

Pioneering for You

wilo

Product Catalog

Residential Product Catalog

Water Supply Pumps · Booster Pumps · Multistage Pumps · Submersible Pumps · Domestic Pumps
Deep Well Submersible Pumps · Multi-purpose Pumps · Seawater Pumps · Agricultural & Industrial Pumps
Deep Well Pumps · Hot Water Circulation Pumps · Chemical Pumps



윌로펌프(주)

2025 National Quality Award —
Excellence in Quality Competitiveness



Keep All Water-Contact Materials Clean!

Drinking Water Hygienic & Safety Standards Certification System

Korea has put in place and rigorously manages numerous laws and systems, from source water to the faucet, to supply its citizens with clean water. One of these is the Drinking Water Hygienic & Safety Standards Certification System, introduced in 2011 to prevent secondary contamination of tap water caused by the leaching of harmful substances from water supply materials or products that come into contact with water.

Water Supply and Waterworks Installation Act, Article 14

- ☐ Any person intending to manufacture or import materials or products used in water supply facilities that come into contact with water shall obtain certification confirming compliance with hygiene and safety standards prescribed by Presidential Decree.
- ☐ No person shall manufacture, import, supply, or sell materials or products used in water supply systems that have not obtained such certification.

Water Supply and Waterworks Installation Act, Article 83

Imprisonment of up to 2 years or fines up to KRW 20 million

- ☐ Any person who manufactures, imports, supplies, sells, or uses water supply products that have not obtained certification
- ☐ Any person who falsely displays certification marks on uncertified water supply products or their packaging
- ☐ Any person who obtains certification through false or fraudulent means



Manufacturer

"We ensure that pumps for water supply are properly certified."



Seller

"We do not sell uncertified pumps for water supply use."



Consumer

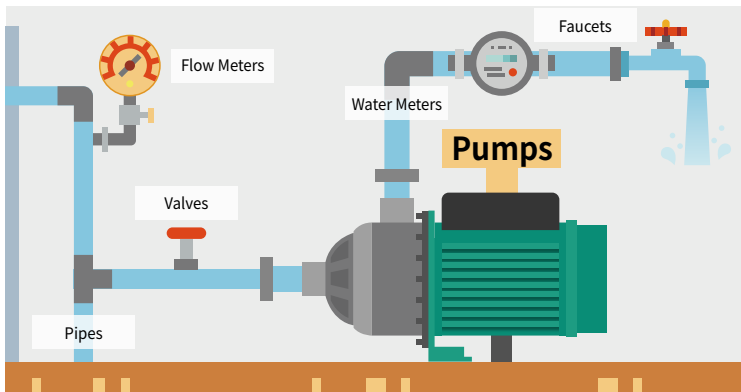
"I check the intended use and certification mark before purchasing."



Installer

"I verify that the pump is certified before installation."

Certified Water Supply Equipment Scope



Wilo KC-Certified Products



Residential	
Water Supply Boosting	HiMulti5, PB-S, PW-S(P)
	MHI, PBI, MEDANA CH1-L, PU-S

An era that demands
constant vigilance
in hygiene and safety



Residential Product Catalog

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Drinking Water Certification: Booster Application (Inverter)



Key Features

- Quiet operation with low noise of 50 dB or below
- Zero rust through advanced engineering plastic materials (Korea KC Drinking Water Hygienic & Safety Standards Certification obtained; European WRAS/ACS potable water-approved materials applied; US FDA-approved materials applied)
- Up to 33% energy savings with inverter technology
- Comprehensive protection functions (Dry-run protection, overcurrent protection, over/under voltage protection, freeze protection, overheat protection)
- Max. suction lift of 8 m

Applications

- Medium-sized buildings (boosting)
- Multi-family housing, mixed-use buildings (low-rise apartments, row houses)
- Mixed-use commercial buildings and large restaurants, etc.

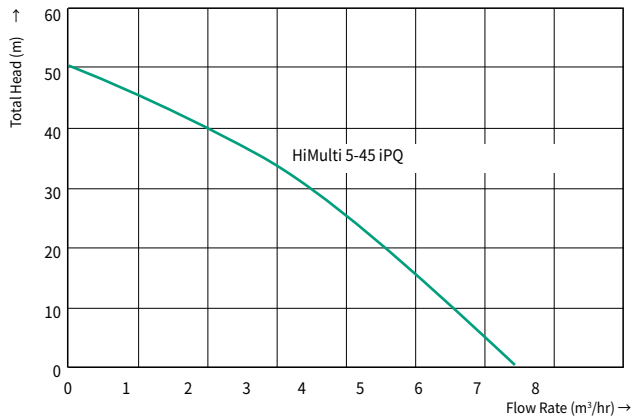
Naming Convention

Wilo-HiMulti 5-4 5 i P Q

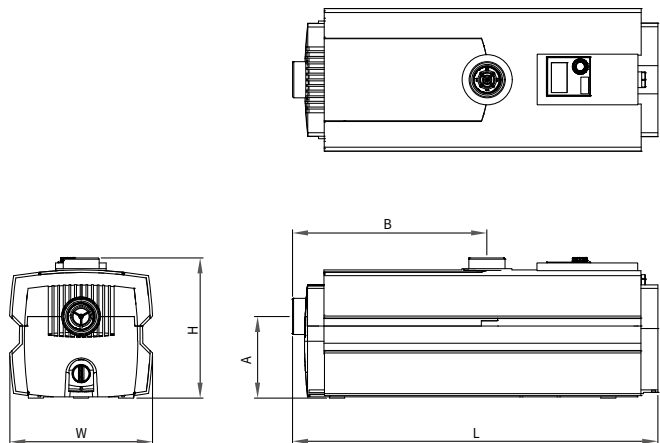
① ② ③ ④ ⑤

① 4	Flow Rate
② 5	Number of Impeller Stages
③ i	i : Inverter
④ P	P : Self-priming Type (8 m)
⑤ Q	Q : Low-noise

Performance Curve



External Dimensions



Unit: mm

Model	H	W	L	A	B
HiMulti 5-45 iPQ	222	228	584	131	311

Specifications								
Model	Power	Output (W)	Max Head (m)	Max. Suction Lift (m)	Delivery Head (m)	Max. Flow (m³/hr)	Diameter (mm,inch)	Weight (kg)
HiMulti 5-45 iPQ	Single-phase, 220V, 60Hz	750	50	8	42	6.3	32(1 1/4")	18

Drinking Water Certification: Booster Application (Downfeed)

PB-S138MA, S250MA, S300MA

Downfeed Domestic Booster Pump



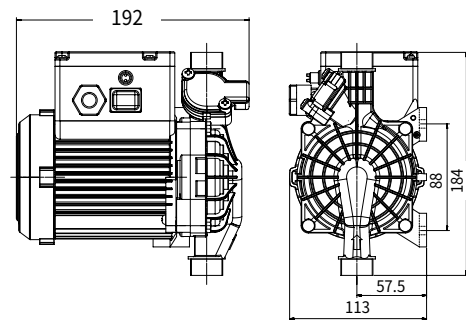
Applications

- For apartments, low-rise apartments, and detached houses using rooftop water tanks (for boosting in low-pressure areas only)

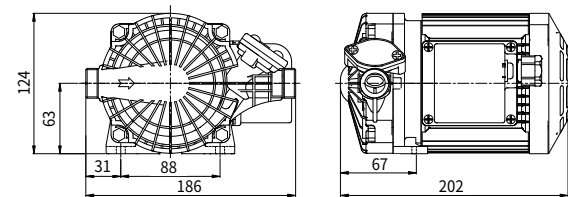
External Dimensions

PB-S138MA

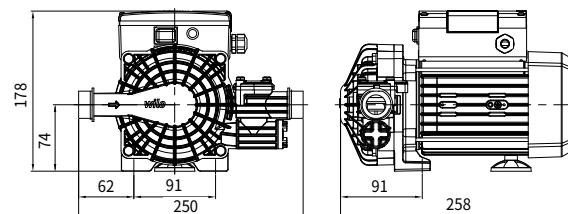
Unit: mm



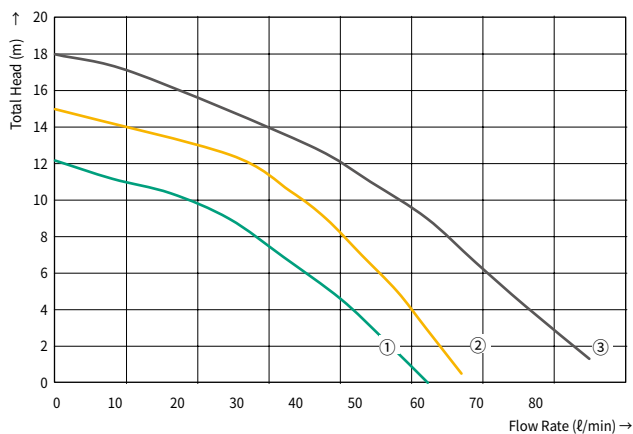
PB-S250MA



PB-S300MA



Performance Curve



① PB-S138MA ② PB-S250MA ③ PB-S300MA

Key Features

- Suitable for hot water up to 60°C
- Noise reduction through centrifugal impeller
- Automatic operation based on water consumption via flow switch
- Safe, totally enclosed motor construction meeting domestic safety certification and European CE standards
- Excellent corrosion resistance through engineering plastic wetted parts

Specifications

Model	Power	Output (W)	Max. Head (m)	Flow Rate (l/min)	Diameter (mm,inch)	Weight (kg)
PB-S138MA	Single-phase, 220V, 60Hz	135	11	45 (when Ht=0.5m)	15(1/2") or 20(PF 3/4")	3.2
PB-S250MA		250	15	55 (when Ht=0.5m)	20(PF 3/4")	4.7
PB-S300MA		350	18	75 (when Ht=0.5m)	25(PF 1")	7

Drinking Water Certification: Stainless Steel Multistage

MEDANA CH1-L Series

Horizontal Multistage Stainless Steel Pump



Applications

- General water supply, agricultural water, irrigation water supply, cooling water circulation, etc.

Operating Conditions

- Potable water, heating & cooling water, condensate, and other fluids that are not highly viscous and contain no fibrous or abrasive foreign matter

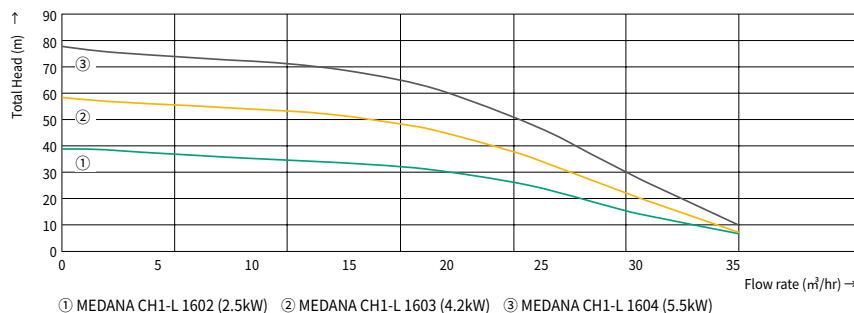
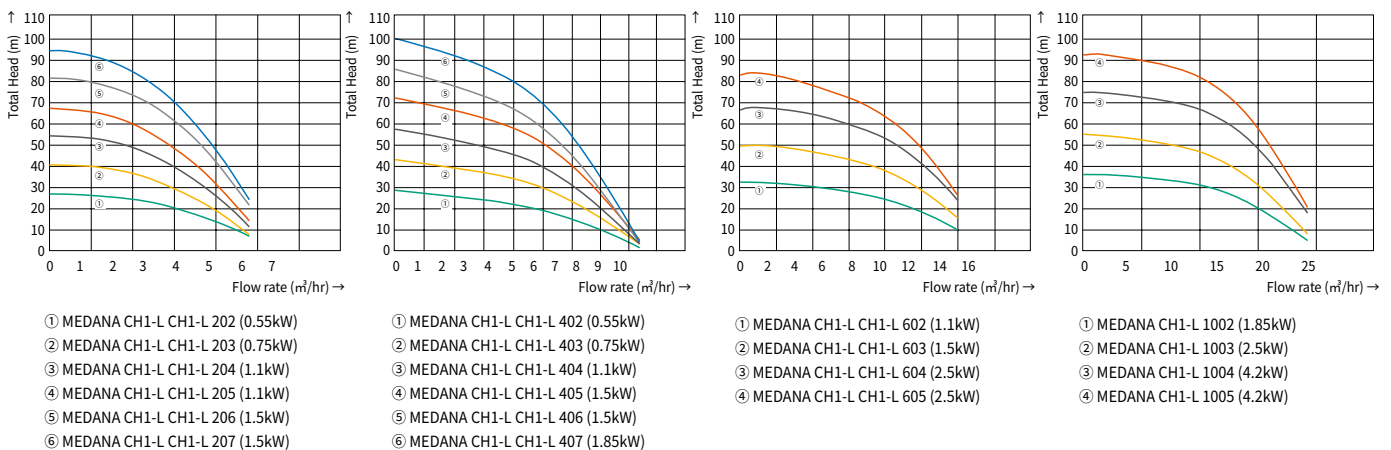
Pump Material Specifications

Impeller	Diffuser	Shaft	Gasket	Mechanical seal
STS 304	STS 304	SM20C + STS 304	EPDM (*VITON)	SiC /Carbon (*SiC/SiC)

*For models with VITON gaskets and SiC/SiC Mechanical Seals, please contact our sales office or factory.

*SM20C : Motor *STS 304 : Hydraulic part(or wetted part)

Performance Curve



Model Code Example: MEDANA CH1-L 404M

MEDANA CH1-L	Horizontal Multistage Stainless Steel Pump
4	Nominal Optimum Effective Flow Rate (m³/h)
4	Number of Impeller Stages
M	1) M : Single-Phase 60Hz, 220V
I/P	2) I/P : Three-Phase, 60Hz 220/380V

Specifications

Permissible Fluid Temperature*	-15~+110°C
Max. Ambient Temperature	40°C
Max. Operating Pressure	10bar

* For fluid temperatures of 80°C or above, please contact our sales office or factory.

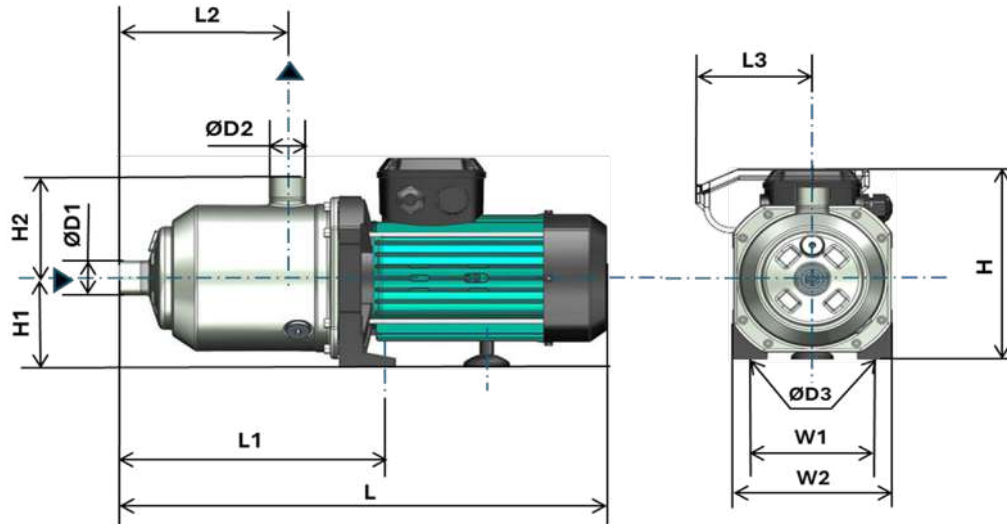
Drinking Water Certification: Stainless Steel Multistage

MEDANA CH1-L Series

Horizontal Multistage Stainless Steel Pump

External Dimensions

Unit: mm



* For 4.2–5.5 kW model mounting dimensions, refer to the approved drawings.

Model	Power		Output (kW)	Dimensions (mm)									Weight (kg)
	(V)	(ph)		H	H1	H2	L	L1	L2	L3	D1	D2	
MEDANA CH1-L 202M	220	1	0.55	199	90	102.5	355	172	79	102	25	25	11
MEDANA CH1-L 203M			0.75	199	90	102.5	394	192	99	102	25	25	11
MEDANA CH1-L 204M			1.1	206	90	102.5	421	212	118	127.5	25	25	14
MEDANA CH1-L 205M			1.1	206	90	102.5	441	232	138	127.5	25	25	14
MEDANA CH1-L 206M			1.5	213	90	102.5	473	252	158	127.5	25	25	18
MEDANA CH1-L 402M			0.55	199	90	102.5	355	172	79	102	25	25	11
MEDANA CH1-L 403M			0.75	199	90	102.5	394	192	99	102	25	25	11
MEDANA CH1-L 404M			1.1	206	90	102.5	421	212	118	127.5	25	25	14
MEDANA CH1-L 405M			1.5	213	90	102.5	453	232	138	127.5	25	25	14
MEDANA CH1-L 602M			1.1	206	90	102.5	399	190	96	127.5	32	25	14
MEDANA CH1-L 603M			1.5	213	90	102.5	441	219	126	127.5	32	25	18
MEDANA CH1-L 202I/P	220/380	3	0.55	204	90	102.5	359	172	79	-	25	25	11
MEDANA CH1-L 203I/P			0.75	212	90	102.5	375	192	99		25	25	11
MEDANA CH1-L 204I/P			1.1	212	90	102.5	421	212	118		25	25	14
MEDANA CH1-L 205I/P			1.1	212	90	102.5	441	232	138		25	25	14
MEDANA CH1-L 206I/P			1.5	219	90	102.5	473	252	158		25	25	18
MEDANA CH1-L 207I/P			1.5	219	90	102.5	493	272	178		25	25	18
MEDANA CH1-L 402I/P			0.55	204	90	102.5	359	172	79		25	25	11
MEDANA CH1-L 403I/P			0.75	212	90	102.5	375	192	99		25	25	11
MEDANA CH1-L 404I/P			1.1	212	90	102.5	421	212	118		25	25	14
MEDANA CH1-L 405I/P			1.5	219	90	102.5	453	232	138		25	25	14
MEDANA CH1-L 406I/P			1.5	219	90	102.5	473	252	158		25	25	18
MEDANA CH1-L 407I/P			1.85	219	90	102.5	513	272	178		25	25	21
MEDANA CH1-L 602I/P			1.1	212	90	102.5	399	190	96		32	25	14
MEDANA CH1-L 603I/P			1.5	219	90	102.5	441	219	126		32	25	18
MEDANA CH1-L 604I/P			2.5	233	90	102.5	475	249	156		32	25	23
MEDANA CH1-L 605I/P			2.5	233	90	102.5	505	279	186		32	25	23
MEDANA CH1-L 1002I/P			1.85	219	90	102.5	431	190	96		40	32	21
MEDANA CH1-L 1003I/P			2.5	233	90	102.5	446	220	126		40	32	23
MEDANA CH1-L 1004I/P			4.2	256	100	102.5	531	230	156		40	32	45
MEDANA CH1-L 1005I/P			4.2	256	100	102.5	561	260	186		40	32	45
MEDANA CH1-L 1602I/P			2.5	233	90	102.5	422	196	97		50	40	23
MEDANA CH1-L 1603I/P			4.2	256	100	102.5	507	206	127		50	40	45
MEDANA CH1-L 1604I/P			5.5	278	112	102.5	589	240	157		50	40	56

Drinking Water Certification: Booster Application (Inverter Integrated)

PBI(-L,-D,-LD,-W,-T) Series

Compact Booster System



PBI Series



PBI-406/804UA/P



PBI-L991MA/P



PBI-(L)D Series



PBI-W/T Series

*PBI-W Series: 2pumps
PBI-T Series: 3pumps



PBI-L Series

Key Features

- Outstanding energy savings with state-of-the-art inverter-controlled pump (system)
- Wide range of operating mode settings
- Comprehensive pump protection functions
- Speed and pressure settings adjustable for optimal system configuration to suit the user's environment
- Easy and intuitive operation via display
- Horizontal multistage pump with stainless steel / high-strength engineering plastic for superior durability and zero rust
- Suitable for hot water up to 80°C (PBI-(L)2, 4, 8 Series)
- Suitable for clean water up to 35°C (PBI-L3, 6 Series; PBI-L991MA/P)

Applications

- Boosting, water supply (high-rise, low-pressure area boosting)
- Single-family homes, apartments, commercial buildings, motels, vacation rentals, low-rise apartments, etc.
- Small sprinkler systems, water treatment facilities requiring constant pressure operation

Control & Protection Functions by Series

Category	PBI(L) Series		PBI-(L)D Series	PBI-W/ T Series
	Single-phase	Three-phase		
Pressure Setting Function	○	○	○	○
Overpressure Protection	○	○	○	○
Auto Restart Function (after power failure)	○	○	○	○
Auto Restart Function (after error reset)	○	○	○	○
Dry-run Protection	○	○	○	○
Automatic Operation / Manual (Emergency) Operation	○	○	○	○
Over/Under Voltage Protection	○	○	○	○
Warm-up Function	○	○	○	○
Alternating Operation	-	-	○	○
Fault Pump Skip Function	-	-	○	○
Inverter Min./Max. Frequency Setting Function	-	○	-	○
Friction Loss Compensation	-	○	○	○
Low-Pressure Alarm Function	-	-	-	○
Max. Pressure Setting Function	-	-	-	○
Multi-pump Control Function	-	-	-	○

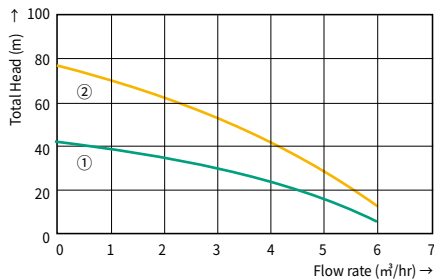
Drinking Water Certification: Booster Application (Inverter Integrated)

PBI(-L,-D,-LD,-W,-T) Series

Horizontal Multistage Stainless Steel Pump

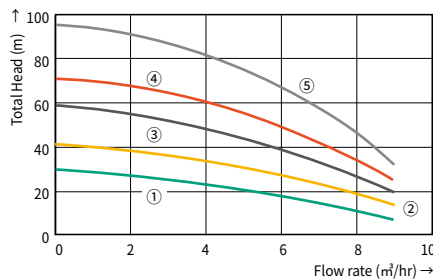
Performance Curve

PBI(-L) 2 Series



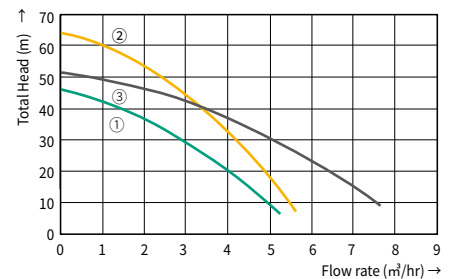
① PBI(-L)203MA/P ② PBI(-L)205MA/P

PBI(-L)4 Series



① PBI(-L)402MA/P ② PBI(-L)403MA/P
③ PBI(-L)404MA/P ④ PBI(-L)405MA/P
⑤ PBI-406UA/P

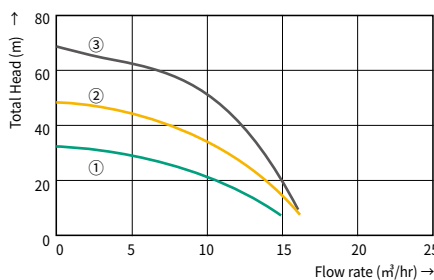
PBI-L3,6 Series



① PBI-L303MA/P ② PBI-L304MA/P
③ PBI-L603MA/P

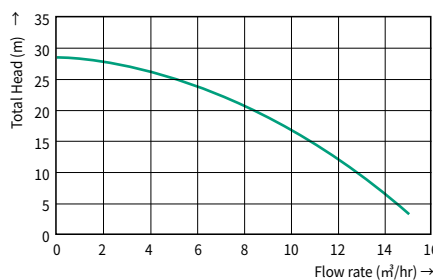
*Based on suction height of 0.5m

PBI(-L)8 Series



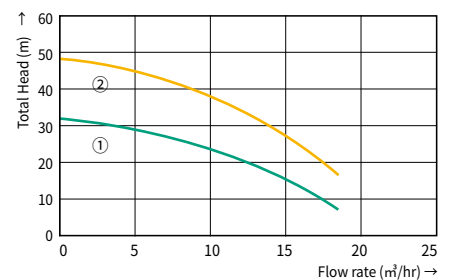
① PBI(-L)802MA/P ② PBI(-L)803MA/P
③ PBI-804UA/P

PBI-L991MA/P



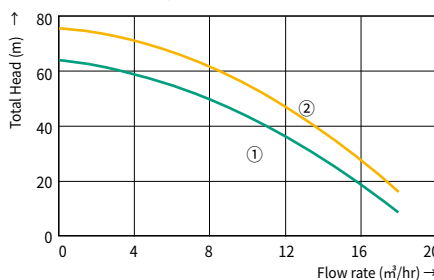
*Based on suction height of 0.5m

PBI-LD402, 403MA/P



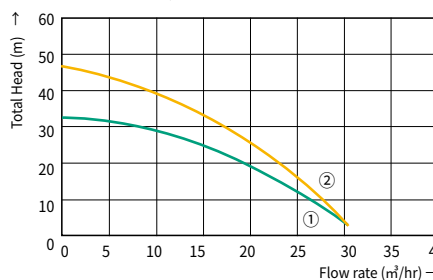
① PBI-LD402MA/P ② PBI-LD403MA/P

PBI(-L)D404, 405MA/P



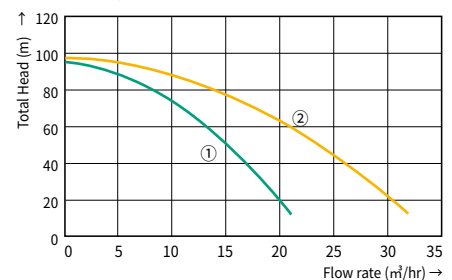
① PBI(-L)D404MA/P ② PBI(-L)D405MA/P

PBI(-L)D802, 803MA/P



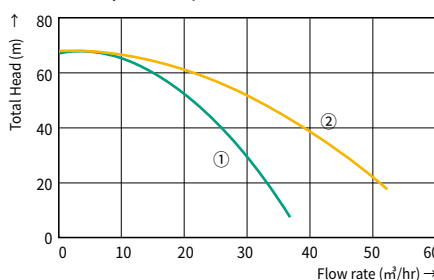
① PBI(-L)D802MA/P ② PBI(-L)D803MA/P

PBI-W, T406UA/P



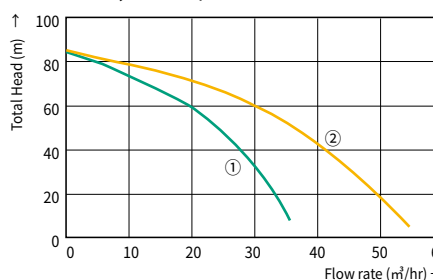
① PBI-W406UA/P ② PBI-T406UA/P

PBI-W, T804UA/P



① PBI-W804UA/P ② PBI-T804UA/P

PBI-W, T805UA/P



① PBI-W805UA/P ② PBI-T805UA/P

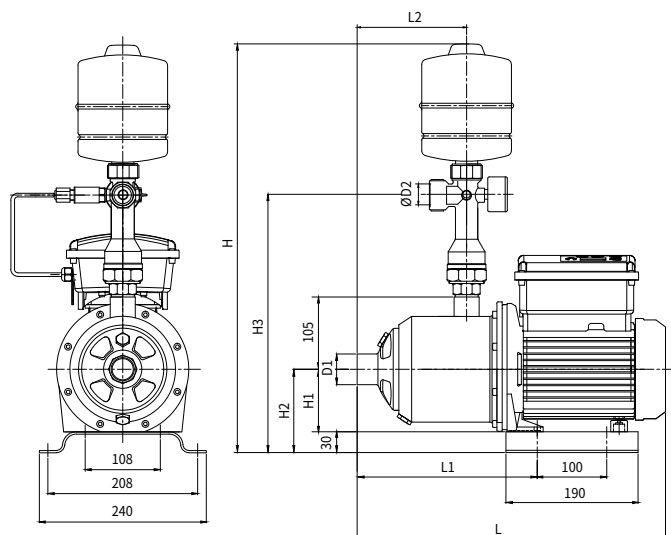
Drinking Water Certification: Booster Application (Inverter Integrated)

PBI(-L,-D,-LD,-W,-T)

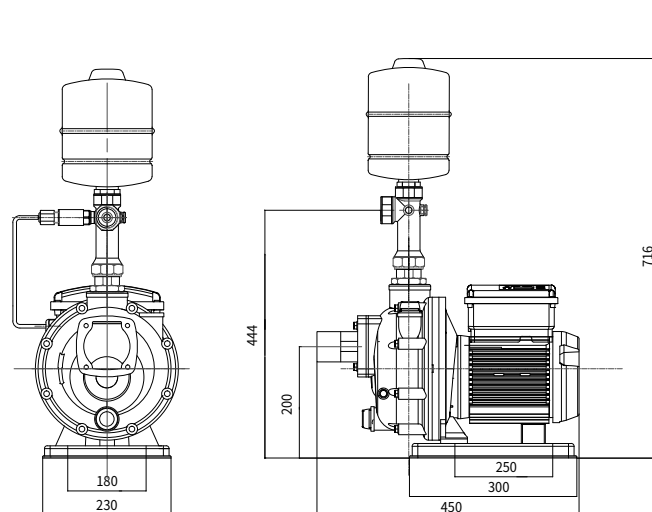
Compact Booster System

External Dimensions

PBI / PBI-L Series

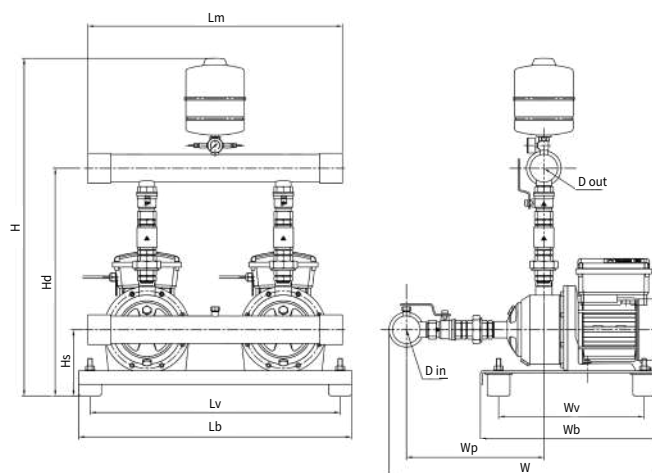


PBI-L991MA/P



Model	Dimensions(mm)								
	H	H1	H2	H3	L	L1	L2	D1	D2
PBI-(L)203MA/P	580	90	120	380	360	204	109.5	25	25
PBI-L303MA/P	580	90	120	380	425	252	157.5	25	25
PBI-(L)402MA/P	580	90	120	380	360	204	109.5	32	25
PBI-(L)205MA/P	590	100	130	390	460	252	157.5	25	25
PBI-L304MA/P	580	90	120	380	425	252	157.5	25	25
PBI-(L)403MA/P	580	90	120	380	380	204	109.5	32	25
PBI-L603MA/P	580	90	120	380	425	252	157.5	32	25
PBI-(L)404MA/P	590	100	130	390	460	252	157.5	32	25
PBI-(L)802MA/P	590	100	130	390	424	216	121.5	40	32
PBI-(L)405MA/P	590	100	130	390	460	252	157.5	32	25
PBI-(L)803MA/P	590	100	130	390	460	216	121.5	40	32
PBI-406UA/P	580	100	120	380	484	276	181.5	32	25
PBI-804UA/P	580	100	120	385	484	276	181.5	40	32

PBI-D / PBI-LD Series



Model	Dimensions(mm)											
	H	Hs	Hd	Lm	Lv	Lb	W	Wp	Wv	Wb	Din	Dout
PBI-LD402MA/P	870	140	530	560	550	600	655	360	320	400	50	50
PBI-LD403MA/P	870	140	530	560	550	600	655	360	320	400	50	50
PBI-(L)D404MA/P	880	150	540	560	550	600	655	360	320	400	50	50
PBI-(L)D405MA/P	880	150	540	560	550	600	655	360	320	400	50	50
PBI-(L)D802MA/P	880	150	570	560	550	600	725	360	320	400	65	65
PBI-(L)D803MA/P	880	150	570	560	550	600	725	360	320	400	65	65

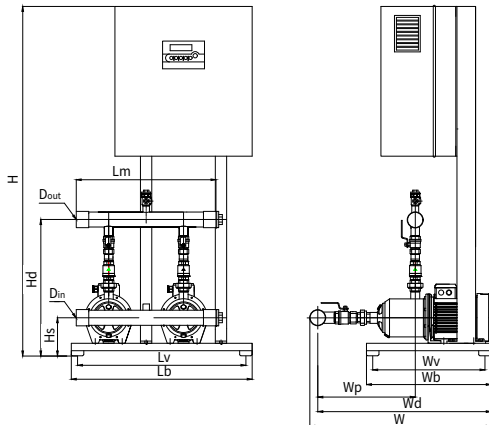
Drinking Water Certification: Booster Application (Inverter Integrated)

PBI(-L,-D,-LD,-W,-T) Series

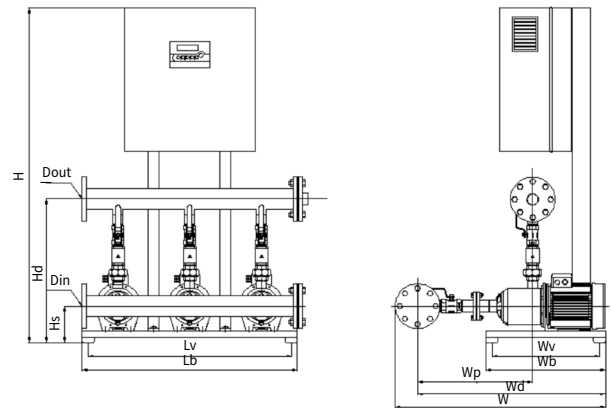
Compact Booster System

External Dimensions

PBI-W Series



PBI-T Series



Model	Dimensions(mm)											
	H	Hs	Hd	Lv	Lb	Wv	Wb	Wp	Wd	W	Din	Dout
PBI-W406UA/P	1400	152.5	541	675	725	450	500	385	685	720	50	50
PBI-W804UA/P	1400	152.5	570	675	725	450	500	410	710	760	65	65
PBI-W805UA/P	1400	152.5	570	675	725	450	500	410	710	760	65	65

Model	Dimensions(mm)											
	H	Hs	Hd	Lv	Lb	Wv	Wb	Wp	Wd	W	Din	Dout
PBI-T406UA/P	1400	152.5	570	850	900	450	500	470	770	857	65	65
PBI-T804UA/P	1400	152.5	600	850	900	450	500	485	785	877	80	80
PBI-T805UA/P	1400	152.5	600	850	900	450	500	485	785	877	80	80

Specifications

Model	Output (kW)	Power	Inverter Output (kW)	Start Pressure (kgf/cm ²)	Max. Suction Lift (m)	Max. Total Head(m)	Max. Flow (m ³ /hr)	Diameter (mm)		Permissible Fluid Temperature (°C)	Weight (kg)
								Suction	Discharge		
PBI-(L)203MA/P	0.75	Single-phase 220V 60Hz	(1.1) 0.75	2	-	40	6	25	25	80	(16)23
PBI-L303MA/P			1.1		6	40	5(Hs=0.5m)			35	14
PBI-(L)402MA/P			(1.1) 0.75		-	30	10			32	80
PBI-(L)205MA/P	(1.1)1.5		(1.1) 1.5	4	-	75	6	25		35	17
PBI-L304MA/P	1.1		1.1		6	60	5(Hs=0.5m)			80	16
PBI-(L)403MA/P			(1.1) 1.5		-	45	10			80	(18)24
PBI-L603MA/P			1.1	2	6	46	7(Hs=0.5m)	32		35	12
PBI-L991MA/P	1.5		1.85		5	27	14(Hs=0.5)			40	32
PBI-(L)404MA/P	(1.8)1.5		(1.85)	4	-	62	10	32	25	80	(18)26
PBI-(L)802MA/P	1.5		1.5	2		30	18	40	32		(19)27
PBI-(L)405MA/P	1.8		(1.85) 2.2	4		80	10	32	25		(19)27
PBI-(L)803MA/P	2.0			2		48	18	40	32		(20)29
PBI-LD402MA/P	0.75X2		1.1X2	2		30	19	50	50		46
PBI-LD403MA/P	1.1X2			3.5		45	20				(48)46
PBI-(L)D404MA/P	(1.8X2)1.5X2		(1.85X2)	4		62	19	50	50		(48)60
PBI-(L)D802MA/P	1.5X2		1.5X2	2		30	28	65	65		(63)50
PBI-(L)D405MA/P	1.8X2		(1.85X2) 2.2X2	6		80	19	50	50		(63)63
PBI-(L)D803MA/P	2.0X2			2		48	28	65	65		29
PBI-406UA/P	2.2	Three-phase 380V 60Hz	3	7		92	10	32	25		31
PBI-804UA/P	2.8			4		65	18	40	32		47
PBI-W406UA/P	2.2X2			7		92	20	50	50		
PBI-W804UA/P	2.8X2		3	5		68	36	65	65		
PBI-W805UA/P	2.9X2		4	6		80	32				
PBI-T406UA/P	2.2X3		2.2	7		92	30				
PBI-T804UA/P	2.8X3		3	5		68	54	80	80		74
PBI-T805UA/P	2.9X3		4	6		80	54				

* Values in parentheses () within the Inverter Output (kW) column indicate the inverter output of the PBI-L model. Example: For PBI(-L)203MA/P, the inverter output is PBI-L203MA/P: 1.1 kW, PBI-203MA/P: 0.75 kW. 1.1kW, PBI-203MA/P: 0.75kW

* Cannot be used for direct connection to the water supply

Drinking Water Certification: Booster Application (Inverter Integrated)

