

Pioneering for You

wilo

# Building Service Residential Selection Booklet

WILO BRINGS  
THE FUTURE.



# Wilo

## *Cutting-edge technology and strong customer loyalty.*

Wilo is one of the world's leading manufacturers of pumps and pump systems for heating, cooling and air-conditioning technology as well as water supply and sewage disposal. Ever since our formation in 1872, we have concentrated on researching, developing and producing new technologies. Our aim to offer customers all over the world excellent-quality products, top efficiency and maximum service lives combined with simple installation and operation, has made us an internationally renowned innovative leader for high-tech pumps, boasting 15 production sites, over 60 subsidiaries and about 7,500 employees in 50 countries. Everyone working at Wilo aspires to provide the ultimate in service. Ever smaller, more efficient, quieter, more intelligent, more durable and simpler are the key factors when it comes to the development, production and operation of our pumps and systems. We offer an extensive range of products, covering everything from decentralised pump systems for single-family houses right up to large cooling water pumps for power stations. Aside from developing world-class technology, a lot of attention also needs to be paid to our customers so that we can assert and expand our leading position on the German and international markets. This is why we continuously strive to make our customers' lives significantly easier and more efficient through our products and all-in-one solutions. Our "Pioneering for You" claim underlines this.



# Building Service Residential

at a glance:

## Contents

Hot water circulator – Star Z TT /Star	1-2
Hot water circulator control panel – RLTC/DTC	3
Inline pressure booster – PB/PW	4
Self-priming pressure booster system (SS body) – FWJ/HWJ	5
Multistage pressure booster system with Hydropneumatic tank & Fluid controller (SS impeller) – HMHIL/FMHIL	6
Multistage pressure booster system with VFD (SS impeller) – VMHIL/VMHI	7
Horizontal twin pump booster (SS impeller) – MHIL/MHI – BC	8
Self-priming Jet pump (SS body) – WJ	9
Multistage pumpset (SS impeller) – MHIL	10
Multistage pumpset (SS impeller) – MHI	11
Multistage Submersible pumpset (SS) – TWI5	12
De-watering (Polypropylene) pump – TMW/PD	13
Wilo-Initial Drain & Waste	14
De-watering pump – FAS/FAC	15
Sewage pumpset – STS/PDV/TC	16
Cutter pumpset – Rexa /MTC	17
Self-priming Mini pumpset – WPMini / Wilo Crown	18
Self-priming High suction pumpset – WHS C / WHS V / WHS S / WHS M	19-21
Monoblock pumpset- 1 Phase – WMB / MPMS	22
Monoblock pumpset- 3 Phase – MPM	23-24
Self-priming Non-Clog pump & pumpset – MNC (Monoblock pumpset)	25
Self-priming Non-Clog pump & pumpset – MNC (Motor coupled pumpset)	25
Self-priming Non-Clog pump & pumpset – MNC (Engine coupled pumpset)	25
Horizontal Open well Submersible pumpset- 1 Phase – WPO / WPO Maxima	26
Horizontal Open well Submersible pumpset- 3 Phase – MPO	27-28
Borewell submersible pumpset (75 mm) – WBW3 – (Water filled)	29
Borewell submersible pumpset (100 mm) – WBW4 – (Water filled)	30-33
Control Panel for Borewell submersible pumpset (WBW4)	34
Borewell submersible pumpset (125 mm) – WBW5 – (Water filled)	35
Borewell submersible pumpset (150 mm) – WBW6 – (Water filled)	36-37
Borewell submersible pumpset (175 mm) – WBW7 – (Water filled)	38
Borewell submersible pumpset (200 mm) – WBW8 – (Water filled)	39

## STAR Z TT

### Hot water circulator



#### Technical Data:

**Flow:** 5 LPM  
**Head:** 1.1 m

#### Application:

Taps and showers for  
 • Residential buildings  
 • Commercial buildings  
 • Small hospitals

#### Standard Features:

- Brass housing pump with integrated timer and temperature control
- 3 programmable switch-on and switch-off times
- Plug n Play “Red button technology press and turn”
- Display with symbolic language
- In built NRV and ball shit off valve
- Silent operation
- Energey efficient and user friendly operating concept
- Maintenance free
- Std. thermal insulation shell
- Rp ½ inner thread for easy installation
- Integrated temperature sensor to detect return line temperature
- Anti blocking function

## Star RS 15/6, RS 25/6, RS 25/8

Hot water circulator



### Technical Data:

**Flow:** upto 100 LPM  
**Head:** upto 8 m

### Application:

- Ⓐ Solar System, Heat Pumps system
- Ⓑ Industrial use
- Ⓒ Cold water systems & air-condition system

### Standard Features:

- Wet motor pump
- Low power consumption
- 3 pre-selectable speed stage for power adjustment
- Terminal box position rotatable 3h; 6h; 9h; 12h
- Electrical connection possible on both sides of the terminal box

### Selection Table

Specifications	Star Z 15 TT	RS 15/6	RS 25/6	Rs 25/8
Power Source	230 volts, single phase, 50 hz		230 volts, single phase, 50 hz	
Fluid temperature	20°C to 65°C		-10°C to 110°C	
Total Head (m) High/Med/Low	1.5 / 3.0 / 5.0	6/5/4	6/5/4	7.5/7/5
Max Flow (LPM) High/Med/Low	0.85 / 0.60 / 0.40	64/48/40	64/48/40	90/60/40
Inlet (mm)		15	25	25
Outlet (mm)		15	25	25
O/P Power P2 (W)	2 W	39	39	37
Protection class		IP 42	IP 42	IP 42
Max pressure			10 bar	
Casing	Brass		Cast Iron	
Impeller			Plastic	
Shaft			Stainless Steel	
Weight (kg)	2.1	2.1	2.4	3.8

**Conversion Table:** 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

## RLTC

Return Line Temperature Controller



### Standard Features :

- Hot water circulator pump
- Wall Mounted IP 54 Enclosures
- Input Power Supply 230VAC±10%, 50Hz 5A
- Out Put Power Supply SPDT 230VAC, 10A resistive
- Ambient Temperature 0 to 40°C
- Relative Humidity 95% non-condensing
- Auto-Off-Manual Switch
- Temperature controller with 7 Segment digital display and keys
- Thermocouple digital sensor
- Programmable Real time digital timer with LCD display

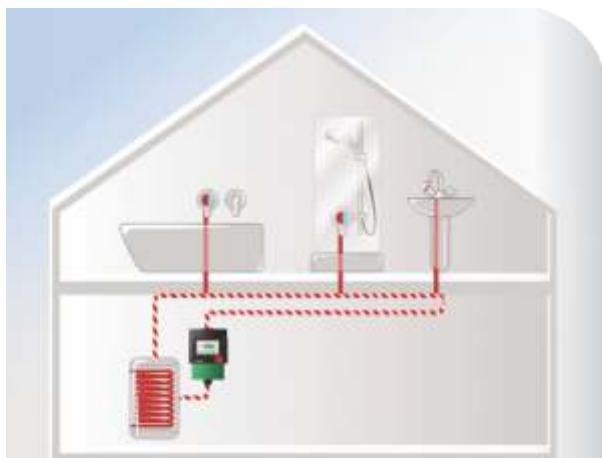
## DTC

Differential Temperature Controller



### Standard Features :

- Wall mounted IP 54 enclosures
- Input Power Supply 230VAC±10%, 50Hz
- Out Put Power Supply SPDT 230VAC, 10A max resistive
- Ambient Temperature 0 to 40°C
- Relative Humidity 85% non-condensing
- Auto-Off-Manual Switch
- Differential Temperature controller with 7 Segment digital display and keys
- Two Thermocouple/NTC Sensors
- Programmable Real time digital timer with LCD display (only in advanced version)



### Application :

- Specially designed for automatic control of instant hot water in solar application for:
  - Bungalows & Villas
  - Apartment
  - Farm house
  - Hotels
  - Hostels
  - Hospitals
- Hot water circulation in heat pumps system and other systems
- Hot water circulation in industrial use

**PB****Inline pressure booster**

**Technical Data:**  
**Flow:** upto 80 LPM  
**Head:** upto 19 m  
**Power:** upto 400 Watt  
Available in 1 Ph

**Application:**

- ④ Pressure boosting water transfer from roof tank to tap
- ④ Silent operation

**Standard Features:**

- Automatic/manual operation
- Easy to carry, install and operate Motor built with Thermal Protector for safety
- Rust-proof casting by electric coating

**Selection Table**

Pump Model	Power Rating		LPM	0	5	10	15	20	25	30	35	40	45	50	55	60	65
	kW	HP		Head (m)	10	9	8	7	6	5	4	1					
PB88	0.08	0.10															
PB200	0.20	0.27															
PB400	0.40	0.54															

**PW****Peripheral inline booster**

**Technical Data:**  
**Flow:** 40 LPM  
**Head:** 45 mts

**Application:**

- ④ Boosting water pressure at taps and showers
- ④ Water supply for household use
- ④ Water transfer for small machines and instruments
- ④ Sprinkler systems
- ④ Gardening and car washing

**Standard Features:**

- Self priming function
- Automatic operation
- Thermal protector to avoid motor burn out
- Efficient cooling for motor by specially designed cooling fan
- Easy to carry, install and operate

**Selection Table**

Pump Model	Power Rating		LPM	0	5	10	15	20	25	30	35	40	45
	kW	HP		Head (m)	39	37	35	30	25	20	12	4	1
PW122	0.18	0.25											
PW175	0.18	0.25	Total Head	35	33	30	27	27	18	12	6		
PW252	0.25	0.50	Total Head	43	39	35	31	26	22	18	13	9	4

Conversion Table: 1 m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM

## FWJ / HWJ

### Single pump booster (SS Impeller)



#### Technical Data:

**Flow:** upto 80 LPM

**Head:** upto 46 m

**Voltage:** 1 ~ 230 V, 50 Hz.

#### Application:

Water transfer in

② Bungalows / farm houses

② Apartments / hostels

#### Standard Features:

- Stainless steel pump body
- Stainless steel impeller
- Available with hydro pneumatic tank / electronic control for automatic operation
- High efficient motor suitable for wide voltage fluctuations
- Anti rust material
- Component parts insensitive to corrosion
- Easy to carry, install and operate

#### Selection Table

Pump Model	Power Rating		Connection		Flow Range m³/hr	Head Range m	Pressure Range bar
	kW	HP	Suction	Discharge			
F/H WJ201	0.37	0.5	1"	1"	0.6 - 3.0	26 - 12	1.2 - 2.0
F/H WJ202	0.60	0.8	1"	1"	0.3 - 4.3	34 - 10	1.2 - 2.5
F/H WJ203	0.75	1.0	1"	1"	0.5 - 4.6	38 - 10	1.5 - 3.0
F/H WJ204	1.10	1.5	1"	1"	0.6 - 4.7	44 - 18	1.5 - 4.0

