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	13.5 m
Max. volume flow Q_{max}	36.0 m ³ /h
Optimal delivery head H_{opt}	7.4 m
Optimum volume flow Q_{opt}	18.0 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.44 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	19.1 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	7.2 A
Rated power P_2	1.1 kW
Power consumption P_1	1.59 kW
Power factor $\cos \varphi$	0.97
Activation type	Direct
Rated speed n	2,899 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

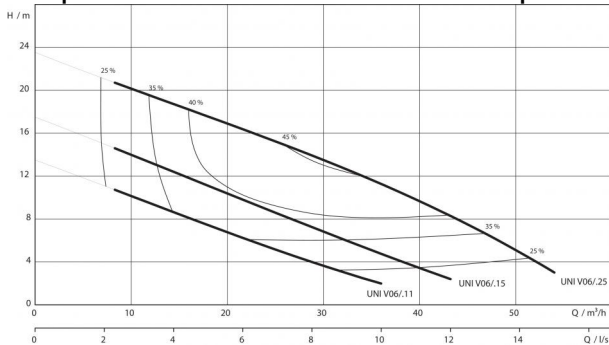


Data sheet: Rexa UNI V06/M11-523/A

Information for order placements	
Make	Wilo
Art no.	6082138
EAN number	4048482757698
Price group	PG7

Data sheet: Rexa UNI V06/M11-523/P

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	13.5 m
Max. volume flow Q_{max}	36.0 m ³ /h
Optimal delivery head H_{opt}	7.4 m
Optimum volume flow Q_{opt}	18.0 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.44 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	18.9 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	7.2 A
Rated power P_2	1.1 kW
Power consumption P_1	1.59 kW
Power factor $\cos \varphi$	0.97
Activation type	Direct
Rated speed n	2,899 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

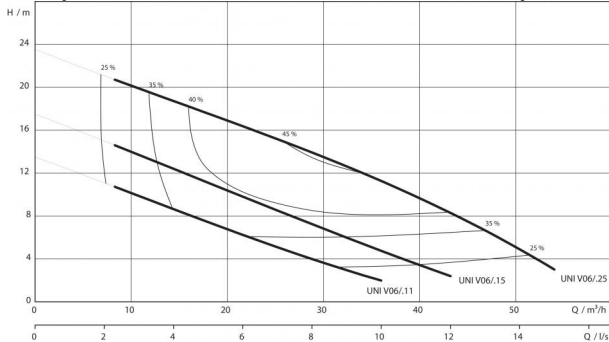


Data sheet: Rexa UNI V06/M11-523/P

Information for order placements	
Make	Wilo
Art no.	6082137
EAN number	4048482757681
Price group	PG7

Data sheet: Rexa UNI V06/M15-523/A

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	17.5 m
Max. volume flow Q_{max}	43.2 m ³ /h
Optimal delivery head H_{opt}	9.7 m
Optimum volume flow Q_{opt}	21.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.9 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	19.1 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	9.3 A
Rated power P_2	1.5 kW
Power consumption P_1	2.1 kW
Power factor $\cos \varphi$	0.98
Activation type	Direct
Rated speed n	2,852 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

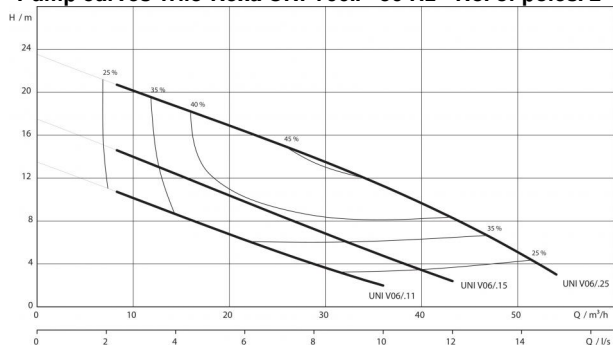


Data sheet: Rexa UNI V06/M15-523/A

Information for order placements	
Make	Wilo
Art no.	6082142
EAN number	4048482757933
Price group	PG7

Data sheet: Rexa UNI V06/M15-523/P

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	17.5 m
Max. volume flow Q_{max}	43.2 m ³ /h
Optimal delivery head H_{opt}	9.7 m
Optimum volume flow Q_{opt}	21.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.9 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	18.9 kg

Motor data

Mains connection	1~230 V, 50 Hz
Rated current I_N	9.3 A
Rated power P_2	1.5 kW
Power consumption P_1	2.1 kW
Power factor $\cos \varphi$	0.98
Activation type	Direct
Rated speed n	2,852 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Type of connecting cable	Detachable
Mains plug	Shock-proof