PBI(-L,-D,-LD,-W,-T) Series

Compact Booster System

Model Selection Table

1. Downfeed Water Supply (High-tank System)

(Based on recommended boosting pressure 2 kgf/cm²)

Unit	6	8	10	20	30	40	50	60	80	100	120	140	160	180	200	250
Water Demand (ℓ/min) →	76	83	90	142	186	225	262	296	358	416	470	521	570	617	662	769
Water Demand (m ³ /hr)	4.6	5.0	5.4	8.5	11.2	13.5	15.7	17.8	21.5	25.0	28.2	31.3	34.2	37.0	39.7	46.1
Model	402/HM5	402/HM5	402/HM5	802/LD402	803/LD403	D802	D802	D802	D802	W804	W804	W804	T804	T804	T804	T804

* The official designation of HM5 is HiMulti 5

2. Upfeed Water Supply

82m	20F	W406	W406	W406	T406	T406										
78m	19F	W406	W406	W406	T406	T406	T406									
75m	18F	W406	W406	W406	T406	T406	T406	T406								
72m	17F	W406	W406	W406	W406	T406	T406	T406								
68m	16F	(L)D405	W406	W406	W406	W406	T406	T406	T406	T805	T805					
65m	15F	(L)D405	(L)D405	W406	W406	W406	W805	W805	W805	T805	T805					
62m	14F	(L)D405	(L)D405	W406	W406	W406	W805	W805	W805	T805	T805	T805				
58m	13F	(L)D405	(L)D405	(L)D405	W406	W406	W406	W805	W805	W805	T805	T805	T805			
55m	12F	405	(L)D405	(L)D405	W406	W406	W406	W804	W805	W805	T805	T805	T805	T805		
52m	11F	405	405	(L)D405	(L)D405	W406	W406	W804	W804	W805	W805	T804	T805	T805	T805	
49m	10F	405	405	405	(L)D405	W406	W406	W804	W804	W804	W805	T804	T804	T805	T805	
45m	9F	404	405	405	(L)D405	(L)D405	W406	W804	W804	W804	W805	T804	T804	T804	T805	T805
42m	8F	404	405	405	(L)D405	(L)D405	W406	W804	W804	W804	W804	W805	T804	T804	T804	T805
39m	7F	404	404	405	(L)D404	(L)D405	(L)D405	W804	W804	W804	W804	W805	T804	T804	T804	T805
35m	6F	404	404	404	(L)D404	(L)D405	(L)D405	W804	W804	W804	W804	W805	T804	T804	T804	T805
32m	5F	403	403	404	(L)D404	(L)D404	(L)D405	(L)D803	W804	W804	W804	W804	T804	T804	T804	T805
29m	4F	403	403	404	803/LD403	(L)D404	(L)D405	(L)D803	(L)D803	W804	W804	W804	T804	T804	T804	T805
25m	3F	403	403	403	803/LD403	(L)D404	(L)D404	(L)D803	(L)D803	(L)D803	W804	W804	W804	T804	T804	T804
22m	2F	403/HM5	403	403	803/LD403	803/LD403	(L)D404	(L)D803	(L)D803	(L)D803	W804	W804	W804	T804	T804	T804
19m	1F	203/HM5	402/HM5	403	803/LD403	803/LD403	(L)D404	(L)D803	(L)D803	(L)D803	W804	W804	W804	T804	T804	T804
Apartments (units) →	6	8	10	20	30	40	50	60	80	100	120	140	160	180	200	250
Accommodation (rooms) →				15	20	30	40	60	90	120	150	170	200	220	250	300
Water Demand (ℓ/min) →	76	83	90	142	186	225	262	296	358	416	470	521	570	617	662	769
Water Demand (m ³ /hr) →	4.6	5	5.4	9	11	14	16	18	21	25	28	31	34	37	40	46

Notes) 1. Downfeed boosting: Based on recommended boosting pressure 2 kgf/cm²

2. Upfeed supply: basement level B1 installation (floor-to-floor height 5 m); floors above 1F at 3 m floor-to-floor height; terminal use pressure 1 kgf/cm²; pipe friction loss head 10%

3. Install a Pressure Reducing Valve (PRV) so that supply pressure at each unit does not exceed 4 kgf/cm².

* The official designation of HM5 is HiMulti 5

※ Recommended Tank Capacity by Model (Pressure Tank sold separately)

Model	Recommended Pressure Tank Capacity
PBI-W406UA/P	100L
PBI-W804/805UA/P	200L
PBI-T406UA/P	100L
PBI-T804/805UA/P	200L

- A pressure tank of adequate capacity must be installed for multi-pump control function operation to manage appropriate motor start frequency, prevent water hammer, and buffer pressure fluctuations.
- Flexible hose connection size for discharge manifold: PF 1"
- The above recommended capacities are based on factory default pressure settings. Contact head office for any changes. (1688-5890)

Drinking Water Certification: Booster Application (Compact)

PW-P(S)350SMA, P(S)600SMA

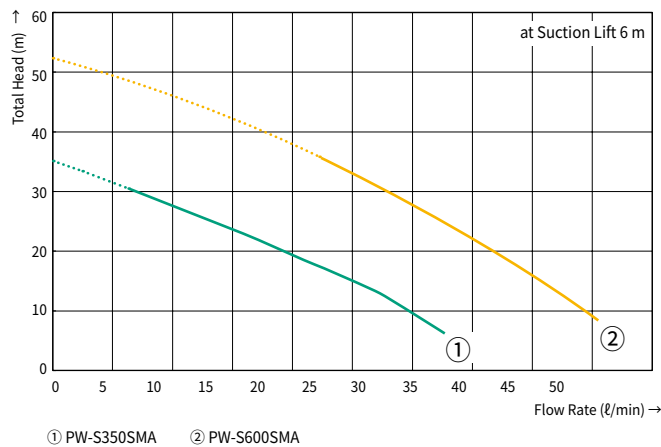
Automatic Compact Pressure Tank | Automatic Flow Sensor Type



Key Features

- Corrosion-resistant material applied to wetted parts, certified under the Water Supply and Waterworks Installation Act (note: No filtration function)
PW-P(S)350SMA, P(S)600SMA material: reinforced engineering plastic (FDA and European potable water certified)
- Installation compatibility with existing cast-iron products
- Temperature sensor protection device attached to withstand abnormal operation
- Lightweight compared to existing cast-iron products; easy to transport, handle, and install
- Compact design
- PW-P350/600SMA : Automatic operation based on water consumption via flow switch

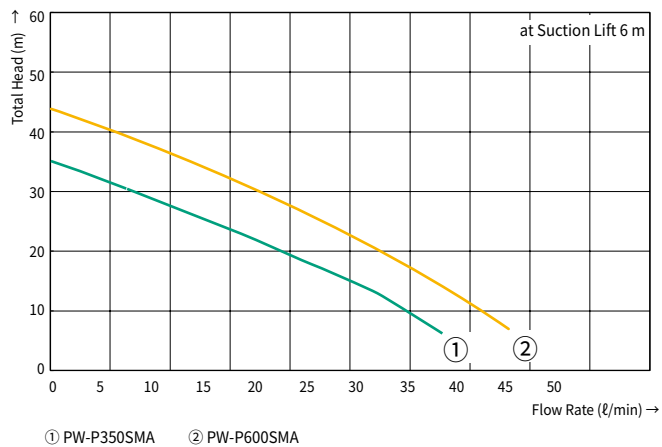
Performance Curve (Automatic Compact Pressure Tank)



① PW-S350SMA ② PW-S600SMA

* The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the Operating Range (except PW-P350/600SMA).

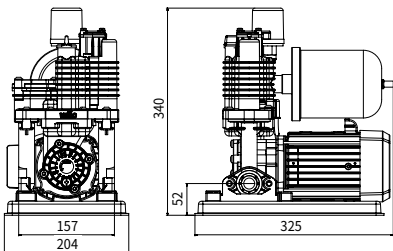
Performance Curve (Automatic Flow Sensor Tank)



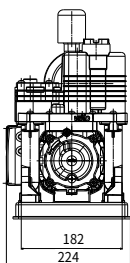
① PW-P350SMA ② PW-P600SMA

External Dimensions

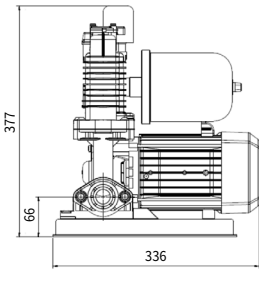
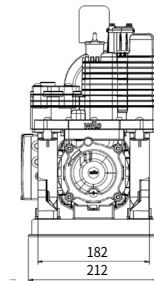
PW-P(S)350SMA



PW-S600SMA



PW-P600SMA



Unit: mm

Specifications								
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max. Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PW-P(S)350SMA	Single-phase 220V 60Hz	350	24	8	16	30 (Hs=6m)	25(PF 1")	8.5
PW-S600SMA		600	25	7	18	40 (Hs=6m)	32(PF1 ¼")	10
PW-P600SMA		600	26	7.5	18	38 (Hs=6m)	32(PF1 ¼")	10

Drinking Water Certification: Stainless Steel Multistage

MHI Series

Horizontal Multistage Stainless Steel Pump



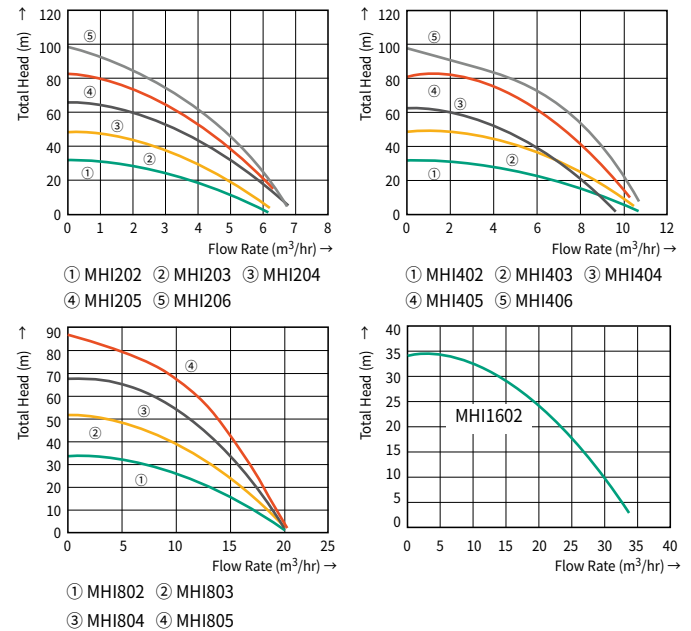
Applications

- General water supply, agricultural water, irrigation water supply, cooling water circulation, etc.

Operating Conditions

- Potable water, heating & cooling water, condensate, and other fluids that are not highly viscous and contain no fibrous or abrasive foreign matter

Performance Curve



Pump Material Specifications				
Impeller	Diffuser	Shaft	Gasket	Mechanical Seal
STS 304	STS 304	STS 316L	EPDM (*VITON)	SiC /Carbon (*SiC/SiC)

*For models with VITON gaskets and SiC/SiC Mechanical Seals, please contact our sales office or factory.

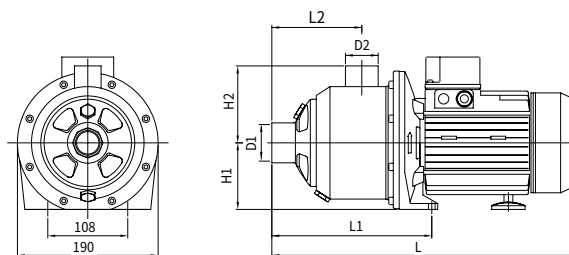
Model Code Example: MHI 403M	
MHI	Horizontal Multistage Stainless Steel Pump
4	Nominal Optimal Flow Rate (m³/h)
03	Number of Impeller Stages
M	1) M : Single-phase 60Hz, 220V 2) V/P : Three-phase 60Hz, 220V/380V

Specifications	
Permissible Fluid Temperature*	-15~+110°C
Max. Ambient Temperature	40°C
Max. Operating Pressure	10bar

* For fluid temperatures of 80°C or above, please contact our sales office or factory.

External Dimensions

Unit: mm



Model	Power		Output (kW)	Dimensions (mm)							Weight (kg)
	(V)	(ph)		H1	H2	L	L1	L2	D1	D2	
MHI202M(I)	220(220/380)	1(3)	0.55	90	104	354	204	109.5	25	25	10
MHI203M(I/P)			0.75								17
MHI204M(I/P)			1.1								19
MHI205M(I/P)			1.5								18
MHI206M(I/P)			0.75								22
MHI402M(I/P)			1.1	17							
MHI403M(I/P)			1.5	20							
MHI404M(I/P)			1.8	21							
MHI405I/P			2.2	23							
MHI406I/P			1.5	17							
MHI802M(I/P)	220(220/380)	1(3)	1.5	90(100)		392.1(424)	216	121.5	40		32
MHI803I/P	220/380	3	2.0	100		424				19	
MHI804I/P			2.8			483				21	
MHI805I/P			2.9			484				23	
MHI1602I/P			2.5			443				19	

* alues in parentheses () indicate the power supply specification for three-phase models (I: dual-voltage 220/380V)

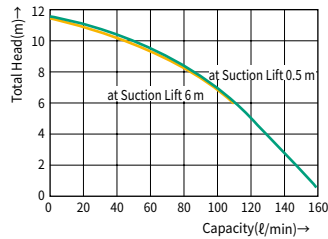
Drinking Water Certification: Seawater Application

PU-S354M

Seawater Pump



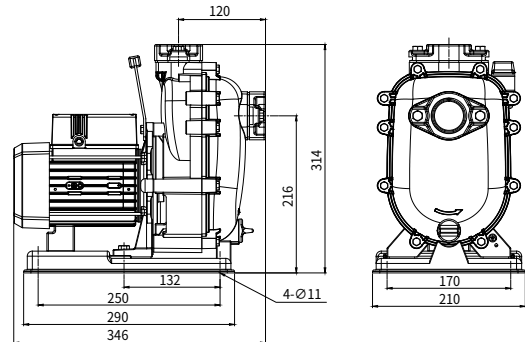
Performance Curve



Applications

- Seawater transfer for fish farms, seafood restaurants, aquariums, fish-holding tanks, ships, etc.
- Agricultural use: greenhouses, flower farms, sprinkler systems, etc.
- Sites requiring corrosion-resistant wetted parts materials

External Dimensions



Unit: mm

Key Features

- Corrosion-resistant materials applied to wetted parts (stainless steel impeller)
- Protection against rust and corrosion-related contamination
- Handle attached for easy portability
- Excellent self-priming performance (max. 7 m)
- Outstanding pumping capacity (best-in-class water pressure)

Specifications

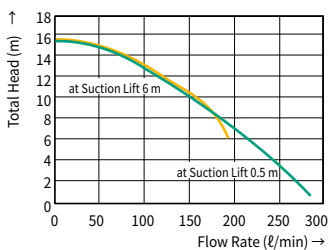
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm, inch)	Weight (kg)
PU-S354M	Single-phase 220V 60HZ	350	11	7	160 (Hs=0.5m)	32 (1 1/4")	10

PU-S604M

Seawater Pump



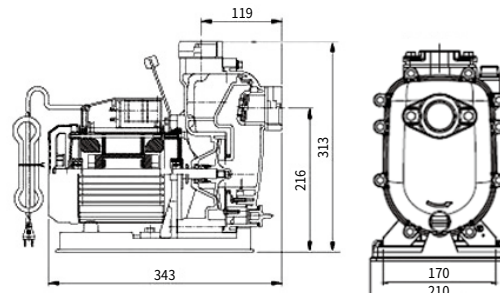
Performance Curve



Applications

- Seawater transfer for fish farms, seafood restaurants, aquariums, fish-holding tanks, ships, etc.
- Agricultural use: greenhouses, flower farms, sprinkler systems, etc.
- Sites requiring corrosion-resistant wetted parts materials

External Dimensions



Unit: mm

Key Features

- Corrosion-resistant materials applied to wetted parts (stainless steel impeller)
- Protection against rust and corrosion-related contamination
- Handle attached for easy portability

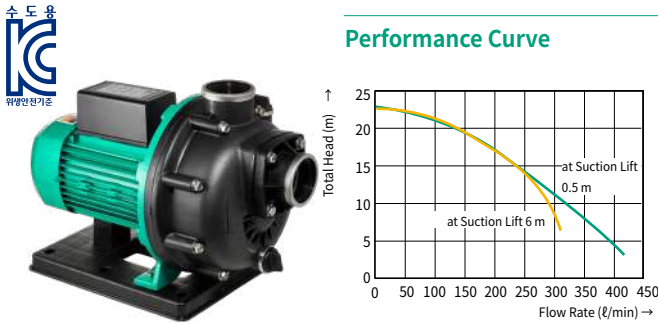
Specifications

Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm, inch)	Weight (kg)
PU-S604M	Single-phase, 220V, 60Hz	600	15	8	286 (Hs=0.5m)	40(1 1/2")	12

Drinking Water Certification: Seawater Application

PU-S990M/H, S1100U/P

Seawater Pump



Key Features

- Corrosion-resistant materials applied to wetted parts (stainless steel impeller)
- Protection against rust and corrosion-related contamination
- Equipped with IE3 premium efficiency grade motor (“/P” models)

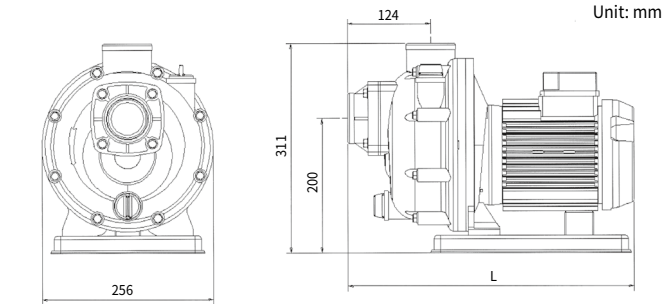
Specifications							
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max. Flow Rate (ℓ/min)	Diameter (mm, inch)	Weight (kg)
PU-S990M/H	Single-phase 220V 60Hz	990	21	8	400 (Hs=0.5m)	50(2")	22
PU-S1100U/P	Three-phase 380V 60Hz	1,100					

* “/H” models are equipped with an IEC standard motor core.

Applications

- Seawater transfer for fish farms, seafood restaurants, aquariums, fish-holding tanks, ships, etc.
- Agricultural use: greenhouses, flower farms, sprinkler systems, etc.
- Sites requiring corrosion-resistant wetted parts materials

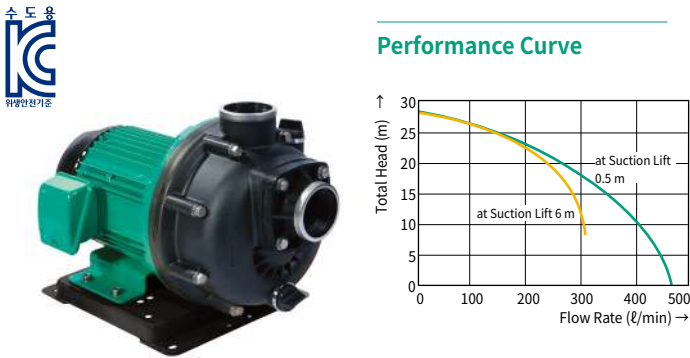
External Dimensions



Model	Dimensions (mm)
	L
PU-S990M/H	448
PU-S1100U/P	427

PU-S1700M, S1800I/P

Seawater Pump



Key Features

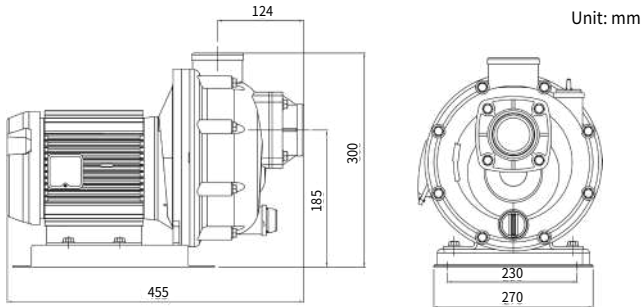
- Corrosion-resistant materials applied to wetted parts (stainless steel impeller)
- Protection against rust and corrosion-related contamination
- Equipped with IE3 premium efficiency grade motor (“/P” models)

Specifications							
Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm, inch)	Weight (kg)
PU-S1700M	Single-phase, 220V, 60Hz	1.7	27	6	450 (Hs=0.5m)	50(2")	32
PU-S1800I/P	Three-phase 220/380V 60Hz	1.8					

Applications

- Seawater transfer for fish farms, seafood restaurants, aquariums, fish-holding tanks, ships, etc.
- Agricultural use: greenhouses, flower farms, sprinkler systems, etc.
- Sites requiring corrosion-resistant wetted parts materials

External Dimensions



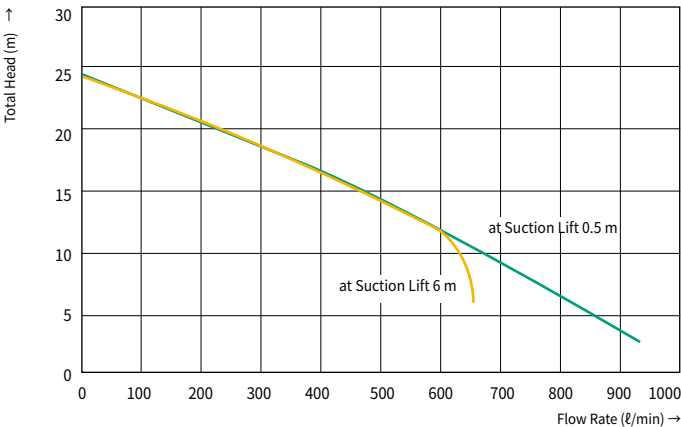
Drinking Water Certification: Seawater Application

PU-S3001M, S2200I/P

Seawater Pump



Performance Curve



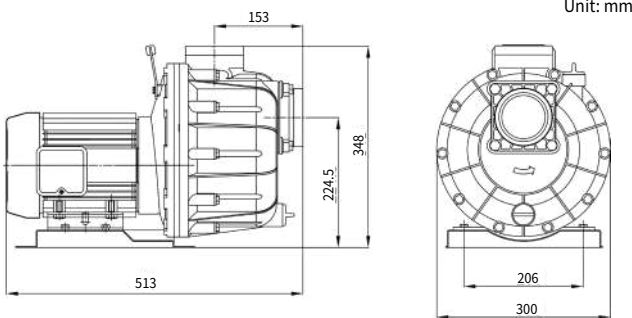
Key Features

- Corrosion-resistant materials applied to wetted parts (stainless steel impeller)
- Protection against rust and corrosion-related contamination
- Handle attached for easy portability
- Outstanding pumping capacity (best-in-class water pressure)
- Impeller easily disassembled/assembled
- Equipped with IE3 premium efficiency grade motor ("P" models)

Applications

- Large-volume seawater transfer for fish farms, seafood restaurants, aquariums, fish-holding tanks, ships, etc.
- Agricultural use: greenhouses, flower farms, sprinkler systems, etc.
- Sites requiring corrosion-resistant wetted parts materials

External Dimensions



- * Caution: This is a self-priming / high-flow product. Noise levels (90 dB) are significant when used indoors; outdoor use is strongly recommended.
- * Performance may vary depending on the Suction Height .

Specifications							
Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PU-S3001M	Single-phase, 220V, 60Hz	2.2	22	8	920 (Hs=0.5m)	80 (3")	47
PU-S2200I/P	Three-phase 220/380V 60Hz						

Booster Application (Upfeed Type)

PB-410SMA, 601SMA

Upfeed Domestic Booster Pump

* Upfeed: water is transferred from below upward

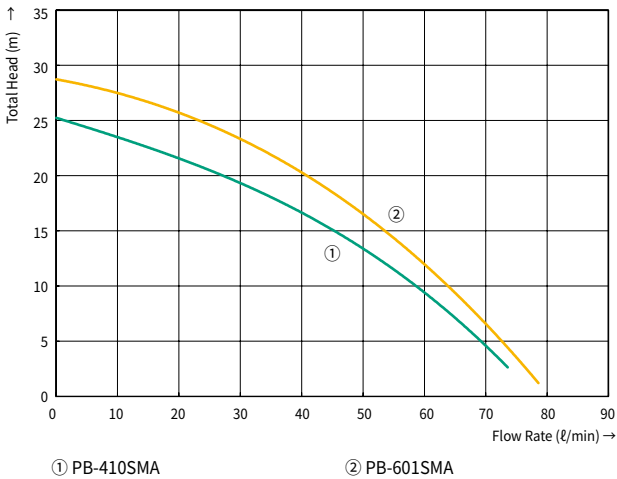


PB-410SMA



PB-601SMA

Performance Curve



Key Features

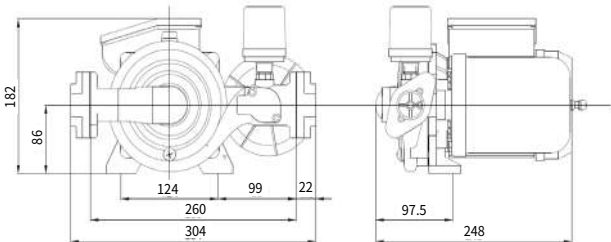
- World's first low-noise upfeed booster pump with flow sensor (related technology patent application No. 10-2005-0003818)
 - Suitable for hot water up to 60°C
 - Quiet operation through noise reduction via centrifugal impeller
 - Max. suction lift of 3 m
- ※ When used for suction, install a foot valve (commercially available) at the suction end.

Applications

- Boosting, water supply (high-rise, low-pressure area boosting)
- Water supply boosting for single-family homes and multi-unit low-rise apartments
- Solar thermal system water supply / boosting

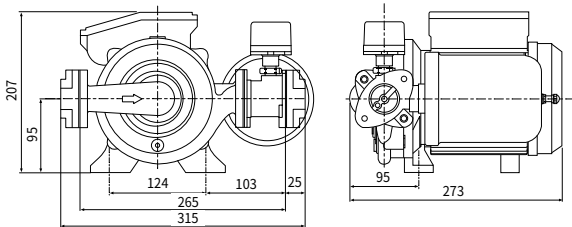
External Dimensions

PB-410SMA



PB-601SMA

Unit: mm



Specifications						
Model	Power	Output (W)	Max. Head (m)	Flow Rate (l/min)	Diameter (mm,inch)	Weight (kg)
PB-410SMA	Single-phase, 220V, 60Hz	400	25	50 (when Ht=12m)	25(PF 1")	9.5
PB-601SMA		600	28	60 (when Ht=12m)	32(PF 1 1/4")	13.5

Booster Application (Downfeed Type)

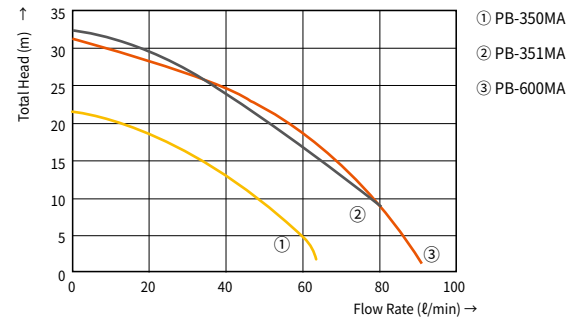
PB-350MA, 351MA, 600MA

Downfeed Domestic Booster Pump

* Downfeed – water is transferred from above downward



Performance Curve



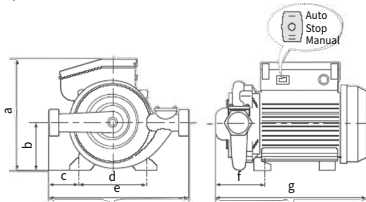
Key Features

- Suitable for hot water up to 80°C
- Noise reduction through centrifugal impeller
- Automatic operation based on water consumption via flow switch
- Safe, totally enclosed motor construction meeting domestic safety certification and European CE standards

External Dimensions

PB-350MA, 351MA, 600MA

Unit: mm



Model	a	b	c	d	e	f	g
PB-351MA	176	74	57	91	240	87	237
PB-600MA	207	95	63	124	270	105	275

Applications

- For apartments, low-rise apartments, and detached houses using rooftop water tanks (for boosting in low-pressure areas only)

Specifications

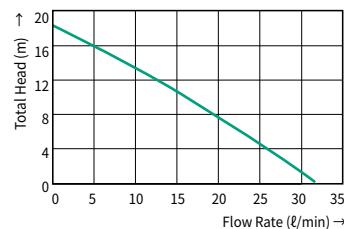
Model	Power	Output (W)	Max. Head (m)	Flow Rate (l/min)	Diameter (mm, inch)	Weight (kg)
PB-350MA	Single-phase, 220V, 60Hz	350	21	65 (when Ht=0.5m)	15(1/2") or 20(PF 3/4")	7.4
PB-351MA			27	80 (when Ht=0.5m)	25(PF 1")	7.3
PB-600MA		600	28	85 (when Ht=0.5m)	32(PF 1 1/4")	11.4

PB-S140MA

Downfeed Domestic Booster Pump



Performance Curve



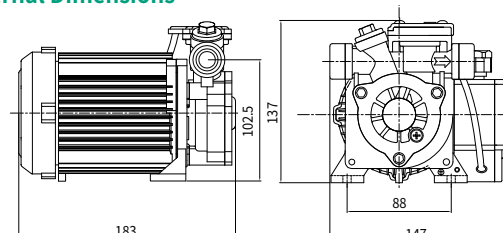
Key Features

- High head is advantageous for flow rate as piping ages or lengthens
- Corrosion-resistant material applied to wetted parts
- Automatic operation based on water consumption via flow switch

Applications

- Water supply and boosting for accommodation, restaurants, multi-family housing, etc.
- For equipment attachment

External Dimensions



Unit: mm

Specifications

Model	Power	Output (W)	Max. Head (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PB-S140MA	Single-phase 220V 60Hz	135	17	25 (When Ht=0.5m)	15 (PF 1/2")	3.6

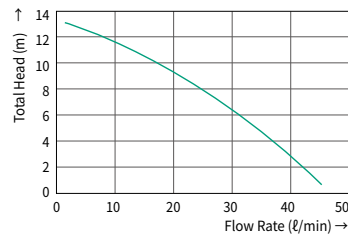
Booster Application (Downfeed Type)

PB BOOST FIRST 15/12

Downfeed Domestic Booster Pump



Performance Curve



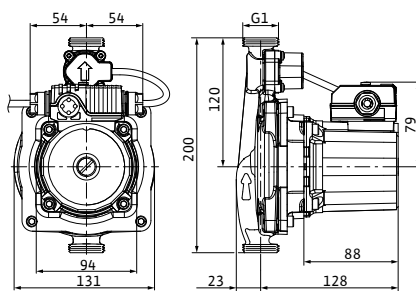
Key Features

- Water-cooled motor for fanless operation with minimum noise (43 dB or below)
- Low power consumption and constant pressure operation with highly sensitive flow switch and automatic control
- Suitable for hot water up to 90°C
- Completely sealed canned-type motor; safe and leak-free
- Compact design for easy replacement
- Automatic operation and plug-in type for easy start-up

Applications

- Water supply boosting for small buildings such as houses and low-rise apartments
- Boosting for high-rise, low-pressure areas

External Dimensions



Unit: mm

Specifications

Model	Power	Output (W)	Max. Head (m)	Max Flow (l/min)	Diameter (mm,inch)	Max. Permissible Pressure (bar)	Weight (kg)
PB-BOOST FIRST 15/12	Single-phase 220V 60Hz	175	12	45	15(1/2")	10	4.5

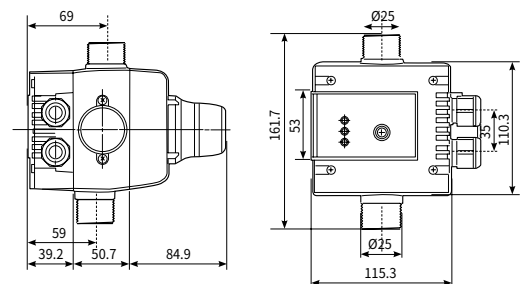
Booster Application (1 Tank Booster)

FC HiControl

Automatic Operation Controller for Horizontal Multistage Pumps



External Dimensions



Unit: mm

Product Configuration

- Electronic flow and pressure controller
- Built-in dry-run protection device and check valve / non-return valve
- Can be attached to a horizontal multistage stainless steel pump for automatic operation (Applicable models: MHI 202M, 203M, 402M)

Key Features

- Compact and lightweight: versatile applications
- Built-in dry-run protection prevents dry running
- No separate pressure tank required
- Corrosion-resistant material prevents rust
- Operational stability ensured by electronic fluid sensing device
- Suitable for hot water up to 60°C

Applications & Functions

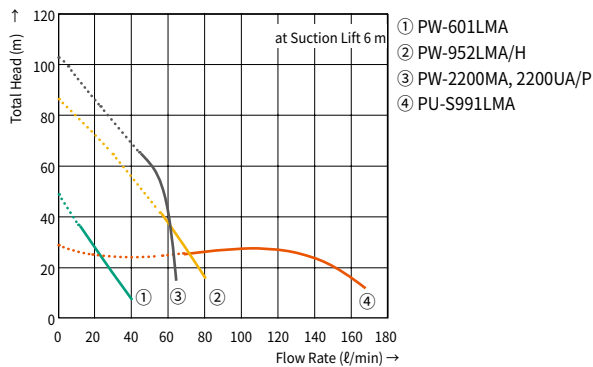
- Automatic monitoring device for booster and water supply systems
- Automatic pump controller

Specifications

Model	Power	Max. Permissible Flow (m3/h)	Start Pressure (kgf/cm2)	Stop Flow (l/min)	Max. Operating Pressure (kgf/cm2)	Max. Permissible Water Temp. (°C)	Max. Permissible Input Current (A)
HiControl	Single-phase 220V 60Hz	10	1.5	1.0 - 2.0	10	60	Startup: 25 Running: 10

Booster Application (1 Tank Booster)

Performance Curve



The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the operating range.

Key Features

- Suitable for use in high-altitude areas with weak and inconsistent water pressure
- Construction costs reduced (rooftop water tank not required)
- Optimum design for high suction lift
- Suitable for well use
- Pressure switch operating range adjustable (PW-2200MA, 2200UA/P)
- Equipped with IE3 premium efficiency grade motor (/P" models)

Applications

- Medium-sized buildings (boosting)
- Multi-family housing, mixed-use buildings (low-rise apartments, row houses)
- Mixed-use commercial buildings and large restaurants, etc.
- Shallow wells or locations requiring high flow rate

PW-601LMA, 952LMA/H, 2200MA, 2200UA/P

High-head Type

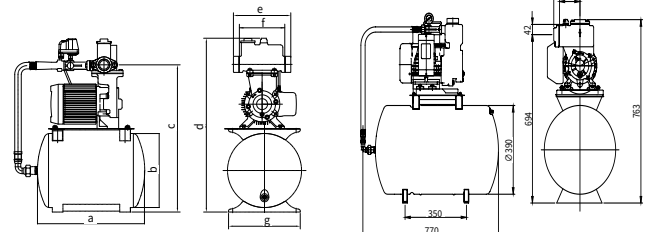


External Dimensions

PW-601LMA, 952LMA/H

PW-2200MA, 2200UA/P

Unit: mm



Model	a	b	c	d	e	f	g
PW-601LMA	410	263	340	620	232	180	260
PW-952LMA/H	410	263	558	666	234	186	260

Specifications

Model	Power	Output (W)	Max. Suction Lift (m)	Delivery Head (m)	Max Flow (ℓ/min)	Flange Size (mm, inch)	Tank Capacity (ℓ)	Weight (kg)
PW-601LMA	Single-phase 220V60Hz	600	8	22	40(Hs=6m)	32(PF 1 ¼")	20	34
PW-952LMA/H		950		25	80(Hs=6m)	40(PF 1 ½")		37
PW-2200MA		2,200		45	60(Hs=6m)		80	52
PW-2200UA/P	3-Phase, 380V, 60Hz							

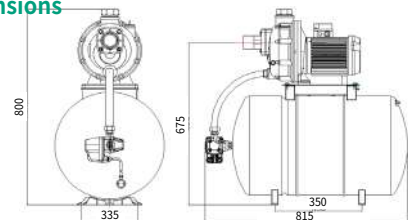
* "/H" models use IEC-standard motor core size.

PU-S991LMA/H

High-flow Type



External Dimensions



Unit: mm

Specifications

Model	Power	Output (W)	Max. Suction Lift (m)	Total Head (m)	Max Flow (l/min)	Flange Size (mm, inch)	Tank Capacity (l)	Weight (kg)
PU-S991LMA/H	Single-phase 220V/60Hz	990	6	26	330 (Hs=0.5m)	40(1 1/2")	80	49

* "/H" models are equipped with an IEC standard motor core.

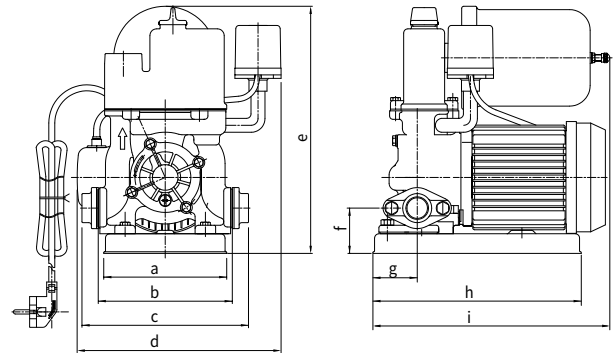
Booster Application (Compact)

PW-200SMA, 350SMA, 600SMA

Automatic Compact Pressure Tank



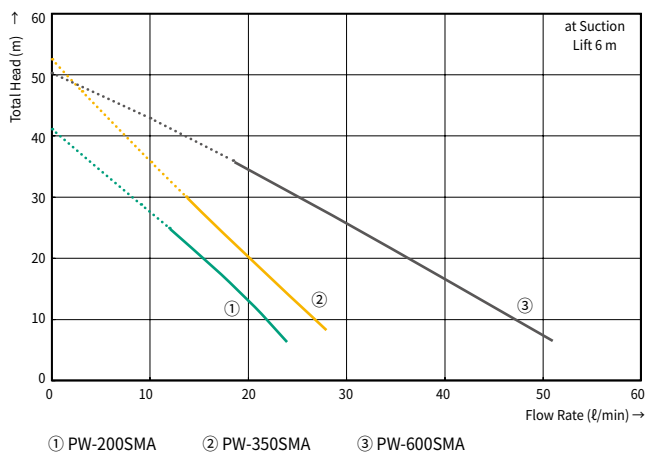
External Dimensions



Unit: mm

Model	a	b	c	d	e	f	g	h	i
PW-200SMA	144	155	193	220	276	50	47	244	265
PW-350SMA		157	201		292	53			
PW-600SMA	190	180	230	265	319	66	63	277	292

Performance Curve



* The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the operating range.