Technical Specifications of single pump boosters FWJ/HWJ are with fluid control / pressure switch and tank

## HMHIL / FMHIL

### Single pump booster (SS Impeller)



#### Technical Data:

**Flow:** upto 215 LPM  
**Head:** upto 62 m  
**Voltage:** 1 ~ 230 V, 50 Hz.

#### Application:

Water transfer in  
 • Bungalows / farm houses  
 • Apartments / hostels  
 • Silent in Operation

#### Standard Features:

- Stainless steel impeller
- Wetted parts made up of stainless steel
- Available with hydro pneumatic tank / electronic control for automatic operation
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Easy to carry, install and operate

#### Selection Table

Pump Model	Motor Rate Power		Connection		Flow Range m³/hr	Head Range m	Pressure Range bar
	kW	HP	Suction	Discharge			
F/H MHIL 102-EM-20	0.37	0.50	1"	1"	0.5 - 3	18.4 - 07.9	1.2 - 1.8
F/H MHIL 103-EM-20	0.37	0.50	1"	1"	0.5 - 3	27.1 - 12.2	1.8 - 2.8
F/H MHIL 104-EM-20	0.55	0.75	1"	1"	0.5 - 3	36.9 - 16.1	2.2 - 3.5
F/H MHIL 105-EM-20	0.55	0.75	1"	1"	0.5 - 3	46.7 - 18.9	2.8 - 4.2
F/H MHIL 106-EM-20	0.55	0.75	1"	1"	0.5 - 3	56.5 - 21.7	3.2 - 4.5
F/H MHIL 302-EM-20	0.37	0.50	1"	1"	0.4 - 5	21.5 - 06.3	1.2 - 1.8
F/H MHIL 303-EM-20	0.55	0.75	1"	1"	0.4 - 5	31.7 - 08.9	1.8 - 2.8
F/H MHIL 304-EM-20	0.55	0.75	1"	1"	0.4 - 5	42.0 - 11.0	2.2 - 3.5
F/H MHIL 305-EM-20	0.75	1.00	1"	1"	0.4 - 5	52.3 - 14.3	2.8 - 4.2
F/H MHIL 306-EM-20	1.10	1.50	1"	1"	0.4 - 5	64.6 - 20.6	3.2 - 4.5
F/H MHIL 502-EM-20	0.55	0.75	1¼"	1"	0.5 - 8	21.5 - 07.2	1.2 - 1.8
F/H MHIL 503-EM-20	0.55	0.75	1¼"	1"	0.5 - 8	31.4 - 07.8	1.8 - 2.8
F/H MHIL 504-EM-20	0.75	1.00	1¼"	1"	0.5 - 8	42.5 - 12.0	2.2 - 3.5
HMHIL 505-EM-20	1.10	1.50	1¼"	1"	0.5 - 8	55.2 - 19.6	2.8 - 4.2
HMHIL 506-EM-20	1.50	2.00	1¼"	1"	0.5 - 8	67.5 - 25.0	3.2 - 4.5
HMHIL 902-EM-20	0.75	1.00	1½"	1¼"	0.8 - 13	21.4 - 09.8	1.2 - 1.8
HMHIL 903-EM-20	1.10	1.50	1½"	1¼"	0.8 - 13	33.2 - 15.2	1.8 - 2.8
H MHIL 904-EM-20	1.50	2.00	1½"	1¼"	0.8 - 13	45.2 - 20.8	2.2 - 3.5

Technical Specifications of single pump boosters FMHIL/HMHIL are with fluid control / pressure switch and tank

## VMHIL / VMHI

### Multistage pressure booster system with VFD (SS impeller)



#### Technical Data:

**Flow:** upto  $10 \text{ m}^3/\text{hr}$   
**Head:** upto 65 m

#### Application:

The pressure boosting pump with variable frequency drive is used to maintain the constant pressure in water supplies of

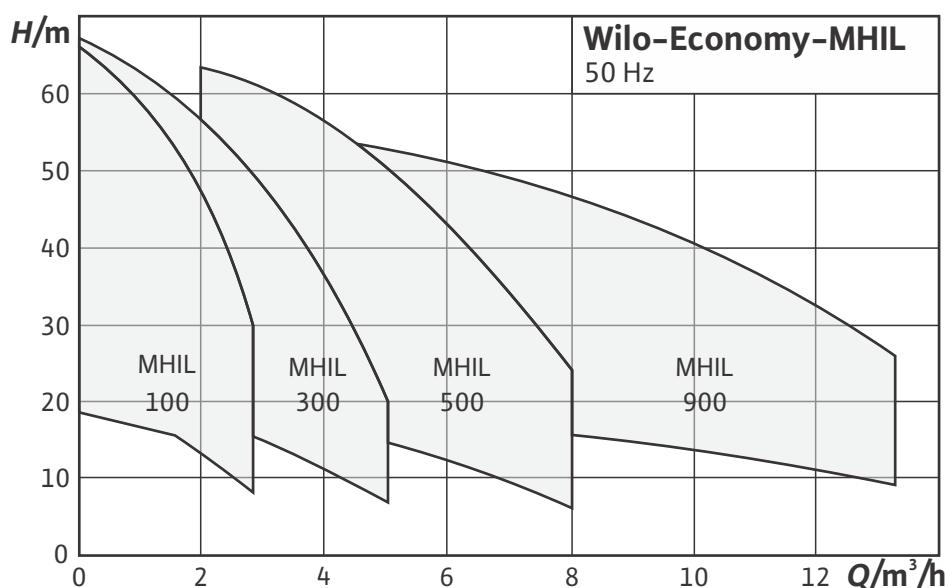
- ④ Residential buildings
- ④ Hotels
- ④ Hospitals
- ④ Water supply and distribution from a sump or a tank

#### Standard Features:

- Horizontal multistage stainless steel centrifugal pump with electric motor.
- Non return brass valve on delivery.
- Five way connector on delivery line.
- Pressure Transmitter and Pressure Gauge.
- Pump and Panel Mounting Base Plate.
- Factory assembled system supplied with pressure tank for ready to use.
- Control Panel with Built in VFD, built in PLC and PID functions for pumping application.
- VFD communication through RS 485 Modbus communication through RJ 45 Connector for BMS.
- Built in over voltage, under voltage, short circuit motor overload and dry run protection with float.

#### Selection Table

Refer Page No. 10 for MHIL / Page No. 11 for MHI



## MHIL / MHI - BC

Horizontal twin pump booster (SS impeller)



**Technical Data:**  
**Flow:** upto 430 LPM  
**Head:** upto 65 m

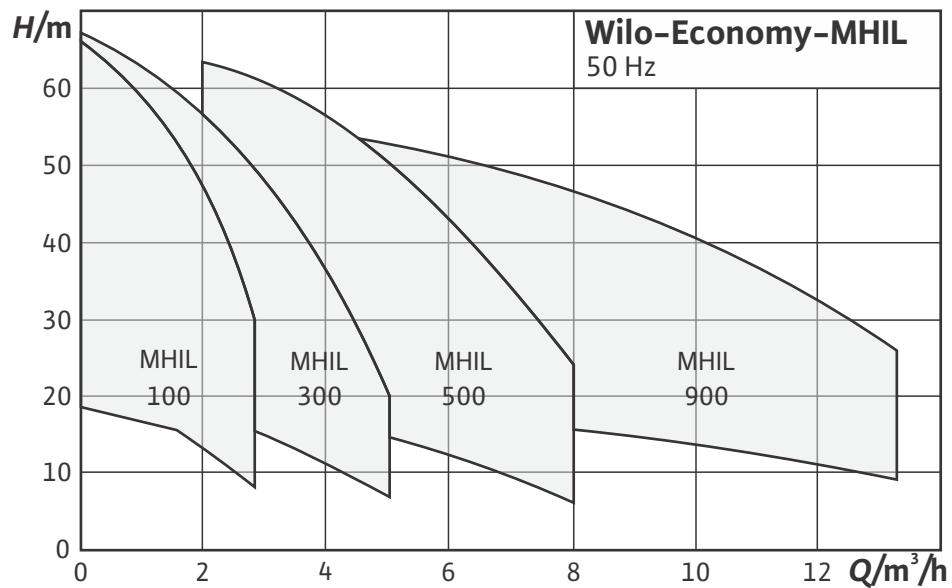
**Application:**  
 Pressure boosting in  
 • Bungalows  
 • Farm houses  
 • Apartments and  
 • Hotels

### Standard Features:

- Horizontal multistage stainless steel centrifugal pump with electric motor
- Factory assembled system along with control panel supplied for ready to use
- Automatic pump cascading and alteration
- Built in over voltage, under voltage, short circuit motor overload and dry run protection with float
- Easy to install and operate

### Selection Table

Refer Page No. 10 for MHIL / Page No. 11 for MHI



**WJ****Self-priming Jet pump (SS body)****Technical Data:**

**Flow:** upto 83 LPM  
**Head:** upto 50 m  
 Available in single and three phase

**Application:**

- ④ Pumping water from wells
- ④ Filling, pumping empty, transferring by pumping, irrigation and sprinkling
- ④ As emergency pump for overflows farms.

