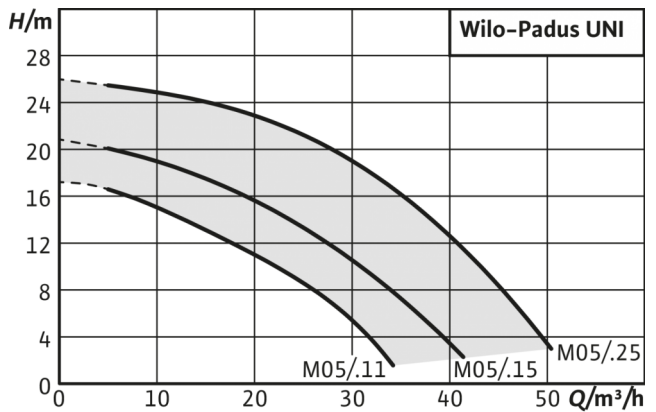


Series description: Wilo-Padus UNI

Wilo-Padus UNI



Wilo-Padus UNI



The flexible drainage pump for a diverse range of fluids.

The Wilo-Padus UNI is the ideal entry-level model for wastewater transport in small commercial buildings. The pump can be used flexibly as a portable device or in a pump chamber. Hydraulics made from corrosion-free composite material provide high levels of reliability for universal use in the pumping of a diverse range of fluids. Installation is made very simple due to its low weight, integrated capacitor and threaded connection. A double mechanical seal and the large sealing chamber facilitate long maintenance intervals. Direct access to the most important components make maintenance work very convenient. By utilising Wilo-Control switchgears, the Wilo-Padus UNI can also be integrated into existing building management systems.

Construction

Submersible drainage pump for intermittent operation for portable wet well installation

Application

Pumping of

- Sewage not containing faeces (EN 12050-2)
- Wastewater
- Fluids with a pH value of > 4.5
- Material version "B": Aggressive fluids, e.g. lake/sea water, condensate, distilled water

Equipment/function

- Winding temperature monitoring with bimetallic strip
- Ready-to-plug (versions A and P)
- Float switch (version A)
- Vertical float switch (version VA)

Scope of delivery

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

Your advantages

- Exceptional reliability owing to corrosion-free hydraulics for universal applications and various fluids
- Easy installation thanks to its low weight, integrated capacitor at the AC motor and threaded flange
- Optimum efficiency and high operational reliability owing to improved hydraulics
- Quick maintenance facilitated by direct access to the sealing chamber and pump housing
- Long maintenance intervals thanks to double mechanical seal and large volume sealing chamber
- Clog-proof thanks to the integrated strainer

Series description: Wilo-Padus UNI

Type key

Example:	Wilo-Padus UNI M05B/T15-540/A
Padus	Submersible drainage pump with centrifugal hydraulics
UNI	Series with copolymer hydraulics
M	Open multi-channel impeller
05	Nominal diameter of the pressure connection: G2
B	Material version
	<ul style="list-style-type: none">• None = standard version• B = V4A version
T	Mains connection version:
	M = 1~
	T = 3~
15	Value/10 = motor power P ₂ in kW
5	Frequency (5 = 50 Hz, 6 = 60 Hz)
40	Code for rated voltage
A	Additional electrical equipment:
	No supplement = With bare cable end
	P = with plug
	A = with float switch and plug
	VA = Vertical float switch and plug

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%
- Pressure connection: G2
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 – 40 °C, max. 60 °C for 3 min
- Free passage: 10 mm
- Cable length: 10 m

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: C/Cr
- Shaft end: Stainless steel 1.4401

In material version "B", all parts that come in contact with the fluid are made of stainless steel 1.4401 (AISI 316).

Description/construction

Submersible drainage pump as submersible monobloc unit for portable wet well installation.

Hydraulics

The outlets on the pressure side are designed as vertical threaded flange connections. Open multi-channel impellers are used as the impeller shape. A strainer is integrated at 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 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