Specifications

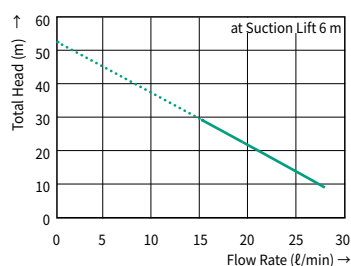
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max. Flow Rate (l/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PW-200SMA	Single-phase 220V 60Hz	200	15	8	7	24(Hs=6m)	20 (PF 3/4")	11	PW-K130MA
PW-350SMA		350	24		16	28(Hs=6m)	25 (PF 1")	14	PW-K252MA
PW-600SMA		600	26		18	40(Hs=6m)	32 (PF 1 1/4")	18	PW-406MA

PW-350NMA, 353NMA

Automatic Large Pressure Tank

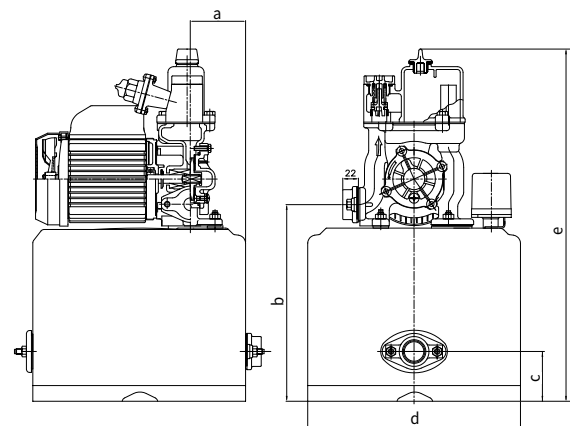


Performance Curve



* The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the operating range.

External Dimensions



Unit: mm

Model	a	b	c	d	e
PW-350NMA	73	274	70	Ø302	495
PW-353NMA			65		

Specifications

Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max. Flow Rate (l/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PW-350NMA	Single-phase, 220V, 60Hz	350	24	8	16	28 (Hs=6m)	25(PF 1")	19	PW-255MA
PW-353NMA									PW-256MA

Submersible Drainage Pump

DrainLift SANI CUT-L

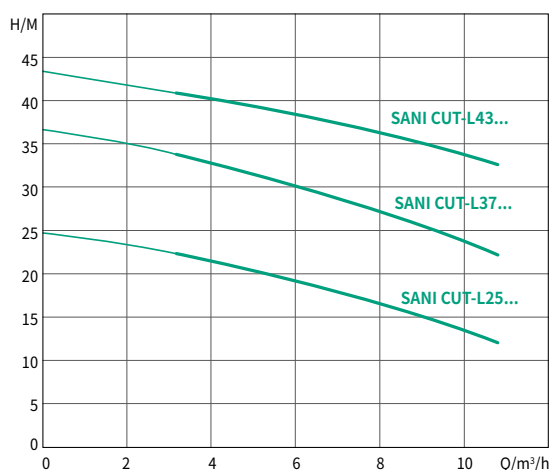
Drainlift



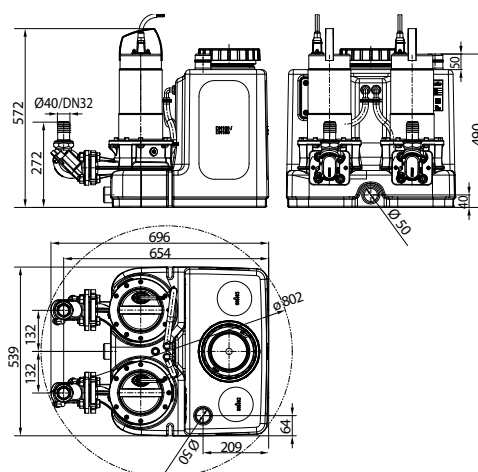
Key Features

- Transparent tank cover allows for visual inspection of the interior
- Suction-side perforation adjustable to installation environment: DN80–DN100
- Double-sealed stainless steel motor housing
- Optimized pump design / 2-stage cutting macerator combination (4 European patents)
- Compact tank size / Max. 180 LPM capacity
- Manual discharge nozzle (50mm)
- Built-in non-return valve
- Discharge pipe (DN40)

Performance Curve



External Dimensions



Specifications			
	SANI CUT-L.25T/1-O	SANI CUT-L.37T/1-O	SANI CUT-L.43T/1-O
Size	696x539x465mm	696x539x465mm	696x539x465mm
Impeller Type	2-stage grinding macerator	2-stage grinding macerator	2-stage grinding macerator
Motor Power	1.1 kW x 2 set	1.8 kW x 2 set	2.5 kW x 2 set
Rated Voltage	3-Phase, 380V	3-Phase, 380V	3-Phase, 380V
IP Rating	IP 68	IP 68	IP 68
Shut-off Head	Max. 25 m	Max. 37 m	Max. 43 m
Operating Duty	150LPM x 15m	150LPM x 25m	150LPM x 35m
Max. Processing Capacity	Max. 180LPM	Max. 180LPM	Max. 180LPM

Dual cutting effect

Macerator Disc-Type Design
Material 1.4581
Cumulative Cutting Area 24m/s

High-performance

A perfect combination of wastewater/ drainage pump and macerator for powerful performance.

1st shearing

Efficiently cuts and lifts the end section at the same time

* 4 rotating blades x 3 serrated edges

Safe and effective

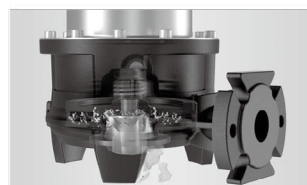
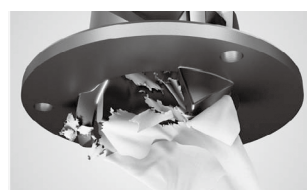
- Safe, clog-free operation
- High head with low power consumption
- Reduced installation costs

2nd shearing

Powerful inward shredding action
* 2 rotating blades x 3 serrated edges

Patented Wilo design

* Proprietary design protected by four registered design patents



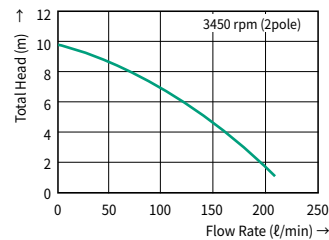
Submersible Drainage Pump

DLV-300MA

Drainlift



Performance Curve



Key Features

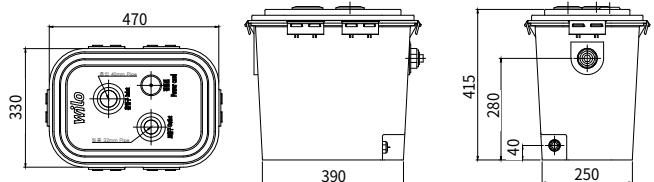
- Complete odor elimination: Perfect sealing with a built-in silicone gasket
- Optimized space efficiency: Streamlined structure for maximum space utilization
- Easy maintenance: Designed for smooth passage of debris
- Clean wastewater treatment using German technology: Ideal for hygienic kitchens and underground facilities

Applications

- For wastewater treatment in areas where natural drainage is not possible
- For domestic and industrial wastewater treatment in underground or semi-basement locations

External Dimensions

Unit: mm



Specifications

Model	Power	Output (W)	Max Head (m)	Max Flow (l/min)	Discharge (mm, inch)	Operating Capacity (l)	Weight (kg)
DLV-300MA	Single-phase, 220V, 60Hz	300	9	200	32(1 1/4")	23	18.5

PD-G050 Series

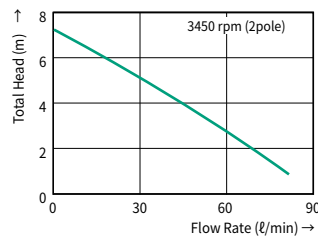
Volute Type



PD-G050M

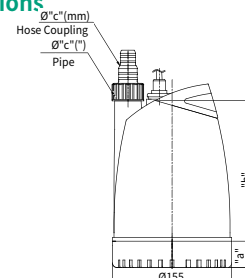
PD-G050MA

Performance Curve



External Dimensions

Unit: mm



Model	a	b	c
PD-G050M(A)	34,5	200	20, 25(Hose) 25(1", Pipe)

Specifications

Model	Power	Output (W)	Max Head (m)	Max Flow (l/min)	Discharge (mm, inch)	Weight (kg)
PD-G050M(A)	Single-phase, 220V, 60Hz	80	5	70	20, 25(1")	4.5

* PD-G050MA: Auto model (Float switch attached)

Key Features

- All wetted parts use corrosion-resistant materials
- Minimizes water remaining on the floor after drainage
- Top-discharge structure allows installation in narrow spaces
- Lightweight with handle for easy portability
- Strainer can be easily disassembled and assembled for easy foreign matter cleaning

Applications

- Public bathhouse cleaning, reservoir and aquarium cleaning
- Sink sewage treatment
- Building basement drainage, removal of various residual water

Submersible Drainage Pump

PD-200, 350, 550, 760 Series

Volute Type



PD-350M

PD-350MA

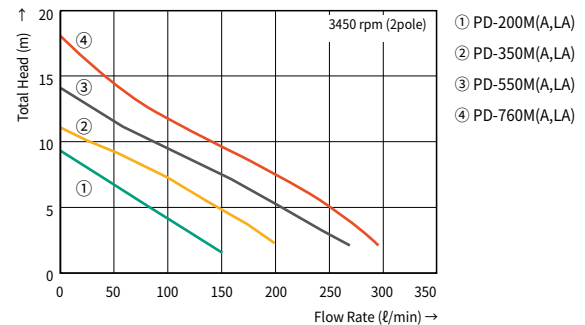
PD-350MLA

PD-760M

PD-760MA

PD-760MLA

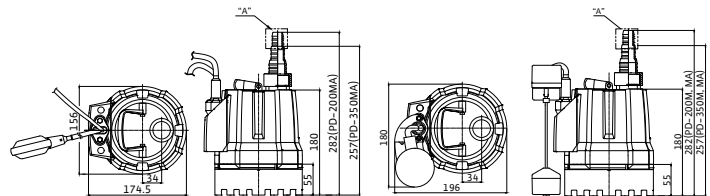
Performance Curve



External Dimensions

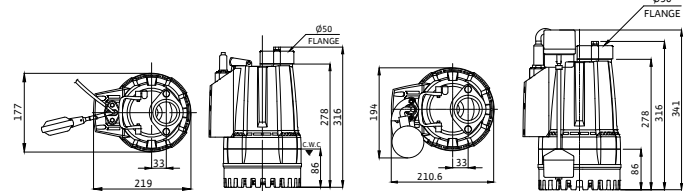
PD-200/350M(A)

PD-200/350MLA



PD-550/760M(A)

PD-550/760MLA



Unit: mm

Key Features

- Low water level operation
- Practical durability
- Excellent motor cooling
- Double sealing structure (Mechanical seal & oil seal)
- Compact, lightweight, practical design
- Wide piping compatibility (1 1/4", 20, 25, 32 mm hose): PD-200/350 Series
- Air-release function: PD-550/760 Series
- High starting torque: PD-550/760 Series
- Excellent corrosion resistance
- Passes solids and debris freely

* Automatic operation in narrow spaces (when level switch space is secured)

Applications

- Building basement and simple sewer facility drainage and water tank cleaning (PD-200/350 Series)
- General miscellaneous drainage, construction sites, apartment basement rainwater drainage, agricultural/horticultural use (PD-550/760 Series)

Model	Dimensions	'A'	Øg (mm, inch)
PD-200M(A,LA)	With		20, 25, 32, 1 1/4"
PD-350M(A,LA)	Without		25, 32, 1 1/4"

Specifications							
Model	Power	Output (W)	Max. Head (m)	Flow Rate / Head (l/min)	Max. Flow Rate (l/min)	Discharge (mm, inch)	Weight (kg)
PD-200M(A,LA)	Single-phase 220V 60Hz	200	9	130(Ht=1m)	140	20,25,32,1 1/4"	5.5
PD-350M(A,LA)		350	11	180(Ht=1m)	190	25,32,1 1/4"	6
PD-550M(A,LA)		700	14	145(Ht=7m)	250	50, 2"	8
PD-760M(A,LA)		1,100	18	200(Ht=7m)	300	50, 2"	8.5

* PD-200/350MA, PD-550/760MA: Auto models (Float switch attached, automatic operation type)

* PD-200/350MLA, PD-550/760MLA: Auto models (Level switch attached, automatic operation type)

* Discharge port mm indicates hose coupling diameter; inch indicates nominal pipe size that can be directly connected.

* All PD models are 2-pole.

* Cable length: PD-200/350M(A,LA): 3 m; other models 1HP and below: 5 m 5m

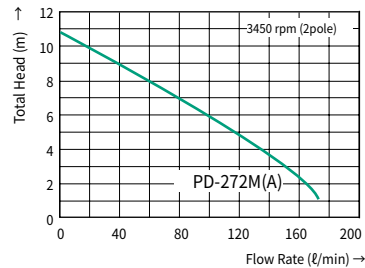
Submersible Drainage Pump

PD-272 Series

Volute Type



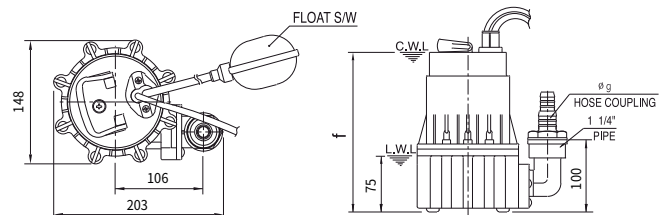
Performance Curve



Key Features

- Waterproofing achieved by moulded cable fixing
- Engineering plastic used - addresses corrosion weakness of cast-iron products
- STS316 Shaft material for enhanced corrosion resistance
- Additional oil seal to prevent shaft erosion
- Lightweight for easy mobile use

External Dimensions



Unit: mm

Model	f	Øg (mm, inch)
PD-272M(A)	270	Ø25, 32, 1 1/4"

Applications

- Public bathhouse cleaning, fountains, and building basement drainage

Specifications

Model	Power	Output (W)	Max Head (m)	Max Flow (l/min)	Discharge (mm, inch)	Weight (kg)
PD-272M(A)	Single-phase 220V 60HA	300	9.5	140 (Ht = 3m)	25, 32, 1 1/4"	6

* PD-272MA: Auto model (Float switch attached)

TS 32/10, 40/13 Series

Volute Type

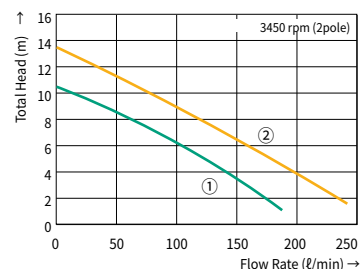


TS 32/10A, TS 40/13A



TS 32/10LA

Performance Curve



① TS 32/10(A, LA) ② TS 40/13(A, LA)

Applications

- General drainage and temporary drainage at restaurants
- Building and structure basement drainage, flood drainage
- Construction site drainage
- Agricultural, horticultural, and general equipment use, fountains
- Public bathhouse/pool cleaning

Specifications

Model	Power	Output (W)	Max Head (m)	Max Flow (l/min)	Discharge (mm, inch)	Weight (kg)
TS 32/10(A, LA)	Single-phase 220V 60HZ	350	10	175	25(1") 32(1 1/4")	6.3
TS 40/13(A, LA)		600	13	220	40(1 1/2")	8.5

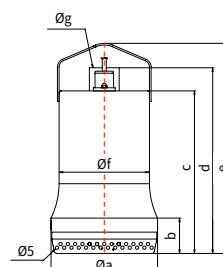
* TS 32/10A, TS 40/13A: Auto model (Float switch attached)

* TS 32/10LA, TS 40/13LA: Auto model (Level switch attached)

Key Features

- Stainless steel; strong against impact and abrasion
- All wetted parts use corrosion-resistant materials; stainless steel Impeller in particular enhances abrasion resistance
- Water-passage cooling for excellent cooling effect
- Top-discharge structure allows installation in narrow spaces (TS 32/10(A) : 161mm, TS40/13(A) : 171mm)

External Dimensions



Unit: mm

Model	Øa	b	c	d	e	Øf	Øg
TS 32/10(A, LA)	161	53	246	280	317	136.5	32
TS 40/13(A, LA)	171	77	269	304	344	146.5	40

Submersible Drainage Pump

PD-L401, L901, H953, 401, 405, 951 Series

Volute Type



PD-401M/H



PD-401MA/H



PD-401MLA/H

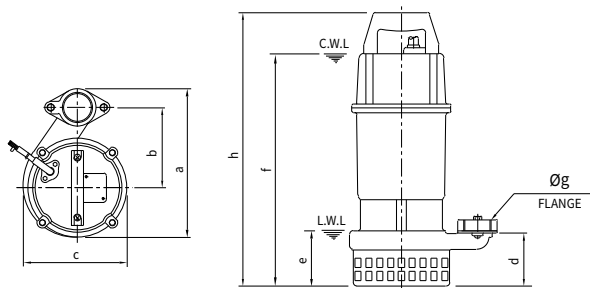


PD-405MA/H

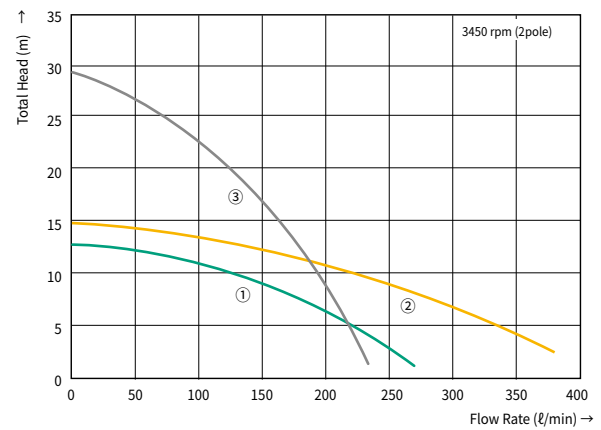
Applications

- General wastewater (including solids small enough to pass through a strainer-type inlet)
- Drainage from septic tanks and small treatment plants
- Small fountains and waterfalls
- Farming / horticulture
- Building basements, machine rooms, and sanitary drainage
- Leachate drainage in underground shopping areas and basements

External Dimensions



Performance Curve



- ① PD-401M(A, LA)/H, PD-L401M(A, LA), PD-405M(A)/H
 ② PD-951M(A)/H, PD-L901M(A, LA)
 ③ PD-H953M(A), PD-H953I

Unit: mm

Model	a	b	c	d	e	f	h	Øg
PD-L401M(A, LA)	248	130	171	93	102	350	406	50
PD-401M(A)/H	250	130	171	94.5	101	361	416	50
PD-401MLA/H	275	205	171	94.5	101	361	418	50
PD-405M(A)/H	250	130	171	94.5	101	361	416	40
PD-L901M(A, LA)	248	130	171	93	102	350	430	50
PD-951M(A)/H	250	130	171	94.5	101	383	438	50
PD-H953M(A)	248	124	179	-	86	372	428	50
PD-H953I	248	124	179	-	86	372	428	50

Specifications

Model	Power	Output (W)	Max Head (m)	Flow Rate / Head (l/min)	Max. Flow Rate (l/min)	Discharge (mm,inch)	Detachable Device	Weight (kg)
PD-L401M(A, LA)	Single-phase 220V, 60Hz	400	11	150(Ht=7m)	250	50(2")	AD-50	17.5
PD-401M(A, LA)/H				160(Ht=7m)	250	40(1 1/2")	-	17.5
PD-405M(A)/H		950	14	250(Ht=7m)	350	50(2")	AD-50	19.5
PD-L901M(A, LA)				200(Ht=10m)	350	50(2")	AD-50	19.5
PD-951M(A)/H			28	200(Ht=10m)	230	50(2")	AD-50	22
PD-H953M(A)				150(Ht=15m)	230	50(2")	AD-50	22
PD-H953I	3-Phase, 380V, 60Hz							

* A/LA Model: Auto model (Float/Level Switch attached)
 "/H" models are equipped with an IEC Standard Motor Core.

* PD-405MA/H, PD-951M(A)/H, PD-H953MA: High-efficiency energy equipment certified models

Submersible Drainage Pump

PDV-A600, A950 Series

Vortex Type

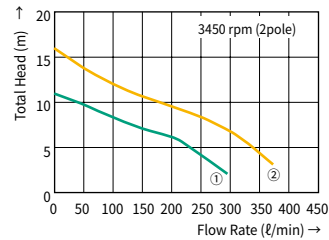


PDV-A600/A950M



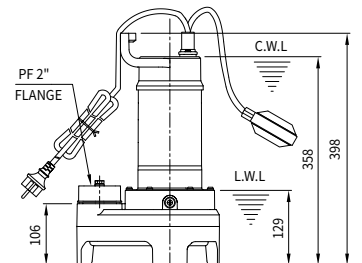
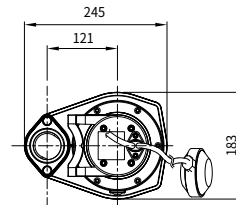
PDV-A600MLA

Performance Curve



- ① PDV-A600M(A,LA)
② PDV-A950M(A)

External Dimensions



Unit: mm

Applications

- Wastewater, building basement drainage
- General facilities for agriculture, horticulture, etc.

Specifications

Model	Power	Output (W)	Maximum Head (m)	Flow Rate/Head (l/min)	Max. Flow Rate (l/min)	Discharge Port (mm, inch)	Weight (kg)	Impeller Material	Type
PDV-A600M(A,LA)	Single-phase 220V 60Hz	600	11	180(Ht=6m)	290	50(2")	9	STS304	Vortex Type
PDV-A950M(A)		950	16	300(Ht=6m)	360		9.5		

* "A" or "LA" Models: Automatic models (Built-in float/level switch)

PD -A601, A951 Series

Volute Type

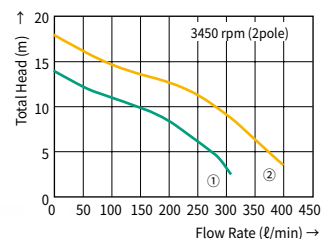


PD-A601/A951M



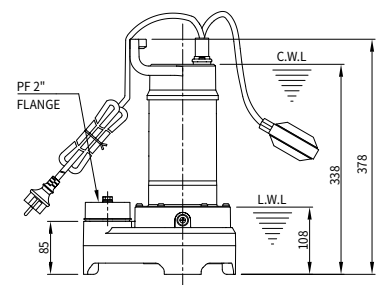
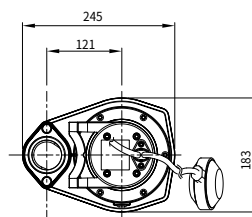
PD-A601MLA

Performance Curve



- ① PD-A601M(A,LA)
② PD-A951M/MA

External Dimensions



Unit: mm

Applications

- Wastewater, building basement drainage
- General facilities for agriculture, horticulture, etc.

Specifications

Model	Power	Output (W)	Maximum Head (m)	Flow Rate/Head (ℓ/min)	Max. Flow Rate (ℓ/min)	Discharge Port (mm,inch)	Weight (kg)	Impeller Material	Type
PD-A601M(A,LA)	Single-phase 220V 60Hz	600	14	200(Ht=7m)	310	50(2")	9	ENPLA	Volute Type
PD-A951M		950	18	300(Ht=7m)	390				
PD-A951MA				230(Ht=11m)					

* "A" or "LA" Models: Automatic models (Built-in float/level switch)

* PD-A951MA: Certified high-efficiency energy equipment

Submersible Drainage Pump

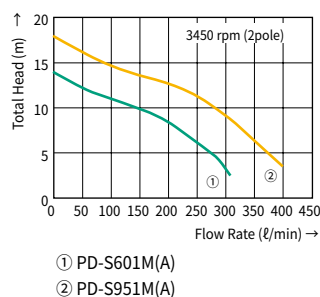
PD-S601, S951 Series

Volute Type



PD-S601/S951 Series

Performance Curve



Key Features

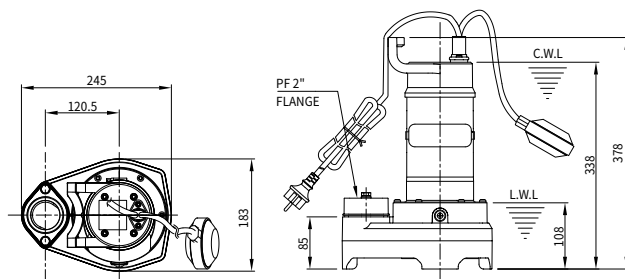
- Corrosion in seawater suppressed by attached aluminum sacrificial anode (patent obtained)
- Incorporates all advantages of existing PD-A601/A951 Series drainage pumps, additionally designed to resist seawater

Applications

- Aquarium circulation and drainage
- Seawater drainage for seawater treatment systems
- Seawater circulation and drainage for fish farms and aquaculture facilities

External Dimensions

Unit: mm



Specifications							
Model	Power	Output (W)	Max Head (m)	Flow Rate / Head (l/min)	Max Flow (l/min)	Discharge (mm, inch)	Weight (kg)
PD-S601M(A)	Single-phase 220V 60Hz	600	14	200 (Ht=7m)	310	50(2")	9
PD-S951M(A)		950	18	300 (Ht=7m)	390		9.5

*A Models: Automatic models (Built-in float switch)

PD-1505, 1515 Series

Volute Type



PD-1505MA

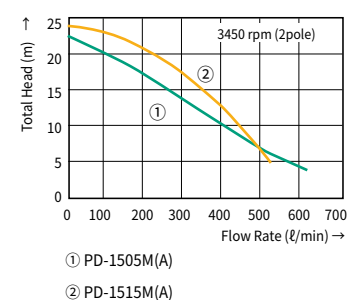


PD-1515MA

Applications

- General drainage and temporary drainage at restaurants
- Basement drainage in buildings and facilities, and floodwater removal during heavy rain
- Drainage at construction sites
- Agricultural, horticultural, and general equipment use, fountains

Performance Curve



Key Features

- Best-in-class head (21 m) and max. flow rate (550 l/min) in the 2HP category
- STS stainless steel shaft as standard
- Double mechanical seal and oil seal for complete oil-leak prevention
- Temperature overheat protection device (T·P) prevents motor burnout

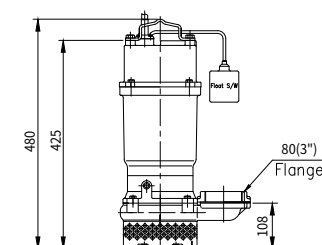
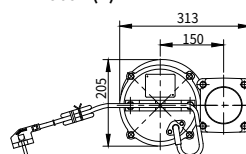
Specifications							
Model	Power	Output (kW)	Max Head (m)	Max Flow (l/min)	Discharge (mm, inch)	Auto Device	Weight (kg)
PD-1505M(A)	Single-phase 220V 60Hz	1.5	21	550	80(3")	-	30.5
PD-1515M(A)				500	50(2")	AD-50	

* A Models: Automatic models (Built-in float switch)

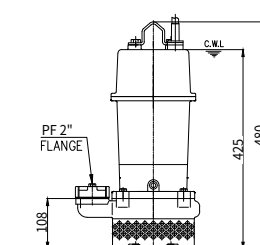
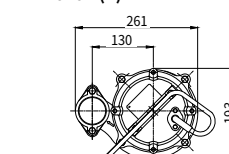
* PD-1515MA: Certified high-efficiency energy equipment

External Dimensions

PD-1505M(A)



PD-1515M(A)



Unit: mm

Submersible Drainage Pump

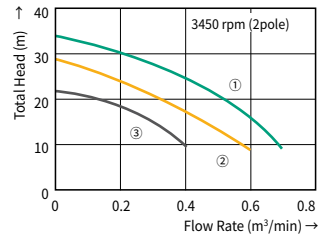
PD-1505I, 2200I, 2205I, 3701I, 3705I

Volute Type



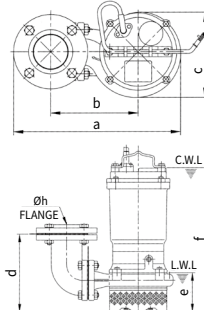
PD-1505I

Performance Curve



- ① PD-3701I/3705I
- ② PD-2200I/2205I
- ③ PD-1505I

External Dimensions



Unit: mm

Model	a	b	c	d	e	f	Øh
PD-1505I	261	130	193	108	108	425	50
PD-2200I	417	218	212	236	119	429	80
PD-2205I	421						65
PD-3701I	504	286	262	276	178	513	80
PD-3705I	499						65

Specifications

Model	Power	Output (kW)	Discharge Diameter (mm, inch)	Detachable Device	Head (m)	Flow Rate (m³/h)	Weight (kg)
PD-1505I	Three-phase 380V 60Hz	1.5(2HP)	50(2")	AD-50	17	15	30
PD-2200I		2.2(3HP)	80(3")	AD-65/80	21	18	50
PD-2205I			65(2 1/2")				
PD-3701I		3.7(5HP)	80(3")			30	68
PD-3705I			65(2 1/2")				

* PD-1505I/2205I/3705I : Certified high-efficiency energy equipment

* Other voltage options are available upon request.

* PD-1505I/2200I/3701I : Stainless steel impeller option available

Applications

- General wastewater (including solids small enough to pass through a strainer-type inlet)
- Drainage from septic tanks and small treatment plants
- Agricultural and horticultural use
- Small fountains and waterfalls
- Building basements, machine rooms, and sanitary drainage
- Leachate drainage in underground shopping areas and basements

PD-5500I, 7500I, 11KI, 15KI

Volute Type



PD-5500I

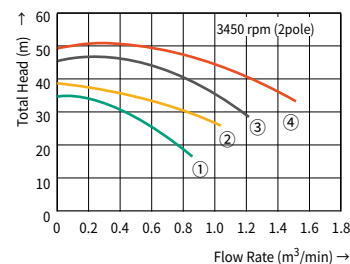


PD-7500I



PD-11KI, 15KI

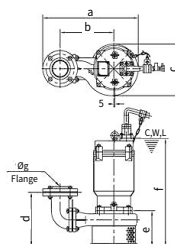
Performance Curve



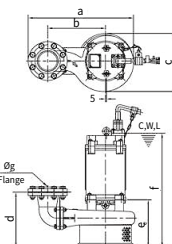
- ① PD-5500I
- ② PD-7500I
- ③ PD-11KI
- ④ PD-15KI

External Dimensions

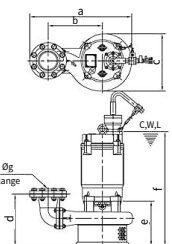
PD-5500I



PD-7500I



PD-11KI, 15KI



Unit: mm

Model	a	b	c	d	e	f	Øg
PD-5500I	509	286	262	274	181	549	80
PD-7500I	566	310	314	296	256	616	100
PD-11KI	583	310	330	297	257	657	
PD-15KI					257	707	

Applications

- General drainage (including solids smaller than the strainer inlet)
- Drainage for building machine rooms and sanitary equipment
- Agricultural and horticultural use
- Leachate drainage in underground shopping areas and basements!

Specifications

Model	Power	Output (kW)	Discharge Diameter (mm, inch)	Detachable Device	Head (m)	Flow Rate (m³/h)	Weight (kg)
PD-5500I	Three-phase 380V 60Hz	5.5(7.5HP)	100(4")	AD-80	25	36	80
PD-7500I		7.5(10HP)		AD-100	30	48	104
PD-11KI		11(15HP)			33	66	132
PD-15KI		15(20HP)			40	72	150

* Other voltage options are available upon request.

* Y-Δ (Delta) starting is the standard for 15kW (20HP) or higher

* PD-5500I/ 7500I/11KI/15KI : Certified high-efficiency energy equipment

* PD-5500I/7500I/11KI/15KI : models with stainless steel impeller option

Submersible Drainage Pump

PDV-300, L400, L900, 400, 950 Series

Vortex Type

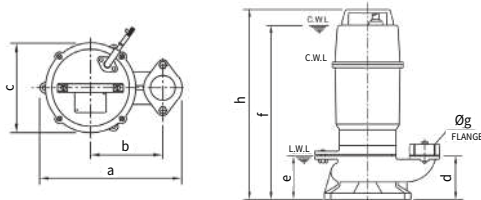


PDV-400M/H

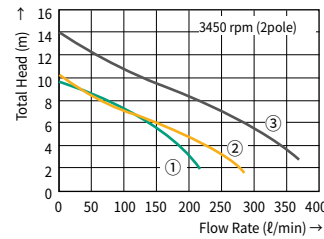
PDV-400MA/H

PDV-400MLA/H

External Dimensions



Performance Curve



Applications

- Circulation in wastewater treatment plants
- Septic tanks (pumping liquids containing solids)
- Drainage for livestock facilities and wastewater treatment plants

- ① PDV-300M(A,LA)
- ② PDV-L400M(A,LA), 400M(A,LA)/H
- ③ PDV-L950M(A,LA), 950M(A)/H, 952I

* PDV-300M(A) has no flange.

Unit: mm

Model	a	b	c	d	e	f	h	Øg
PDV-300M(A)	190	96	138	87	77	311	365	32
PDV-300MLA	225	96	190	87	77	311	365	32
PDV-L400M(A,LA)	252	120	145	95	95	370	420	50
PDV-400M(A)/H	253	120	172	95	95	383	438	50
PDV-400MLA/H	263	120	208	95	95	383	438	50
PDV-L950M(A,LA)	252	120	145	95	95	395	450	50
PDV-950M(A)/H	253	120	172	95	95	404.5	459.5	50
PDV-952I	252	120	145	95	95	341	390	50

Specifications

Model	Power	Output (W)	Max. Head (m)	Flow Rate / Head (ℓ /min)	Max. Flow (ℓ /min)	Discharge (mm, inch)	Detachable Device	Weight (kg)
PDV-300M(A,LA)	Single-phase, 220V, 60Hz	300	9	145(Ht=3m)	200	32(1 1/4")	-	13
PDV-L400M(A,LA)		400	9	130(Ht=6m)	250	50(2")	AD-50	18
PDV-400M(A,LA)/H								18
PDV-L950M(A,LA)		950	12	250(Ht=6m)	350			21
PDV-950M(A)/H								21
PDV-952I	3-Phase, 380V, 60Hz	950						

* "A" or "LA" Models: Automatic models (Built-in float/level switch)

*PDV-950 series optional impeller material: stainless steel

**"/H" models are equipped with an IEC Standard Motor Core.

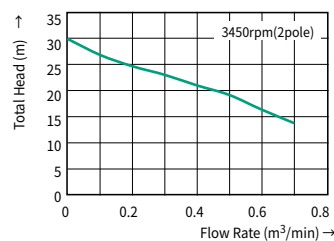
PDV-H3700I

Vortex Type

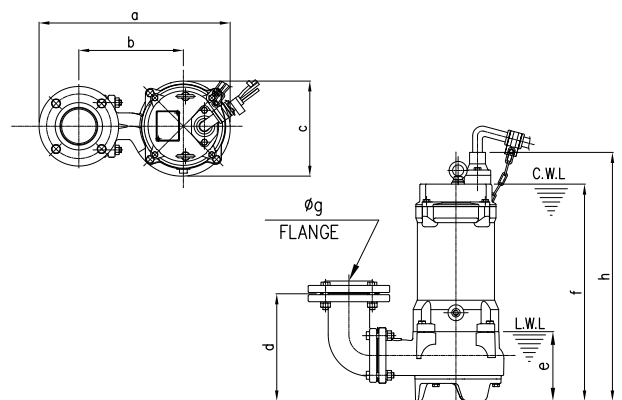


PDV-H3700I

Performance Curve



External Dimensions



Unit: mm

Model	a	b	c	d	e	f	Øg	h
PDV-H3700I	445	243	221	244	158	493	80	565

Applications

- Wastewater treatment plant circulation
- Septic tanks (transfer of liquids containing solids)
- Drainage for livestock facilities and wastewater treatment plants

Specifications

Model	Power	Output (kW)	Discharge Diameter (mm, inch)	Detachable Device	Head (m)	Flow Rate (m³/h)	Weight (kg)
PDV-H3700I	3-Phase, 380V, 60Hz	3.7(5HP)	Ø80(3")	AD-65/80	20	24	70

Submersible Drainage Pump

PDX Series

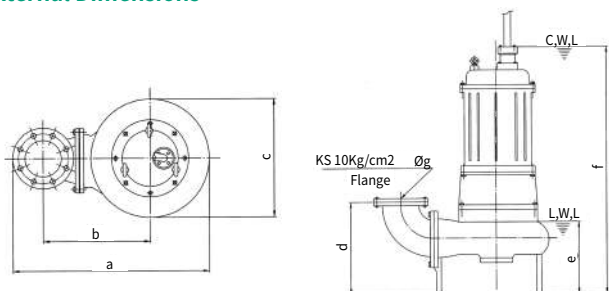
Vortex Type



Applications

- Drainage for livestock wastewater facilities
- Wastewater transfer from sewage treatment plants and septic facilities
- Wastewater transfer for liquids containing solids
- Drainage for wastewater treatment plants

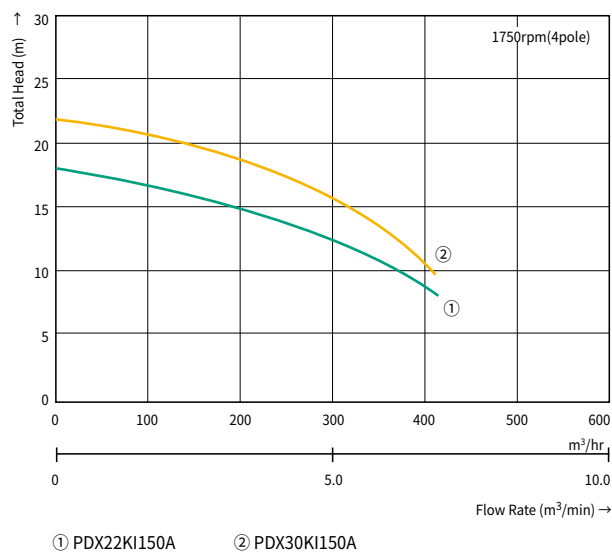
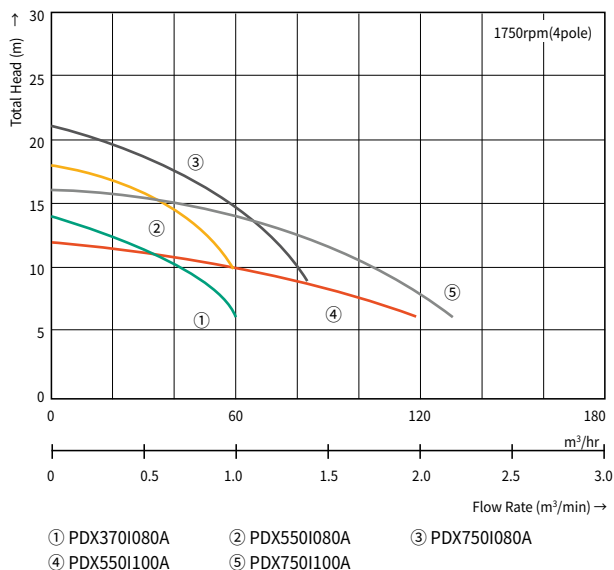
External Dimensions



Unit: mm

Model	a	b	c	d	e	f	Øg
PDX370I080A	534	320	280	232	314	634	80
PDX550I080A	562		300		335	743	
PDX750I080A							
PDX550I100A	612	340	344	264	226	778	100
PDX750I100A							
PDX22KI150A	863	500	446	400	320	1059	150
PDX30KI150A							

Performance Curve



Specifications

Model	Power	Output (kW)	Discharge Diameter (mm,inch)	Auto Device	Head (m)	Flow Rate (m³/h)	Rotation Speed (rpm)	Weight (kg)
PDX370I080A	Three-phase 380V 60Hz	3.7(5HP)	80(3")	ADD-80	9	48	1750	85
PDX550I080A		5.5(7.5HP)			13	48		110
PDX750I080A		7.5(10HP)			16	51		120
PDX550I100A		5.5(7.5HP)	100(4")	ADD-100	8	96		180
PDX750I100A		7.5(10HP)			11	96		195
PDX22KI150A		22(30HP)	150(6")	ADD-150	14	240		450
PDX30KI150A		30(40HP)			18	240		470

* Other voltage options are available upon request.