**Standard Features:**

- Stainless steel pump body
- Stainless steel impeller
- High efficient motor suitable for wide voltage fluctuations
- Anti rust material
- Component parts insensitive to corrosion
- Easy to carry, install and operate

**Selection Table**

Pump Model	Power Rating		Head (m)													
	kW	HP	10	12	14	18	20	22	24	26	30	34	38	42	44	
WJ201	0.37	0.5			50	46	34	25	20	17	10					
WJ202	0.60	0.8		72	68	62	48	40	36	30	24	14	5			
WJ203	0.75	1.0			76	74	72	65	60	56	45	40	28	18	8	
WJ204	1.10	1.5	Discharge in LPM				78	76	72	68	64	48	32	22	13	10

**MHIL****Multistage pumpset (SS impeller)****Technical Data:****Flow:** Up to 58 LPM / 13 m<sup>3</sup>/hr**Head:** Up to 68 m**Temp.:** -15°C to +90°C**Max. Operating Pressure:** 10 bar**Max. Inlet pressure:** 6 bar

Available in single and three phase

**Application:**

Water supply and pressure boosting

④ Commerce and industry

④ Washing and spraying systems

④ Rainwater utilisation

④ Cooling and cold water circuits

**Standard Features:**

- Stainless steel impeller
- Wetted parts made up of stainless steel
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Easy to carry, install and operate

**Selection Table**

Pump Model	Power Rating		LPM m <sup>3</sup> /hr	0	8	17	25	33	42	50	58
	kW	HP		0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5
MHIL102	0.37	0.50		20	19	18	16	14	11	8	8
MHIL103	0.37	0.50		29	27	26	24	21	17	13	13
MHIL104	0.55	0.75		39	38	35	32	28	23	16	16
MHIL105	0.55	0.75		50	47	44	40	34	28	20	20
MHIL106	0.55	0.75		61	57	53	47	40	32	22	22
MHIL107	0.55	0.75		67	64	59	53	45	35	24	24

Pipe size – Suction/Delivery – 1" (25 mm)

Pump Model	Power Rating		LPM m <sup>3</sup> /hr	0	17	33	50	67	83	100	100
	kW	HP		0.0	1.0	2.0	3.0	4.0	5.0	6.0	6.0
MHIL302	0.37	0.50		22	21	19	15	11	6	1	1
MHIL303	0.55	0.75		33	32	27	22	16	9	1	1
MHIL304	0.55	0.75		43	40	35	28	21	11	1	1
MHIL305	0.75	1.00		55	50	44	36	26	14	2	2
MHIL306	1.10	1.50		67	62	56	47	36	21	3	3

Pipe size – Suction/Delivery – 1" (25 mm)

Pump Model	Power Rating		LPM m <sup>3</sup> /hr	0	17	33	50	67	83	100	117	133	150
	kW	HP		0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
MHIL502	0.55	0.75		22	21	20	19	17	15	13	10	7	4
MHIL503	0.55	0.75		32	31	29	27	24	21	17	13	8	2
MHIL504	0.75	1.00		44	42	40	37	34	29	25	19	12	5
MHIL505	1.10	1.50		56	54	52	49	46	41	35	28	19	8
MHIL506	1.10	1.50		68	67	64	61	56	51	44	36	25	12

Pipe size – Suction – 1 1/4" (32 mm) &amp; Delivery – 1 " (25 mm)

Pump Model	Power Rating		LPM m <sup>3</sup> /hr	0	33	67	100	133	150	167	183	200	217
	kW	HP		0	2	4	6	8	9	10	11	12	13
MHIL902	0.75	1.00		22	21	20	18	16	15	14	13	11	10
MHIL903	1.10	1.50		34	33	31	29	27	25	23	21	18	15
MHIL904	1.10	1.50		46	44	42	40	36	33	31	28	25	21
MHIL905	2.20	3.00		58	57	55	51	47	45	41	38	33	27

Pipe size – Suction – 1 1/2" (38 mm) &amp; Delivery – 1 1/4" (32 mm)

**MHI****Multistage pumpset (SS impeller)****Technical Data:****Flow:** upto 83 LPM**Head:** upto 70 m**Temp.:** -15°C to +90°CMax.**Operating Pressure:** 10 bar**Max. Inlet pressure:** 6 bar

Available in single and three phase

**Application:**

④ Pumping water from wells

④ Filling, pumping empty, transferring by pumping, irrigation and sprinkling

④ As emergency pump for overflows.

**Standard Features:**

- All pump components made up of stainless steel
- High efficient motor suitable for wide voltage fluctuations
- Silent in operation
- Light and compact construction

**Selection Table**

Pump Model	Power Rating kW	Power Rating HP	LPM m³/hr	0	16	25	33	50	67	83	96
MHI202	0.55	0.75		22	21	20	18	15	11	6	1
MHI203	0.55	0.75	Head (m)	32	30	28	26	21	15	8	1
MHI204	0.55	0.75	Head (m)	43	41	38	36	29	22	13	4
MHI205	0.75	1.00	Head (m)	56	55	52	49	42	33	23	10
MHI206	1.10	1.50		68	65	62	58	49	38	24	10

Pipe size – Suction/Delivery – 1" (25 mm)

Pump Model	Power Rating kW	Power Rating HP	LPM m³/hr	0	17	33	50	67	83	100	117	133	147
MHI402	0.55	0.75		22	21	20	19	17	15	12	9	4	0
MHI403	0.55	0.75	Head (m)	34	33	31	29	26	23	19	14	8	2
MHI404	0.75	1.00	Head (m)	45	44	42	39	35	31	26	19	11	2
MHI405	1.10	1.50	Head (m)	57	56	54	51	47	42	36	27	17	7
MHI406	1.50	2.00		69	68	65	61	57	51	44	34	22	8

Pipe size – Suction- 1 1/4" (32 mm) &amp; Delivery – 1 " (25 mm)

Pump Model	Power Rating kW	Power Rating HP	LPM m³/hr	0	33	67	100	133	167	200	218	233
MHI802	0.75	1.00		24	23	21	20	18	15	11	8	6
MHI803	1.10	1.50	Head (m)	36	35	34	31	28	23	18	15	12
MHI804	1.50	2.00	Head (m)	48	47	44	42	38	32	24	19	15
MHI805	1.85	2.50		60	58	55	51	46	39	30	25	19

Pipe size – Suction – 1 1/2" (38 mm) &amp; Delivery – 1 1/4" (32 mm)

Pump Model	Power Rating kW	Power Rating HP	LPM m³/hr	0	83	166	250	333	416	450
MHI1602	1.50	2.20	Head (m)	24	22	21	18	14	6	3
MHI1603	1.85	2.50	Head (m)	36	34	31	27	21	11	6
MHI1604	2.50	3.40	Head (m)	48	46	42	36	28	15	9

Pipe size – Suction – 2" (50 mm) &amp; Delivery – 1 1/2" (38 mm)

**Conversion Table:** 1 m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM

## TWI 5

### Multistage Submersible pumpset (SS)



#### Technical Data:

**Flow:** upto 266 LPM  
**Head:** upto 88 m  
 TWI3 & TWI5 - 1 Ph &  
 TWI9 - 1 Ph & 3 Ph

#### Application:

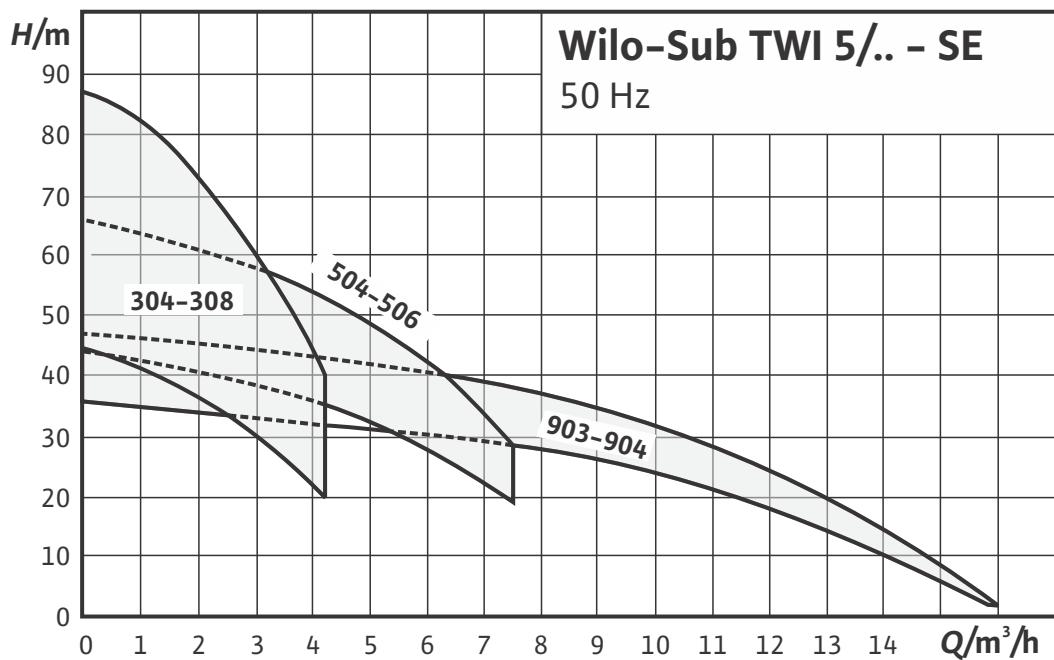
Pumping clear water from  

- Ⓐ Well
- Ⓐ Rainwater storage tanks and vessels
- Ⓐ Irrigation, sprinkling and pumping out clear water
- Ⓐ Water supply
- Ⓐ Rainwater utilisation

#### Standard Features:

- Easy installation and commissioning thanks to ready-to-plug delivery including all accessories
- Thermal motor protection
- Pump (housing, stages, impellers) made entirely of stainless steel
- The self-cooling motor also enables the provision outside the water

#### Selection Table



## TMW

### De-watering (Polypropylene) pump



**Technical Data:**  
**Flow:** upto 220 LPM  
**Head:** upto 10 m  
**Solid passage:** upto 10 mm

#### Application:

- ④ Dewatering of waste water in basements, sumps, bungalows
- ④ Flood control
- ④ Dewatering at construction sites.