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

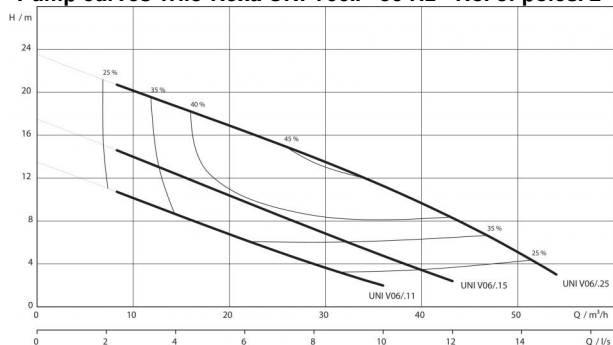


Data sheet: Rexa UNI V06/M15-523/P

Information for order placements	
Make	Wilo
Art no.	6082141
EAN number	4048482757926
Price group	PG7

Data sheet: Rexa UNI V06/T11-540

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	13.5 m
Max. volume flow Q_{max}	36.0 m ³ /h
Optimal delivery head H_{opt}	7.4 m
Optimum volume flow Q_{opt}	18.0 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.44 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	19.2 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	2.9 A
Rated power P_2	1.1 kW
Power consumption P_1	1.5 kW
Power factor $\cos \varphi$	0.76
Activation type	Direct
Rated speed n	2,893 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

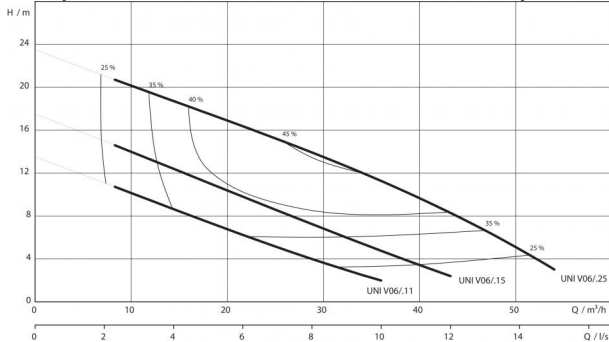


Data sheet: Rexa UNI V06/T11-540

Information for order placements	
Make	Wilo
Art no.	6082139
EAN number	4048482757704
Price group	PG7

Data sheet: Rexa UNI V06/T11-540/A

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	13.5 m
Max. volume flow Q_{max}	36.0 m ³ /h
Optimal delivery head H_{opt}	7.4 m
Optimum volume flow Q_{opt}	18.0 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.44 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	21.5 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	2.9 A
Rated power P_2	1.1 kW
Power consumption P_1	1.5 kW
Power factor $\cos \varphi$	0.76
Activation type	Direct
Rated speed n	2,893 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

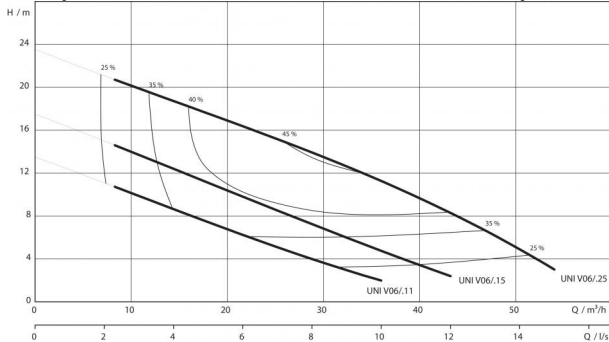


Data sheet: Rexa UNI V06/T11-540/A

Information for order placements	
Make	Wilo
Art no.	6082140
EAN number	4048482757919
Price group	PG7

Data sheet: Rexa UNI V06/T15-540

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	17.5 m
Max. volume flow Q_{max}	43.2 m ³ /h
Optimal delivery head H_{opt}	9.7 m
Optimum volume flow Q_{opt}	21.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.9 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	19.2 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	3.6 A
Rated power P_2	1.5 kW
Power consumption P_1	2.1 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,850 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

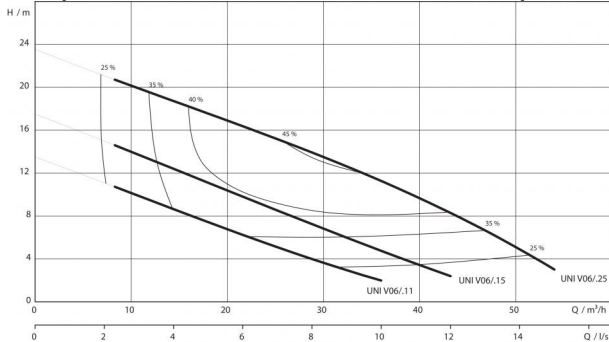


Data sheet: Rexa UNI V06/T15-540

Information for order placements	
Make	Wilo
Art no.	6082143
EAN number	4048482757940
Price group	PG7