* For models with a motor power of 18.5kW (25HP) and above, Y-Δ (delta) starting is standard.

Submersible Drainage Pump

PDN-1405 Series

NON - CLOG TYPE



Specifications

Model	Power	Output (W)	Max. Head (m)	Flow Rate/ Head (ℓ/min)	Max. Flow Rate (ℓ/min)	Discharge (mm, inch)	Detachable Device	Weight (kg)
PDN-1405M/H	Single-phase, 220V, 60Hz	950	16	300(Ht=7m)	400	50(2")	AD-50	25
PDN-1405MA/H	Single-phase, 220V, 60Hz			270(Ht=8m)				26
PDN-1405I	3-Phase, 380V, 60Hz			300(Ht=7m)				23

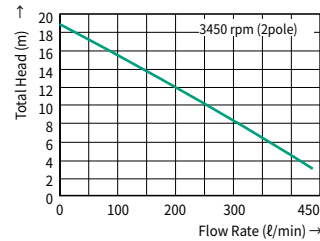
*A Models: Automatic models (Built-in float switch)

*Alternative material for the PDN-1405 Series impeller: Stainless steel

*PDN-1405MA/H, PDN-1405I: Certified high-efficiency energy equipment

**"/H" models are equipped with an IEC Standard Motor Core.

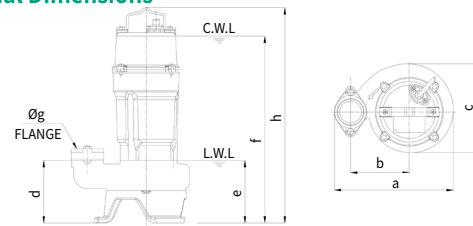
Performance Curve



Applications

- Wastewater and sewage discharge from sewage treatment or septic facilities
- Building drainage and sanitation systems
- For industrial wastewater treatment processes in factories, etc.
- For combined treatment processes

External Dimensions



Unit: mm

Model	a	b	c	d	e	f	h	Øg
PDN-1405I	261	130	193	139	139	388	420	50
PDN-1405M(A)/H	263	130	194	139	139	421	476	50

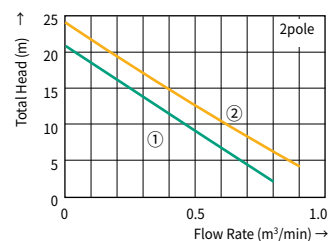
PDN-2200,2205,2500,2505, PDV-3700 Series

NON - CLOG TYPE



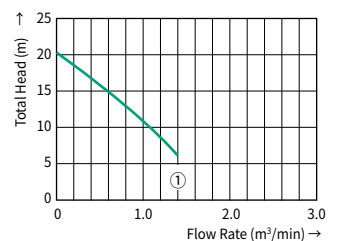
PDN-2200I/T/V, 2500I/T/V

Performance Curve



① PDN-2200I/T/V, 2205I/T/V

② PDN-2500I/T/V, 2505I/T/V



① PDV-3700I/T/V

Applications

- Sewage and waste drainage from sewage treatment and waste disposal facilities
- Building facility drainage and sanitary installations
- Industrial wastewater treatment processes in factories and plants
- Combined treatment facility process applications

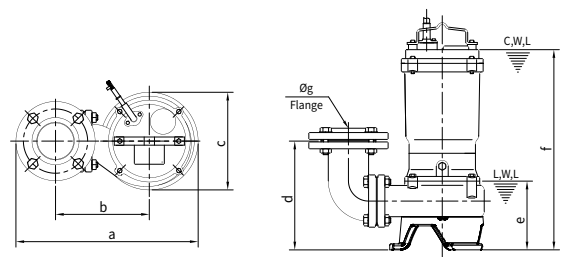
Specifications

Model	Power	Output (kW)	Discharge Diameter (mm, inch)	Detachable Device	Head (m)	Flow Rate (m³/h)	Weight (kg)
PDN-2200I/T/V	Three-phase 380V/220V	1.5(2HP)	80(3")	AD-65/80	10	26.4	50
PDN-2205I/T/V			65(2 1/2")			36	55
PDN-2500I/T/V	440V/60Hz	2.2(3HP)	80(3")		12	30	
PDN-2505I/T/V			65(2 1/2")			54	100
PDV-3700I/T/V		3.7(5HP)	80(3")				

* Stainless steel impeller option available

* PDN-2205I/2505I: Certified high-efficiency energy equipment

External Dimensions



Unit: mm

Model	a	b	c	d	e	f	Øg
PDN-2200I/T/V	426	219	228	254	160	458	80
PDN-2205I/T/V	420	218					65
PDN-2500I/T/V	426	219					80
PDN-2505I/T/V	420	218					65
PDV-3700I/T/V	546	287	332	270	187	514	80

Submersible Drainage Pump

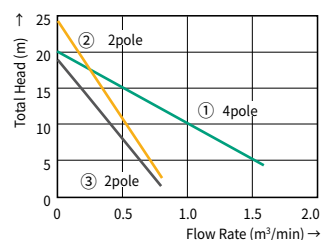
PDC-2201, 2205, 2500, 2505, 3700 Series

CUTTER TYPE



PDC-3700I/T/V

Performance Curve



- ① PDC-3700I/T/V
- ② PDC-2500I/T/V, 2505I/T/V
- ③ PDC-2201I/T/V, 2205I/T/V

Specifications

Model	Power	Output (kW)	Discharge Diameter (mm, inch)	Detachable Device	Head (m)	Flow Rate (m³/h)	Weight (kg)
PDC-2201I/T/V	Three-phase 380V / 220V / 440V	1.5 (2HP)	80(3")	AD-65/80	10	24	50
PDC-2205I/T/V			65(2 1/2")			33	
PDC-2500I/T/V		2.2 (3HP)	80(3")		11	30	55
PDC-2505I/T/V			65(2 1/2")			54	
PDC-3700I/T/V	60Hz	3.7(5HP)	80(3")				100

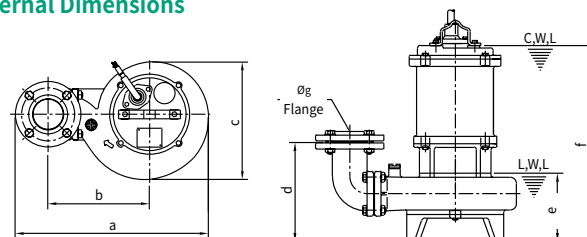
* PDC-2201/2500: Strainer type (detachable) * PDC-3700: Tripod type (integrated)

* PDC-2205I/2505I: Certified high-efficiency energy equipment

Applications

- Sewage and waste drainage from sewage treatment and waste disposal facilities
- Building facility drainage and sanitary installations
- Industrial wastewater treatment processes in factories and plants
- Combined treatment facility process applications

External Dimensions



in: mm

Model	a	b	c	d	e	f	Øg
PDC-2201I/T/V	426	219	228	254	160	458	80
PDC-2205I/T/V	420	218					65
PDC-2500I/T/V	426	219					80
PDC-2505I/T/V	420	218					65
PDC-3700I/T/V	546	287	332	270	187	514	80

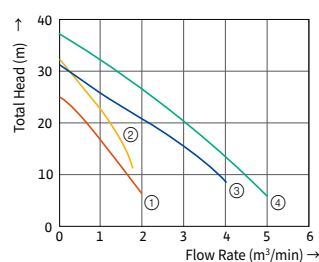
PDN-5500,7500,11K,15K Series

NON - CLOG TYPE



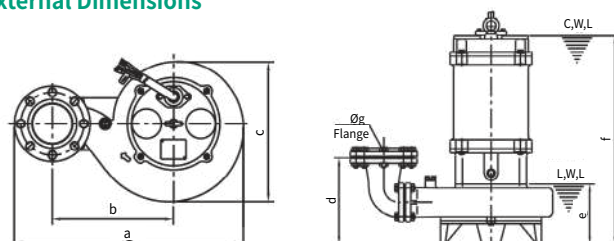
PDN-5500I/T/V, 7500I/T/V

Performance Curve



- ① PDN-5500I/T/V
- ② PDN-7500I/T/V
- ③ PDN-11KI/T/V
- ④ PDN-15KI/T/V

External Dimensions



Unit: mm

Model	a	b	c	d	e	f	Øg
PDN-5500I/T/V	636	337	388	271	189	654	100
PDN-7500I/T/V							
PDN-11KI/T/V	894	530	448	365	277	830	150
PDN-15KI/T/V							

* Y-△ (Delta) starting is the standard for 15kW (20HP) or higher

* PDN-7500I: Certified high-efficiency energy equipment

* PDN-5500I/T/V, 7500I/T/V: models with stainless steel impeller option

* For high-head, sand-handling, and large-capacity sewage applications, please refer to the Drainage Pump catalog.

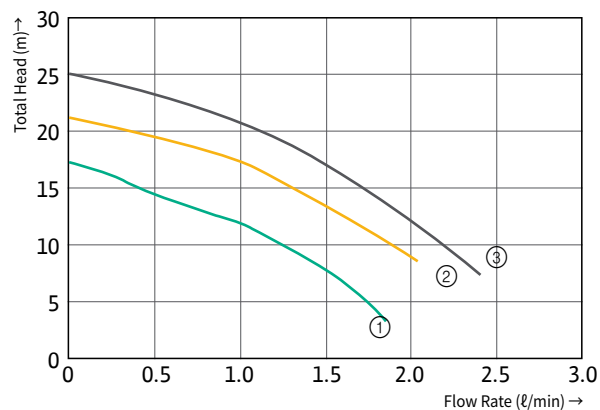
Submersible Drainage Pump

PDN-3710/5510/7510 Series

NON - CLOG TYPE



Performance Curve



① PDN-3710I ② PDN-5510I ③ PDN-7510I

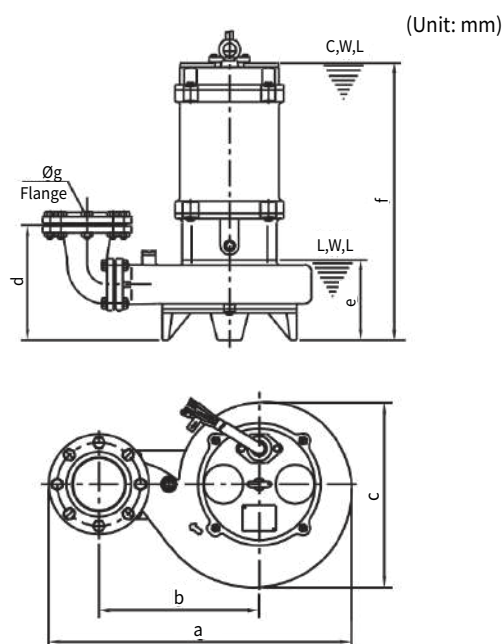
Key Features

- Improved wear resistance compared to existing products with GCD impeller
- Improved product vibration with 2-vane impeller design
- Improved motor durability with the 6306 upper bearing
- Safety ensured with motor protection devices and KC certification

Applications

- For piggery and livestock shed use (sludge transfer / purification system circulation — liquid fertiliser, aeration, etc.)
- For draining sewage and waste from sewage treatment plants
- Building drainage and sanitation systems
- For industrial wastewater treatment processes in factories, etc.
- For combined treatment processes

External Dimensions



Model	a	b	c	d	e	f	Øg
PDN-3710I/T/V	546	287	332	270	187	514	80
PDN-5510I/T/V	636	337	388	271	189	654	100
PDN-7510I/T/V							

Specifications

Model	Power	Output (kW)	Discharge Diameter (mm(inch))	Detachable Device	Head (m)	Flow Rate (m³/min)	Diameter (mm, inch)
PDN-3710I/T/V	Three-phase 380V/220V/440V 60Hz	3.7(5HP)	80(3")	AD-65/80	12	54	100
PDN-5510I/T/V		5.5(8HP)	100(4")	AD-80/100	16	60	130
PDN-7510I/T/V		7.5(10HP)			18	75	131

Submersible Drainage Pump

PDG Series

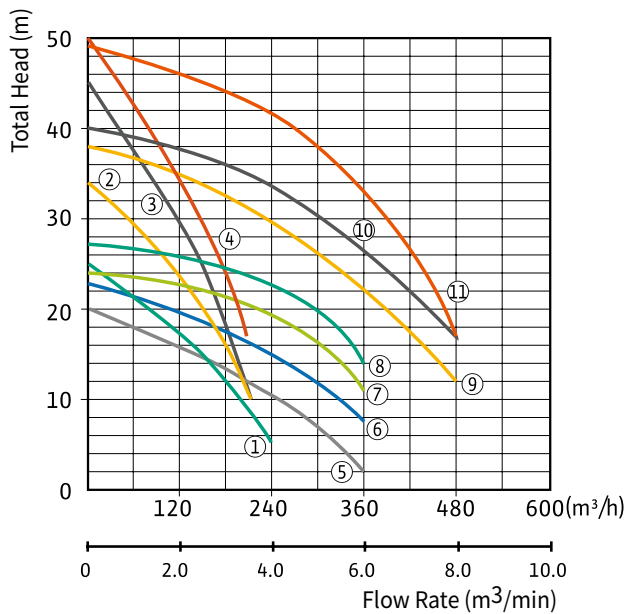
NON - CLOG TYPE



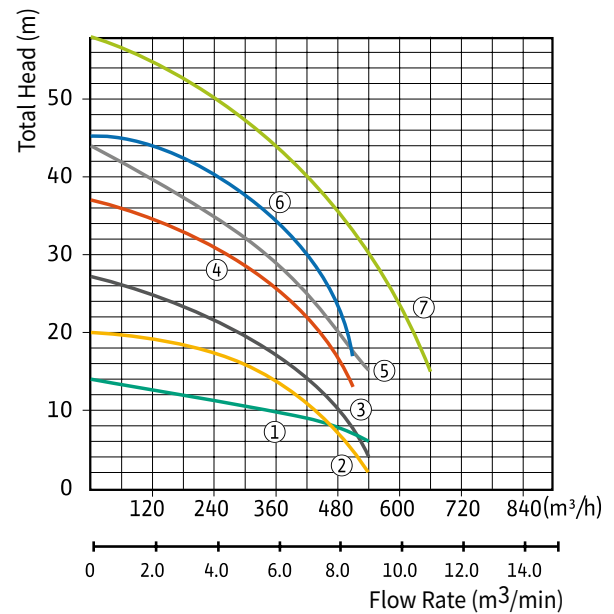
Applications

- Industrial wastewater from factories and drainage from wastewater treatment plants
- Wastewater transfer from sewage treatment plants and septic facilities
- Building drainage systems
- Drainage for combined treatment processes

Performance Curve



- | | |
|---------------|---------------|
| ① PDG11KI150A | ② PDG15KI150A |
| ③ PDG22KI150A | ④ PDG30KI150A |
| ⑤ PDG11KI200A | ⑥ PDG15KI200A |
| ⑦ PDG22KI200A | ⑧ PDG30KI200A |
| ⑨ PDG37KI200A | ⑩ PDG45KI200A |
| ⑪ PDG55KI200A | |



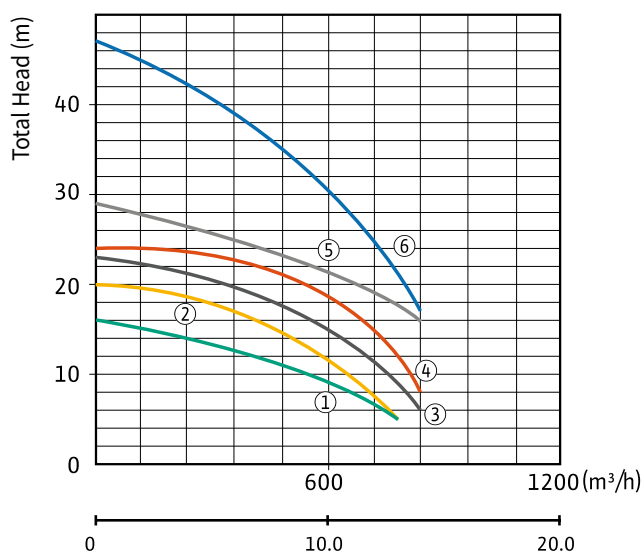
- | | |
|---------------|---------------|
| ① PDG15KI250A | ② PDG22KI250A |
| ③ PDG30KI250A | ④ PDG37KI250A |
| ⑤ PDG45KI250A | ⑥ PDG55KI250A |
| ⑦ PDG75KI250A | |

Submersible Drainage Pump

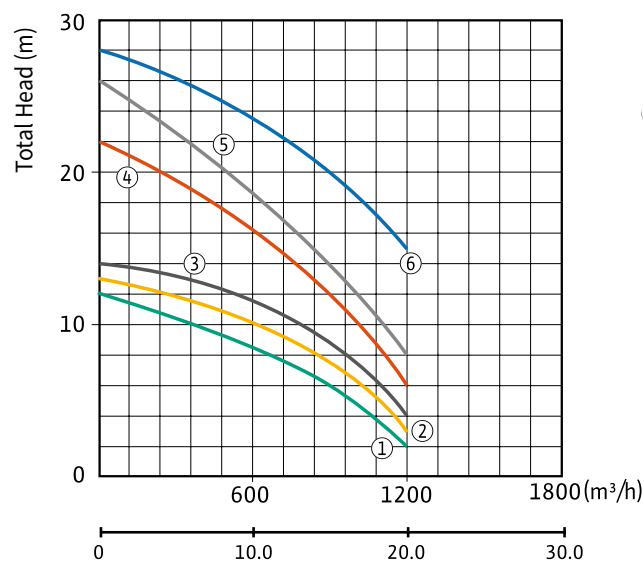
PDG Series

NON - CLOG TYPE

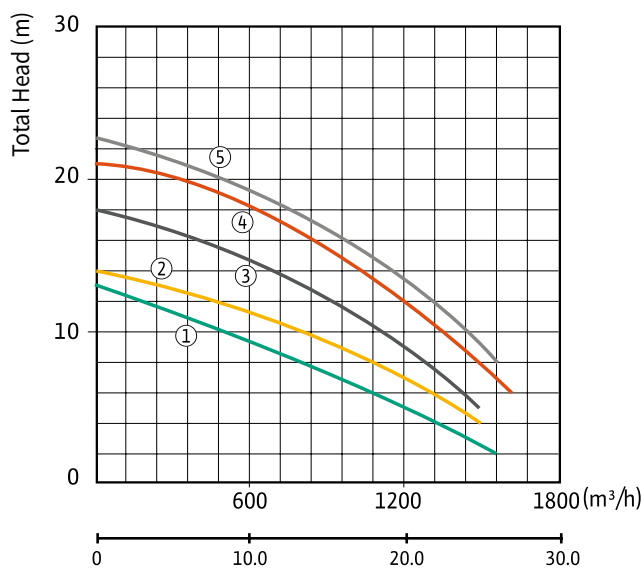
Performance Curve



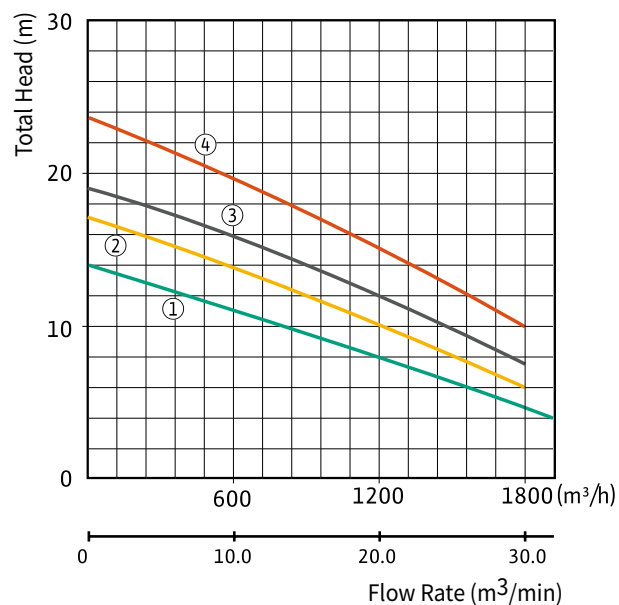
- ① PDG22KI300A ② PDG30KI300A
 ③ PDG37KI300A ④ PDG45KI300A
 ⑤ PDG55KI300A ⑥ PDG75KI300A



- ① PDG22KI350A ② PDG30KI350A
 ③ PDG37KI350A ④ PDG45KI350A
 ⑤ PDG55KI350A ⑥ PDG75KI350A



- ① PDG30KI400A ② PDG37KI400A
 ③ PDG45KI400A ④ PDG55KI400A
 ⑤ PDG75KI400A



- ① PDG37KI500A ② PDG45KI500A
 ③ PDG55KI500A ④ PDG75KI500A

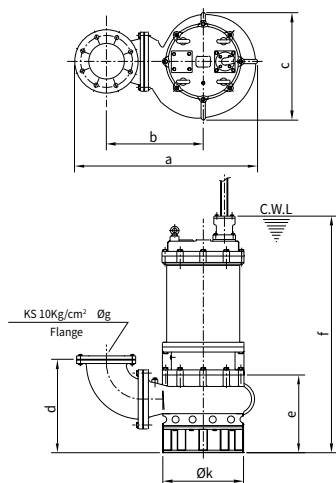
Submersible Drainage Pump

PDG Series

NON - CLOG TYPE

External Dimensions

Unit: mm



Model	a	b	c	d	Øk	e	f	Øg	Model	a	b	c	d	Øk	e	f	Øg
PDG11KI150A	850	460	500	435	500	310	983	150	PDG37KI300A	1430	795	820	665	552	510	1416	300
PDG15KI150A									PDG45KI300A								
PDG22KI150A									PDG55KI300A								
PDG30KI150A									PDG75KI300A								
PDG11KI200A	1010	582	546	460	500	320	1006	200	PDG22KI350A	1735	970	915	772	620	610	1446	350
PDG15KI200A									PDG30KI350A								
PDG22KI200A									PDG37KI350A								
PDG30KI200A									PDG45KI350A								
PDG37KI200A	1030	580	584	500	550	430	1301	250	PDG55KI350A	1518	835	945	742	875	635	1633	400
PDG45KI200A									1733								
PDG55KI200A									1763								
PDG30KI400A																	
PDG15KI250A	1238	675	750	688	725	600	1279	250	PDG37KI400A	1593	875	945	875	875	720	1633	500
PDG22KI250A									PDG45KI400A								
PDG30KI250A									PDG55KI400A								
PDG37KI250A									PDG75KI400A								
PDG45KI250A	1182	655	653	600	552	480	1378	250	PDG37KI500A	2093	1200	1100	1100	1050	840	2366	
PDG55KI250A									PDG45KI500A						2466		
PDG75KI250A									PDG55KI500A						2258		
PDG22KI300A									PDG75KI500A						2466		
PDG30KI300A	1348	795	820	665	552	510	1332	300									

※ The above dimensions are subject to change based on product specifications

Specifications

Model	Power	Output (kW)	Total Head (m)	Flow Rate (m3/h)	Rotation Speed (rpm)	Diameter (mm)	Weight (kg)	Model	Power	Output (kW)	Total Head (m)	Flow Rate (m3/h)	Rotation Speed (rpm)	Diameter (mm)	Weight (kg)		
PDG11KI150A	Three-phase 380V 60Hz	11	15.0	150	1750	150	310	PDG37KI300A	Three-phase 380V 60Hz	37	15.0	600	1150	300	800		
PDG15KI150A		15	20.0				350	PDG45KI300A		45	18.0				870		
PDG22KI150A		22	25.0				450	PDG55KI300A		55	21.0				930		
PDG30KI150A		30	30.0				490	PDG75KI300A		75	31.0				1070		
PDG11KI200A		11	9.0	270	1750	200	320	PDG22KI350A		22	6.0	900	1150	350	600		
PDG15KI200A		15	13.0				340	PDG30KI350A		30	7.5				800		
PDG22KI200A		22	18.0				520	PDG37KI350A		37	9.0				880		
PDG30KI200A		30	22.0				650	PDG45KI350A		45	12.0				900		
PDG37KI200A		38	28.0				710	PDG55KI350A		55	14.0				1150		
PDG45KI200A		45	32.0				380	PDG75KI350A		75	20.0						
PDG55KI200A		55	40.0				480	PDG30KI400A		30	5.0					850	400
PDG15KI250A		15	9.0				1750	250		37	7.0						
PDG22KI250A		22	11.0	480	PDG45KI400A	45				9.0	1000						
PDG30KI250A		30	14.0	510	PDG55KI400A	55	12.0	1150		1250							
PDG37KI250A		37	19.0	730	PDG75KI400A	75	16.0				1200						
PDG45KI250A		45	24.0	750	PDG37KI500A	37	5.0	1800		700	500	1050					
PDG55KI250A		55	30.0	780	PDG45KI500A	45	6.0					1100					
PDG75KI250A		75	40.0	880	PDG55KI500A	55	7.5			1250							
PDG22KI300A		22	9.0	600	1150	300	510			PDG75KI500A		75	10.0	1500			
PDG30KI300A		30	11.0				550										

※ Other voltage options are available upon request.

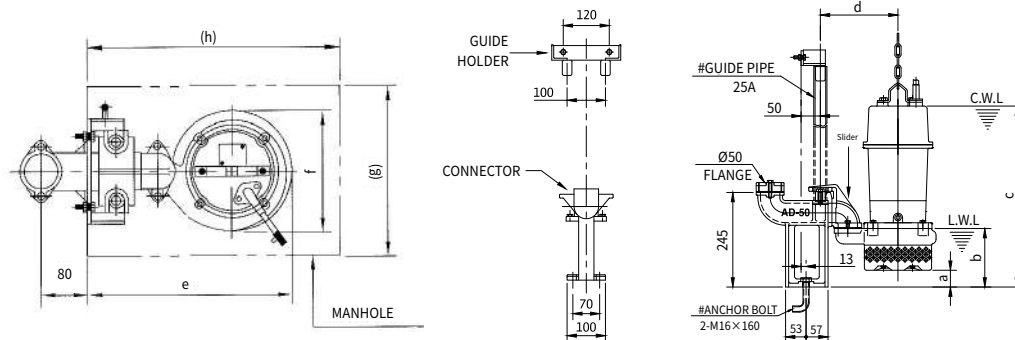
※ 15kW Y-△ (Delta) starting is the standard for 15kW (20HP) or higher

Submersible Drainage Pump

AD-50/65/80/100/150

Auto Guide Rail System

Installation Diagram (AD-50)

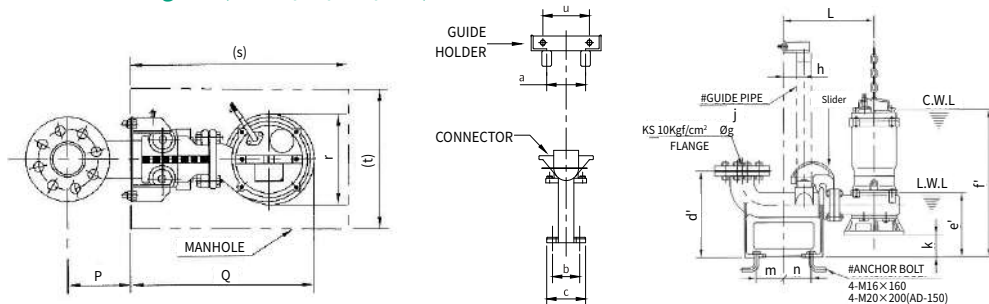


#: Not supplied

Pump Model Name	Auto Coupling Device Model Name	a	b	c	d	e	f	(g)	(h)
PD-401(L401)	AD-50	56	154	342(336)	186	334	171	290	420
PD-951(L901)		57(56)	148.5(154)	357(360)	201(186)	334	171	290	420
PDV-400(L400)		57(59)	150.5(154)	356(359)	186	338(331)	172(169)	290	420
PDV-950(L900)		57(59)	150.5(154)	378(384)	186	338(331)	172(145)	290	420
PDV-952		59	154	357	186	365	193	240	450
PDN-1405		15	154	360	186	365	193	240	450
PD-1505(1515)		44	152	469(405)	201	347	193	290	430
PD-H953		75	154	357	180	331	179	290	420

* Excluding PD-1500M/MA and PD-1505M/MA. * Dimensions in parentheses apply to the models listed in parentheses; all other dimensions are common.

Installation Diagram (AD-65/80/100/150)



#: Not supplied

Note: Example setup for auto coupling device.
Actual design may vary depending on model.

Pump Model Name	Auto Coupling Device Model Name	a	b	c	d'	e'	f'	Øg	h	j	k	L	m	n	P	Q	r	(s)	(t)	u
PD-2200	AD-65	80	120	150	220	183	493	65	50	32	65	307	95	65	145	413	212	510	350	120
PD-2205	AD-80	100			330	223	533	80	80	50	104	350	105	105	160	451		550		180
PD-3701	AD-65	80			220	203	543	65	50	32	25	374	95	65	145	506	262	560	450	120
PD-3705	AD-80	100			330	242	577	80	80	50	64	417	105	105	160	548		314		670
PD-5500	AD-80		246	615		65	422				592	600								
PD-7500	AD-100		200	238		299	660	100			43	446	114	115	610	330	700	570		
PD-11K							700				42	441								
PD-15K		750					441													
PDN-2200	AD-65	80	120	150	220	207	517	65	50	32	47	307	95	65	145	421	228	510	350	120
PDN-2205	AD-80	100			330	246	556	80	80	50	86	350	105	105	160	464		550		180
PDC-2201																				
PDC-2205																				
PDN-2500																				
PDN-2505	PDC-2500	PDC-2505																		
PDV-3700	AD-65	80			220	217	544	65	50	32	30	375	95	65	145	541	332	630	500	120
PDN-3710	AD-80	100			330	256	584	80	80	50	70	418	105	105	160	584		670		
PDC-3700			258	723		100	69				468	114		115		661	710	570		
PDN-5500	AD-80	100	200	238	400		339	892			150		62	588	97	113	190	811	448	900
PDN-5510	AD-100																			
PDN-7500																				
PDN-7510																				
PDN-11K	AD-150	100	235	290	400	339	892	150	80	32	57	379	95	65	145	442	221	510	350	140
PDN-15K																				
PDV-H3700I	AD-65	80	120	150	220	215	560	65	50	32	57	379	95	65	145	442	221	510	350	140
	AD-80	100			330	254	599	80	80	50	96	422	105	105	160	483				

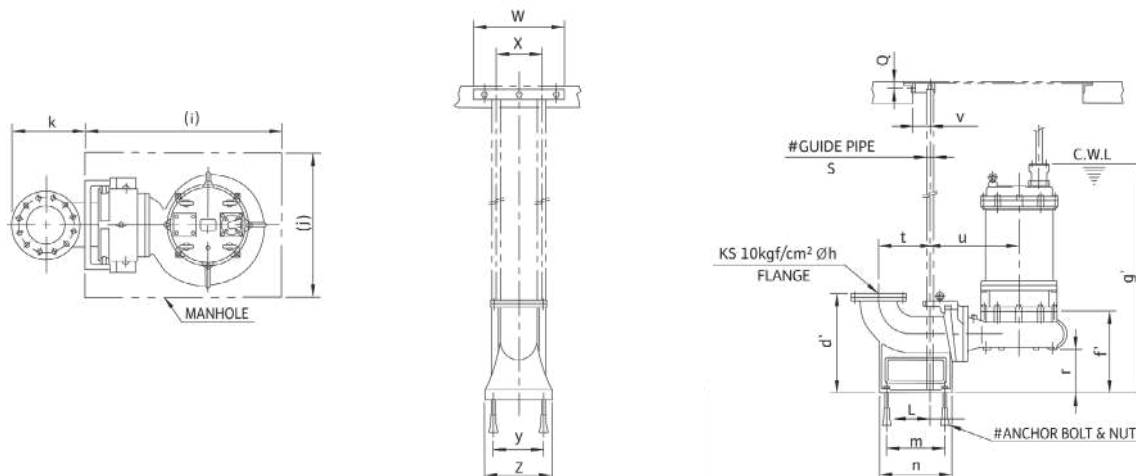
Submersible Drainage Pump

ADD-150/200/250/300/350/400/500

Auto Guide Rail System

Installation Diagram (For PDG Model)

#: Not supplied



Unit: mm

External Diagram and Installation-Related Dimensions																																						
Model	Device	d'	f'	g'	Øh	(i)	(j)	k	L	m	n	Q	r	s	t	u	v	w	x	y	z																	
PDG11KI150A	ADD-150	480	400	1048	150	1200	850	330	95	300	415	80	215	40A	290	438	100	410	280	300	400																	
PDG15KI150A			410	1163									200			478																						
PDG22KI150A			420	1078									222			524																						
PDG30KI150A			450	1208									204			519																						
PDG11KI200A	ADD-200	550	200	1200	850	395	350	400	227	521	330		400		100	410						280	360	460														
PDG15KI200A									460	1336															146	614												
PDG22KI200A									470	1151															194	194												
PDG30KI200A									443	1198															205	594												
PDG37KI200A									ADD-250	630										250	1400				500	430	560	100	430	560	400	400	360	460				
PDG45KI200A																																			460	1336	205	594
PDG55KI200A																																			1436	267	770	150
PDG75KI200A												1367		267			770																					
PDG22KI300A	ADD-300	810	545	1451	300	1500	523	120			470	630	267	65A	450	770	500	600																				
PDG30KI300A									1551	242									870																			
PDG37KI300A									ADD-300	880									620	1395	350	1600	575	470	650	100	185	480	805	520	640							
PDG45KI300A																																1502	320	890				
PDG55KI300A	1602	320	890																																			
PDG75KI300A	1833	320	890																																			
PDG30KI400A	ADD-400	1060	725	400	1700	760	100	550	960	100	320	100A	650	890	170	910	550	600	750																			
PDG37KI400A																				1636	320	890																
PDG45KI400A																				1736	320	890																
PDG55KI400A																				1968	320	890																
PDG37KI500A	ADD-500	1400	1040	2260	500	2000	1500	938	110		800	1100	337	100A	780	1100	180	1100	700	800	1000																	
PDG45KI500A			940	2360																		2100	1600															
PDG55KI500A				2176																		2100	1600															
PDG75KI500A				2360																		2100	1600															

Key Features

- Compatible with all models from 400W to 15kW across discharge sizes from 50mm to 150mm
- Excellent guide-rail coupling design minimizes pressure loss
- Easy pump lifting for maintenance and inspection

Submersible Construction Pump

PDU Series

Light Duty



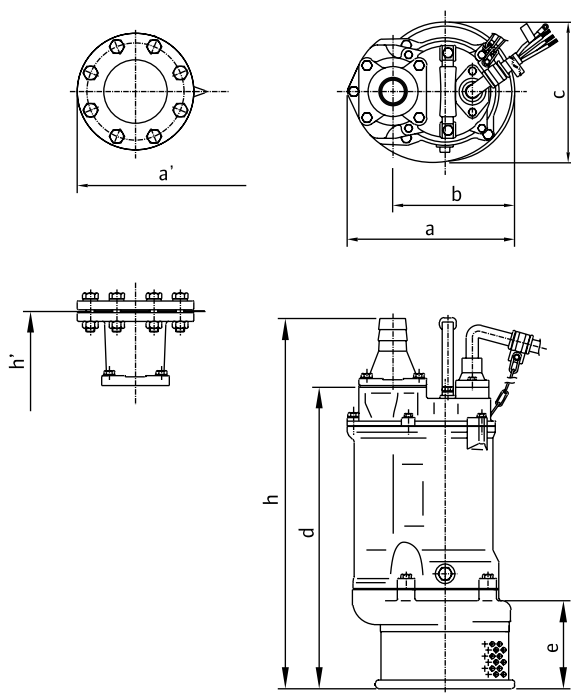
Key Features

- High starting torque delivers maximum pulling power
- Specially engineered design keeps weight low and prevents overheating