#### Standard Features:

- Constantly clean pump sump due to patented integrated turbulator (TMW)
- Minimal residual water level of 2 mm (TMR)
- For aggressive fluids (HD version)
- With float switch (A version)
- Incl. hose connection and 10 m cable

## PD 300

### De-watering (Polypropylene) pump



**Technical Data:**  
**Flow:** upto 160 LPM  
**Head:** upto 7.5 m

#### Application:

- ④ Clean public bath, water tanks
- ④ Building basement, drainage of handy sewage facility
- ④ Drainage to prevent flooding for small places

#### Standard Features:

- Lower residual water level
- Smaller motor size
- Auto control by pressure sensor
- Anti rust material
- Component parts insensitive to corrosion

#### Selection Table

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm)	Free passage (mm)	Total Head (m)									
	kW	HP					Del.									
							0	2	3	4	5	6	7	8	9	
PD 300	0.37	0.50	1	2800	32	10										
TMW 32/11	0.55	0.75	1	2800	32	10	Discharge in LPM	240	215	200	180	165	150	120	100	70

Conversion Table: 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

## Wilo-Initial Drain & Waste

### Submersible (Polypropylene) Pump



**Technical Data:**  
**Flow:** upto 235 LPM  
**Head:** upto 8 mts  
**P2:** upto 0.75 kW (1hp)  
**Voltage:** 230 V  
**Phase:** Single  
**Max. immersion depth:** 5 m

**Application:**  
 ④ drainage of clear or slightly dirty water, for domestic use  
 ④ lifting of waste water even with suspended solids, for domestic use

**Material of Construction:**  
**Pump housing:** PP  
**Impeller:** PA6 GF30  
**Shaft:** AISI 416  
**Motor housing:** Fe 370 Galvanized

#### Standard Features:

- Pump installation in vertical position with horizontal delivery port.
- Pumps are delivered with elbow for vertical delivery port.
- Pressure Port: G1"1/2
- Cable length: 10m
- Protection class IP68 (up to 5 meters immersed)
- Temperature range: +5 to +35°C
- Maximum number of starts per hour: 60
- Density of the fluid: 1 to 1.06
- PH of the fluid: 6 to 8
- Minimum pumping level: Drain/Waste – 20 mm / 40 mm
- No non return valve

#### Selection Table

Pump Model	Power Rating		Free passage (mm)	Discharge in LPM	Total Head (m)							
	kW	HP			2	3	4	5	6	7	8	
Initial Drain 10.7	0.37	0.50	5	200	185	170	115	100	50			
Initial Waste 14.9	0.75	1.00	20	235	200	185	150	100	70			

## FAS / FAC

### De-watering pump



#### Technical Data:

**Flow:** upto 1700 LPM

**Head:** upto 30 m

**Solid passage:** upto 56 mm

#### Application:

④ Dewatering from residential buildings

④ Commercial buildings

④ Industry

④ Hospitals

#### Material of construction:

**Pump body:** Cast Iron

**Impeller:** Cast Iron

**Motor body:** Stainless Steel

#### Standard Features:

- Attached float switch (A-model) enables easy operation
- Robust high efficiency motor
- Stainless steel motor body with IP 68 protection
- AC thermal motor protection
- Integrated motor control for current overload and high temperature
- Easy to carry and handle

#### Selection Table

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm)	Solid passage (mm)	Total Head (m)							
	kW	HP					3	5	8	10	15	20	25	30
FAS 50/15	0.75	1.0	1/3	2800	50	10	330	300	235	180	20			
FAS 80/21	1.5	2.0	1/3	2800	80	11	680	630	530	480	300	100		
FAS 50/30	2.2	3.0	1/3	2800	50	11		525	480	465	380	300	190	25
FAS 80/26	2.2	3.0	1/3	2800	80	11	765	740	640	570	445	270		
FAS 100/21	2.2	3.0	1/3	2800	100	11	1000	920	780	690	400	100		

Pump Model	Power Rating		Phase	Sync. Speed (rpm)	Pipe Size (mm)	Solid passage (mm)	Total Head (m)															
	kW	HP					7	8	9	10	12	13	14	15	16	18	20	22	24	26	28	30
FAC 80F/24.66/37*	3.70	5.0	3	2800	80	56	950	910	860	820	750	700	650	600	550	350	200	100				
FAC 80/28 F	3.70	5.0	3	2800	80	15	1250	1200	1170	1110	1050	1000	950	900	850	750	650	500	350	200		
FAC 100/33 F	5.50	7.5	3	2800	100	15	1550	1500	1475	1450	1400	1350	1300	1200	1150	1075	1000	900	800	700	600	400

\* FAC 80 & 100 – Motor housing is in cast iron

## STS/PDV/TC

### Sewage pump



#### Technical Data:

**Flow:** upto 1500 LPM  
**Head:** upto 32 m  
**Solid passage:** upto 35 mm

#### Application:

- Ⓐ Sewage disposal from residential buildings
- Ⓐ Commercial buildings
- Ⓐ Industry
- Ⓐ Small hospitals

#### Material of construction:

**Pump body:** Cast Iron  
**Impeller:** Cast Iron  
**Motor body:** Stainless Steel

#### Standard Features:

- Attached float switch (A-model) enables easy operation
- Robust pump with high efficiency
- Dry motor construction with sealing chamber
- Stainless steel motor body with IP 68 protection
- AC thermal motor protection
- Integrated motor control for current overload and high temperature
- Easy to carry and handle

#### Selection Table

Pump Model	Power Rating		Solid passage (mm)	Total Head (m)													
	kW	HP		3	4	5	6	7	8	9	10	12	13	14	15	16	17
TC 40/10*	0.60	0.8	-	255	230	200	170	140	100	50							
PDV-S750*	0.75	1.0	-	300	270	240	200	160	120	80	20						
STS 50/10	0.37	0.5	35	280	240	210	170	130	100	50							
STS 50/11	0.37	0.5	35	190	170	160	150	130	110	100	60						
STS 80/12	0.75	1.0	30	500	440	370	325	270	230	170	100	100					
STS 50/13	0.75	1.0	35	350	325	300	270	225	200	175	125	100	50				
STS 50/15	0.75	1.0	26		400	340	320	270	255	225	200	350	270	230	200	150	
STS 80/18	1.50	2.0	32		700	650	600	550	490	470	450	470	400	350	300	200	100
STS 80/20	2.20	3.0	35		900	850	800	750	670	620	600						

Discharge in LPM

\* TC 40/10 – Impeller is made up of resin

\* PDV-S750 – Impeller is made up of stainless steel

## Rexa/MTC

### Cutter pumpset



#### Technical Data:

**Flow:** upto 358 LPM  
**Head:** upto 39 m  
**Power:** upto 3.9 kW (5hp)  
**Voltage:** 230 V / 400 V  
**Phase:** Single / Three  
**Max. immersion depth:** 20 m

#### Application:

Pumping of:

- ④ Sewage containing faeces
- ④ Pre-cleaned sewage without faeces and long fibre components
- ④ Wasterwater

#### Standard Features:

- High reliability through ATEX approval and longitudinally watertight cable inlet (CUT GE...)
- High operational reliability through spherically-formed macerator with pulling cut
- Long service life through a high-quality motor seal with two independent mechanical seals and optional pencil electrode for sealing chamber control

#### Selection Table

Pump Model	Power Rating		Pressure Connection	Total Head (m)									
	kW	HP		2	4	8	12	14	16	20	24	28	36
Drain MTC40 F 16.15/7/1-230-50	0.70	1.0	Rp 1½/DN 40	233	217	183	133	85					
Drain MTC40 F 16.15/7/3-400-50	0.70	1.0	Rp 1½/DN 40	233	217	183	133	85					
Drain MTC32 F 39.16/30/3-400-50-2	3.40	4.6	DN 32							267	233	167	83
Rexa CUT GI03.26/S-T15-2-540	1.50	2.0	DN 32/40, Rp 1¼	333	317	267	200	160	133	67	25		
Rexa CUT GI03.26/S-M15-2-523/P	1.50	2.0	DN 32/40, Rp 1¼	333	317	267	200	160	133	67	25		
Rexa CUT GE03.25/P-T25-2-540X	2.50	3.4	DN 32/40, Rp 1¼	350	333	300	250	220	183	117	33		
Rexa CUT GE03.34/P-T39-2-540X	3.90	5.2	DN 32/40, Rp 1¼						317	283	233	133	50

Flow in LPM

## WPMINI / Wilo Crown

### Self-priming mini pumpset



#### Technical Data:

**Flow:** upto 63 LPM  
**Head:** upto 45 m  
**Power:** upto 0.75 kW (1hp)  
**Voltage:** 240 V

#### Application:

Water transfer in:  
 • Bungalows  
 • Farm houses  
 • Apartments  
 • Industry Use

#### Material of construction:

**Casing :** Cast Iron  
**Impeller :** Brass  
**Motor Body :** Aluminum

#### Standard Features:

- Suitable for wide band of voltage i.e. 160 volts to 250 volts
- Life long permanent lubricated bearings
- Built in thermal over-load protection
- TEFC, capacitor start & run Motor, insulation class B
- High suction lift upto 7.3 m (at 240 V, single phase)
- High quality aluminium extruded motor body
- Direction of rotation – anticlockwise, when viewed from drive end
- Low life cycle cost – low maintenance, low power consumption and easy motor rewinding

#### Selection Table

Pump Model	Motor Rating		Suction Size	Delivery Size	Total Head (m)							
	kW	H.P.	(mm)	(mm)	6	12	18	24	26	30	36	45
WP MINI 025	0.19	0.25	19	19	28	21	15					
WP MINI 050/052	0.37	0.50	25	25	34	23	15		5			
WP MINI 051/053	0.37	0.50	25	25	40	30	24		20	15		
WP MINI 100/101	0.75	1.00	25	25	63	55	46		40	34	28	20
WP MINI 102	0.75	1.00	25	25	41	33	28		16	13	6	
WPMINI 103	0.75	1.00	25	25	45	35	30		22	15	6	
Wilo Crown 05	0.37	0.50	25	25	30	23	15	7				
Wilo Crown 10	0.75	1.00	25	25	52	45	37	28		20	6	

**Note:** The above performance is based on mean supply voltage of 240 V at 50 Hz and subject to change due to continuous R&D.

## WHS C

### Self-priming High suction pumpset



#### Technical Data:

**Flow:** upto 71 LPM

**Head:** upto 39 m

**Power:** upto 1 HP

**Voltage:** 220 V

#### Application:

Water transfer in:

- Water transfer for domestic use in Gardening, Apartments, Bungalows, Hotels etc.

- Washing – Garages, Laundries, Automobiles service station

- For lifting water to overhead storage tanks.

- Lawn sprinklers & Pressure Boosting system

#### Material of construction:

**Casing :** Cast Iron

**Impeller :** Brass

**Motor Body :** Cast Iron

#### Standard Features:

- Sturdy & compact design
- High suction lift upto 8 m at 220V
- Single shaft for pump & motor to ensure permanent correct alignment
- Suitable for wide band of voltage i.e. 160V to 240V
- Lifelong permanent lubricated (ZZ) bearings
- High performance TEFC, capacitor start capacitor run motor, class of insulation 'B'
- Built in thermal over-load protection
- Capacitor fixed inside the terminal box to avoid damage
- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
- Sealing arrangement – Mech. seal (high quality for long life)
- Direction of Rotation – CW, from driving end
- High quality electric grade stamping are used for better efficiency
- High Tensile Brass (HTB-1) Impeller to avoid clogging & increase durability
- Safety Feature – earthing provision, TOP
- Low life cycle cost – low maintenance, low power consumption and easy motor rewinding

#### Selection Table

Pump Model	Motor Rating		Pipe Size (mm)		Flow (LPM)	Total Head (m)											
	kW	HP	Suct.	Del.		6	9	12	15	18	21	24	27	30	33	36	39
WHS C05	0.37	0.50	25	25	55	50	45	39	35	28	23						
WHS C10	0.75	1.00	25	25	71	67	61	56	51	47	44	39	35	31	27	23	

**Note :** The above performance is based on mean supply voltage of 220 V @ 1425 RPM at 50 Hz and subject to change due to continuous R&D.