Series description: Wilo-Padus UNI

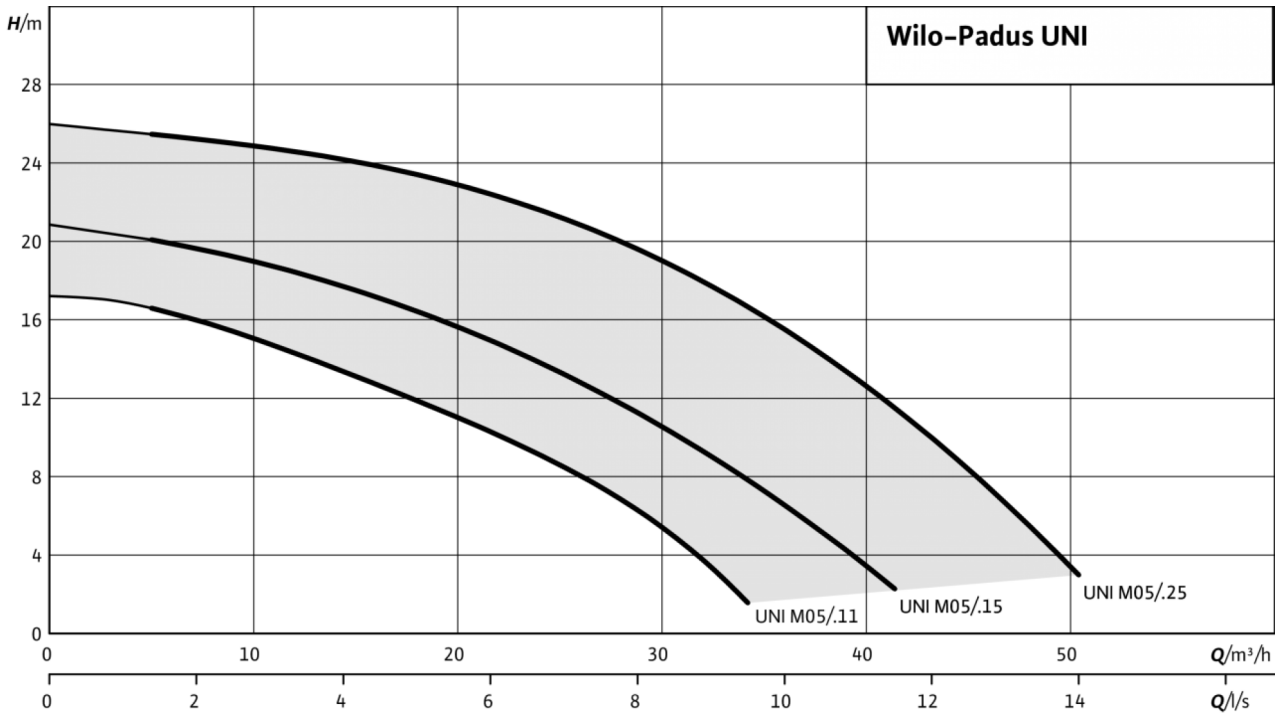
Description/construction

Pump with vertical float switch

The "VA" version is equipped with a vertical float switch. In this version, the switching level is preset by two floaters sitting on a threaded rod. It uses less space than conventional float switches and is perfect for use in tight manholes.

Duty chart: Wilo-Padus UNI

Wilo-Padus UNI



Product list: Wilo-Padus UNI

Product description	Article number
Padus UNI M05/M11-523/P	6084801
Padus UNI M05/M11-523/A	6084802
Padus UNI M05/M11-523/VA	6084803
Padus UNI M05/T11-540	6084804
Padus UNI M05/T11-540/A	6084805
Padus UNI M05/M15-523/P	6084806
Padus UNI M05/M15-523/A	6084807
Padus UNI M05/M15-523/VA	6084808
Padus UNI M05/T15-540	6084809
Padus UNI M05/T15-540/A	6084810
Padus UNI M05/T25-540	6084811
Padus UNI M05/T25-540/A	6084812
Padus UNI M05/T25-540 2"1/2 KIT	6084815
Padus UNI M05/T25-540/A 2"1/2 KIT	6084816
Padus UNI M05B/M11-523/A	6087664
Padus UNI M05B/T11-540	6087665
Padus UNI M05B/M15-523/A	6087666
Padus UNI M05B/T15-540	6087667
Padus UNI M05B/T25-540	6087669

Data sheet: Padus UNI M05/M11-523/P

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Shock-proof
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M11-523/P
EAN number	4048482857572
Article number	6084801
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.97
Rated power P_2	1.10 kW
Power consumption P_{1max}	1590.0 W
Rated current I_N	7.20 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2899 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/M11-523/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M11-523/A
EAN number	4048482857589
Article number	6084802
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.97
Rated power P_2	1.10 kW
Power consumption $P_{1 \max}$	1590.0 W
Rated current I_N	7.20 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2899 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/M11-523/VA

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Shock-proof
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M11-523/VA
EAN number	4048482857596
Article number	6084803
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.97
Rated power P_2	1.10 kW
Power consumption $P_{1\max}$	1590.0 W
Rated current I_N	7.20 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2899 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T11-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T11-540
EAN number	4048482858210
Article number	6084804
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.76
Rated power P_2	1.10 kW
Power consumption $P_{1\max}$	1500.0 W
Rated current I_N	2.90 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2893 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T11-540/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	CEE
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T11-540/A
EAN number	4048482858234
Article number	6084805
Net weight, approx. m	22 kg
Gross weight, approx. m	23.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.76
Rated power P_2	1.10 kW
Power consumption P_{1max}	1500.0 W
Rated current I_N	2.90 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2893 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/M15-523/P

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M15-523/P
EAN number	4048482858241
Article number	6084806
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.98
Rated power P_2	1.50 kW
Power consumption P_{1max}	2100.0 W
Rated current I_N	9.30 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2852 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/M15-523/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M15-523/A
EAN number	4048482858258
Article number	6084807
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.98
Rated power P_2	1.50 kW
Power consumption P_{1max}	2100.0 W
Rated current I_N	9.30 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2852 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/M15-523/VA