Data sheet: Rexa UNI V06/T15-540/A

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	17.5 m
Max. volume flow Q_{max}	43.2 m ³ /h
Optimal delivery head H_{opt}	9.7 m
Optimum volume flow Q_{opt}	21.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	1.9 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	21.5 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	3.6 A
Rated power P_2	1.5 kW
Power consumption P_1	2.1 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,850 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetall
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

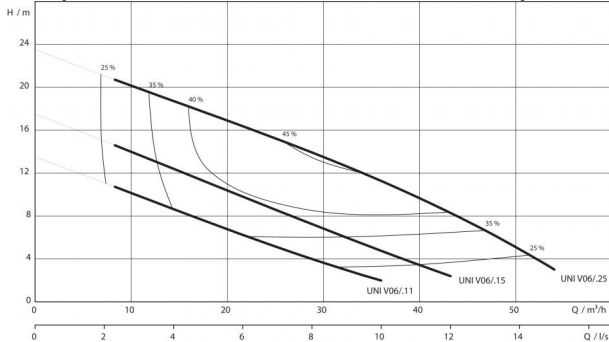


Data sheet: Rexa UNI V06/T15-540/A

Information for order placements	
Make	Wilo
Art no.	6082144
EAN number	4048482757957
Price group	PG7

Data sheet: Rexa UNI V06/T25-540

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	23.5 m
Max. volume flow Q_{max}	54.0 m ³ /h
Optimal delivery head H_{opt}	13.2 m
Optimum volume flow Q_{opt}	30.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	2.6 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	23.8 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	5.5 A
Rated power P_2	2.5 kW
Power consumption P_1	3.2 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,848 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	-

Equipment/function

Float switch	-
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]

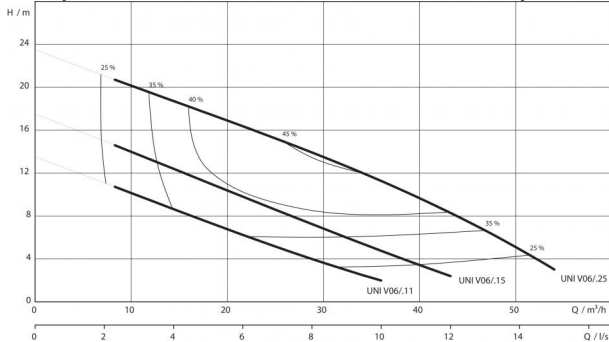


Data sheet: Rexa UNI V06/T25-540

Information for order placements	
Make	Wilo
Art no.	6082145
EAN number	4048482757964
Price group	PG7

Data sheet: Rexa UNI V06/T25-540/A

Pump curves Wilo-Rexa UNI V06.. - 50 Hz - No. of poles: 2



Pump curves acc. to ISO 9906, Appendix A. The specified degrees of efficiency correspond to the hydraulic efficiency.

Unit

Max. delivery head H_{max}	23.5 m
Max. volume flow Q_{max}	54.0 m ³ /h
Optimal delivery head H_{opt}	13.2 m
Optimum volume flow Q_{opt}	30.6 m ³ /h
Pressure connection	DN 50/65
Flanges (according to EN 1092-2) PN	PN 10
Connection standard	EN 1092-2
Maximum operating pressure p_{max}	2.6 bar
Free ball passage	44 mm
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min S3-10%
Max. immersion depth	7 m
Protection class	IP 68
Fluid temperature T	+3 ... +40 °C
Weight approx. m	26.1 kg

Motor data

Mains connection	3~400 V, 50 Hz
Rated current I_N	5.5 A
Rated power P_2	2.5 kW
Power consumption P_1	3.2 kW
Power factor $\cos \varphi$	0.84
Activation type	Direct
Rated speed n	2,848 rpm
No. of poles	2
Insulation class	F
Max. switching frequency	30 1/h
Permitted voltage tolerance	±10 %

Cable

Length of connecting cable	10 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Type of connecting cable	Detachable
Mains plug	CEE

Equipment/function

Float switch	•
Motor protection	Bimetal
Explosion protection	-

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	Carbon/steatite
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4401 [AISI316]



Data sheet: Rexa UNI V06/T25-540/A

Information for order placements

Make	Wilo
Art no.	6082146
EAN number	4048482757971
Price group	PG7