## WHS V

### Self-priming High suction pumpset



#### Technical Data:

**Flow:** upto 44 LPM

**Head:** upto 36 m

**Power:** upto 0.5 HP

**Voltage:** 240 V

#### Application:

- Water transfer for domestic use in gardening, apartments, bungalows, hotels etc.
- Washing – garages, laundries, automobiles service station
- Circulation of water in solar heater systems
- For lifting water to overhead storage tanks, lawn sprinklers & pressure boosting system

#### Material of construction:

**Casing :** Cast Iron

**Impeller :** Brass

**Motor Body :** Aluminum

#### Standard Features:

- High performance TEFC, capacitor start & run motor, Class of insulation 'B'
- High suction lift upto 6 m at 240V
- Single shaft for pump & motor to ensure permanent correct alignment
- Sealing arrangement – Mech. seal (high quality for long life)
- Direction of rotation – CW, from driving end
- Safety feature – earthing provision, TOP
- Brass impeller to avoid clogging & increase durability

#### Selection Table

Pump Model	Motor Rating		Suc Size (mm)	Del Size (mm)	Total Head (m)											
	(kW)	(H.P.)			6	9	12	15	18	21	24	27	30	33	36	
WHS V05	0.37	0.50	25	25	Flow (LPM)	44	42	39	36	33	29	26	22	18	13	9

**Note:** The above performance is based on mean supply voltage of 240 V at 50 Hz and subject to change due to continuous R&D.

## WHS S and WHS M

### Self-priming High suction pumpset



#### Technical Data:

**Flow:** upto 53 LPM

**Head:** upto 42 m

**Power:** upto 1 HP

**Voltage:** 240 V

#### Application:

Water transfer in:

- Water transfer for domestic use in Gardening, Apartments, Bungalows, Hotels etc.

- Washing – Garages, Laundries, Automobiles service station

- For lifting water to overhead storage tanks.

- Lawn sprinklers & Pressure Boosting system

#### Material of construction:

**Casing :** Cast Iron

**Impeller :** Cast Iron/Bronze \*

**Motor Body :** Aluminum

#### Standard Features:

- High performance TEFC, capacitor start & run motor, Class of insulation 'B'
- High suction lift upto 8.5 m at 240V
- Single shaft for pump & motor – to ensure permanent correct alignment
- Sealing arrangement – Mech. seal (high quality for long life)
- Direction of rotation – CW, from driving end
- Safety feature – earthing provision, TOP
- Bronze impeller to avoid clogging & increase durability \*

#### Selection Table

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)											
	kW	HP	Suct.	Del.	6	9	12	15	18	21	24	27	30	33	36	39
WHS S05	0.37	0.50	25	25	51	50	49	48	44	37	30	23	15	7		
WHS S10	0.75	1.00	25	25		53	52	51	50	49	47	40	32	23	15	8

**Note :** The above performance is based on mean supply voltage of 240 V at 50 Hz and subject to change due to continuous R&D.

Pump Model	Motor Rating		Suction Size		Delivery Size		Total Head (m)									
	kW	H.P.	(mm)	(mm)			6	9	12	15	18	21	24	27	30	33
WHS M05	0.37	0.50	25	25	30	27	25	22	19	16	12	7				
WHS M10	0.75	1.00	25	25	37	35	32	30	28	25	22	19	15	12	8	

**Note :** The above performance is based on mean supply voltage of 240 V at 50 Hz and subject to change due to continuous R&D.

\* WHS M

## WMB / MPMS

### Monoblock pumpset- 1 Phase



#### Technical Data:

**Flow:** upto 750 LPM

**Head:** upto 30 m

**Power:** upto 2 HP

**Voltage:** 220 V

#### Application:

Water supply in:

④ Buildings

④ Apartments

④ Hotels

④ Irrigation

④ Clear water transfer in Industries

#### Material of construction:

**Casing :** Cast Iron

**Impeller :** Noryl/Cast Iron

**Motor Body :** Aluminum/Cast Iron

#### Standard Features:

- Suitable for wide band of voltage i.e. 160V to 240V
- Lifelong permanent lubricated (ZZ) bearings
- High performance TEFC, Class of insulation 'F'
- Built in thermal over-load protection
- Capacitor fixed inside the terminal box to avoid damage
- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
- Sealing arrangement – Mech. Seal (High Quality for long life)
- Designed for automatic air release during priming
- Direction of Rotation – ACW, when viewed from suction side
- Safety Feature – Earthing provision, TOP
- Low life cycle cost – low maintenance, low power consumption and easy motor rewinding

#### Selection Table

WMB- 1 Phase @ 2790 RPM

Pump Model	Motor Rating		Pipe Size (mm)		Discharge (LPM)	Total Head (m)								
	kW	HP	Suct.	Del.		6	9	12	15	18	21	24	27	30
WMB05A	0.37	0.5	25	25		120	110	105	100	75	35			
WMB10A	0.75	1.0	25	25			100	98	95	93	90	70	45	
WMB10C	0.75	1.0	40	40		225	210	185	150	105	45			
WMB15C	1.1	1.5	40	40		320	315	310	300	270	210	130		
WMB20C	1.5	2.0	40	40			340	335	325	275	195	70		
WMB20D	1.5	2.0	50	50		450	430	400	340	275	175			
WMB20E	1.5	2.0	65	50			555	535	425	245				
WMB20G	1.5	2.0	80	80		750	650	520	230					

Pump Model	Motor Rating		Pipe Size (mm)		Discharge (LPM)	Total Head (m)								
	kW	H.P.	Suct.	Del.		15	16	18	19	21	24	25	27	30
MPMS 10HH*	0.75	1.00	32	25	134	130	120	115	105	85	75	55	42	10
MPMS 20HH*	1.50	2.00	50	40	220	210	205	190	165	155	125	120	80	

**Note:** The above performance is based on mean supply voltage of 220 V / 230 V at 50 Hz and subject to change due to continuous R&D.

\* 230 V

## MPM

### Monoblock pumpset- 3 Phase



#### Technical Data:

**Flow:** upto 2300 LPM  
**Head:** upto 78 m  
**Power:** upto 30 HP  
**Voltage:** 230 V (Single phase)  
 415 V (Three phase)

#### Application:

Water transfer in:  
 • Bungalows  
 • Farm houses  
 • Apartments

#### Material of construction:

**Casing :** Cast Iron  
**Impeller :** Cast Iron/Bronze  
**Motor Body :** Cast Iron  
**Sealing :** Gland pack/Mech. seal

#### Standard Features:

- Dynamically balanced rotating parts to ensure min. vibration, noise free operation & long bearing life
- Designed for wide Voltage fluctuations

#### Selection Table

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)									
	kW	H.P.	Suct.	Del.	6	10	12	15	17	19	21	24	27	30
MPM 011	0.75	1.0	50	50	290	250	210	130						
MPM 012	0.75	1.0	32	25				160	145	125	100	60	20	
MPM 013	0.75	1.0	32	25					135	125	115	105	80	50
MPM 014	0.75	1.0	40	32					150	135	120	100	50	
MPM 015	1.10	1.5	40	40					260	240	225	210	160	100
MPM 0156	1.10	1.5	50	50					500	450	320			
MPM 021	1.50	2.0	50	40						200	190	180	165	140
MPM 022	1.50	2.0	50	40						290	275	260	235	170
MPM 023	1.50	2.0	65	50						575	510	410	300	
MPM 023L	1.50	2.0	80	65						850	700	575		

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)															
	kW	H.P.	Suct.	Del.	10	12	15	17	19	21	24	27	30	32	35	38	42	48	50	53
MPM 034	2.20	3.0	50	40							245	230	205	190	190	150	100			
MPM 035	2.20	3.0	50	40							370	340	300	250						
MPM 036	2.20	3.0	65	50							685	585	520	435	300					
MPM 036H	2.20	3.0	65	50							525	460	350							
MPM 037	2.20	3.0	80	65							850	760	600	400						
MPM 058	3.70	5.0	50	40									475	460	430	410	410	380	340	250
MPM 059	3.70	5.0	65	50									450	425	425	375	275			
MPM 0510	3.70	5.0	65	50							680	650	600	525	420	300	300			
MPM 0511	3.70	5.0	75	65							1100	1050	980	860	790	490				
MPM 0713	5.50	7.5	50	40												325	270	240	170	
MPM 0714	5.50	7.5	65	50												720	670	605	605	530
MPM 0715	5.50	7.5	80	65												990	920	840	750	660
MPM 0716	5.50	7.5	100	75												1320	1200	1120	800	

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)																
	kW	H.P.	Suct.	Del.	17	19	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62
MPM 1017	7.50	10.0	50	40												360	350	315	280	240	180
MPM 1018	7.50	10.0	65	50												800	740	650	465	300	
MPM 1019	7.50	10.0	80	65												1040	970	850	660		
MPM 1020	7.50	10.0	100	75												1465	1350	1200	1020	800	800
MPM 1020L	7.50	10.0	100	75												1700	1500	1380	700		
MPM 1221	9.30	12.5	65	50												870	820	775	660	600	425
MPM 1222	9.30	12.5	80	65												1110	1060	1060	1000	910	700
MPM 1223	9.30	12.5	100	75												1620	1520	1360	1200	1200	
MPM 1223L	9.30	12.5	100	75												1650	1300	600			

**Conversion Table:** 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

## Selection Table

Pump Model	Motor Rating	Pipe Size (mm)	Total Head (m)																								
			17	19	21	24	27	30	32	33	35	38	42	48	50	53	56	59	62	65	68	71	74	78			
MPM 1524	11.00	15.0	65	50											830	775	700	600	500	325							
MPM 1525	11.00	15.0	65	50											800	750	660	600	480								
MPM 1526	11.00	15.0	80	65											1180	1140	1000	740	630								
MPM 1527	11.00	15.0	100	75											1700	1600	1520	1520	1350	1000							
MPM 1527L	11.00	15.0	100	75											2250	2125	2050	1850	1600	1200							
MPM 2028	15.00	20.0	65	50																900	840	800	740	650	570	470	300
MPM 2029	15.00	20.0	80	65															1140	1110	1085	1044	950	720			
MPM 2030	15.00	20.0	100	75											1700	1700	1600	1450	1215	600							
MPM 2531	18.60	25.0	100	75												1700	1500	1420	1240	950							
MPM 3032	22.00	30.0	100	75												1840	1800	1780	1750	1700	1580	1500	1280				
MPM 4033	30.00	40.0	125	100													2250	2225	2200	2100	1980						

**Note:** The above performance is based on mean supply voltage of 230 V / 415 V at 50 Hz and subject to change due to continuous R&D.