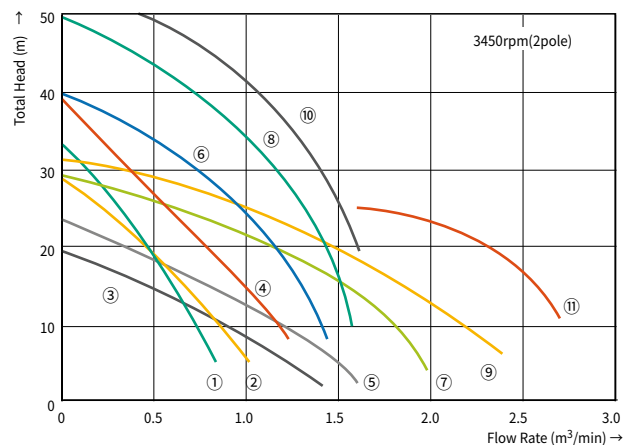
Applications

- Civil and building works
- Tunnel construction
- Subway construction
- Water and sewage pipe construction

External Dimensions



Performance Curve



- ① PDU-371IH(F), PDU-371TH(F), PDU-371VH(F)
- ② PDU-371IM(F), PDU-371TM(F), PDU-371VM(F)
- ③ PDU-371IL(F), PDU-371TL(F), PDU-371VL(F)
- ④ PDU-550IH(F), PDU-550TH(F), PDU-550VH(F)
- ⑤ PDU-550IL(F), PDU-550TL(F), PDU-550VL(F)
- ⑥ PDU-750IH(F), PDU-750TH(F), PDU-750VH(F)
- ⑦ PDU-750IL(F), PDU-750TL(F), PDU-750VL(F)
- ⑧ PDU-11KI(H), PDU-11KTH(F), PDU-11KVH(F)
- ⑨ PDU-11KIL(F), PDU-11KTL(F), PDU-11KVL(F)
- ⑩ PDU-15KI(H), PDU-15KTH(F), PDU-15KVH(F)
- ⑪ PDU-15KIL(F), PDU-15KTL(F), PDU-15KVL(F)

Unit: mm

Model	a	a'	b	c	d	e	h	h'
PDU-371IH/TH/VH(F)	301	301	219	253	543	160	667	667
PDU-371IM/TM/VM(F)								669
PDU-371IL/TL/VL(F)		324						680
PDU-550IH/TH/VH(F)	310	317	224	261	549	160	672	674
PDU-550IL/TL/VL(F)		330						686
PDU-750IH/TH/VH(F)	339	358	253	315	612	190	749	748
PDU-750IL/TL/VL(F)		393						784
PDU-11KI(H)/TH/VH(F)	369	398	293	346	653	190	791	790
PDU-11KIL/TL/VL(F)		433						826
PDU-15KI(H)/TH/VH(F)	369	398	293	346	703	190	841	840
PDU-15KIL/TL/VL(F)		433						876

Submersible Construction Pump

PDU Series

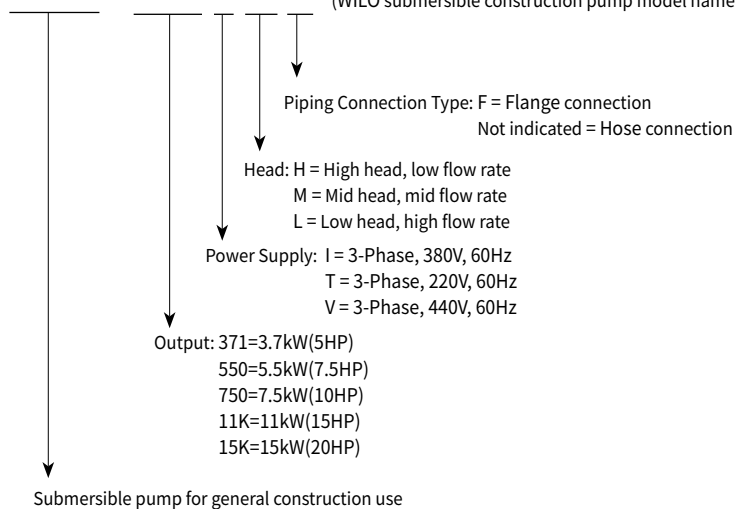
Light Duty

Specifications								
Model	Power Supply (Three-phase)	Output (kW)	Diameter (mm)	Total Head (m)	Flow Rate (m ³ /hr)	Weight (kg)	Bearing	
							Load Side	Non-load Side
PDU-371IH(F)	Three-phase 380V 60Hz	3.7 (5HP)	50	30	12	68	6307ZZ	6304ZZ
PDU-371IM(F)			80	20	30			
PDU-371IL(F)			100	10	60			
PDU-550IH(F)		5.5 (7.5HP)	80	25	36	85	6308ZZ	
PDU-550IL(F)			100	15	60			
PDU-750IH(F)		7.5 (10HP)	100	30	48	110	6309ZZ	
PDU-750IL(F)			150	15	96			
PDU-11KIH(F)		11 (15HP)	100	35	60			165
PDU-11KIL(F)			150	20	102			
PDU-15KIH(F)		15 (20HP)	100	40	72	180	6310ZZ	
PDU-15KIL(F)	150		25	120				
PDU-371TH(F)	Three-phase 220V 60Hz	3.7 (5HP)	50	30	12	68	6307ZZ	6304ZZ
PDU-371TM(F)			80	20	30			
PDU-371TL(F)			100	10	60			
PDU-550TH(F)		5.5 (7.5HP)	80	25	36	85	6308ZZ	
PDU-550TL(F)			100	15	60			
PDU-750TH(F)		7.5 (10HP)	100	30	48	110	6309ZZ	
PDU-750TL(F)			150	15	96			
PDU-11KTH(F)		11 (15HP)	100	35	60			165
PDU-11KTL(F)			150	20	102			
PDU-15KTH(F)		15 (20HP)	100	40	72	180	6310ZZ	
PDU-15KTL(F)	150		25	120				

* Three-phase 440V specifications are identical to the above (except rated current). * Y-Δ (star-delta) starting is standard for 15 kW (20HP) and above.

PDU - 371 I H F

(WILO submersible construction pump model name)



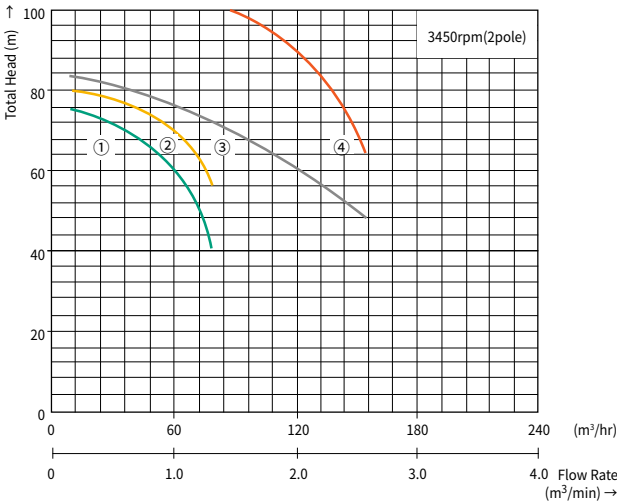
Submersible Construction Pump

PDH Series

High Head Type



Performance Curve



Applications

- Long-distance pressure drainage
- Drainage for large-scale civil engineering projects such as dams
- General mine drainage
- Applications requiring high head

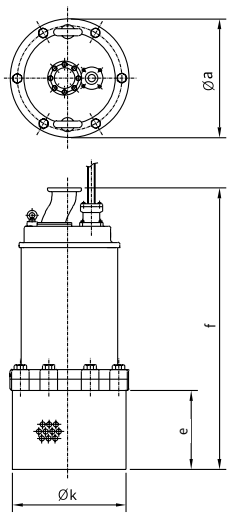
Specifications

Model	Power	Diameter (mm)	Output (kW)	Total Head (m)	Flow Rate (m³/h)	Rotation Speed (rpm)	Weight (kg)
PDH22KI100A	Three-phase 380V 60Hz	Ø100	22	60	60	3450	500
PDH30KI100A			30	70			530
PDH45KI150A		Ø150	45	60	150		800
PDH75KI150A			75	105	120		850

※ Other voltage options are available upon request.

※ For models with a motor power of 22kW (30HP) and above, Y-Δ (delta) starting is standard.

External Diagram



Unit: mm

Model	Øa	e	f	Øk
PDH22KI100A	486	305	1208	467
PDH30KI100A				
PDH45KI150A	620	310	1308	551
PDH75KI150A				

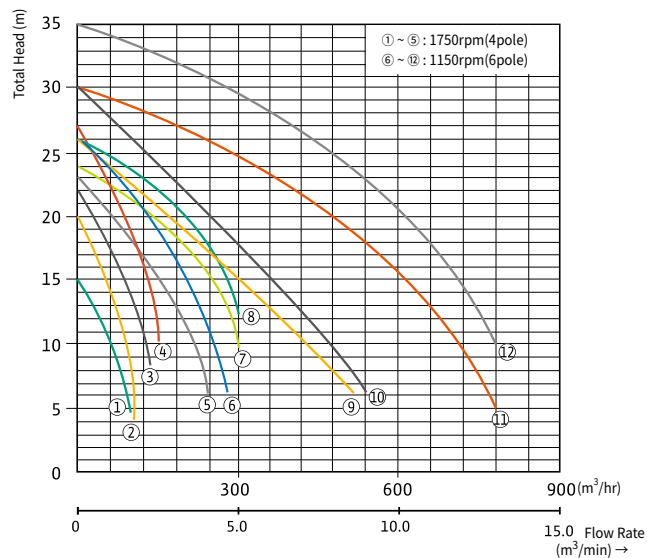
Submersible Construction Pump

PDS Series

Heavy Duty

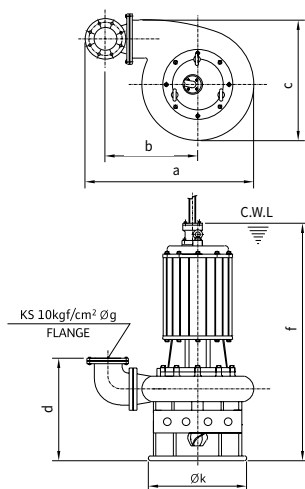


Performance Curve



- | | | |
|---------------|---------------|---------------|
| ① PDS550I1001 | ② PDS750I1001 | ③ PDS11KI1001 |
| ④ PDS15KI1001 | ⑤ PDS22KI1001 | ⑥ PDS22KI1501 |
| ⑦ PDS30KI1501 | ⑧ PDS37KI1502 | ⑨ PDS45KI1502 |
| ⑩ PDS55KI1502 | ⑪ PDS75KI2002 | ⑫ PDS75KI2502 |

External Diagram



Unit: mm

Model	a	b	c	d	Øk	f	Øg
PDS550I1001	495	250	365	468	300	645	100
PDS750I1001				410	370	980	
PDS11KI1001				415		955	
PDS15KI1001							
PDS22KI1001	920	400	650	500	500	1200	150
PDS22KI1501							
PDS30KI1501							
PDS37KI1502							
PDS45KI1502	1100	420	700	575	550	1400	150
PDS55KI1502							
PDS75KI2002							
PDS75KI2502							

Specifications

Model	Power	Diameter (mm)	Output (kW)	Total Head (m)	Flow Rate (m3/h)	Rotation Speed (rpm)	Weight (kg)
PDS550I1001	Three-phase 380V 60Hz	Ø100	5.5	10	60	1750	160
PDS750I1001			7.5	12	72		200
PDS11KI1001			11	15	90		250
PDS15KI1001			15	20	90		290
PDS22KI1001			22	15	150		470
PDS22KI1501		Ø150	22	15	192	1150	480
PDS30KI1501			30	18			510
PDS37KI1502			37	20			600
PDS45KI1502			45	15	300		650
PDS55KI1502			55		360		690
PDS75KI2002		Ø200	75	20	480	950	
PDS75KI2502		Ø250		25		1150	

※ Other voltage options are available upon request.

Deep Well Submersible Pump

PSB Series

Plastic Impeller Product



PS-1012SS

PSB 4" Series

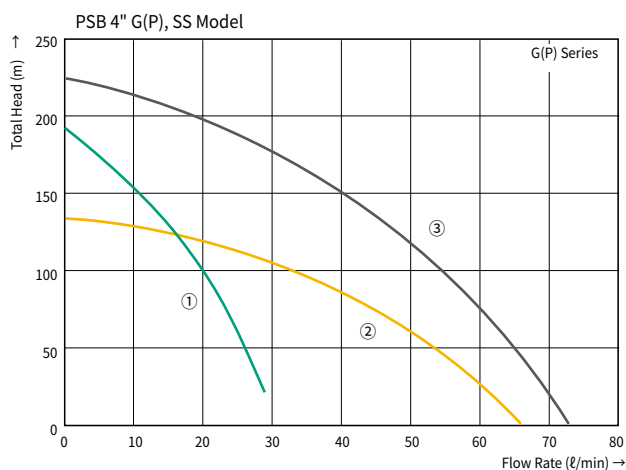
Key Features

- Excellent performance and efficiency
- Impeller material significantly reinforced to suit Korean conditions
- Easy to disassemble and assemble for convenient servicing
- Compact exterior designs allows for simple installation
- Excellent compatibility with existing products

Applications

- Groundwater and boosting
- Industrial: textiles, steelmaking, leatherwork, plating, food & beverage industry, etc.
- Agricultural: wells, farms, fish farms, large greenhouses, etc.
- Drinking water: high-rise buildings, hotels, schools, hospitals, apartments, etc.
- Emergency: schools, fire stations, civil defence, etc.

Performance Curve

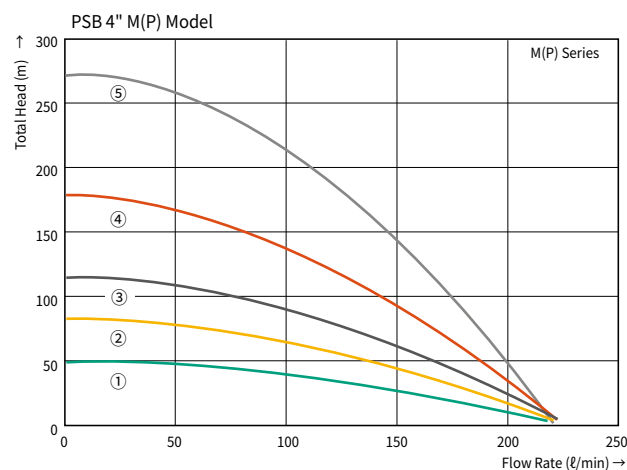


① PS-1012/1033SS(20)

② PSB-1012/1033GP(14)

③ PSB-2012/2032/2033GP(24)

* Numbers in parentheses indicate number of stages



① PSB-1012/1033MP(6)

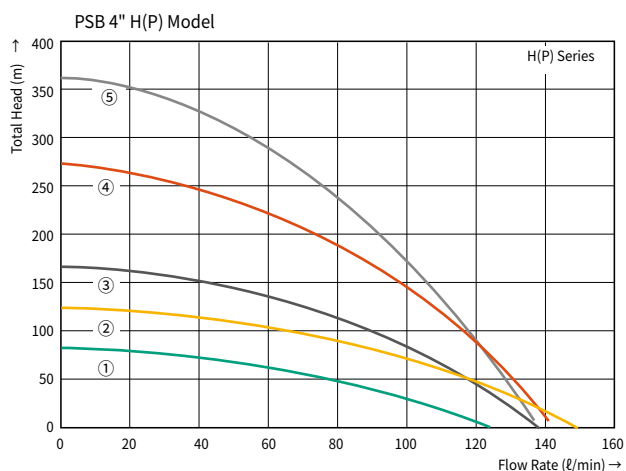
② PSB-2012/2032/2033MP(10)

③ PSB-3012/3032/3033MP(14)

④ PSB-5532/5533M(22)

⑤ PSB4-7532/7533M(34)

* Numbers in parentheses indicate number of stages



① PSB-1012/1033HP(8)

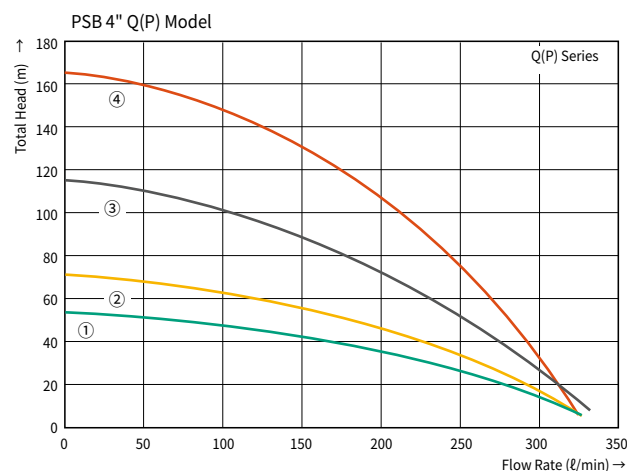
② PSB-2012/2032/2033HP(13)

③ PSB-3012/3032/3033HP(17)

④ PSB-5532/5533H(28)

⑤ PSB4-7532/7533H(37)

* Numbers in parentheses indicate number of stages



① PSB-2012/2032/2033QP(6)

② PSB-3012/3032/3033QP(8)

③ PSB-5532/5533Q(13)

④ PSB4-7532/7533Q(19)

* Numbers in parentheses indicate number of stages

Deep Well Submersible Pump

PSB Series

Plastic Impeller Product

Deep Well 4" Flow Rate by Head

Output HP	Model	No. of Stages	Power	Max. Head	Max. Flow Rate	Discharge Diameter	External Dimensions (mm)		Weight	Flow Rate by Head (m-m³/day)																			
				m	m³/ day	mm (inch)	Diameter	Length	kg	20	30	40	50	60	70	80	100	120	140	150	180	200	220	250	280	300	320		
1	PS-1012SS	20	Single-phase 220V	190	37	32 (1 1/4")	98	804	14																				
	PS-1033SS		Three-phase 380V					764	13.5																				
	PSB-1012GP	14	Single-phase 220V	130	84	32 (1 1/4")	101	815	15.5		84	79	75	69	63	58	43												
	PSB-1033GP		Three-phase 380V					785	13																				
	PSB-1012HP	8	Single-phase 220V	80	156	32 (1 1/4")	101	711	14	156	132	122	112	81	50														
	PSB-1033HP		Three-phase 380V					681	11.5																				
	PSB-1012MP	6	Single-phase 220V	49	238	40 (1 1/2")	101	688	13.5	238	202	122																	
	PSB-1033MP		Three-phase 380V					658	11																				
2	PSB-2012GP	24	Single-phase 220V	210	92	32 (1 1/4")	101	1,149	20																				
	PSB-2032/2033GP		Three-phase 220/380V					1,114	17.5																				
	PSB-2012HP	13	Single-phase 220V	125	173	32 (1 1/4")	101	930	18.5		173	158	151	140	130	115	81												
	PSB-2032/2033HP		Three-phase 220/380V					895	16																				
	PSB-2012MP	10	Single-phase 220V	81	266	40 (1 1/2")	101	898	17.5	266	245	219	189	153	107														
	PSB-2032/2033MP		Three-phase 220/380V					863	15																				
	PSB-2012QP	6	Single-phase 220V	50	374	50 (2")	101	925	19.5	374	288	187																	
	PSB-2032/2033QP		Three-phase 220/380V					890	17																				
3	PSB-3012HP	17	Single-phase 220V	165	173	32 (1 1/4")	101	1,115	22																				
	PSB-3032/3033HP		Three-phase 220/380V					1,060	20																				
	PSB-3012MP	14	Single-phase 220V	113	266	40 (1 1/2")	101	1,086	21		266	45	232	212	189	163	101												
	PSB-3032/3033MP		Three-phase 220/380V					1,031	19																				
	PSB-3012QP	8	Single-phase 220V	65	389	50 (2")	101	1,260	23	389	346	295	230	130															
	PSB-3032/3033QP		Three-phase 220/380V					1,205	21																				
5.5	PSB-5532/5533H	28	Three-phase 220/380V	260	194	32 (1 1/4")	101	1,535	32.5					194	187	184	173	166	156	144	130	127	85						
	PSB-5532/5533M	22		178	274	40 (1 1/2")		1,485	31.5				274	259	245	240	229	200	170	132	11								
	PSB-5532/5533Q	13		110	403	50 (2")		1,500	32.5		403	360	346	302	265	220													
7.5	PSB4-7532/7533H	37	Three-phase 220/380V	360	173	32 (1 1/4")	101	1,925	40							173	166	156	150	144	132	127	115	108	86	72	58		
	PSB4-7532/7533M	34		270	281	40 (1 1/2")		2,025	40.5					281	274	266	245	238	230	202	194	173	144	115					
	PSB4-7532/7533Q	19		160	410	50 (2")		1,950	40.5			410	396	374	353	331	288	225	151										

* For three-phase models where both 220V and 380V are listed, this does not indicate a dual-voltage rating.
 Example: For PSB-2032, 2033GP (G(P) Series, voltages 220V and 380V), PSB-2032GP is 220V and PSB-2033GP is 380V.
 * Blank cells indicate unusable range.

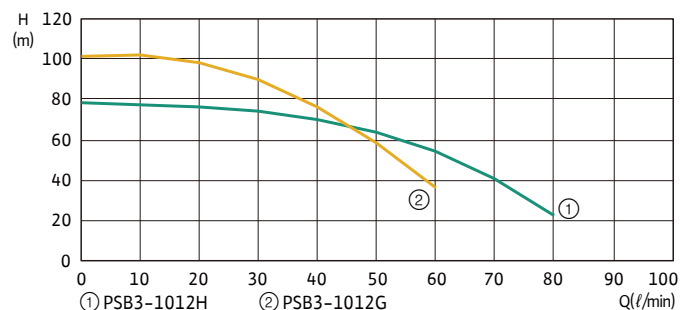
Deep Well Submersible Pump

PSB3 Series

Plastic Impeller Product



Performance Curve



Key Features

- Oil-filled motor for stable operation
- Starting box with built-in OLP (Overload Protector)
- Sold as a set (starting box + pump), unlike previous products

Applications

- Groundwater and boosting
- Agricultural: wells, farms, fish farms, large greenhouses, etc.
- Water supply: high-rise buildings, hotels, schools, hospitals, apartments, etc.

Deep Well Starting Box

Technical Data

- Starting capacitor: 32uF/450V
- OLP(Overload Protector) : 8.5A
- IP Rating: IP44
- Dimensions: 132x191x68mm

Specifications

Series	Model	No. of Stages	Power		Rated Output		Max Head	Rated Flow		Discharge Diameter		External Dimensions (mm)	
			Phase	Voltage	kW	HP		H(m)	Q(l/min)	mm	inch	Diameter	Length
G(P)	PSB3-1012G	17	1	220V	0.75	1	104	86	33	40	G1 ¼	78.5	1,050
H(P)	PSB3-1012H	14	1	220V	0.75	1	78	64	50	40	G1 ¼	78.5	1,020

Flow Rate by Head

Series	Model	Flow Rate by Head (m)							
		30	40	50	60	70	80	90	100
G	PSB3-1012G	62	58	54	49	44	38	30	17
H	PSB3-1012H	76	71	64	55	40			

Deep Well Submersible Pump

PSB Series

Plastic Impeller Product



PSB 6" Series

Key Features

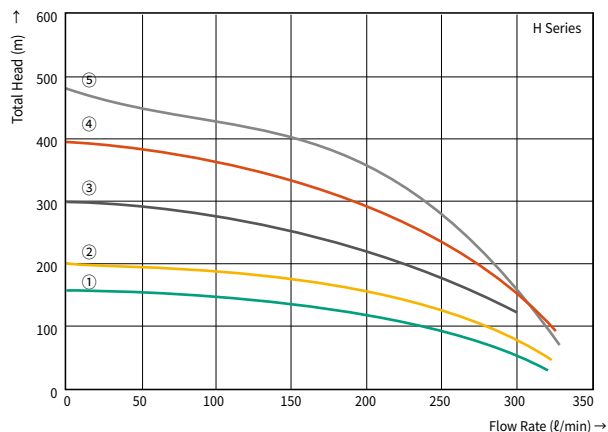
- Excellent performance and efficiency
- Impeller material significantly reinforced to suit Korean conditions
- Easy to disassemble and assemble for convenient servicing
- Compact exterior designs allows for simple installation
- Excellent compatibility with existing products

Applications

- Groundwater and boosting
- Industrial: textiles, steelmaking, leatherwork, plating, food & beverage industry, etc.
- Agricultural: wells, farms, fish farms, large greenhouses, etc.
- Drinking water: high-rise buildings, hotels, schools, hospitals, apartments, etc.
- Emergency: schools, fire stations, civil defence, etc.

Performance Curve

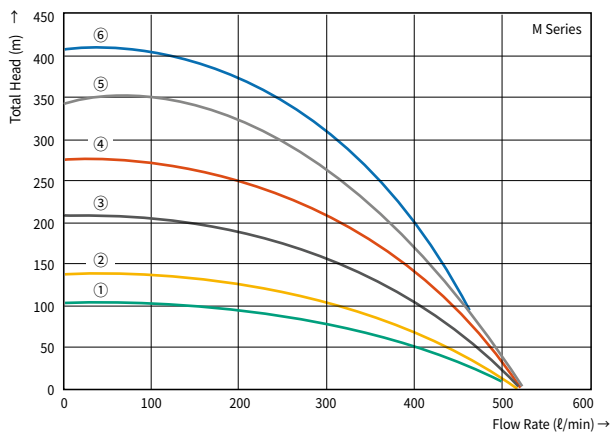
PSB 6" H Model



- ① PSB-7532/7533H(8) ② PSB-10033H(10)
 ③ PSB-15033H(15) ④ PSB-20033H(20)
 ⑤ PSB-25033H(24)

* Numbers in parentheses indicate number of stages

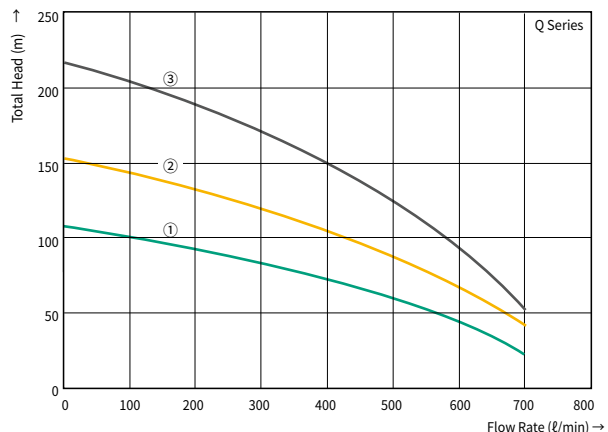
PSB 6" M Model



- ① PSB-7532/7533M(6) ② PSB-10033M(8)
 ③ PSB-15033M(12) ④ PSB-20033M(16)
 ⑤ PSB-25033M(20) ⑥ PSB-30033M(24)

* Numbers in parentheses indicate number of stages

PSB 6" Q Model



- ① PSB-10033Q(5) ② PSB-15033Q(7)
 ③ PSB-20033Q(10)

* Numbers in parentheses indicate number of stages

Deep Well Submersible Pump

PSB Series

Plastic Impeller Product

Deep Well 6" Flow Rate by Head																																					
Output HP	Model	No. of Stages	Power	Max. Head	Max. Flow Rate	Discharge Diameter	External Dimensions (mm)		Weight	Flow Rate by Head (m-m³/day)																											
				m	m³/day	mm (inch)	Diameter	Length	kg	20	30	40	50	60	70	80	100	120	140	150	180	200	220	250	280	300	320	350	380	400							
7.5	PSB-7532/33H	8	Three-phase 220/380V	155	446	65 (2 1/2")	145	1,278	65		446	432	418	396	374	360	317	252	144																		
	PSB-7532/33M	6		100	677			1,177	64	677	641	603	547	518	432	403																					
10	PSB-10033H	10	Three-phase 380V	195	454	65 (2 1/2")	145	1,432	72				454	439	432	403	374	331	302	259	144																
	PSB-10033M	8		130	691			1,332	70	691	662	634	605	576	547	504	432	288																			
	PSB-10033Q	5		105	950	80 (3")		1,333	62.5		950	864	792	691	576	432	144																				
15	PSB-15033H	15	Three-phase 380V	290	432	65 (2 1/2")	145	1,757	84								432	418	389	374	346	302	274	202													
	PSB-15033M	12		200	691			1,607	82		691	677	662	648	619	605	570	518	446	432	288																
	PSB-15033Q	7		150	965	80 (3")		1,522	72.5			965	907	864	792	720	576	389																			
20	PSB-20033H	20	Three-phase 380V	390	454	65 (2 1/2")	145	2,047	94								454	446	432	418	396	382	360	331	288	245	216	144									
	PSB-20033M	16		265	691			1,847	90				691	677	655	641	619	590	547	518	490	432	374														
	PSB-20033Q	10		215	979	80 (3")		1,733	79				979	893	864	821	778	720	576	504	274																
25	PSB-25033H	24	Three-phase 380V	450	446	65 (2 1/2")	145	2,367	110									446	432	418	403	396	384	360	346	331	288	259	216	190							
	PSB-25033M	20		330	691			2,167	105					691	677	662	634	619	590	562	530	500	475	432	370	317											
30	PSB-30033M	24	Three-phase 380V	380	670	65 (2 1/2")	145	2,417	117							670	648	634	619	605	570	550	533	504	455	432	374	317									

Deep Well Submersible Pump

PSS Series

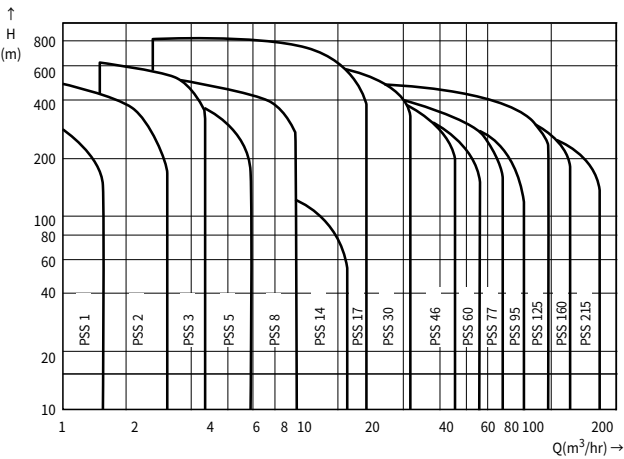
Stainless Steel Impeller Product



Key Features

- Flexible motor selection
- Extensive service network with dedicated specialist support
- All stainless steel for outstanding durability
- Excellent performance and efficiency
- Easy maintenance
- Excellent compatibility with existing products
- Horizontal / vertical installation

Performance Curve



Applications

- Groundwater and water supply boosting
- Simple water supply, agricultural wells, and general equipment use
- Waterfalls, fountains, hot spring water, and general clean water
- Industrial water transfer
- Emergency standby, fire-fighting water, and sprinkler systems for various buildings

Specifications						
Model	Power		Rated Output		Discharge Diameter	
	Phase	Voltage	kW	HP	mm	inch
PSS-1 Series	1	220	0.37~1.5	0.5~2	32	1 1/4"
	3	380	0.37~1.5	0.5~2		
PSS-2 Series	1	220	0.37~2.2	0.5~3		
	3	380	0.37~4	0.5~5.5		
PSS-3 Series	1	220	0.37~2.2	0.5~3	40	1 1/2"
	3	380	0.37~7.5	0.5~10		
PSS-5 Series	1	220	0.37~2.2	0.5~3		
	3	380	0.37~7.5	0.5~10		
PSS-8 Series	1	220	0.55~2.2	0.75~3	50	2"
	3	380	0.55~15	0.75~20		
PSS-14 Series	1	220	1.5~2.2	2~3		
	3	380	1.5~7.5	2~10		
PSS-17 Series	1	220	1.1~2.2	1.5~3	65	2 1/2"
	3	380	1.1~37	1.5~50		
PSS-30 Series	1	220	1.5	2	80	3"
	3	380	1.5~55	2~75		
PSS-46 Series	1	220	1.5~2.2	2~3	100	4"
	3	380	1.5~55	2~75		
PSS-60 Series	1	220	2.2	3		
	3	380	2.2~55	3~75		
PSS-77 Series	3	380	5.5~93	7.5~125	125	5"
PSS-95 Series	3	380	5.5~93	7.5~125		
PSS-125 Series	3	380	11~185	15~250	150	6"
PSS-160 Series	3	380	15~150	20~200		
PSS-215 Series	3	380	22~185	30~250		

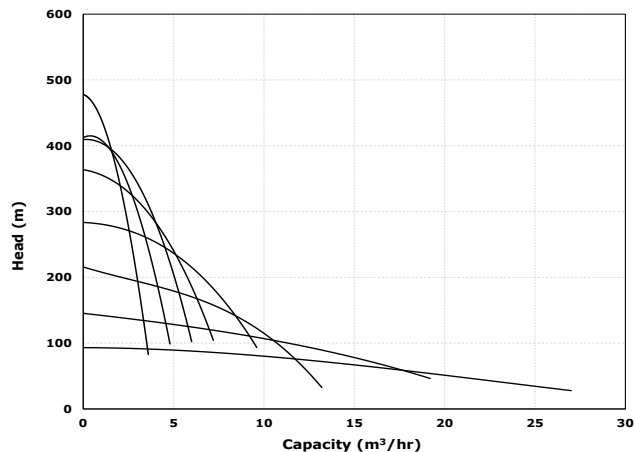
Deep Well Submersible Pump

PSB4-L

Stainless Steel Impeller Product



Performance Curve



Key Features

- Expanded product line-up compared to existing products
- Reinforced deep-well packaging box material
- Head & base made with stainless steel
- Excellent compatibility with existing Wilo deep-well motors

Applications

- Groundwater and boosting
- Agricultural: wells, farms, fish farms, large greenhouses, etc.
- Water supply: high-rise buildings, hotels, schools, hospitals, apartments, etc.

Specifications						
Model	Power		Rated Output		Discharge Diameter	
	Phase	Voltage	kW	HP	mm	inch
PSB4-L2 Series	1	220	0.75~4	1~5.5	32	1 1/4"
	3	380	0.75~4	1~5.5		
PSB4-L3 Series	1	220	0.75~4	1~5.5		
	3	380	0.75~4	1~5.5		
PSB4-L4 Series	1	220	0.75~5.5	1~7.5	40	1 1/2"
	3	380	0.75~5.5	1~7.5		
PSB4-L5 Series	1	220	0.75~5.5	1~7.5		
	3	380	0.75~5.5	1~7.5		
PSB4-L7 Series	1	220	0.75~5.5	1~7.5	50	2"
	3	380	0.75~5.5	1~7.5		
PSB4-L9 Series	1	220	0.75~5.5	1~7.5		
	3	380	0.75~5.5	1~7.5		
PSB4-L14 Series	1	220	1.5~5.5	2~7.5	50	2"
	3	380	1.5~5.5	2~7.5		
PSB4-L18 Series	1	220	2.2, 5.5	3, 7.5		
	3	380	2.2, 5.5	3, 7.5		

Deep Well Submersible Pump

Deep Well Inverter BI-N

Deep Well Accessories



Applications

- Inverter for attachment to deep well pumps
- Variable speed device for deep well pumps: Single-phase 1-2HP / Three-phase 1-3HP

Applicable Pumps

BI-N1012	Deep Well Submersible Pump	PSS/PSB : Single-phase 220V / 0.75 kW and below : Three-phase 220V / 1.5 kW and below
BI-N2012	Deep Well Submersible Pump	PSS/PSB : Single-phase 220V / 1.5 kW and below : Three-phase 220V / 2.2 kW and below

External Dimensions

235(W) X 140(D) X 347(L)mm

Key Features

- Korea's first deep well inverter to obtain Radio Waves Act (EMC) certification
- Micro-surge filter (MSF) installed; authorised certification institution confirmed increased motor and inverter protection against surges and lightning strikes
- User-friendly interface: LCD screen and buttons for easy operation
- Excellent cooling: internal cooling fan protects product against high temperatures
- Energy savings: energy saving effect by attaching inverter to deep well submersible pump
- Easy to move and install; simple installation and maintenance

Specifications

Model	Input Power	Output Power	Rated Capacity (kW)	Max. Output Current (A)	Output Frequency (Hz)
BI-N1012(P)	Single-phase 220V, 60Hz	Single-phase 220V	0.75	12	24~60
		Three-phase 220V	1.5	9	
BI-N2012(P)	Single-phase 220V, 60Hz	Single-phase 220V	1.5	15	
		Three-phase 220V	2.2	12.5	

* Periodic ventilation is recommended to prevent internal condensation during winter.

Deep Well Inverter BI-S/Deep Well Starting Box

Deep Well Accessories



Deep Well Inverter



Deep Well Starting Box

Deep Well Inverter

Applications

- Inverter for attachment to deep well pumps
- Variable speed device for deep well pumps: Single-phase 1-2HP / Three-phase 1-3HP

Key Features

- Intuitive interface: 3-inch LCD and red-button controls for simple, straightforward operation
- Strong durability: bottom-mounted cooling fan prevents heat-related damage
- Energy savings: energy saving effect by attaching inverter to deep well submersible pump
- Safe and reliable operation through constant pressure control and variable speed control (24-60 Hz)
- Lightweight build: effortless portability and installation
- Easy installation and maintenance

Applicable Pumps

- BI-S1012 : Deep Well Submersible PSS/PSB Series : Single-phase 220V / 0.75 kW and below
Three-phase 220V / 1.5 kW and below
- BI-S2012 : Deep Well Submersible PSS/PSB Series : Single-phase 220V / 1.5 kW and below
Three-phase 220V / 2.2 kW and below

External dimensions • 160(W) x 120(H) x 210(D)mm

Specifications

Model	Inverter Input	Inverter Output	Applicable Motors	Max. Output Current
BI-S1012(P)	Single-phase 220V 60Hz	Single-phase 1HP	0.75 kW	13 A
		Three-phase 2HP	1.5 kW	8 A
BI-S2012(P)	Single-phase 220V 60Hz	Single-phase 2HP	1.5 kW	16 A
		Three-phase 3HP	2.2 kW	10 A

Deep Well Starting Box

Technical Data

- Application: for starting and operating 1-3HP single-phase 220V 60Hz deep well motors
- Automatic / manual-reset Thermal OLP (Overload Protection)

External Dimensions

- 142(W) x 212(H) x 104(D)mm

	Starting Capacitor	Operating Capacitor
1HP	100uF/250V	
2HP	200uF/250V	20uF/400V
3HP	200uF/250V	45uF/400V

*BI-S deep well inverter package contents: unit, pressure tank, input switch, check valve

*Three-phase BI-S deep well inverter: no package contents; unit only.