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/M15-523/VA
EAN number	4048482858265
Article number	6084808
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.98
Rated power P_2	1.50 kW
Power consumption P_{1max}	2100.0 W
Rated current I_N	9.30 A
Starting current I	29 A
Activation type	Direct online (DOL)
Rated speed n	2852 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T15-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T15-540
EAN number	4048482858272
Article number	6084809
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	1.50 kW
Power consumption $P_{1 \max}$	2100.0 W
Rated current I_N	3.60 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2850 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T15-540/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	CEE
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T15-540/A
EAN number	4048482858289
Article number	6084810
Net weight, approx. m	22 kg
Gross weight, approx. m	24.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	1.50 kW
Power consumption $P_{1 \max}$	2100.0 W
Rated current I_N	3.60 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2850 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T25-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T25-540
EAN number	4048482858296
Article number	6084811
Net weight, approx. m	24 kg
Gross weight, approx. m	26.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	2.50 kW
Power consumption $P_{1\max}$	3200.0 W
Rated current I_N	5.50 A
Starting current I	31 A
Activation type	Direct online (DOL)
Rated speed n	2848 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T25-540/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	CEE
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T25-540/A
EAN number	4048482858302
Article number	6084812
Net weight, approx. m	26 kg
Gross weight, approx. m	28.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	2.50 kW
Power consumption $P_{1 \max}$	3200.0 W
Rated current I_N	5.50 A
Starting current I	31 A
Activation type	Direct online (DOL)
Rated speed n	2848 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T25-540 2"1/2 KIT

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T25-540 2"1/2 KIT
EAN number	4048482857671
Article number	6084815
Net weight, approx. m	24 kg
Gross weight, approx. m	26.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	2.50 kW
Power consumption $P_{1\max}$	3200.0 W
Rated current I_N	5.50 A
Starting current I	31 A
Activation type	Direct online (DOL)
Rated speed n	2848 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05/T25-540/A 2"1/2 KIT

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	CEE
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Padus UNI M05/T25-540/A 2"1/2 KIT
EAN number	4048482857688
Article number	6084816
Net weight, approx. m	26 kg
Gross weight, approx. m	28.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	2.50 kW
Power consumption $P_{1\max}$	3200.0 W
Rated current I_N	5.50 A
Starting current I	31 A
Activation type	Direct online (DOL)
Rated speed n	2848 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05B/M11-523/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4401

Information for order placements

Brand	Wilo
Product description	Padus UNI M05B/M11-523/A
EAN number	4048482919539
Article number	6087664
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.97
Rated power P_2	1.10 kW
Power consumption $P_{1 \max}$	1600.0 W
Rated current I_N	7.20 A
Starting current I	28.6 A
Activation type	Direct online (DOL)
Rated speed n	2899 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05B/T11-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4401

Information for order placements

Brand	Wilo
Product description	Padus UNI M05B/T11-540
EAN number	4048482919522
Article number	6087665
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.76
Rated power P_2	1.10 kW
Power consumption $P_{1 \max}$	1500.0 W
Rated current I_N	2.90 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2893 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05B/M15-523/A

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	3G1 mm ²
Mains plug	Schuko
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4401

Information for order placements

Brand	Wilo
Product description	Padus UNI M05B/M15-523/A
EAN number	4048482919515
Article number	6087666
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.98
Rated power P_2	1.50 kW
Power consumption P_{1max}	2100.0 W
Rated current I_N	9.30 A
Starting current I	28.6 A
Activation type	Direct online (DOL)
Rated speed n	2852 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	yes
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05B/T15-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4401

Information for order placements

Brand	Wilo
Product description	Padus UNI M05B/T15-540
EAN number	4048482919508
Article number	6087667
Net weight, approx. m	19 kg
Gross weight, approx. m	21.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	1.50 kW
Power consumption $P_{1 \max}$	2100.0 W
Rated current I_N	3.60 A
Starting current I	20 A
Activation type	Direct online (DOL)
Rated speed n	2850 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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Data sheet: Padus UNI M05B/T25-540

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	7.00 m
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

Cable

Connection cable length	10.0 m
Cable type	H07RN-F
Cable cross-section	6G1 mm ²
Mains plug	no
Type of connection cable	Detachable

Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Sealing on pump side	QQPGG
Sealing on motor side	BXPFF
Gasket material	NBR
Motor housing	1.4401

Information for order placements

Brand	Wilo
Product description	Padus UNI M05B/T25-540
EAN number	4048482919492
Article number	6087669
Net weight, approx. m	24 kg
Gross weight, approx. m	26.0 kg
Length with packaging	400 mm
Height with packaging	800 mm
Width with packaging	300 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0.84
Rated power P_2	2.50 kW
Power consumption $P_{1\max}$	3200.0 W
Rated current I_N	5.50 A
Starting current I	31 A
Activation type	Direct online (DOL)
Rated speed n	2848 rpm
Max. switching frequency t	30 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S2-15 min

Equipment/function

Float switch	no
Explosion protection type	no
Motor protection	Bimetallic

Installation dimensions

Pipe connection on the pressure side <i>DNd</i>	G 2
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