## WPO / WPO Maxima

### Horizontal Open well Submersible pumpset- 1 Phase


**Technical Data:**

**Flow:** upto 740 LPM  
**Head:** upto 33 m  
**Power:** upto 3 HP  
**Voltage:** 230 V

**Application:**

Water transfer in:  
 • Bungalows  
 • Farm houses  
 • Apartments

**Material of construction:**

**Casing :** Cast Iron  
**Impeller :** Noryl/Cast Iron  
**Motor Body :** SS

**Standard Features:**

- Compact mechanical design
- Highly durable water cooled rewirable motor
- Designed for underwater applications in submerged condition
- Designed for wide Voltage fluctuations
- Dynamically balanced rotating parts to ensure – min. vibration, noise free operation & long bearing life
- Carbon vs SS thrust bearing pads – for low power consumption & long life
- Rotors are painted with epoxy paint – to protect from corrosion
- All internal parts are specially coated – to prevent internal rusting
- No suction & priming problem
- High operating efficiencies of pumpset – result into Low power consumption & electric bills
- Single Phase Pump set are supplied with Starter Box

**Selection Table**

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)														
	kW	HP	Suct.	Del.	6.0	9.0	10.5	12	13.5	15	18	19.5	21	24	25.5	27	28.5	30	33
WPO05L	0.37	0.50	25	25	180	140	120	105	80	55									
WPO05H	0.37	0.50	25	25		125	115	105	95	85	60	40							
WPO010L	0.75	1.00	40	40	360	315	290	270	245	225	180	150	100						
WPO010H	0.75	1.00	32	25								150	140	115	100	90	75	60	
WPO015L	1.12	1.50	50	50	420	390	365	340	310	255	220	180	80						
WPO015H	1.12	1.50	40	40							200	180	150	135	118	100	80		
WPO020L	1.50	2.00	50	50	450	430	410	390	370	315	285	250	160	100					
WPO020H	1.50	2.00	40	40					290	270	260	250	225	210	190	170	150	80	
WPO030L	2.24	3.00	65	50	740	700	660	630	590	500	450	400	210						

Pump Model	Motor Rating		Pipe Size (mm)		Total Head (m)								
	kW	HP	Suct.	Del.	9	12	15	18	21	24	27	30	33
WPO Maxima 05*	0.37	0.5	25	25	130	120	110	85	55	6			
WPO Maxima 10*	0.75	1.0	32	25	160	158	156	150	135	115	80	46	

\*220V

**Note:** The above performance is based on mean supply voltage of 220 V / 230 V at 50 Hz and subject to change due to continuous R&D.

**Conversion Table:** 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

## MPO

### Horizontal Open well Submersible pumpset- 3 Phase



#### Technical Data:

**Flow:** upto 2250 LPM

**Head:** upto 78 m

**Power:** upto 30 HP

**Voltage:** available in 3 phase

#### Application:

Water transfer in:

④ Bungalows

④ Farm houses

④ Apartments

④ Agriculture

#### Material of construction:

**Casing :** Cast Iron

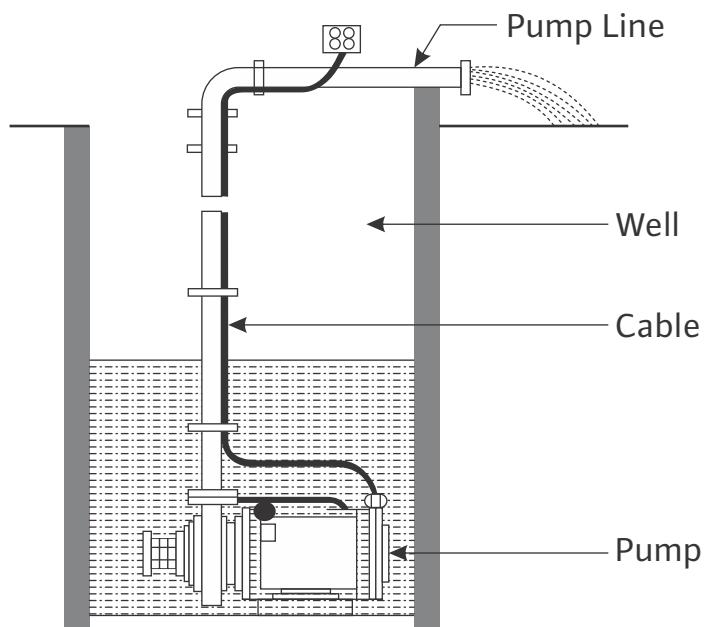
**Impeller :** Cast Iron

**Motor Body :** SS/CI

#### Standard Features:

- No need of foundation and foot wall as installed under water
- SS shaft for long and trouble free life
- Energy efficient motor design
- Motor designed to operate in wide voltage range
- Motor filled with anti corrosive liquid to increase life of internal parts
- Strong carbon v/s stainless steel thrust bearing for longer life

#### Typical Submerged Installation





## WBW 75 mm (3") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 70 LPM  
**Head:** upto 82 m  
**Power:** upto 1 HP

#### Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

#### Material of construction:

**Casing :** Noryl  
**Impeller :** Noryl  
**Motor Body :** SS

#### Standard Features:

- Wide voltage range available in single phase and three phase
- High grade engineered polymer – glass filled virgin Noryl
- High quality Winding Wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate Bearing supports are provided at top, bottom and middle for better stability
- Casings are provided with wear ring (SS) for Longer life and ease in maintenance
- Top & Suction Bush are protected by proper Sand Guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- Resistant to corrosion and abrasion

#### SELECTION CHART

Selection Chart – 75 mm (3") WILO Borehole Submersible Pump Sets → B & C Series, 1 Phase @ 2700 RPM

Pump Set – Description	No. of Stage	Motor Rating		Rated Current (A) 1 Ph	Discharge Dia. (mm)	Discharge (LPM)							
		HP	kW			0	20	35	40	46	55	64	70
WBW3B-10/20	20	1	0.75	7.5	32 m	82	75	64	59	52	39	25	14
WBW3C-10/15	15	1	0.75	7.5	32 m	62	47	43	35	30	24	17	7

**Note:** The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

• Contact us for higher duties

## WBW 100 mm (4") PLUS – Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 500 LPM  
**Head:** upto 348 m  
**Power:** upto 5 HP

#### Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

#### Material of construction:

**Casing :** Noryl  
**Impeller :** Noryl  
**Motor Body :** SS

#### Standard Features:

- Wide voltage range available in single phase and three phase
- High grade engineered polymer – glass filled virgin Noryl
- High quality Winding Wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate Bearing supports are provided at top, bottom and middle for better stability
- Casings are provided with wear ring (SS) for Longer life and ease in maintenance
- Top & Suction Bush are protected by proper Sand Guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- Resistant to corrosion and abrasion

#### Selection Table

Selection Chart – 100 mm (4") WILO Borehole Submersible Pump Sets

Pump Set - Description	No. of Stage	Motor Rating		Rated Current (A) 1 Ph	Discharge Dia. (mm)	Discharge (LPM)				
		HP	kW			0	10	20	30	40
WBWP4A-05/08/32	8	0.50	0.37	5.3	32	m 54	51	40	28	18
WBWP4A-20/32/32	32	2.00	1.50	13.8	32	m 207	190	160	125	80
						0	10	20	30	40
WBWP4B-10/14/32	14	1.00	0.75	7.5	32	Total Head (m)	102	95	82	68
WBWP4B-10/14/40	14	1.00	0.75	7.5	40		101	94	83	72
WBWP4B-10/16/32	16	1.00	0.75	7.5	32		115	107	92	80
WBWP4B-15/18/32	18	1.50	1.10	10.5	32		131	115	100	82
						0	15	25	35	45
WBWP4C-05/06/32	6	0.50	0.37	5.3	32	m 48	43	36	30	25
						0	20	35	50	60
WBWP4D-10/07/40	7	1.00	0.75	7.5	40	Total Head (m)	55	50	43	35
WBWP4D-10/10/32	10	1.00	0.75	7.5	32		82	77	69	60
WBWP4D-15/12/32	12	1.50	1.10	10.5	32		100	86	76	66
WBWP4D-20/14/32	14	2.00	1.50	13.8	32		114	105	95	80
WBWP4D-20/18/32	18	2.00	1.50	13.8	32		145	136	120	100
						0	35	50	65	80
WBWP4L-10/10/40	10	1.00	0.75	7.5	40	m 56	52	47	40	30
						0	50	60	80	100
WBWP4M-10/08/40	8	1.00	0.75	7.5	40	m 49	42	40	36	30
						0	50	80	110	130
WBWP4N-20/08/50	8	2.00	1.50	13.8	50	m 56	52	49	45	38
WBWP4N-20/10/50	10	2.00	1.50	13.8	50	m 68	62	58	52	45
						0	50	80	110	150
						0	50	80	110	170

**Note:** The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

**Conversion Table:** 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

## WBW 100 mm (4") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 500 LPM  
**Head:** upto 348 m  
**Power:** upto 5 HP

#### Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

#### Material of construction:

**Casing :** Noryl  
**Impeller :** Noryl  
**Motor Body :** SS

#### Standard Features:

- Wide voltage range available in single phase and three phase
- High grade engineered polymer – glass filled virgin Noryl
- High quality Winding Wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate Bearing supports are provided at top, bottom and middle for better stability
- Casings are provided with wear ring (SS) for Longer life and ease in maintenance
- Top & Suction Bush are protected by proper Sand Guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- Resistant to corrosion and abrasion

#### Selection Table

Selection Chart - 100 mm (4") WILO Borehole Submersible Pump Sets → B Series, 1 Phase / 3 Phase @ 2800 RPM

Pump Set - Description	No. of Stage	Motor Rating		Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)					
		HP	kW	1 Ph	3 Ph		0	10	20	30	40	50
WBW4B-05/07	7	0.50	0.37	5.3	-	32	53	49	43	37	30	19
WBW4B-08/09	9	0.75	0.55	6.2	2.75	32	66	60	53	44	34	21
WBW4B-08/10	10	0.75	0.55	6.2	2.75	32	73	67	59	49	38	23
WBW4B-10/12	12	1.00	0.75	7.5	3.25	32	86	77	69	59	43	25
WBW4B-10/13	13	1.00	0.75	7.5	3.25	32	93	84	75	63	47	28
WBW4B-10/14	14	1.00	0.75	7.5	3.25	32	101	90	81	68	51	30
WBW4B-10/16	16	1.00	0.75	7.5	3.25	32	115	103	92	78	58	34
WBW4B-15/18	18	1.50	1.10	10.5	4.00	32	131	119	106	90	68	40
WBW4B-15/20	20	1.50	1.10	10.5	4.00	32	145	132	118	100	76	44
WBW4B-20/25	25	2.00	1.50	13.8	4.80	32	189	165	141	124	98	60
WBW4B-30/36	36	3.00	2.20	19.8	6.90	32	264	238	209	176	126	72
WBW4B-30/38	38	3.00	2.20	19.8	6.90	32	278	251	220	185	133	76
WBW4B-30/40	40	3.00	2.20	19.8	6.90	32	293	264	232	195	140	80