Three-phase Deep Well Inverter BI-S

Deep Well Accessories



Technical Data

- Application: for starting and operating 1-7.5HP three-phase 380V 60Hz deep well motors

External Dimensions

- 198(W) x 292(H) x 181(D)mm

Key Features

- Intuitive interface: simple, straightforward operation
- Strong durability : bottom-mounted cooling fan prevents heat-related damage; surge and lightning-resistant inverter
- Energy savings: Energy savings through pressure control logic
- Safe and reliable operation: constant pressure control and speed control (24-60 Hz)
- Lightweight build: effortless portability and installation
- Easy installation and maintenance

Specifications

Model	Input Power	Output Power	Applicable Motors	Rated Capacity	Rated Current
BI-S2033	3-Phase 380V 60Hz	Three-phase 380V	~2HP	2HP	5.0 A
BI-S3033			~3HP	3HP	7.2 A
BI-S5533			~5.5HP	5.5HP	10.5 A
BI-S7533			~7.5HP	7.5HP	13.9 A

Deep Well Submersible Pump

Deep Well Control Panel BP-A

Deep Well Accessories



Key Features

- Hibox enclosure provides a lightweight yet highly waterproof housing
- High-breaking-capacity MCCB delivers excellent short-circuit protection (2.5 kV at 220V)
- Separate power (30A) and control (20A) terminal blocks for enhanced safety
- Single-phase thermal relay and three-phase EOCR provide superior motor protection against overcurrent
- Compatible with water level controller

External Dimensions

- 350(W) x 450(H) x 170(D)mm

Applications

- Starting panel for deep well pump attachment
- Start control device for deep well pumps (Single-phase 1–3HP, Three-phase 1–5HP)

Applicable Pumps

- BP-A1012
Deep Well Submersible PSS/PSB Series : Single-phase 220V / 0.75 KW and below
- BP-A3012
Deep Well Submersible PSS/PSB Series : Single-phase 220V / 2.2 KW and below
- BP-A5033
Deep Well Submersible PSS/PSB Series : Three-phase 380V / 3.7 KW and below

Specifications				
Model	Starting Panel Input	Starting Panel Output	Weight (kg)	Other
BP-A1012	Single-phase 220V 60Hz	1HP Single-phase	4	Starting, Operating Built-in Capacitor
BP-A3012		2–3HP Single-phase		
BP-A5033		1–5HP Three-phase		-

Deep Well Control Panel BP-D

Deep Well Accessories



Key Features

- Electronic circuit board design for outstanding cost-effectiveness
- Identical operation to analogue panels; no learning curve
- Hibox enclosure and electronic circuit board combine for an ultra-lightweight, highly waterproof build
- On-board EOCR circuit delivers superior motor protection against overcurrent
- On-board LEDs provide instant panel status indication during overcurrent, overvoltage, or undervoltage events

External Dimensions

- 280(W) x 360(H) x 160(D)mm

Applications

- Smart control panel for standard submersible pumps
- Start control device for deep well pumps (Single-phase 1–3HP, Three-phase 1–5HP)

Applicable Pumps

- BP-D1012
Deep Well Submersible PSS/PSB Series : Single-phase 220V / 0.75 KW and below
- BP-D3012
Deep Well Submersible PSS/PSB Series : Single-phase 220V / 2.2 KW and below
- BP-D5033
Deep Well Submersible PSS/PSB Series : Three-phase 380V / 3.7 KW and below

Specifications				
Model	Starting Panel Input	Starting Panel Output	Weight (kg)	Other
BP-D1012	Single-phase 220V	1HP Single-phase	2.2	Starting, Operating Built-in Capacitor
BP-D3012		2–3HP Single-phase		
BP-D5033	Three-phase 220V	1–5HP Three-phase	2.6	-

Multi-Purpose Pump

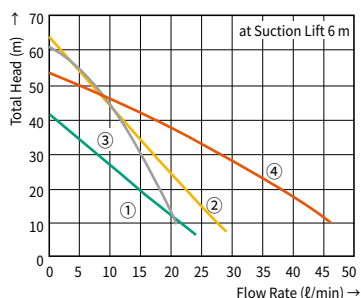
PW-200M, 350M, 351M, 600M

Self-priming Booster Pump



PW-200/350/351/600M

Performance Curve



- ① PW-200M ② PW-350M
③ PW-351M ④ PW-600M

* The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the operating range.

Specifications

Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max. Flow Rate (ℓ/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PW-200M	Single-phase 220V 60Hz	200	21	8	13	24 (Hs=6m)	20 (PF 3/4")	11	PW-K132M
PW-350M		350	32		24	28 (Hs=6m)	25 (PF 1")	13	PW-K261M
PW-351M							15 (PF 1/2")	13	PW-K265M
PW-600M		600	36		28	45 (Hs=6m)	32 (PF 1 1/4")	17	PW-405M

* PW-352M: PW-351M model without a baseplate

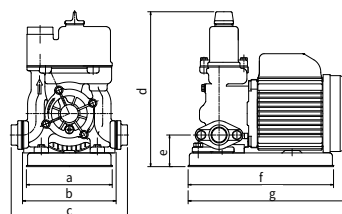
Key Features

- Reduced running costs through high-efficiency design
- Totally enclosed motor
- Easy disassembly and assembly
- Heat-fin motor frame combined with a high-efficiency cooling fan for maximum motor cooling performance

Applications

- Residential and general household boosting
- General water supply

External Dimensions



Unit: mm

Model	a	b	c	d	e	f	g
PW-200M	144	155	193	252	50	244	255
PW-350M		157	201	272	53		
PW-351M		157	201	272	53		
PW-600M	190	180	230	311	66	277	292

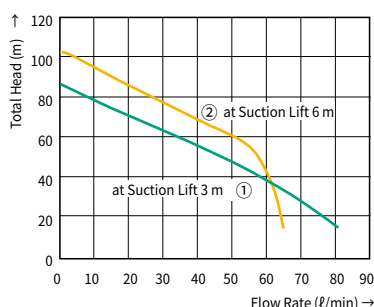
PW-952M/H, 2200M, 2200I/P

Self-priming Booster Pump



PW-952M/H,
2200M, 2200I/P

Performance Curve



- ① PW-952M/H
② PW-2200M, 2200I/P

* The dotted line range on the performance curve indicates the zone above the pressure switch Off pressure and is not the operating range.

Key Features

- Reduced running costs through high-efficiency design
- Totally enclosed motor
- Easy disassembly and assembly
- Heat-fin motor frame combined with a high-efficiency cooling fan for maximum motor cooling performance
- Equipped with IE3 premium efficiency grade motor ("I/P" models)

Applications

- Residential and general household boosting
- General water supply

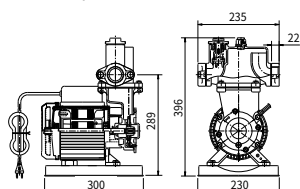
Specifications

Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max. Flow Rate (l/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PW-952M/H	Single-phase 220V 60Hz	950	38	8	30	80 (Hs=3m)	40 (PF 1 1/2")	23	PW-801M, 951M
PW-2200M		2,200	63	8	55	65 (Hs=6m)		34	-
PW-2200I/P	Three-phase 220/380V 60Hz	2,200	63	8	55	65 (Hs=6m)		34	-

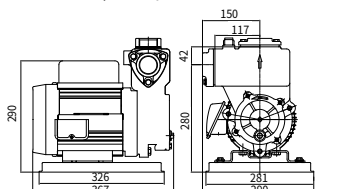
* "I/H" models use IEC-standard motor core size.

External Dimensions

PW-952M/H



PW-2200M, 2200I/P



Unit: mm

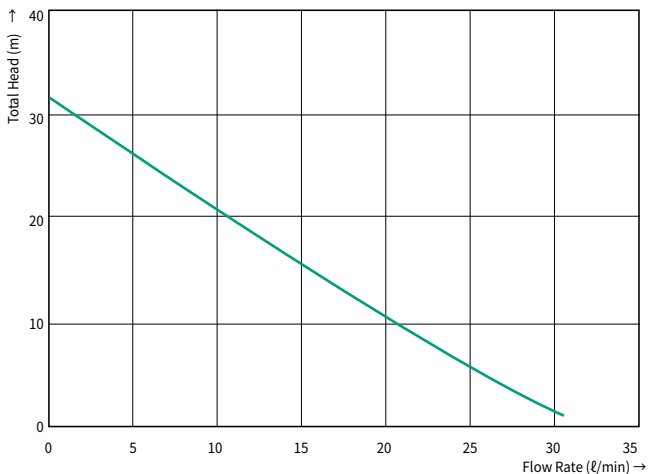
Multi-Purpose Pump

PWN-350M

Non-self-priming Booster Pump



Performance Curve



Key Features

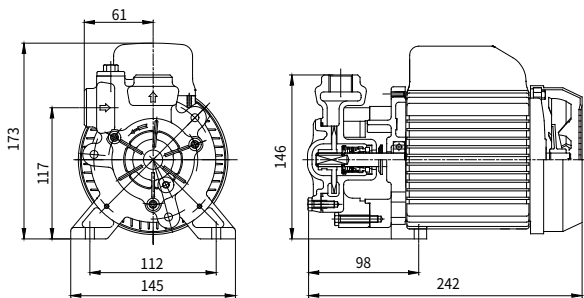
- Corrosion-resistant wetted parts ensure a consistently clean water supply (note: no filtration function)
- Simple structure for straightforward piping connection
- Long service life

Applications

- For use with vending machines

External Dimensions

PWN-350M Unit: mm



Specifications							
Model	Power	Output (W)	Delivery Head (m)	Max Flow (ℓ/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PWN-350M	Single-phase 220V 60Hz	350	22	30	15(PF 1/2")	8	PWN-262M

Multi-Purpose Pump

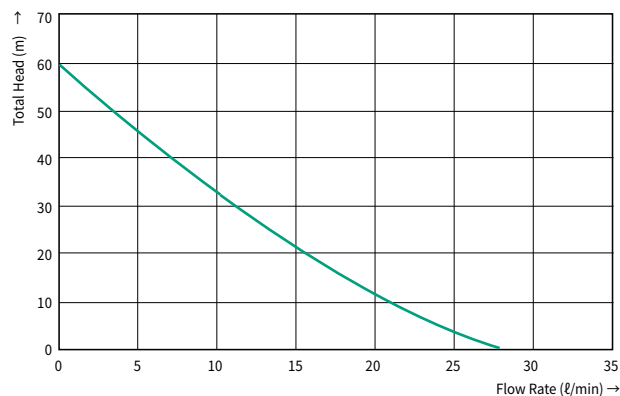
PWN-351M

Non-self-priming Booster Pump



PWN-351M

Performance Curve



Key Features

- Simple structure for straightforward piping connection
- Long service life

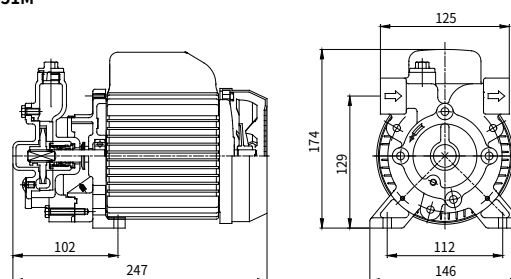
Applications

- For equipment attachment: boilers, industrial washing machines, etc. (PWN-351)

External Dimensions

PWN-351M

Unit: mm



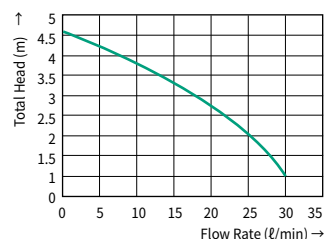
Specifications

Model	Power	Output (W)	Delivery Head (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PWN-351M	Single-phase 220V 60Hz	350	32	26	15 (PF 1/2")	8

PF-065M



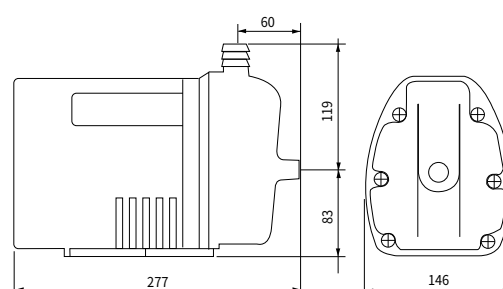
Performance Curve



Applications

- Multi-purpose household use: flowers, car washing, laundry, etc.

External Dimensions



Unit: mm

Specifications

Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Max Flow (l/min)	Weight (kg)	Previous Model
PF-065M	Single-phase 220V 60Hz	40	4	1	3	30	4	PF-064M

Multi-Purpose Pump

GP 20-A, 30-A

Engine Pump



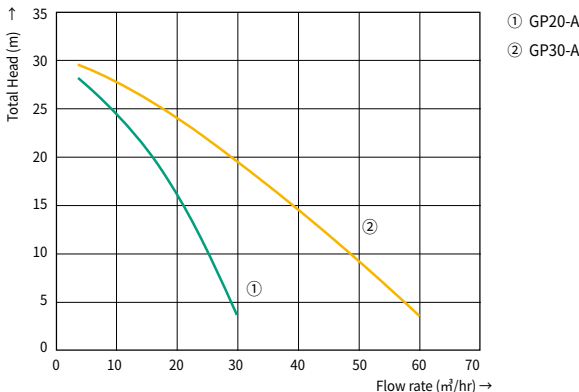
Key Features

- Reinforced aluminum pump casing for outstanding durability and reliability
- Fan-cooled oil tank structure maintains optimal engine oil temperature at all times
- Specialist mechanical seal for superior leak prevention
- Discharge direction selectable to suit site requirements
- Compact design keeps weight to a minimum
- Excellent fuel economy reduces gasoline consumption
- Korea's widest service network

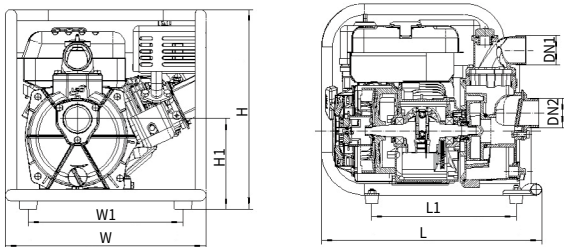
Applications

- Emergency response: floods, droughts, and other crises
- Agricultural: irrigation water supply
- Industrial: water transfer

Performance Curve



External Dimensions



Unit: mm

Model	DN1	DN2	L	W	H	L1	W1	H1
GP20-A	50	50	462	397.5	405.5	306.5	302.5	181
GP30-A	80	80						189

Specifications

Model	Pipe Diameter (mm, inch)	Max Flow (m³/hr)	Max Head (m)	Suction Height (m)	Engine Type	Rated Output (HP)	Ignition Device	Displacement (cc)	Rotation Speed	Fuel Tank Capacity (ℓ)	Oil Tank Capacity (ℓ)	Starting Method	Fuel	Weight (kg)
GP20-A	50(2")	30	27	8	Single-cylinder, 4-stroke, air-cooled, OHV	6.5	TCI	196	3600rpm	2.8	0.55	Recoil Starter	Gasoline	21.5
GP30-A	80(3")	60												22.5

Multi-Purpose Pump

PUN-350M, 951M/H, 990M, 1855M, 1850M

Agricultural & Industrial Pump



PUN-350M



PUN-951M/H

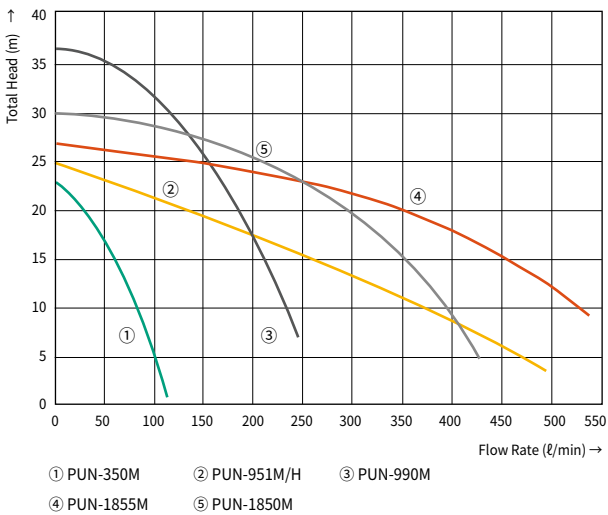


PUN-990M



PUN-1855M/1850M

Performance Curve



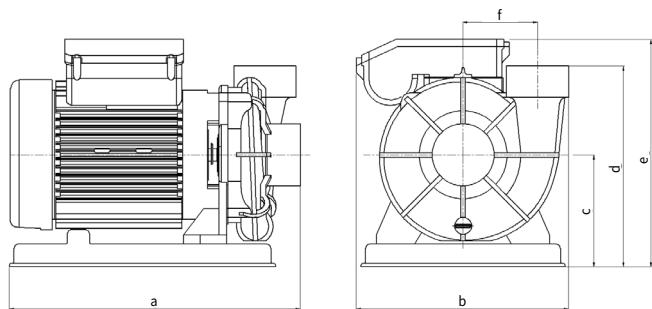
Key Features

- 5–10% improvement in efficiency and performance over self-priming models
- Optimized for pressurization systems such as irrigation and sprinkler networks
- Lighter and more compact than self-priming equivalents

Applications

- Sites with pressurized suction conditions, such as sprinkler and irrigation systems

External Dimensions



Unit: mm

Model	a	b	c	d	e	f
PUN-350M	242	142	74	193	-	-
PUN-951M/H	359	230	126	256	268	76
PUN-990M	324	220		261	267	-
PUN-1855M	328	240		226	256	84
PUN-1850M						

Specifications							
Model	Power	Output (W)	Power Consumption (W)	Max Flow (l/min)	Max Head (m)	Diameter (mm,inch)	Weight (kg)
PUN-350M	Single-phase, 220V, 60Hz	350	490	100	21	25(1")	7.5
PUN-951M/H		950	1,600	480	22	50(2")	22
PUN-990M		990	1,900	250	35	32(1 1/4")	20
PUN-1855M		1,850	2,400	530	27	50(2")	22
PUN-1850M				425	30		

* “/H” models are equipped with an IEC Standard Motor Core.

Multi-Purpose Pump



WJ-203M

Key Features

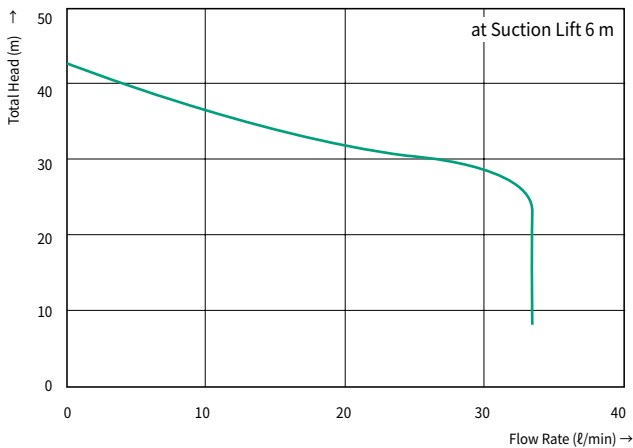
- Engineering plastic and stainless steel wetted parts deliver excellent corrosion resistance
- Stainless steel Impeller for outstanding abrasion resistance
- Built-in jet enables self-priming up to 6 m
- Lightweight with carry handle for easy portability
- Low initial investment and running costs

Applications

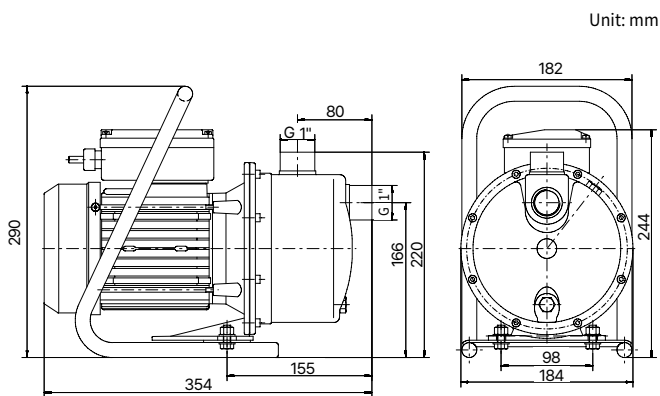
- Residential and general household boosting
- General water supply

Specifications							
Model	Power	Output (W)	Max. Head (m)	Flow Rate (ℓ/min)	Max. Suction Lift (m)	Diameter (mm, inch)	Weight (kg)
WJ-203M	Single-phase 220V 60Hz	800	42	25 (when Ht=29m)	6	25 (PF 1")	15

Performance Curve



External Dimensions



* As this pump has a built-in jet, fluid noise may occur under self-priming conditions. Fitting a control valve on the discharge pipe will reduce noise in such cases.

Automatic Switching

- Can be converted to fully automatic operation by attaching a flow controller.



Automatic flow controller
Wilo-HiControl



Installation Example

Agricultural & Industrial Pump

PU-350M, 602M, 602U, 651M

Agricultural & Industrial Pump

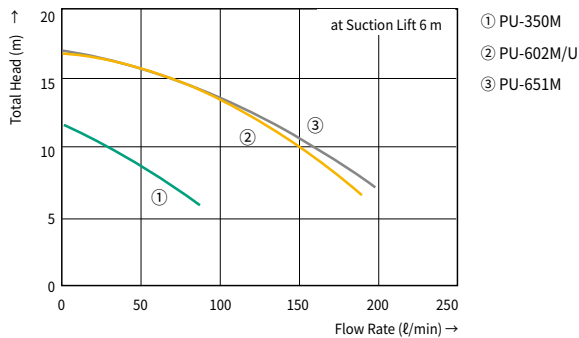


PU-602M/U, 350M

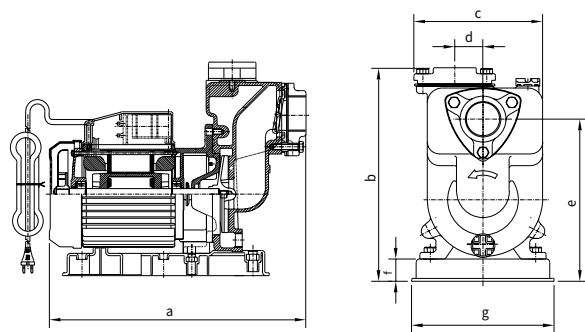


PU-651M

Performance Curve



External Dimensions



in: mm

Key Features

- Enclosed motor design for highly efficient cooling
- Motor well protected against foreign matter and moisture, resulting in fewer breakdowns

Model	a	b	c	d	e	f	g
PU-350M	345	267	150	22	196	23	144
PU-602M/U	346	288	174	38	219	30	192
PU-651M		287	167	27	200		

Applications

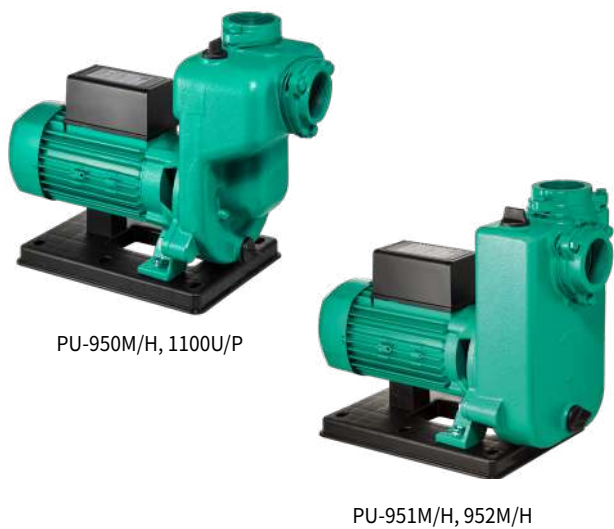
- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

Specifications										
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm,inch)	Weight (kg)			
PU-350M	Single-phase, 220V, 60Hz	350	10	6	155(Hs=0.5m)	32(1 1/4")	14			
PU-602M		600	16	8	287(Hs=0.5m)	40(1 1/2")	16.5			
PU-602U	3-Phase, 380V, 60Hz		17		290(Hs=0.5m)					
PU-651M	Single-phase, 220V, 60Hz									

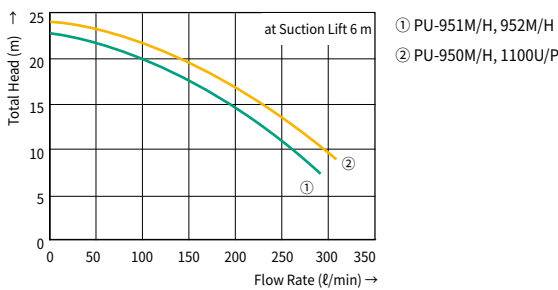
Agricultural & Industrial Pump

PU-950M/H, 951M/H, 952M/H

Agricultural & Industrial Pump



Performance Curve



Key Features

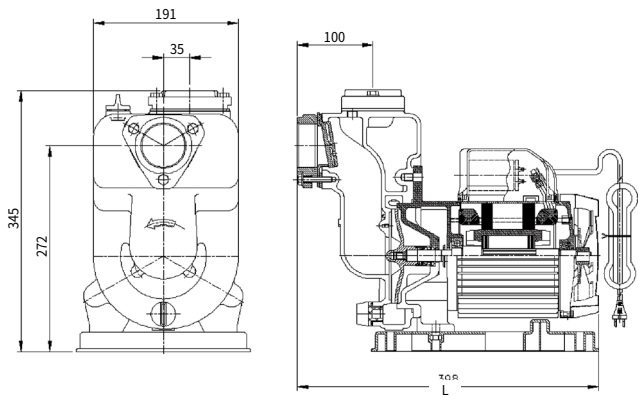
- Stainless steel friction plate extends service life well beyond that of standard pumps in highly corrosive environments (PU-952M/H)
- Equipped with IE3 premium efficiency grade motor (“/P” models)

Applications

- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

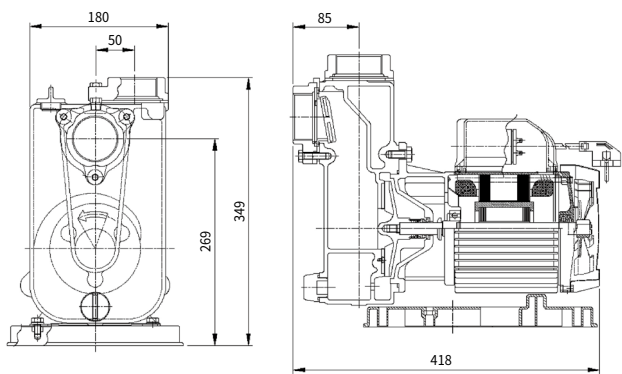
External Dimensions

PU-950M/H, 1100U/P



PU-951M/H, 952M/H

Unit: mm



Model	Dimensions (mm)
	L
PU-950M/H	456
PU-1100U/P	398

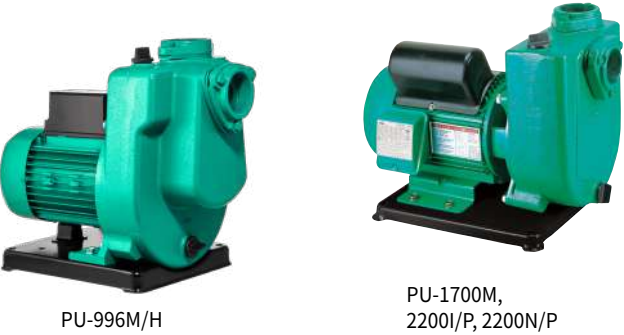
Specifications							
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm, inch)	Weight (kg)
PU-950M/H	Single-phase, 220V, 60Hz	950	22.5	8.5	420 (Hs=0.5m)	50(2")	27.5
PU-1100U/P	3-Phase, 380V, 60Hz	1,100	22.5				
PU-951M/H	Single-phase, 220V, 60Hz	950	22		375 (Hs=0.5m)		
PU-952M/H	Single-phase, 220V, 60Hz	950	22				

* “/H” models are equipped with an IEC Standard Motor Core.

Agricultural & Industrial Pump

PU-996M/H, 1700M, 2200I/P, 2200N/P

High-Pressure Pump



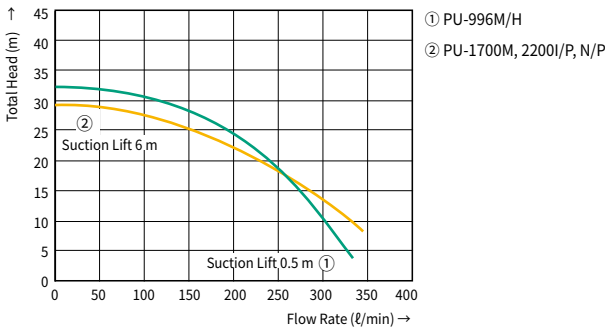
Key Features

- High-head, high-flow pump
- Stainless steel Impeller (PU-996M/H)
- Equipped with IE3 premium efficiency grade motor (“/P” models)

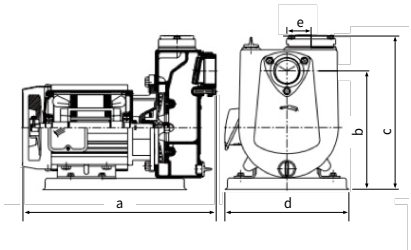
Applications

- Agricultural / industrial water transfer
- Agricultural use: greenhouses, flower farms, etc.

Performance Curve



External Dimensions



Model	a	b	c	d	e
PU-996M/H	423	262	331	236	39
PU-1700M, 2200I/P, N/P	432	263	341	277	-

Specifications							
Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max Flow (ℓ/min)	Diameter (mm,inch)	Weight (kg)
PU-996M/H	Single-phase, 220V, 60Hz	1.5	32	5	340 (Hs=0.5m)	50(2")	30
PU-1700M	Single-phase, 220V, 60Hz	1.7	30	8	480 (Hs=0.5m)		43.5
PU-2200I/P	Three-phase 220/380V 60Hz	2.2	30	8	480 (Hs=0.5m)		43.5
PU-2200N/P	3-Phase, 440V, 60Hz	2.2	30	8	480 (Hs=0.5m)		43.5

* Using PU-1700M or PU-2200I/P for boosting applications voids the product warranty.
* For PU-1700N (Three-phase 440V), please contact the sales team.
* “/H” models are equipped with an IEC Standard Motor Core.

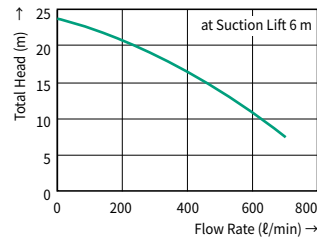
Agricultural & Industrial Pump

PU-2300M, 2300I/P

3HP 3-inch pump



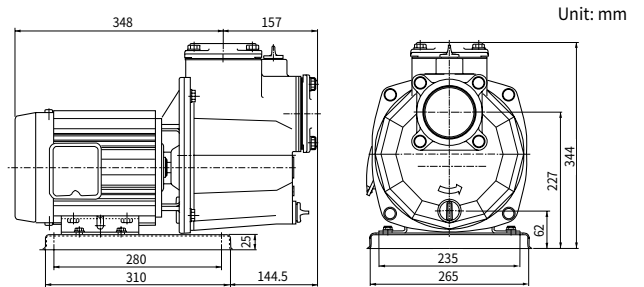
Performance Curve



Applications

- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

External Dimensions



Key Features

- 3-inch discharge port for high flow capacity
- Suction and discharge hose couplings included
- Equipped with IE3 premium efficiency grade motor ("P" models)

Specifications

Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PU-2300M	Single-phase, 220V, 60Hz	2.2	22	8	850 (Hs=0.5m)	80(3")	47
PU-2300I/P	Three-phase 220/380V 60Hz						

* Caution: This is a self-priming / high-flow product. Noise levels (90 dB) are significant when used indoors; outdoor use is strongly recommended.