**Note:** The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.



**Selection Chart - 100 mm (4") WILO Borehole Submersible Pump Sets → G Series, 1 Phase / 3 Phase @ 2800 RPM**

Pump Set - Description	No. of Stage	Motor Rating		Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW	1 Ph	3 Ph		0	100	120	140	160	180	200	220	240
WBW4G-20/08	8	2.0	1.50	13.80	4.80	50	55	45	41	37	32	27	22	16	9
WBW4G-30/10	10	3.0	2.20	19.80	6.90	50	68	57	52	47	40	34	28	20	12
WBW4G-30/12	12	3.0	2.20	19.80	6.90	50	82	68	62	56	48	41	33	24	14
WBW4G-50/17	17	5.0	3.70	28.00	10.60	50	116	96	88	79	68	58	47	34	20
WBW4G-50/20	20	5.0	3.70	28.00	10.60	50	137	113	103	93	80	68	55	40	23

**Selection Chart - 100 mm (4") WILO Borehole Submersible Pump Sets → H Series, 1 Phase / 3 Phase @ 2800 RPM**

Pump Set - Description	No. of Stage	Motor Rating		Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW	1 Ph	3 Ph		0	120	180	240	280	320	360	400	415
WBW4H-30/07	7	3.0	2.20	19.80	6.90	50	41	34	31	27	25	21	16	13	10
WBW4H-30/09	9	3.0	2.20	19.80	6.90	50	52	43	40	35	32	27	21	16	13
WBW4H-50/12	12	5.0	3.70	28.00	10.60	50	70	58	53	47	42	36	28	22	17
WBW4H-50/14	14	5.0	3.70	28.00	10.60	50	82	68	62	55	49	42	33	26	20

**Selection Chart - 100 mm (4") WILO Borehole Submersible Pump Sets → I Series, 1 Phase / 3 Phase @ 2800 RPM**

Pump Set - Description	No. of Stage	Motor Rating		Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW	1 Ph	3 Ph		0	180	220	280	340	380	420	460	500
WBW4I-20/05	5	2.0	1.50	13.80	4.80	50/65*	31	24	21	20	17	15	14	12	10
WBW4I-30/07	7	3.0	2.20	19.80	6.90	50/65*	43	33	30	28	24	21	20	17	13
WBW4I-40/09	9	4.0	3.00	24.30	9.00	50/65*	56	43	38	36	30	27	25	22	17
WBW4I-50/11	11	5.0	3.70	28.00	10.60	50/65*	68	52	47	44	37	33	31	27	21

**Note:** The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

## Control Panel for WBW4"

### Control Panel for Borewell submersible pumpset (WBW4)



#### Technical Data:

**Power:** 0.5 HP to 5.0 HP  
**Phase:** 1 Ph & 3 Ph

#### Application

- ④ Domestic household water supply
- ④ Water supply to high rise buildings, housing complex, villas, farm houses, gardens & nurseries
- ④ Washing – garages, poultry farms, cattle farms & stud farms
- ④ Fountains

#### Common Standard Features:

- Excellent aesthetically designed & Robust construction
- Wall mounted/Floor Mounted Powder coated sheet metal enclosure, 1 nos. of earth terminal
- Easy to install, operate & maintain
- Fitted with 4 Pole heavy duty contactor it's can operate under wide voltage range
- Backup O/L Protection by OLR
- Highly Precise Digital display unit for Full Fledged Motor Protection
- Password protection for security
- Plug & Play– interchangeable parts

#### Control Panel- Single Phase:

- Digital DRP Controller with Dry Run, Over Voltage, Under Voltage protection
- Over Load Relay for Over Load protection with wide range of Relay setting suitable for site conditions
- Start & Stop Push Buttons
- Start Capacitor for starting torque, run capacitor with connector for easy replacement

#### Control Panel- Three Phase:

- Digital Multifunction Controller with Dry Run, Over Voltage, Under Voltage, Single Phase Protection
- Over Load Relay for Over Load protection with wide range of Relay setting suitable for site conditions
- Controller working in three modes – Auto Mode, Manual Mode & Timer Mode
- Twin Start & Stop Push Buttons, ON + OFF Timer & Auto Switch for Automatic Operation

#### Technical Specification of Control Panel

Control Panel- Single Phase							Control Panel- Three Phase				
Motor Rating		Running Capacitor	Starting Capacitor	Full Load Current (FLC)	OLR Selection	Oversupply (OV)	Undervoltage (UV)	Full Load Current (FLC)	OLR Selection	Oversupply (OV)	Undervoltage (UV)
HP	kW	(MFD)	(MFD)	(A)	(A)	(V)	(V)	(A)	(A)	(V)	(V)
0.50	0.37	36	120/150	5.3	6-10	240	150	NA	NA	NA	NA
0.75	0.55	36	120/150	6.2	6-10	240	150	2.75	2.5 - 4.0	440	250
1.00	0.75	36	120/150	7.5	9-14	240	150	3.25	2.5 - 4.0	440	250
1.50	1.10	45	150/200	10.5	9-14	240	150	4.00	4.0 - 6.5	440	250
2.00	1.50	60	150/200	13.8	13-21	240	150	4.80	4.0 - 6.5	440	250
3.00	2.20	72	200/250	19.8	20-32	240	150	6.90	6.0 - 10.0	440	250
4.00	3.00	100	200/250	26.0	20-32	240	150	9.00	9.0 - 14.0	440	250
5.00	3.70	100	200/250	30.0		240	150	10.60	9.0 - 14.0	440	250

Conversion Table: 1 m = 3.281 ft and 1 m³/hr = 16.67 LPM = 3.67 GPM

## WBW 125 mm (5") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 700 LPM  
**Head:** upto 170 m  
**Power:** upto 5 HP

#### Material of construction:

**Casing :** CI  
**Impeller :** SS  
**Motor Body :** SS

#### Application

- Domestic & community water supply
- Water supply to high rise building, housing complex, villas & hotels, fountains
- Farm houses, gardens and nurseries
- Drip and sprinkler irrigation
- Washing – garages, poultry farms, cattle farms, and stud farms
- Industrial applications

#### Standard Features:

- Wide voltage range available
- High quality winding wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate bearing supports are provided at top, bottom and middle for better stability
- Top & suction bush are protected by proper sand guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- WBW5-A Series with in-built CI diffuser, SS impeller and SS sleeve with hard chrome plating

#### SELECTION CHART

Selection Chart – 125 mm (5") WILO Borehole Submersible Pump Sets → A Series, 3 Phase @ 2900 RPM

Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW		415 V	350 V		0	300	350	400	480	550	600	700	
WBW5A-50/05	5	5.0	3.7	DOL	10.0	11.5	75	m	47	39	36	34	31	28	24	15

## WBW 150 mm (6") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 1250 LPM  
**Head:** upto 227 m  
**Power:** upto 12.5 HP

#### Material of construction:

**Casing :** CI  
**Impeller :** SS  
**Motor Body :** SS

#### Application

- Domestic & community water supply
- Water supply to high rise building, housing complex, villas & hotels, fountains
- Farm houses, gardens and nurseries
- Drip and sprinkler irrigation
- Washing – garages, poultry farms, cattle farms, and stud farms
- Industrial applications

#### Standard Features:

- Wide voltage range available
- High quality winding wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate bearing supports are provided at top, bottom and middle for better stability
- Top & suction bush are protected by proper sand guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- WBW6-A to K Series with in-built CI diffuser, SS impeller and SS sleeve with hard chrome plating

#### SELECTION CHART

Selection Chart-150 mm (6") WILO Borehole Submersible Pump Sets → A to K Series, 3 Phase @ 2900 RPM

Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW		415 V	350 V		0	50	75	100	130	150	175	200	
WBW6A-30/08	8	3.0	2.2	DOL	6.5	7.5	50	m	81	73	69	62	50	41	29	17
WBW6B-30/06	6	3.0	2.2	DOL	6.5	7.5	50	m	68	60	56	46	43	35	25	13
WBW6B-40/10	10	4.0	3.0	DOL	8.5	10.0	50	m	113	100	93	77	72	58	42	22
WBW6B-50/12	12	5.0	3.7	DOL	10.0	11.5	50	m	136	120	112	92	86	70	50	26
WBW6B-75/16	16	7.5	5.5	DOL	14.5	17.5	50	m	181	160	149	123	115	93	67	35
WBW6B-75/16	16	7.5	5.5	S/D	14.5	17.5	50	m	181	160	149	123	115	93	67	35
WBW6B-75/20	20	7.5	5.5	DOL	14.5	17.5	50	m	227	200	187	153	143	117	83	43
WBW6B-75/20	20	7.5	5.5	S/D	14.5	17.5	50	m	227	200	187	153	143	117	83	43
WBW6C-50/08	8	5.0	3.7	DOL	10.0	11.5	50	m	87	79	76	72	63	60	44	24
WBW6C-60/10	10	6.0	4.5	DOL	12.0	14.0	50	m	109	99	95	90	79	75	55	30
WBW6C-75/12	12	7.5	5.5	DOL	14.5	17.0	50	m	131	119	114	108	95	90	66	36
WBW6C-75/12	12	7.5	5.5	S/D	14.5	17.0	50	m	131	119	114	108	95	90	66	36
WBW6C-100/16	16	10.0	7.5	S/D	19.5	23.0	50	m	174	158	152	144	126	120	88	48
WBW6E-30/04	4	3.0	2.2	DOL	6.5	7.5	50	m	45	41	40	37	33	27	22	14
WBW6F-30/03**	3	3.0	2.2	DOL	20.6	20.6	50	m	37	36	35	32	27	23	17	13

\*\*1 Ph 230 V

Conversion Table: 1 m = 3.281 ft and 1 m<sup>3</sup>/hr = 16.67 LPM = 3.67 GPM

### SELECTION CHART

**Selection Chart-150 mm (6") WILO Borehole Submersible Pump Sets → A to K Series, 3 Phase @ 2900 RPM**

Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)								
		HP	kW		415 V	350 V		0	100	175	235	300	350	400	440	
WBW6F-30/03*	3	3.0	2.2	DOL	6.5	7.5	50	37	36	35	32	27	23	17	13	
WBW6F-30/03	3	3.0	2.2	DOL	6.5	7.5	65	37	36	35	32	27	23	17	13	
WBW6F-50/05*	5	5.0	3.7	DOL	10.0	11.5	50	62	60	58	54	46	38	29	21	
WBW6F-50/05	5	5.0	3.7	DOL	10.0	11.5	65	62	60	58	51	46	38	29	21	
WBW6F-60/06*	6	6.0	4.5	DOL	12.0	14.0	50	74	72	70	64	55	46	35	25	
WBW6F-60/06	6	6.0	4.5	DOL	12.0	14.0	65	74	72	70	64	55	46	35	25	
WBW6F-75/08*	8	7.5	5.5	DOL	14.5	17.0	50	98	96	93	86	73	61	46	34	
WBW6F-75/08	8	7.5	5.5	DOL	14.5	17.0	65	98	96	93	86	73	61	46	34	
WBW6F-75/08*	8	7.5	5.5	S/D	14.5	17.0	50	98	96	93	86	73	61	46	34	
WBW6F-75/08	8	7.5	5.5	S/D	14.5	17.0	65	98	96	93	86	73	61	46	34	
WBW6F-100/10	10	10.0	7.5	S/D	19.5	23.0	50	123	120	116	107	91	76	58	42	
*ISI																
WBW6G-50/05	5	5.0	3.7	DOL	10.0	11.5	65	54	42	40	36	32	28	16	6	
WBW6G-75/08	8	7.5	5.5	DOL	14.5	17.0	65	87	67	64	58	51	44	26	10	
WBW6G-75/08	8	7.5	5.5	S/D	14.5	17.0	65	87	67	64	58	51	44	26	10	
WBW6G-100/10	10	10.0	7.5	S/D	19.5	23.0	65	109	84	80	73	64	55	33	13	
WBW6G-125/12	12	12.5	9.3	S/D	25.0	29.5	65	131	101	96	87	77	66	39	15	
*ISI																
WBW6H-50/04	4	5.0	3.7	DOL	10.0	11.5	65	44	33	31	28	22	18	13	9	
WBW6H-50/04	4	5.0	3.7	DOL	10.0	11.5	75	44	33	31	28	22	18	13	9	
WBW6H-60/05*	5	6.0	4.5	DOL	12.0	14.0	65	55	41	39	35	28	23	16	11	
WBW6H-60/05	5	6.0	4.5	DOL	12.0	14.0	75	55	41	39	35	28	23	16	11	
*ISI																
WBW6I-50/03	3	5.0	3.7	DOL	10.0	11.5	75	37	28	26	22	20	19	13	8	
WBW6I-75/04*	4	7.5	5.5	DOL	14.5	17.0	75	50	38	34	30	27	25	17	10	
WBW6I-75/04	4	7.5	5.5	DOL	14.5	17.0	100	50	38	34	30	27	25	17	10	
WBW6I-75/04*	4	7.5	5.5	S/D	14.5	17.0	75	50	38	34	30	27	25	17	10	
WBW6I-75/04	4	7.5	5.5	S/D	14.5	17.0	100	50	38	34	30	27	25	17	10	
WBW6I-75/05*	5	7.5	5.5	DOL	14.5	17.0	75	62	47	43	37	34	31	21	13	
WBW6I-75/05*	5	7.5	5.5	S/D	14.5	17.0	75	62	47	43	37	34	31	21	13	
*ISI																
WBW6J-75/04	4	7.5	5.5	DOL	14.5	17.0	75	m	48	36	34	33	30	27	22	14
WBW6J-75/04	4	7.5	5.5	S/D	14.5	17.0	75	m	48	36	34	33	30	27	22	14
WBW6J-100/05	5	10.0	7.5	S/D	19.5	23.0	75	m	60	45	43	41	38	34	28	18
*ISI																
WBW6K-75/03*	3	7.5	5.5	DOL	14.5	17.0	75	41	29	28	26	25	22	17	12	
WBW6K-75/03	3	7.5	5.5	DOL	14.5	17.0	100	41	29	28	26	25	22	17	12	
WBW6K-75/03*	3	7.5	5.5	S/D	14.5	17.0	75	41	29	28	26	25	22	17	12	
WBW6K-75/03	3	7.5	5.5	S/D	14.5	17.0	100	41	29	28	26	25	22	17	12	
WBW6K-100/04*	4	10.0	7.5	S/D	19.5	23.0	75	55	39	37	35	33	29	22	16	
WBW6K-100/04	4	10.0	7.5	S/D	19.5	23.0	100	55	39	37	35	33	29	22	16	
WBW6K-125/05*	5	12.5	9.3	S/D	25.0	29.5	75	69	49	46	44	41	36	28	20	
WBW6K-125/05	5	12.5	9.3	S/D	25.0	29.5	100	69	49	46	44	41	36	28	20	
WBW6K-150/06*	6	15.0	11.2	S/D	29.0	34.0	75	83	59	56	53	50	44	33	24	
WBW6K-150/06	6	15.0	11.2	S/D	29.0	34.0	100	83	59	56	53	50	44	33	24	

\*ISI

**Note:** The above performance is based on mean supply voltage of 220 V / 415 V at 50 Hz and subject to change due to continuous R&D.

- Contact us for higher duties

## WBW 175 mm (7") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 1700 LPM  
**Head:** upto 60 m  
**Power:** upto 15 HP

#### Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

#### Material of construction:

**Casing :** CI  
**Impeller :** SS  
**Motor Body :** SS

#### Standard Features:

- Wide voltage range available
- High quality winding wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate bearing supports are provided at top, bottom and middle for better stability
- Top & suction bush are protected by proper sand guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- WBW7-D to F Series with in-built CI diffuser, SS impeller and SS sleeve with hard chrome plating

#### SELECTION CHART

Selection Chart - 175 mm (7") WILO Borehole Submersible Pump Sets → D, E & F Series, 3 Phase @ 2900 RPM

Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current (A)		Discharge		Discharge (LPM)						
		HP	kW		415 V	350 V	Dia. (mm)	0	500	700	900	1150	1300	1500	1700
WBW7D-75/02	2	7.5	5.5	DOL	14.5	17.0	100	37	32	30	28	24	21	17	11
WBW7D-100/03	3	10	7.5	DOL	19.5	23.0	100	57	50	47	44	40	35	28	20
WBW7E-125/03	3	12.5	9.3	DOL	25.0	29.5	100	60	52	49	45	41	36	30	22
WBW7F-150/03	3	15	11.2	DOL	29.0	34.0	100	63	54	51	48	44	38	32	24

**Note:** The above performance is based on mean supply voltage of 415 V at 50 Hz and subject to change due to continuous R&D.

- Contact us for higher duties

## WBW 200 mm (8") - Water Filled

### Borewell Submersible Pumpset



#### Technical Data:

**Flow:** upto 2200 LPM  
**Head:** upto 80 m  
**Power:** upto 25 HP

#### Application

- Domestic household water supply
- Water supply to high rise building, housing complex, villas, farm houses, gardens and nurseries
- Washing – garages, poultry farms, cattle farms, and stud farms
- Fountains

#### Material of construction:

**Casing :** CI  
**Impeller :** SS  
**Motor Body :** SS

#### Standard Features:

- Wide voltage range available
- High quality winding wires to ensure reliability & capability to withstand wide voltage fluctuation
- Adequate bearing supports are provided at top, bottom and middle for better stability
- Top & suction bush are protected by proper sand guard arrangement
- Non return valve designed for minimum friction loss
- Water lubricated and fully rewirable motor with 2.75 m 3 core PVC flat cable along with earthing provision
- WBW8-B,C,D,E,G & J Series with in-built CI diffuser, SS impeller and SS sleeve with hard chrome plating

#### SELECTION CHART

Selection Chart - 200 mm (8") WILO Borehole Submersible Pump Sets → B, C, D, E, G & J Series, 3 Phase @ 2900 RPM												
Pump Set - Description	No. of Stage	Motor Rating		Starting method	Rated Current (A)		Discharge Dia. (mm)	Discharge (LPM)				
		HP	kW		415 V	350 V		0	500	700	900	1100
WBW8B-75/02	3	7.5	5.5	DOL	14.5	17.0	100	37	31	30	28	25
								22	18	18	13	
WBW8C-100/03	3	10	7.5	DOL	19.5	23.0	100	55	44	43	40	35
								30	23	23	14	
WBW8D-150/03	3	15	11.2	DOL	29.0	34.0	100	62	52	50	47	44
								33	23	23	15	
WBW8E-125/03	3	12.5	9.3	S/D	25.0	29.5	100	61	53	50	47	45
								36	27	27	15	
WBW8G-75/01	1	7.5	5.5	S/D	14.5	17.0	125	26	20	19	18	17
WBW8G-250/03	3	25	18.5	S/D	48.0	56.0	125	80	62	59	56	54
								50	46	46	22	
WBW8J-200/03	3	20	15.0	S/D	39.0	46.0	125	76	61	57	55	51
								46	41	41	27	
Total Head (m)												
0 900 1100 1300 1550 1800 2000 2200												

**Note:** The above performance is based on mean supply voltage of 415 V at 50 Hz and subject to change due to continuous R&D.

- Contact us for higher duties

## Product at a glance



STAR Z TT



STAR RS



RLTC



DTC



PB



PW



FWJ / HWJ



HMHIL / FMHIL



VMHIL / VMHI



MHIL / MHI - BC



WJ



MHIL



MHI



TWI 5



TMW / PD

## Product at a glance



Wilo-Initial Drain &amp; Waste



FAS / FAC



STS/PDV/TC



Rexa/MTC



WP Mini / Wilo Crown



WHS C and WHS V



WHS S and WHS M



WMB / MPMS



MPM



MNC



WPO / WPO Maxima



MPO



Borewell



Control Panel for WBW 4









SB\_Selection Booklet\_06\_A4\_01022018\_E

WILO Mather and Platt Pumps Pvt. Ltd.  
Ground Floor, “Elpro Vision Exchange”,  
Elpro Compound, CTS No.4270,  
Chinchwad, Pune – 411033.  
Maharashtra (India)

T +91 20 27442100  
F +91 20 27442111  
Service Toll Free: 1800 266 8866

[www.matherplatt.com](http://www.matherplatt.com) / [www.wilo.in](http://www.wilo.in)  
[sales@matherplatt.com](mailto:sales@matherplatt.com)

[www.facebook.com/WiloIndia](https://www.facebook.com/WiloIndia)

Tech. matter subject to change without prior notice

Pioneering for You