PU-3000I/P

Agricultural & Industrial Pump



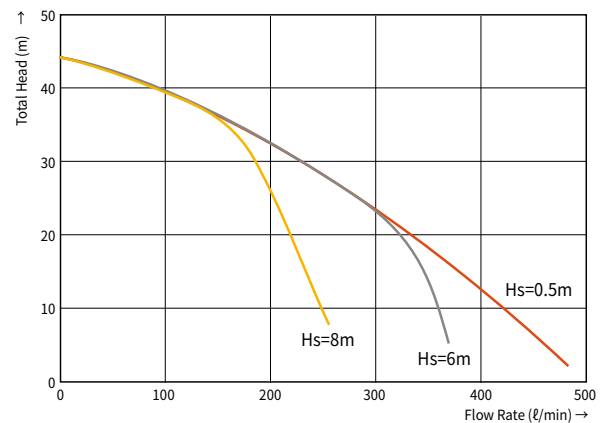
Key Features

- High flow output
- Lightweight build for easy handling (approx. 45 kg)
- Equipped with IE3 premium efficiency grade motor ("P" models)

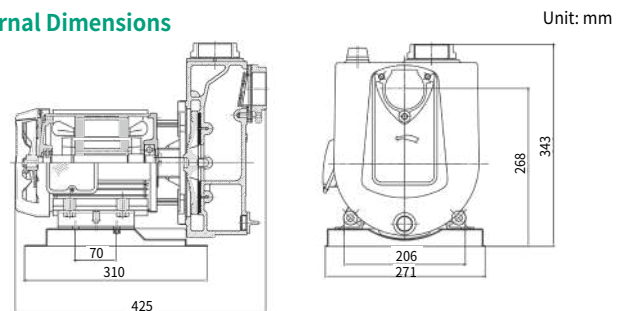
Applications

- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

Performance Curve



External Dimensions



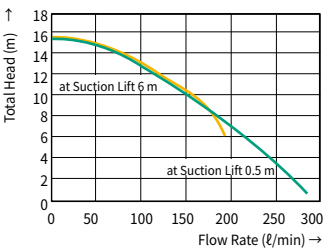
Specifications

Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PU-3000I/P	Three-phase 220/380V 60Hz	2.9	40	8	500 (Hs=0.5m)	50(2")	45

Agricultural & Industrial Pump



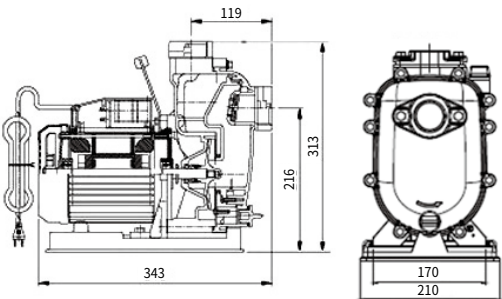
Performance Curve



Applications

- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

External Dimensions



Unit: mm

Key Features

- Enclosed motor design for highly efficient cooling
- Motor well protected against foreign matter and moisture, resulting in fewer breakdowns
- Engineering plastic construction keeps the unit light and easy to handle

Specifications							
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (l/min)	Diameter (mm, inch)	Weight (kg)
PU-S600M	Single-phase, 220V, 60Hz	600	15	8	286 (Hs=0.5m)	40(1 1/2")	12
PU-S600U	Three-phase 380V 60Hz						

Agricultural & Industrial Pump

PUM-2505M, 2505U/P, 2505N/P

High-Pressure Pump



PUM-2505M



PUM-2505U/P, N/P

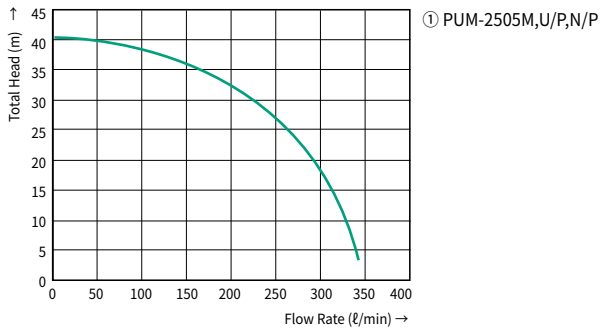
Applications

- Agricultural · industrial water transfer
- Agricultural use: greenhouses, flower farms, etc.
- Dedicated for agricultural sprinkler systems

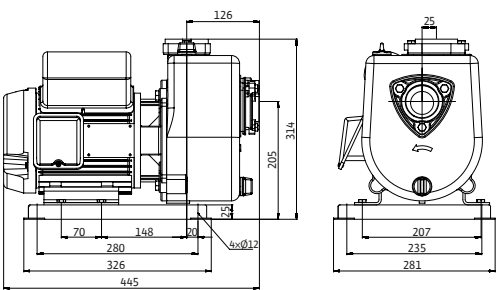
Key Features

- High-head, high-flow pump
- Stainless steel impeller
- Superior performance compared to competing products
- Built-in motor protection device (OLP)
- KC Safety certified

Performance Curve



External Dimensions



Unit: mm

Model	a	b	c	d	e
PUM-2505M, U/P, N/P	445	205	314	281	25

Specifications							
Model	Power	Output (kW)	Total Head (m)	Max. Suction Lift (m)	Max. Flow (l/min)	Diameter (mm,inch)	Weight (kg)
PUM-2505M	Single-phase, 220V, 60Hz	2.5	40	6	350 (Hs=0.5m)	50(2")	46
PUM-2505U/P	3-Phase, 380V, 60Hz	2.5	40	6	350 (Hs=0.5m)		45.5
PUM-2505N/P	3-Phase, 440V, 60Hz	2.5	40	6	350 (Hs=0.5m)		45.5

* Three-phase: Based on suction height of 0.5m

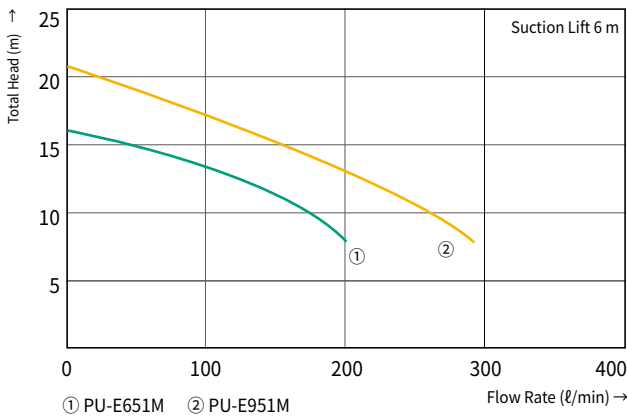


PU-E651M



PU-E951M

Performance Curve



Key Features

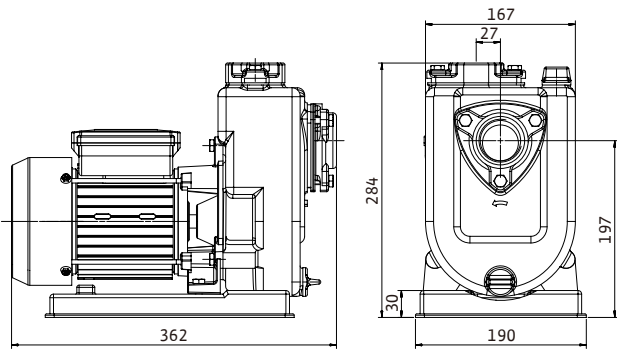
- Enclosed motor design for highly efficient cooling
- Motor well protected against foreign matter and moisture, resulting in fewer breakdowns
- Copper windings ensure excellent motor durability and efficiency
- Parts compatibility with existing products

Applications

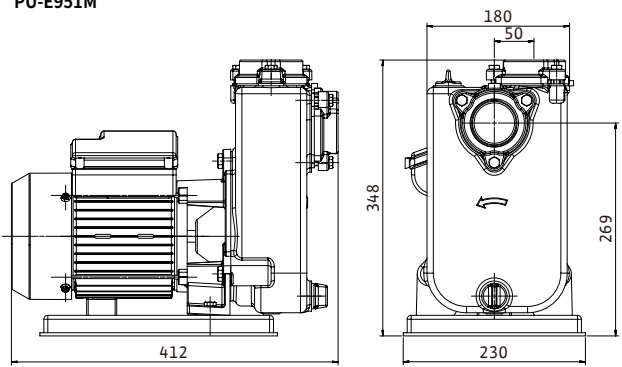
- Agricultural use: greenhouses, flower farms, etc.
- Agricultural / industrial water transfer

External Dimensions

PU-E651M



PU-E951M



Unit: mm

Specifications							
Model	Power	Output (W)	Total Head (m)	Max. Suction Lift (m)	Max Flow (l/min)	Diameter (mm,inch)	Weight (kg)
PU-E651M	Single-phase, 220V, 60Hz	650	16	8	270 (Hs=0.5m)	40 (1 1/2")	18.5
PU-E951M		950	20.5	8.5	350 (Hs=0.5m)	50 (2")	27.5

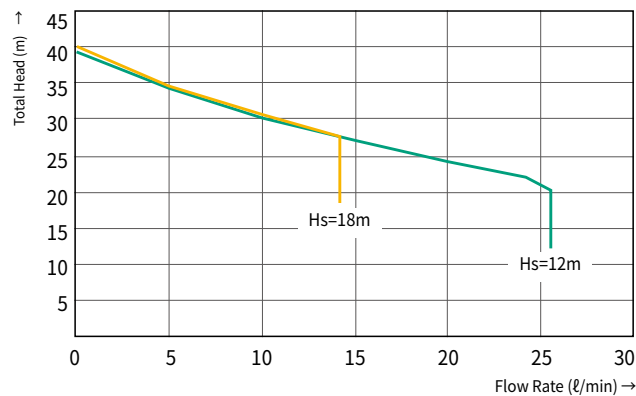
Deep Well Pump

PC-P350SMA, P351SMA

Deep Well Pump



Performance Curve



Key Features

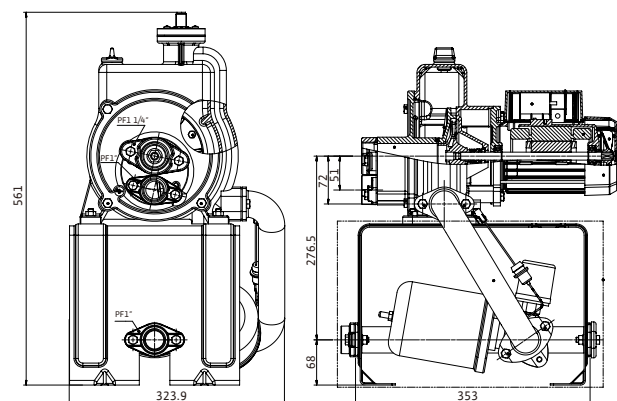
- Reinforced design over previous models for longer service life and more stable operating performance
- Added flow switch for more reliable operation and reduced noise
- Reinforced pressure tank and bracket for greater durability
- Upgraded motor insulation class (B → F) for extended motor life
- Compatible with competing products for easy installation and low-effort maintenance

Applications

- For use with deep well and shallow well

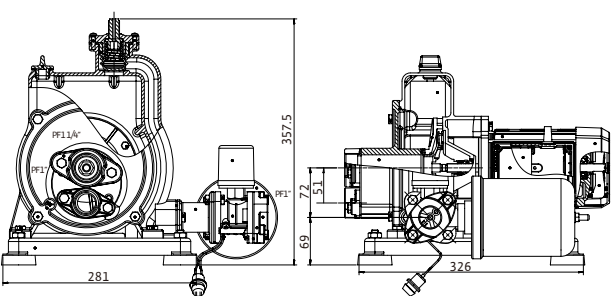
External Dimensions

PC-P350SMA



PC-P351SMA

(unit: mm)



Specifications								
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Flow Rate (l/min)	Diameter (mm,inch)	Weight (kg)
PC-P350SMA	Single-phase, 220V, 60Hz	350	12	6	6	40	32(1 1/4"), 25 (1")	27
			22	12	10	24		
			28	18	10	12		
PC-P351SMA			12	6	6	40		22
			22	12	10	24		
			28	18	10	12		

Deep Well Pump

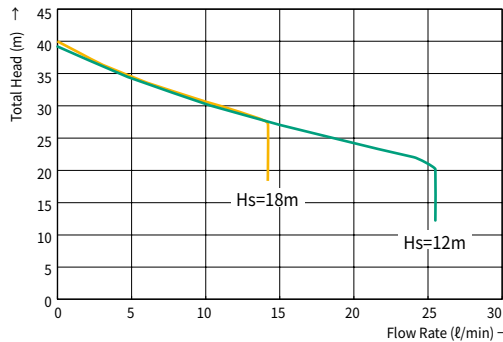
PC-350NMA

For use with deep well and shallow well (automatic, large tank)

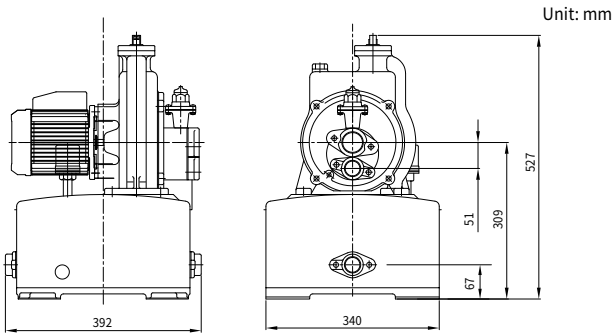


Specifications									
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Flow Rate (ℓ/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PC-350NMA	Single-phase 220V 60Hz	350	12	6	6	40	32(1 1/4")/ 25(1")	32	PC-256MA
			22	12	10	24			
			28	18		12			

Performance Curve



External Dimensions



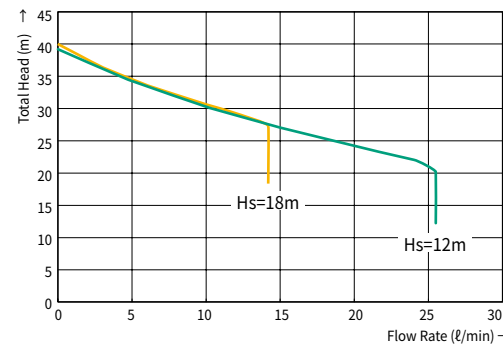
PC-350SMA

For use with deep well and shallow well

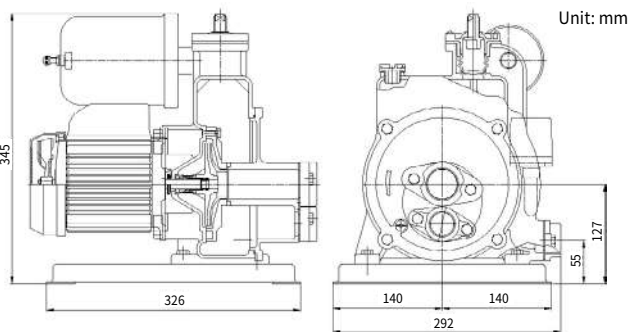


Specifications									
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Flow Rate (ℓ/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PC-350SMA	Single-phase 220V 60Hz	350	12	6	6	40	32(1 1/4")/ 25(1")	22	PC-257MA
			22	12	10	24			
			28	18		12			

Performance Curve



External Dimensions



Deep Well Pump

PC-601NMA, 600LMA, 950LMA/H

Deep Well Pump



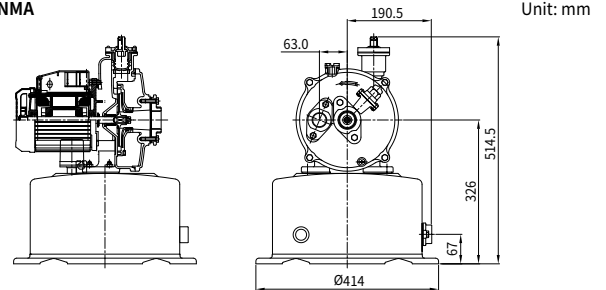
PC-601NMA



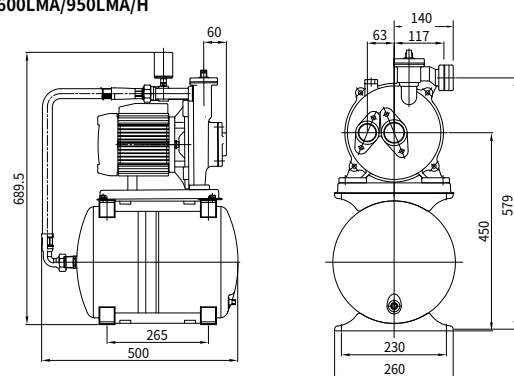
PC-600LMA/950LMA/H

External Dimensions

PC-601NMA



PC-600LMA/950LMA/H



Specifications

Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Flow Rate (ℓ/min)	Tank Capacity (ℓ)	Diameter (mm, inch)	Weight (kg)	Previous Model
PC-601NMA	Single-phase 220V 60Hz	600	23	12	11	34	-	32(1 1/4")/25(1")	32	PC-401
			29	18		25				
			35	24		15				
			41	30		8				
PC-600LMA		950	24	12	12	50	950	32(1 1/4")/25(1")	32	PC-753
			30	18		35				
			36	24		23				
			42	30		13				
			47	35		8				

* "/H" models use IEC-standard motor core size.

Jet

Sold separately



Jet

Jet

PJ40-30

- Suction height 30m (for use with PC-600M, 601NMA, 950M)

PJ25-12

- Suction height 12m (for use with PC-350NMA, 350SMA, 351NMA)

PSJ-50P

- Single-pipe jet for PVC piping
(for use with PC-350NMA, 350SMA, 351NMA,, 601NMA, 950M)

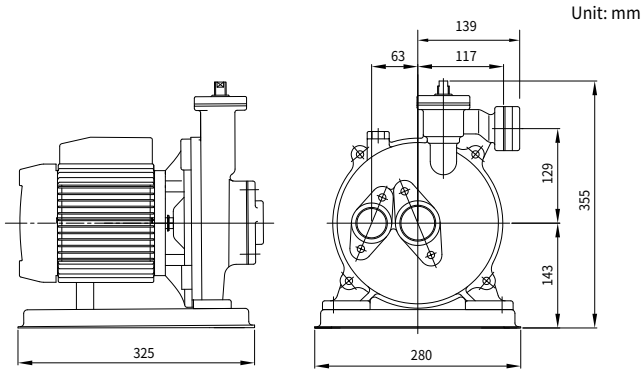
Deep Well Pump

PC-600M, 950M/H

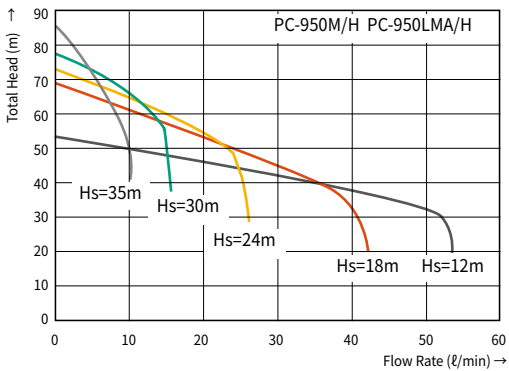
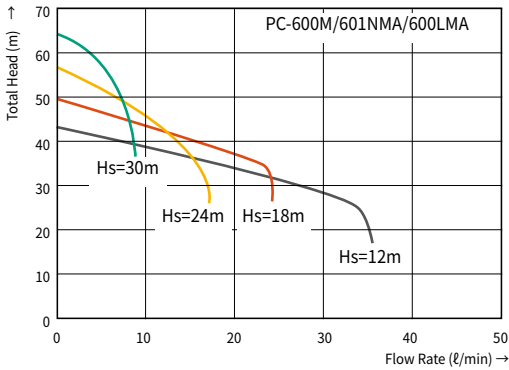
For deep well only; non-automatic



External Dimensions



Performance Curve



Specifications									
Model	Power	Output (W)	Total Head (m)	Suction Lift (m)	Delivery Head (m)	Flow Rate (l/min)	Diameter (mm, inch)	Weight (kg)	Previous Model
PC-600M	Single-phase 220V 60Hz	600	23	12	11	34	32(1 1/4")/ 25(1")	22	PC-400M
			29	18		25			
			35	24		15			
			41	30		8			
PC-950M/H	Single-phase 220V 60Hz	950	24	12	12	50		32	PC-750M
			30	18		37			
			36	24		25			
			42	30		15			
			47	35		10			

* "/H" models use IEC-standard motor core size.

Applicable Jets					
Model	Suction Height				
	12m	18m	24m	30m	35m
PJ25-12					
PJ40-30					
PSJ-50P					

* : PC-350NMA/SMA/351NMA, PC-P350SMA, PC-P351SMA
 : PC-600M/LMA/601NMA
 : PC-950M/H PC-950LMA/H

Hot Water Circulation Pump

PH-038M, 045M, 046M, K043M

Hot Water Circulation Pump

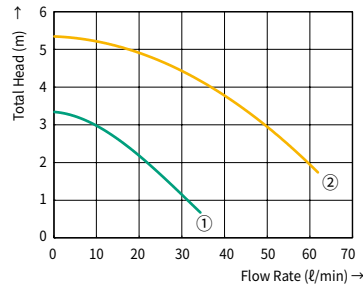


PH-045M



PH-K043M

Performance Curve



① PH-038M

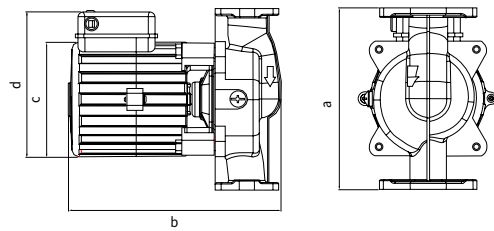
② PH-045M, 046M, K043M

Key Features

- Low motor temperature rise for a longer service life
- Aluminum motor frame for a light, compact form factor
- 100% installation-compatible with existing models

External Dimensions

Unit: mm



Specifications						
Model	Power	Output (W)	Max. Head (m)	Max. Flow Rate (l/min)	Flange Size (mm, inch)	Weight (kg)
PH-038M	Single-phase 220V 60Hz	20	3	34	25(1")	5
PH-045M		40	4.5	60	32(1 1/4")	
PH-046M					25(1")	
PH-K043M					25(1")	

Model	Dimensions	a	b	c	e
PH-038M		124	146	Ø89	112
PH-045M		150	178	Ø95	120
PH-046M					
PH-K043M		150	214	Ø94	120

* Stainless steel bolts used for casing-to-motor bracket fastening (PH-K043M)

PH-080M, 081M, 100M, 200M, 250M, 350M

Hot Water Circulation Pump

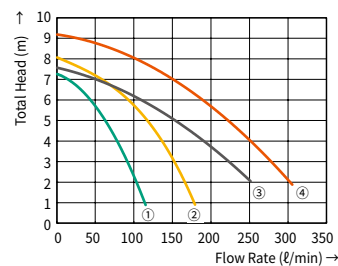


PH-080M



PH-100M

Performance Curve



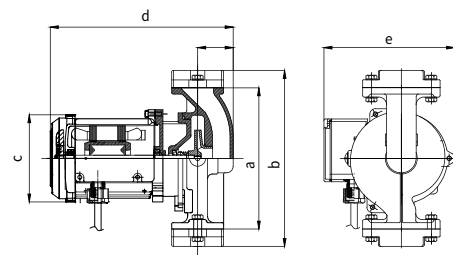
① PH-080M/081M/100M

② PH-200M

③ PH-250M

④ PH-350M

External Dimensions



Unit: mm

Model	a	b	c	d	e
PH-080M/081M	180	224	95.2	208	137.7
PH-100M	180	224	111	229	164
PH-200M	210	274	133	281	175
PH-250M/350M	260	312		305	195

Specifications							
Model	Power	Output (W)	Total Head (m)	Max Flow (ℓ/min)	Flange Size (mm, inch)	Weight (kg)	Previous Model
PH-080M	Single-phase 220V 60Hz	80	7	115	40(11/2")	6.5	-
PH-081M					32(11/4")		
PH-100M		100			40(11/2")	7	
PH-200M		200	160	11		PH-K101M	
PH-250M		250	216	12		PH-K202M	
PH-350M		350	8.5		300	50(2")	-

* The pump may fail to start if pressure exceeds the maximum permissible pressure.

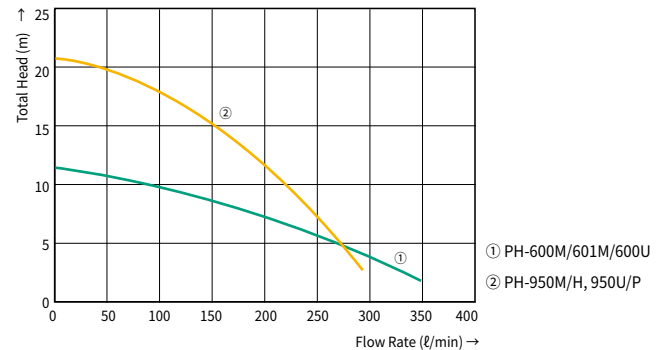
Hot Water Circulation Pump

PH-600U, 600M, 601M, 950M/H, 950U/P

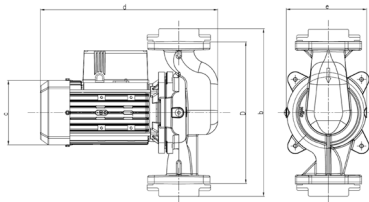
Hot Water Circulation Pump



Performance Curve



External Dimensions



Unit: mm

Model	a	b	c	d	e
PH-600U	280	334	Ø143	302	175
PH-600M, 601M			Ø146	315	
PH-950M/H, 950U/P			Ø164	329	

* "/H" models use IEC-standard motor core size "/P" models are equipped with IE3 motors.

Specifications

Model	Power	Output (W)	Total Head (m)	Max. Flow Rate (ℓ/min)	Flange Diameter (mm, inch)	Weight (kg)	Previous Model
PH-600U	Three-phase 380V 60Hz	600	11	320	65 (2 1/2")	20	PH-K431I
PH-600M	Single-phase 220V 60Hz	600			80(3")		PH-K431M
PH-601M							
PH-950M/H	Three-phase 380V 60Hz	950	19	291	50(2")	21	-
PH-950U/P							

* The pump may fail to start if pressure exceeds the maximum permissible pressure.

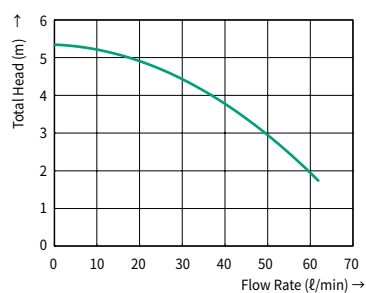
Seawater Circulation Pump

PH-K043MU

Seawater Circulation Pump



Performance Curve



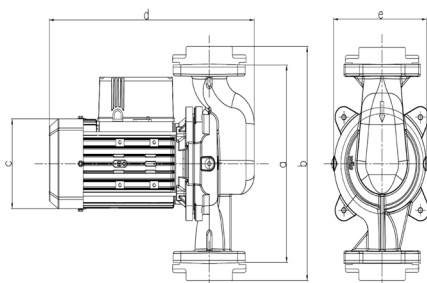
Key Features

- Broader installation compatibility (fits both 25 mm and 32 mm piping)
- Superior performance output compared to equivalent competing products
- Union-thread suction and discharge ports for tool-free installation

Applications

- Aquariums and seawater circulation systems

External Dimensions



Unit: mm

Specifications

Model	Power	Output (W)	Max Head (m)	Max. Flow (l/min)	Flange Size (mm,inch)	Weight (kg)
PH-K043MU	Single-phase, 220V, 60Hz	40	4.5	60	25 (1")	5

* Stainless steel bolts used for casing-to-motor bracket fastening

Hot Water Circulation Pump



RS 25/6



RS 25/6F

* When purchasing the union-type RS, the RSU must be purchased separately.

Key Features

- Operates across a wide fluid temperature range: -10°C to 110°C
- Rated for high-pressure applications up to 10 bar
- Whisper-quiet operation at 37 dB or below
- Water-cooled canned motor
- Ceramic hollow shaft for outstanding abrasion resistance
- Simple installation, disassembly, and reassembly
- 3-speed setting for energy savings

Applications

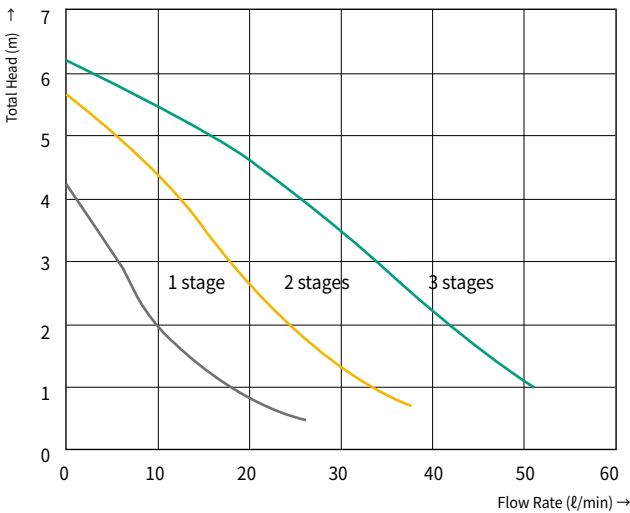
- Hot water circulation
- Closed-loop circulation systems for industrial and commercial buildings
- Solar hot water systems

Specifications							
Model	Power	Power Consumption (W)	Total Head (m)	Flow Rate (ℓ/min)	Suction/Discharge Diameter (mm, inch)	Connection dimensions (mm, inch)	Weight (kg)
RS 25/6	Single-phase 220V 60Hz	65	6	25 (when total head is 4m)	25(1")	40(1 1/2")	2.4
RS 25/6F		70				-	

* Suction/discharge sizes indicate recommended pipe diameters. * RS 25/6F: Flange type.

Fluid Temperature (°C)	+50	+95	+110
Minimum Suction Pressure (bar)	0.05	0.3	1.0

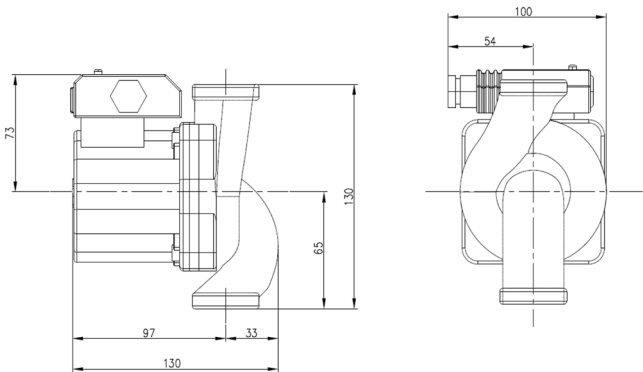
Performance Curve



External Dimensions

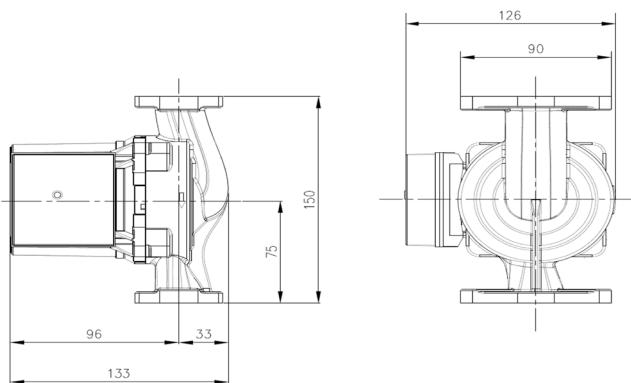
RS 25/6

Unit: mm



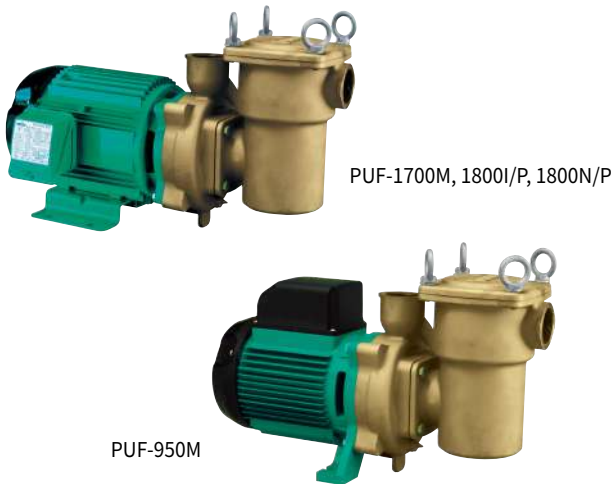
RS 25/6F

Unit: mm

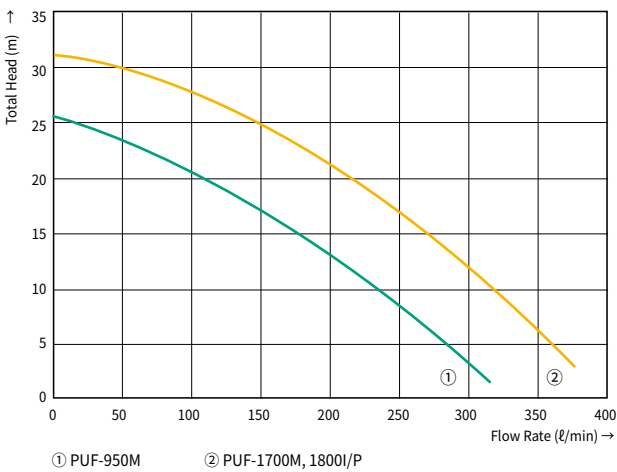


Hot Water Circulation Pump (for Filter Use)

PUF-950M, 1700M, 1800I/P



Performance Curve



Key Features

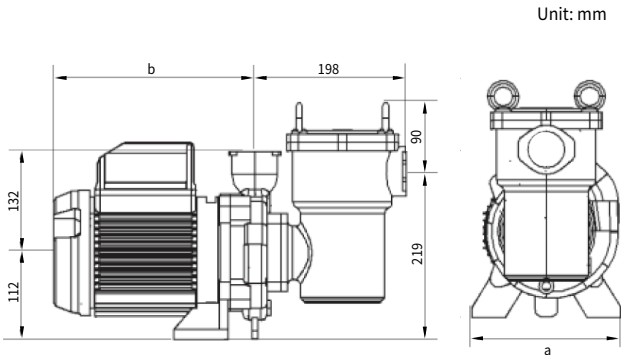
- Suitable for hot water up to 60°C
- Prevents rust formation for hygienic water delivery
- Long bearing service life
- Low-maintenance design
- Sealed construction keeps water out for a longer motor life
- Equipped with IE3 premium efficiency grade motor (“/P” models)

Applications

- For public bathhouses, saunas, and jjimjilbangs
- For use with sand filters
- Boosting for bath and spa equipment (water features, immersion tubs, neck showers, etc.)

Specifications							
Model	Power	Output (W)	Max. Head (m)	Max. Flow Rate (ℓ/min)	Diameter (mm, inch)	Weight (kg)	Note
PUF-950M	Single-phase 220V 60Hz	950	22	290	40 (1½")	30	Non-self-priming type
PUF-1700M	Single-phase 220V 60Hz	1,700	28	350		38	
PUF-1800I/P	Three-phase 220/380V 60Hz	1,800					

External Dimensions



Dimensions		
Model	a	b
PUF-950M	195	262
PUF-1700M, 1800I/P	235	304

Chemical Pump

Applications

Products with Polypropylene (P.P) wetted parts

- Chemical liquid circulation (for specific chemical compatibility, contact your dealer or factory)
- Circulation of live fish water, drinking water, soft water, and general clean water
- Etching equipment for PCBs and electronic components
- Transfer of plating solutions

Products with Noryl wetted parts

- Hot water circulation for solar collector and heat storage tank systems
- Hot water circulation for hot water radiators
- Circulation of live fish water, drinking water, soft water, and general clean water

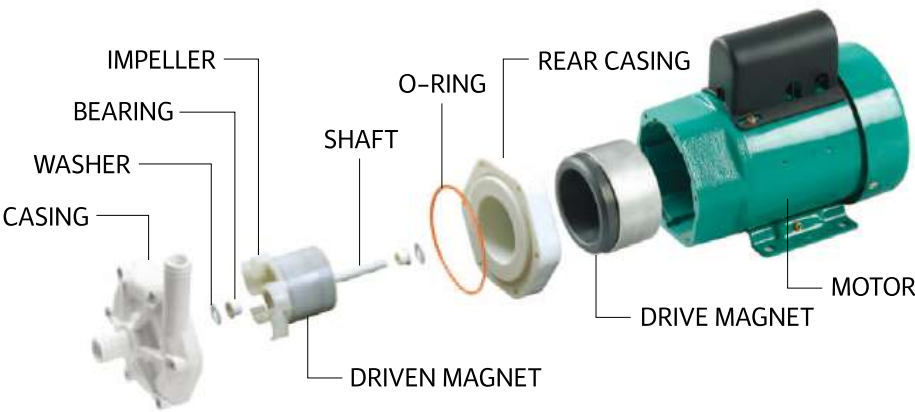


Naming Convention

PM - 25 0 P M H
① ② ③ ④ ⑤ ⑥

① PM	② 25	③ 0	④ P	⑤ M	⑥ H
Model Type	Rated Output	Serial Number	Wetted Parts Main Material	Power Supply	Pipe Connection Type
Magnet Driven Pump	01X10 : 15W 05X10 : 50W 10X10 : 100W 15X10 : 150W 25X10 : 250W 30X10 : 300W	Serial Number	P : PolyPropylene N : Noryl	M : Single-phase 220V, 60Hz I : Three-phase 220 / 380V 60Hz E : Single-phase 220V 50Hz	H : HOSE S : SCREW None : HOSE

Key Features



• No-Leakage Sealless Pump

The magnetic drive system eliminates the need for shaft seals, virtually removing the risk of fluid leakage.

• Outstanding chemical resistance and durability

Glass fiber-reinforced polypropylene (P.P) offers excellent resistance to a wide range of chemicals alongside strong mechanical properties. Ceramic and PTFE are used on all sliding surfaces. An epoxy-coated motor exterior keeps corrosion to a minimum even in harsh environments.

• High-performance compact and lightweight design

A dedicated pump motor paired with a powerful magnet, combined with a flow path optimized to minimize losses, delivers impressive performance in a small, lightweight package. Choose between hose connection or threaded pipe connection.

• High-temperature fluid transfer (PM-015NM, 051NM, 015NE, 051NE)

Noryl resin with excellent heat resistance allows transfer of fluids up to 90°C.

• Easy maintenance

The straightforward pump structure and component design make disassembly, inspection, and reassembly quick and hassle-free.

Chemical Pump

PM Series

Compact Magnetic Pump

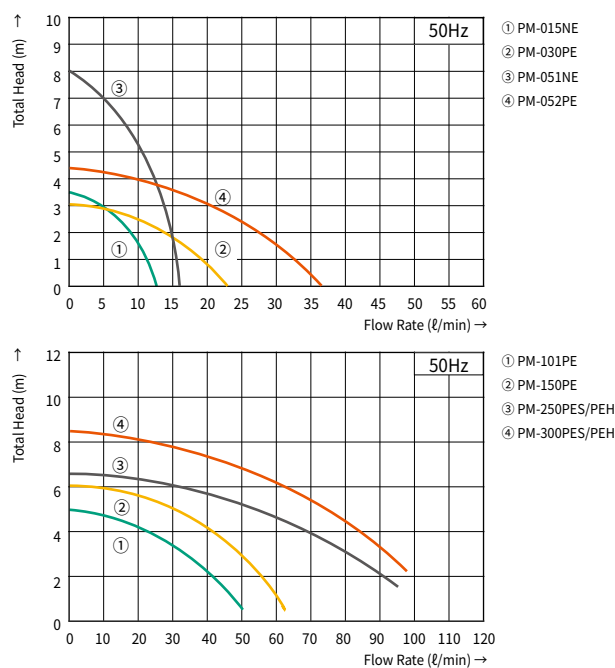
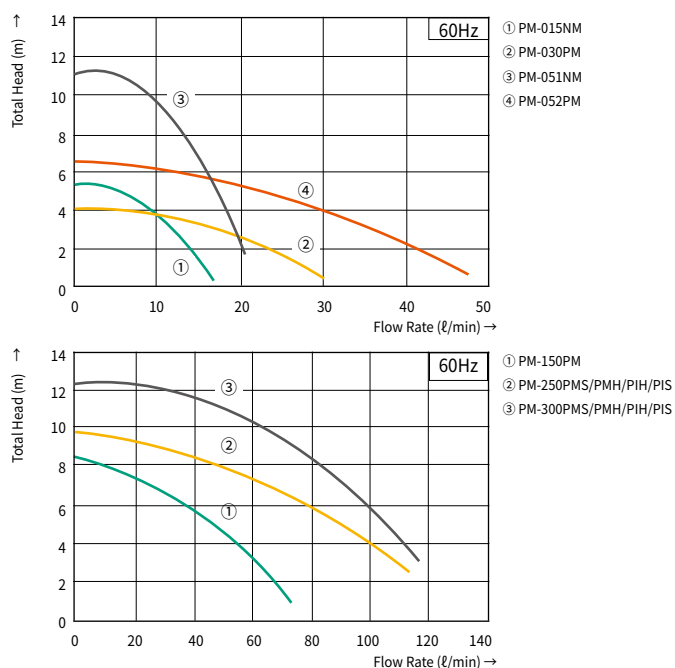
Specifications

Compact Magnetic Pump (60Hz)										
Model	Power	Rated Output (W)	Rated Power Consumption (W)	Max. Total Head (m)	Max Flow (ℓ/min)	Standard Flow (ℓ/min)	Connection Size (mm)	Transfer Fluid Temperature	Wetted Parts Main Material	Application
PM-015NM	1Ø 220V 60Hz	15	39	4.5	19	7 (when total head=4m)	14 hoses	90 °C or below	NORYL	Indoor
PM-030PM		30	55	3.5	28	20 (when total head=2m)	17 hoses	60 °C or below	P.P	
PM-051NM		50	125	10	15	10 (when total head=5m)	19 hoses	90 °C or below	NORYL	
PM-052PM			120	5.5	40	25 (when total head=2.5m)	20 hoses			
PM-150PM		150	250	8	70	45 (when total head=4m)	20 hoses	60 °C or below	P.P	
PM-250PMS		250	410	8	110	75 (when total head=5m)	25(1") screws			
PM-250PMH							26 hoses			
PM-300PMS		300	460	12	130	70 (when total head=9m)	25(1") screws			
PM-300PMH							26 hoses			
PM-250PIS		3Ø 220 / 380V 60Hz	250	410	8	110	75 (when total head=5m)			
PM-250PIH	26 hoses									
PM-300PIS	300		460	12	130	70 (when total head=9m)	25(1") screws			
PM-300PIH							26 hoses			

Compact Magnetic Pump (50Hz)										
Model	Power	Rated Output (W)	Rated Power Consumption (W)	Max. Total Head (m)	Max Flow (ℓ/min)	Standard Flow (ℓ/min)	Connection Size (mm)	Transfer Fluid Temperature	Wetted Parts Main Material	Application
PM-015NE	1Ø 220V 50Hz	15	30	3.5	12	7 (when total head=2.5m)	14 hoses	90 °C or below	NORYL	Indoor
PM-030PE		30	40	2.5	22	15 (when total head=1.5m)	17 hoses	60 °C or below	P.P	
PM-051NE		50	95	8	15	11 (when total head=4m)	19 hoses	90 °C or below	NORYL	
PM-052PE				4	35	25 (when total head=2.5m)	20 hoses			
PM-101PE		100	150	4.5	50	20 (when total head=4m)	20 hoses	60 °C or below	P.P	
PM-150PE		150	230	5.5	60	30 (when total head=4m)				
PM-250PES		250	350	6	90	50 (when total head=4m)	25(1") screws			
PM-250PEH							26 hoses			
PM-300PES		300	390	7.5	95	65 (when total head=4m)	25(1") screws			
PM-300PEH							26 hoses			

* The above performance figures are test results using clean water at ambient temperature. Actual performance may vary depending on operating conditions such as temperature, viscosity, and specific gravity.

Performance Curve

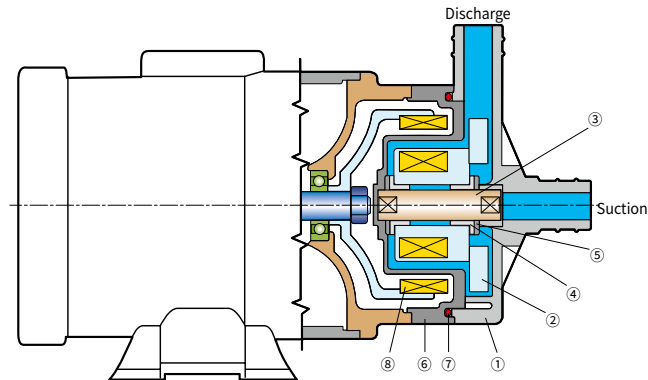


Chemical Pump

PM Series

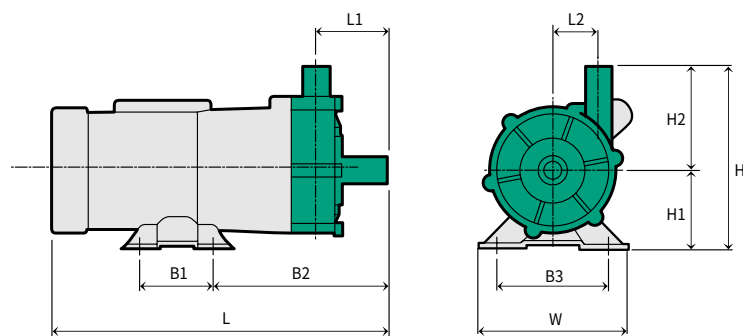
Compact Magnetic Pump

Sectional View



Main Parts Materials			
No.	Part Name	P.P	NORYL
1	Casing	Polypropylene (PP)	Noryl
2	Impeller Unit	Polypropylene (PP)	Noryl
3	Shaft	Ceramic	Ceramic
4	Bearing	Teflon	Carbon
5	Bearing washer	Ceramic	Ceramic
6	Rear casing	Polypropylene (PP)	Noryl
7	O-ring	Viton	EPDM
8	Magnet	Ferrite	Ferrite

External Dimensions



Model	Dimensions (mm)										Weight (kg)
	H	H1	H2	L	L1	L2	B1	B2	B3	W	
PM-015NM/NE	112	56	56	192	30	26	44	95	95	106	2.1
PM-030PM/PE	118	56	62	200	38	25	44	103	95	106	2.2
PM-051NM/NE	157	62	95	245	40	44	44	118	94	108	3.5
PM-052PM/PE	130	60	70	255	48	31	40	149	100	120	3.5
PM-150PM/PE	153	68	85	275	48	50	70	143	86	112	6.8
PM-250PMS/PMH/PIH/PIS	166	71	95	373	73	47	90	219	99	144	10.0
PM-250PES/PEH											
PM-300PMS/PMH/PIH/PIS/PES/PEH	171	71	100	363	65	44	90	211	99	144	11.0
PM-300PES/PEH											

Chemical Pump

PM Series

Medium Magnetic Pump

Applications

Products with polypropylene (P.P) wetted parts

→ PM-P Series

Products with teflon (ETFE) wetted parts

→ PM-E Series

- Chemical liquid circulation (for specific chemical compatibility, contact your dealer or factory)
- Circulation of live fish water, drinking water, soft water, and general clean water
- Etching equipment for PCBs and electronic components
- Transfer of plating solutions



Naming Convention

PM - P - 543 - SV

① ② ③ ④ ⑤ ⑥

① PM	② P	③ 54	④ 3	⑤ S	⑥ V
Series	Wetted Parts Material	Product Code	Rated Output	Impeller Bearing Material	O-RING Material
PM	P: GFRPP E: CFRETFE	Product Code	0 : 1/2HP (0.4KW) 1 : 1HP (0.75KW) 2 : 2HP (1.5KW) 3 : 3HP (2.2KW) 5 : 5HP (3.75KW)	S : SIC P : PTFE	E : EPDM V : VITON

Key Features

• No-leakage sealless pump

The magnetic drive system eliminates the need for shaft seals, virtually removing the risk of fluid leakage.

• Outstanding chemical resistance and durability

Glass fiber-reinforced polypropylene (P.P) offers excellent resistance to a wide range of chemicals alongside strong mechanical properties. Ceramic and PTFE are used on all sliding surfaces.

An epoxy-coated motor exterior keeps corrosion to a minimum even in harsh environments.

• High-performance compact and lightweight design

A dedicated pump motor paired with a powerful magnet, combined with a flow path optimized to minimize losses, delivers impressive performance in a small, lightweight package.

• Easy maintenance

Easy maintenance The straightforward pump structure and component design make disassembly, inspection, and reassembly quick and hassle-free.

Precautions

- Due to the nature of chemical-duty products, impeller machining to suit the operating environment may result in performance that differs from catalogue curves.
- Operating at maximum flow rate may cause pump cavitation. Please consult the factory or sales office when selecting a model.

Chemical Pump

PM Series

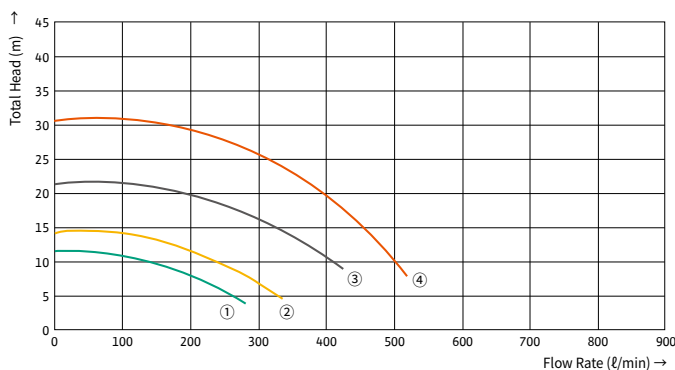
Medium Magnetic Pump

Specifications

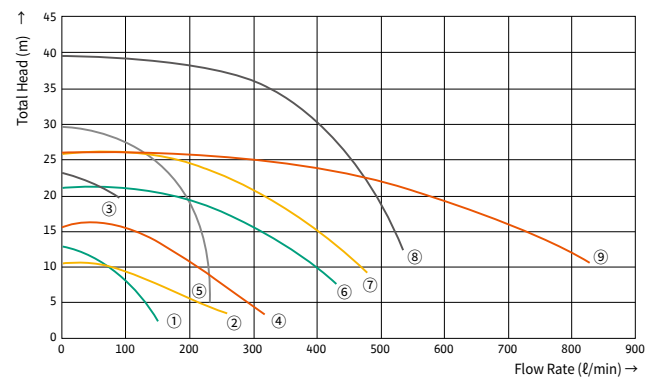
Medium Magnetic Pump – P.P									
Model	Power Specifications	Rated Output (kW)	Rated Power Consumption (kW)	Max. Total Head (m)	Max. Flow Rate (ℓ/min)	Standard Flow Rate (ℓ/min)	Suction/Discharge Diameter (mm)	Transfer Fluid Temperature	Application
PM-P-400-PV	3~ 220/380V 60Hz	0.55	0.71	10.5	310	180 (when total head=8m)	40 40	60°C or below	Indoor
PM-P-401-PV		0.75	0.99	15	350	180 (when total head=11m)	40 40		
PM-P-402-PV		1.5	1.79	21	470	280 (when total head=16m)	50 40		
PM-P-403-PV		2.2	2.55	28	520	300 (when total head=23m)	50 40		

Medium Magnetic Pump – ETFE									
Model	Power Specifications	Rated Output (kW)	Rated Power Consumption (kW)	Max. Total Head (m)	Max. Flow Rate (ℓ/min)	Standard Flow Rate (ℓ/min)	Suction/Discharge Diameter (mm)	Transfer Fluid Temperature	Application
PM-E-250-SV	3~ 220/380V 60Hz	0.37	0.53	12	130	50 (when total head=10m)	25 25	100°C or below	Indoor
PM-E-400-SV		0.37	0.53	11	260	150 (when total head=7.5m)	40 40		
PM-E-251-SV		0.75	0.97	20	90	50 (when total head=18m)	25 25		
PM-E-401-SV		0.75	0.97	14	300	200 (when total head=10m)	40 40		
PM-E-252-SV		1.5	1.75	26	200	150 (when total head=19m)	25 25		
PM-E-402-SV		1.5	1.75	18	380	240 (when total head=15m)	50 40		
PM-E-403-SV		2.2	2.54	22	420	280 (when total head=18m)	50 40		
PM-E-545-SV		3.7	4.18	33	500	400 (when total head=25m)	50 40		
PM-E-655-SV		3.7	4.18	24	760	600 (when total head=16m)	65 50		

Performance Curve



- ① PM-P-400-PV ② PM-P-401-PV
③ PM-P-402-PV ④ PM-P-403-PV



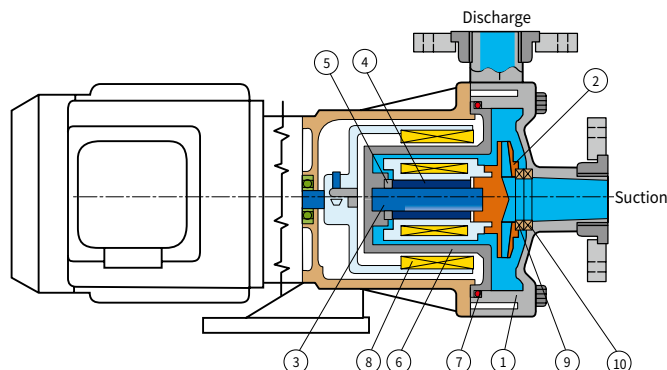
- ① PM-E-250-SV ② PM-E-400-SV ③ PM-E-251-SV ④ PM-E-401-SV
⑤ PM-E-252-SV ⑥ PM-E-402-SV ⑦ PM-E-403-SV ⑧ PM-E-545-SV
⑨ PM-E-655-SV

Chemical Pump

PM Series

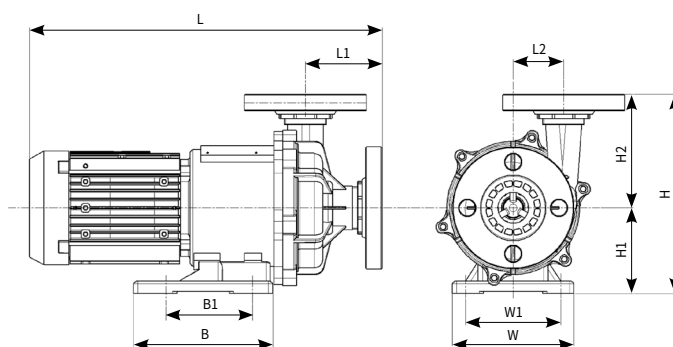
Medium Magnetic Pump

Sectional View



No.	Part Name	PM-P-400-PV PM-P-401-PV PM-P-402-PV PM-P-403-PV	PM-E Series
1	Casing	Polypropylene (GFR P.P)	Teflon (CFRETFE)
2	Impeller	Polypropylene (GFR P.P)	Teflon (CFRETFE)
3	Shaft	Ceramic (Al2O3)	Ceramic (SiC)
4	Magnet Capsule	Teflon (PTFE)	Ceramic (SiC)
5	Ring Washer	CFRPPS	CFRETFE
6	Back Casing	Polypropylene (GFR P.P)	Teflon (CFRETFE)
7	O-ring	Viton	Viton
8	Magnet Body	FERRITE or NdFeB	FERRITE or NdFeB
9	Mouth Ring	Teflon (PTFE)	Ceramic (SiC)
10	Thrust Bearing	Ceramic (Al2O3)	Ceramic (SiC)

External Dimensions



Model	Dimensions (mm)										Weight (kg)
	H	H1	H2	L	L1	L2	B	B1	W	W1	
PM-P-400-PV	228	98	130	405.2	88	58.1	160	99	140	110	15
PM-P-401-PV	261	117	144	490	103.5	72.2	190	131	130	125	20
PM-P-402-PV	283	121	162	523.5	89	85	260	203	260	212	40
PM-P-403-PV	283	121	162	523.5	89	85	260	203	260	212	43
PM-E-250-SV	257	114	143	477	90	65	207	132	190	146	12
PM-E-400-SV	228	96	132	485	85	54	199	130	155	132	11
PM-E-251-SV	255	115	140	460	90	65	214	130	191	127	18
PM-E-401-SV	259	114	145	487	102.5	73	215	131	191	127	18
PM-E-252-SV	284	120.5	163.5	527	95.5	79	266	200	261	208	23
PM-E-402-SV	286	120.5	165.5	539	90.5	80	266	200	261	208	24
PM-E-403-SV	286	120.5	165.5	539	90.5	80	266	200	261	208	25
PM-E-545-SV	324	160	164	604	98	82	360	295	251	217	39
PM-E-655-SV	336	160	176	607	89	80	360	295	252	218	39

Chemical Pump

PR series

Single-Head Dosing Pump



Applications

- Precise chemical dosing in water treatment plants
- Rust inhibitor dosing
- Laboratory use
- Container cleaning agent dosing
- Chlorine and sterilizer dosing for swimming pools
- Chemical dosing in plating, chemical, and textile factories
- Sterilizer and food additive dosing in food processing
- Precise dosing of process chemicals across all other industries

Model	Max. Discharge Volume (cc/min)	Max. Discharge Pressure (kgf/cm ²)	Strokes (spm)	Connection Size		Motor Specifications	Product Weight (kg)		
				Hose	Flange				
PRS003	36	3	49	Ø6	KS 10K 15A FF	3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	6.8		
			1Ø, AC 220V, 4P, 40W, Class E						
PRS007	70		98			3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	6.8		
						1Ø, AC 220V, 4P, 40W, Class E			
PRS010	150					3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	7.3		
						1Ø, AC 220V, 4P, 40W, Class E			
PRS030	350					3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	7.9		
						1Ø, AC 220V, 4P, 40W, Class E			
PRS050	600					3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	7.9		
						1Ø, AC 220V, 4P, 40W, Class E			
PRS100	1,000		Ø10			3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	8.6		
						1Ø, AC 220V, 4P, 40W, Class E			
PRS200	2,000					3Ø, AC 220V, 380V, 440V, 4P, 40W, Class E	9.1		
						1Ø, AC 220V, 4P, 40W, Class E			
PRJ010	100		111	Ø6	KS 10K 20A FF	AC 220/380V, 440V, 0.2kW, 3Ø, Class F	27.5		
PRJ030	300						28		
PRJ050	500						28		
PRJ100	1,000						28.5		
PRJ200	2,000						29		
PRJ300	3,000			29					
PRJ400	4,000			Ø16		KS 10K 20A FF	AC 220/380V, 440V, 0.4kW, 3Ø, Class F	30	
PRJ500	5,000							30.5	
PRJ600	6,000							33	
PRJ800	8,000							34	
PRJ10K	10,000			114	Ø19	KS 10K 25A FF	AC 220/380V, 440V, 0.75kW, 3Ø, Class F	46	
PRL10K					Ø25			73	
PRL20K	20,000	Ø32	KS 10K 40A FF		AC 220/380V, 440V, 1.5kW, 3Ø, Class F	89			
PRL30K	30,000					89			
PRL40K	40,000	Ø38	KS 10K 50A FF			99			
PRL50K	50,000					99			

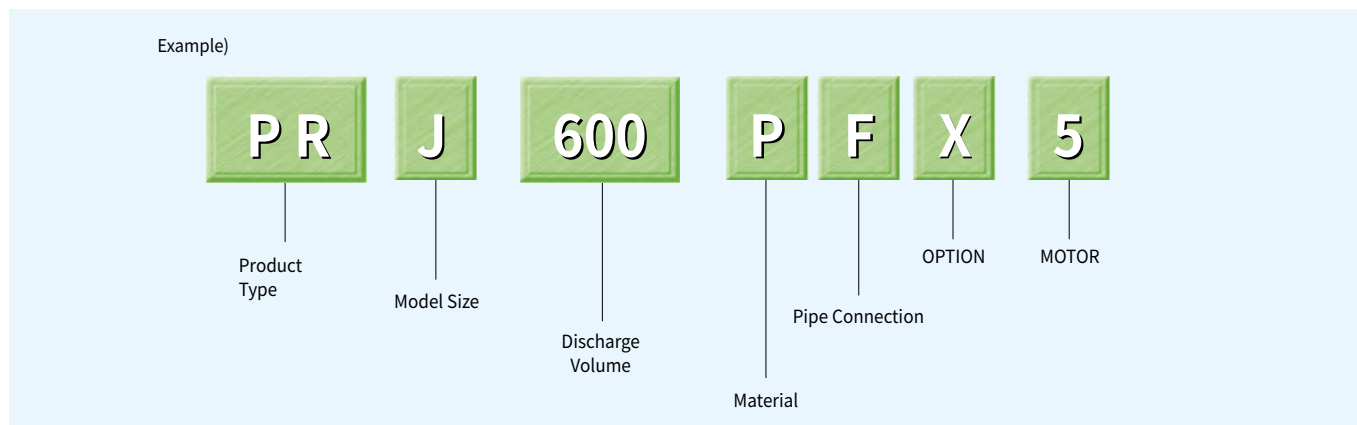
※ Product weights listed above are based on PVC construction.

※ 1ℓ=1,000cc, 1cc=1mℓ=0.001ℓ

Chemical Pump

Model Code System

1. Dosing pump model codes follow the format shown below:



2. Code definitions

① Product type :

Abbreviation for RECIPROCATING PUMP; denotes a reciprocating-action pump.

② Model size :

S (Small) / J (Medium) / L (Large)

③ Discharge volume :

- Below 10,000 cc/min: drop the last digit and use the thousands, hundreds, and tens figures as the code (code × 10 = nominal discharge volume)
- Above 10,000 cc/min: drop the last three digits and append "K" at the third position to express the value in thousands

④ Material :

indicates the material of the pump head, representative of all fluid-contact components forming the flow path from suction to discharge

P=PP K=PVDf(KYNAL) S=STS304 6=STS316 T=TEFLON

⑤ Pipe connection type :

Indicates the piping connection at the suction and discharge ports

F=FLANGE U=UNION H=HOSE E=SPECIAL SPECIFICATION P=PVC FLANGE (TEFLON TYPE)

⑥ Option :

Optional features are indicated as follows

D=With drain valve X=Without drain valve

⑦ Motor type :

CODE	Applicable Motor	CODE	Applicable Motor
1	1Ø, 220V, Indoor	A	1Ø, 220V, eG3
2	1Ø, 220V, Outdoor	B	1Ø, 220V, d2G4
3	3Ø, 220V, Indoor	C	3Ø, 220V, eG3
4	3Ø, 220V, Outdoor	D	3Ø, 220V, d2G4
5	3Ø, 220/ 380V, Indoor	E	3Ø, 220/380V, eG3
6	3Ø, 220/ 380V, Outdoor	F	3Ø, 220/380V, d2G4
7	3Ø, 440V, Indoor	H	3Ø, 440V, eG3
8	3Ø, 440V, Outdoor	K	3Ø, 440V, d2G4
9	3Ø, 380V, Indoor	M	3Ø, 380V, eG3
0	3Ø, 380V, Outdoor	N	3Ø, 380V, d2G4

* For terminal box only / cast-iron type, the motor code is assigned based on the outdoor standard.

Wilo Pump Specifications (Household Products)

Category	Model	Power	Output W (HP)	Total Head							Suction Lift			Delivery Head							Flow Rate (ℓ/min)		Connection Size mm(inch)		Weight (Kg)	Note
				10	20	30	40	50	60	70	30	20	10	10	20	30	40	50	60	70	Max.	Name Display	Suction	Discharge		
Water Supply Applications	Auto	HiMulti 5-45 iPQ	Single-phase 220V	750(1)									8								105	105(0.5m)	32(1 1/4)		18	Inverter booster pump
		PB-S138MA	Single-phase 220V	135(1/6)																	45	45(0.5m)	15(1/2) or 20(3/4)		3.2	Downfeed Domestic Booster Pump
		PB-S250MA	Single-phase 220V	250(1/3)																	55	55(0.5m)	20(3/4)		4.7	
		PB-S300MA	Single-phase 220V	350(1/2)																	75	70(0.5m)	25(1)		7	
		PW-S350SMA	Single-phase 220V	350(1/2)								8									30	26(12m)	25(1)		8.5	
		PW-S600SMA	Single-phase 220V	600(4/5)								7									40	45(12m)	32(1 1/4)		10	Automatic flow sensor type
		PW-P350SMA	Single-phase 220V	350(1/2)								8									30	26(12m)	25(1)		8.5	
		PW-P600SMA	Single-phase 220V	600(4/5)								7.5									38	32(12m)	32(1 1/4)		10	
		PBI-(L)203MA/P	Single-phase 220V	750(1)																	100	100(0.5m)	25(1)		(16)23	
		PBI-(L)205MA/P	Single-phase 220V	1,500(2)(1,100(1 1/2))																	100	100(0.5m)	25(1)		17	Inverter-integrated pump
		PBI-(L)402MA/P	Single-phase 220V	750(1)																	166	166(0.5m)	32(1 1/4)	25(1)	(14)22	
		PBI-(L)403MA/P	Single-phase 220V	1,100(1 1/2)																	166	166(0.5m)	32(1 1/4)	25(1)	(18)24	
		PBI-(L)404MA/P	Single-phase 220V	1,500(2)(1,800(2 1/2))																	166	166(0.5m)	32(1 1/4)	25(1)	(18)26	
		PBI-(L)405MA/P	Single-phase 220V	1,800(2 1/2)																	166	166(0.5m)	32(1 1/4)	25(1)	(19)27	
		PBI-406UA/P	Three-phase 380V	2,200(3)																	166	166(0.5m)	32(1 1/4)	25(1)	29	
		PBI-(L)802MA/P	Single-phase 220V	1,500(2)																	300	300(0.5m)	40(1 1/2)	32(1 1/4)	(19)27	
		PBI-(L)803MA/P	Single-phase 220V	2,000(2 2/3)																	300	300(0.5m)	40(1 1/2)	32(1 1/4)	(20)29	
		PBI-804UA/P	Three-phase 380V	2,800(3 11/15)																	290	290(0.5m)	40(1 1/2)	32(1 1/4)	31	Self-priming inverter pump
		PBI-L303MA/P	Single-phase 220V	750(1)								6									300	300(0.5m)	25(1)		14	
		PBI-L304MA/P	Single-phase 220V	1,100(1 1/2)								6									300	300(0.5m)	25(1)		16	
		PBI-L603MA/P	Single-phase 220V	1,100(1 1/2)								6									300	300(0.5m)	32(1 1/4)	25(1)	12	
		PBI-L991MA/P	Single-phase 220V	1,500(2)								5									240	240(0.5m)	40(1 1/2)	32(1 1/4)	19	Inverter-integrated pump
		PBI-LD402MA/P	Single-phase 220V	750(1)×2																	300	200(20m)	50(2)		46	
		PBI-LD403MA/P	Single-phase 220V	1,100(1 1/2)×2																	300	180(35m)	50(2)		46	
		PBI-(L)D404MA/P	Single-phase 220V	1,500(2)(1,800(2 1/2))×2																	300	200(40m)	50(2)		(48)46	
		PBI-(L)D405MA/P	Single-phase 220V	1,800(2 1/2)×2																	300	240(40m)	50(2)		(63)50	
		PBI-(L)D802MA/P	Single-phase 220V	1,500(2)×2																	500	280(20m)	65(2 1/2)		(48)60	
		PBI-(L)D803MA/P	Single-phase 220V	2,000(2 2/3)×2																	500	400(20m)	65(2 1/2)		(63)63	
		PBI-W406UA/P	Three-phase 380V	2,200(3)×2																	333	90(70m)	50(2)	50(2)	47	
		PBI-W804UA/P	Three-phase 380V	2,800(3 11/15)×2																	600	180(50m)	65(2 1/2)	65(2 1/2)	47	
		PBI-W805UA/P	Three-phase 380V	2,900×2																	900	150(45m)	65(2 1/2)	65(2 1/2)	47	
		PBI-T406UA/P	Three-phase 380V	2,200(3)×3																	500	90(70m)	65(2 1/2)	65(2 1/2)	72	
		PBI-T804UA/P	Three-phase 380V	2,800(3 11/15)×3																	900	180(50m)	80(3)	80(3)	72	
		PBI-T805UA/P	Three-phase 380V	2,900×2																	583	130(60m)	80(3)	80(3)	74	
Non-automatic		PU-S354M	Single-phase 220V	350(1/2)								8									160	70(7m)	32(1 1/4)	32(1 1/4)	10	Seawater pump
		PU-S600/604M	Single-phase 220V	600(4/5)								8									286	160(7m)	40(1 1/2)	40(1 1/2)	12	
		PU-S600U	Three-phase 380V	600(4/5)								8									286	160(7m)	40(1 1/2)	40(1 1/2)	12	
		PU-S990M/H	Single-phase 220V	990(1 1/4)								8									400	260(9m)	50(2)	50(2)	22	
		PU-S1100U/P	Three-phase 380V	1,100(1 1/2)								8									400	260(9m)	50(2)	50(2)	22	
		PU-S1700M	Single-phase 220V	1,700(2 1/3)								6									450	290(9m)	50(2)	50(2)	32	
		PU-S1800/P	Three-phase 220V/ 380V	1,800(2 1/2)								6									450	290(9m)	50(2)	50(2)	32	
		PU-S3001M	Single-phase 220V	2,200(3)								8									920	620(9m)	80(3)	80(3)	47	
		PU-S2200/P	Three-phase 220V/ 380V	2,200(3)								8									920	620(9m)	80(3)	80(3)	47	
Booster Application	Automatic	PB-S140MA	Single-phase 220V	135(1/6)																	25	25(0.5m)	15(1/2)	15(1/2)	3.6	Downfeed domestic booster pump
		PB-350MA	Single-phase 220V	350(1/2)																	65	65(0.5m)	15(1/2) or 20(3/4)		7.4	
		PB-351MA	Single-phase 220V	350(1/2)																	80	80(0.5m)	25(1)		7.3	
		PB-600MA	Single-phase 220V	600(4/5)																	85	80(0.5m)	32(1 1/4)		11.4	
		PB BOOST FIRST 15/12	Single-phase 220V	150																	45	45	15(1/2)		4.5	Upfeed domestic booster pump
		PB-410SMA	Single-phase 220V	400(1/2)								3									70	50(12m)	25(1)		9.5	
		PB-601SMA	Single-phase 220V	600(4/5)								3									80	62(12m)	32(1 1/4)		13.5	
		PW-200SMA	Single-phase 220V	200(1/4)								8									24	45(3m)	20(3/4)		11	Automatic compact pressure tank
		PW-350SMA	Single-phase 220V	350(1/2)								8									28	25(12)	25(1)		14	
		PW-350NMA	Single-phase 220V	350(1/2)								8									28	26(12m)	25(1)		19	Automatic large pressure tank
		PW-353NMA	Single-phase 220V	350(1/2)								8									28	26(12m)	25(1)		19	
		PW-600SMA	Single-phase 220V	600(4/5)								8									40	40(12m)	32(1 1/4)		18	Automatic compact pressure tank
		PW-601LMA	Single-phase 220V	600(4/5)								8									40	32(12m)	32(1 1/4)		34	
		PW-952LMA/H	Single-phase 220V	950(1 1/4)								8									80	75(12m)	40(1 1/2)		37	High-head type
		PW-2200MA	Single-phase 220V	2,200(3)								8									60	45(52m)	40(1 1/2)		52	
		PW-2200UA/P	Three-phase 380V	2,200(3)								8									60	45(52m)	40(1 1/2)		52	
				PU-S991LMA/H	Single-phase 220V	990(1 1/3)								6									160	100(23m)	40(1 1/2)	40(1 1/2)

Wilco Pump Specifications (Household Products)

Category	Model	Power	Output W (HP)	Total Head							Suction Lift			Delivery Head							Flow Rate (ℓ/min)		Connection Size mm(inch)		Weight (Kg)	Note	
				10	20	30	40	50	60	70	30	20	10	10	20	30	40	50	60	70	Max.	Name Display	Suction	Discharge			
Multi-purpose	Non - Automatic	PW-200M	Single-phase 220V	200(1/4)		21								8		13					24	19(12m)	20(3/4)		11	Self-priming booster pump	
		PW-350M	Single-phase 220V	350(1/2)		32								8		24					28	26(12m)	25(1)	25(1)	13		
		PW-351M	Single-phase 220V	350(1/2)		32								8		24					28	20(12m)	15(1/2)	15(1/2)	13		
		PW-600M	Single-phase 220V	600(4/5)		36								8		28					45	40(12m)	32(1 1/4)	32(1 1/4)	17		
		PW-952M/H	Single-phase 220V	950(1 1/4)		38								8		30					80	75(12m)	40(1 1/2)	40(1 1/2)	23	Self-priming booster pump	
		PW-2200M	Single-phase 220V	2,200(3)		63								8		55					65	50(52m)	40(1 1/2)	40(1 1/2)	34		
		PW-2200I/P	Three-phase 220V/ 380V	2,200(3)		63								8		55					110	50(52m)	40(1 1/2)	40(1 1/2)	34	Non-automatic centrifugal pump	
		PUN-350M	Single-phase 220V	350(1/2)		21										21					100	90(4m)	25(1)	25(1)	7.5		
		PUN-951M/H	Single-phase 220V	950(1 1/4)		22										22					480	350(8m)	50(2)	50(2)	22		
		PUN-990M	Single-phase 220V	990(1 1/4)		35										35					250	95(30m)	32 (1 1/4)	32 (1 1/4)	20		
		PUN-1855M	Single-phase 220V	1,850(2 1/2)		27										27					530	300(20m)	50(2)	50(2)	22	High-flow agricultural & industrial pump	
		PUN-1850M	Single-phase 220V	1,850(2 1/2)		30										30					425	270(20m)	50(2)	50(2)	22	High-flow agricultural & industrial pump	
		WJ-203M	Single-phase 220V	800(1)		42							6		36					30	25(29m)	25(1)	25(1)	15	Jet pump for water supply		
		PWN-350M	Single-phase 220V	350(1/2)		22										22					30	20(12m)	15(1/2)	15(1/2)	8	Non-self-priming Booster Pump	
		PWN-351M	Single-phase 220V	350(1/2)		32										32					26	20(12m)	15(1/2)	15(1/2)	8		
		PWN-352M	Single-phase 220V	350(1/2)		32										32					26	13(20m)	15(1/2)	15(1/2)	8		
Agricultural & Industrial pump	Non - Automatic	PF-065M	Single-phase 220V	40(1/18)		4								1		3					30	20(2m)	16 mm hose	16 mm hose	4	Handy pump	
		PU-350M	Single-phase 220V	350(1/2)		10							6		4					155	90(4m)	32(1 1/4)	32(1 1/4)	14	Agricultural & industrial pump		
		PU-602M	Single-phase 220V	600(4/5)		16							8		8					287	170(7m)	40(1 1/2)	40(1 1/2)	16.5			
		PU-602U	Three-phase 380V	600(4/5)		16							8		8					287	170(7m)	40(1 1/2)	40(1 1/2)	16.5			
		PU-651M	Single-phase 220V	600(4/5)		17							8		9					290	180(7m)	40(1 1/2)	40(1 1/2)	16.5			
		PU-E651M	Single-phase 220V	650(4/5)		16							8		9					270	180(7m)	40(1 1/2)	40(1 1/2)	17.5			
		PU-950M/H	Single-phase 220V	950(1 1/4)		22.5							8.5		14					420	288(8m)	50(2)	50(2)	27.5			
		PU-1100U/P	Three-phase 380V	1,100(1 1/2)		22.5							8.5		14					420	288(8m)	50(2)	50(2)	27.5			
		PU-951/952M/H	Single-phase 220V	950(1 1/4)		22							8.5		13.5					375	265(8m)	50(2)	50(2)	27.5			
		PU-E951M	Single-phase 220V	950(4/5)		20.5							8.5		12					350	270(7m)	50(2)	50(2)	27.5			
		PU-996M/H	Single-phase 220V	1,500(2)		33							5		28					340	150(25m)	50(2)	50(2)	30			
		PU-2200I/P	Three-phase 220V/ 380V	2,200(3)		30							8		22					480	300(9m)	50(2)	50(2)	43.5	High-pressure pump		
		PU-1700M	Single-phase 220V	1,700(2 1/3)		30							8		22					480	300(9m)	50(2)	50(2)	43.5			
		PU-2200N/P	Three-phase 440V	2,200(3)		30							8		22					480	300(9m)	50(2)	50(2)	43.5			
		PUM-2505M	Single-phase 220V	2500(3 1/3)		40							6		34					350	230(30m)	50(2)	50(2)	46			
		PUM-2505U/P	Three-phase 380V	2500(3 1/3)		40							6		34					350	240(30m)	50(2)	50(2)	45.5	3HP 3-inch pump		
PUM-2505N/P	Three-phase 440V	2500(3 1/3)		40							6		34					350	240(30m)	50(2)	50(2)	45.5					
PU-2300I/P	Three-phase 220V/ 380V	2,200(3)		22							8		14					850	620(9m)	80(3)	80(3)	47	Agricultural & industrial pump				
PU-2300M	Single-phase 220V	2,200(3)		22							8		14					850	620(9m)	80(3)	80(3)	47					
PU-3000I/P	Three-phase 220V/ 380V	3,000(4)		40							8		32					500	340(9m)	50(2)	50(2)	45					
Deep Well Pump	Automatic	PC-350NMA	Single-phase 220V	350(1/2)		22							12		10					40(12m)		32(1 1/4) /25(1)		32	For deep wells (large tank)		
		PC-350SMA		350(1/2)		22							12		10									22	For deep wells (compact tank)		
		PC-P350SMA		350(1/2)		22							12		10					24(22m)				27			
		PC-P351SMA		350(1/2)		22							12		10									22			
		PC-601NMA	Single-phase 220V	600(4/5)		23							18		11					34(23m)	32(1 1/4)	25(1)	32	For deep wells (large tank)			
		PC-600LMA		600(4/5)		29							12		11					25(29m)	32(1 1/4)	25(1)	32				
	Non-Automatic	PC-950LMA/H	Single-phase 220V	950(1 1/4)		35							12		23					50(35m)	32(1 1/4)	25(1)	32	High-rise booster pump			
				950(1 1/4)		41								18		23					35(41m)	32(1 1/4)	25(1)		32		
				950(1 1/4)		47								24		23					23(47m)	32(1 1/4)	25(1)	32			
		PC-600M	Single-phase 220V	600(4/5)		23							12		11					34(23m)	32(1 1/4)	25(1)	22	For deep wells (non-automatic)			
				600(4/5)		29								18		11					25(29m)	32(1 1/4)	25(1)		22		
				600(4/5)		35								24		11					15(35m)	32(1 1/4)	25(1)		22		
PC-950M/H	Single-phase 220V	950(1 1/4)		24							12		12					50(24m)	32(1 1/4)	25(1)	32	For deep wells (non-automatic)					
		950(1 1/4)		30								18		12									37(30m)				
		950(1 1/4)		36								24		12									25(36m)				
	950(1 1/4)		42								30		12					15(42m)									
	950(1 1/4)		47								35		12					10(47m)									

Wilo Pump Specifications (Household Products)

Category	Model	Power	Output W (HP)	Total Head							Suction Lift			Delivery Head							Flow Rate (ℓ/min)		Connection Size mm(inch)		Weight (Kg)	Note
				10	20	30	40	50	60	70	30	20	10	10	20	30	40	50	60	70	Max.	Name Display	Suction	Discharge		
Hot Water Circulation Pump	Non-Automatic	PH-Q37M	Single-phase 220V	6(1/125)	1									1							25	15(0.5m)	25(1)	25(1)	4	For hot water circulation
		PH-Q38M	Single-phase 220V	20(1/36)	3									3							34	20(1.5m)	25(1)	25(1)	5	
		PH-Q45M/K043M	Single-phase 220V	40(1/18)	4.5									4.5							60	45(3m)	25(1)	25(1)	5	
		PH-K043MU	Single-phase 220V	40(1/18)	4.5									4.5							60	45(3m)	25(1)	25(1)	5	
		PH-Q46M	Single-phase 220V	40(1/18)	4.5									4.5							60	45(3m)	32(1 1/4)	32(1 1/4)	5	
		PH-Q80M	Single-phase 220V	80(1/9)	7									7							115	75(4m)	40(1 1/2)	40(1 1/2)	6.5	
		PH-Q81M	Single-phase 220V	80(1/9)	7									7							115	75(4m)	32(1 1/4)	32(1 1/4)	6.5	
		PH-100M	Single-phase 220V	100(1/8)	7									7							115	75(4m)	40(1 1/2)	40(1 1/2)	7	
		PH-200M	Single-phase 220V	200(1/4)	7									7							160	136(4m)	40(1 1/2)	40(1 1/2)	11	
		PH-250M	Single-phase 220V	250(1/3)	7									7							216	178(4m)	50(2)	50(2)	12	
		PH-350M	Single-phase 220V	350(1/2)	8.5									8.5							300	250(4m)	50(2)	50(2)	12	
		PH-600M	Single-phase 220V	600(4/5)	11									11							320	290(4m)	65(2 1/2)	65(2 1/2)	20	
		PH-601M	Single-phase 220V	600(4/5)	11									11							320	290(4m)	80(3)	80(3)	20	
		PH-600U	Three-phase 380V	600(4/5)	11									11							320	290(4m)	65(2 1/2)	65(2 1/2)	20	
		PH-950M/H	Single-phase 220V	950(1 1/4)	19									19							290	260(4m)	50(2)	50(2)	21	
		PH-950U/P	Three-phase 380V	950(1 1/4)	19									19							290	260(4m)	50(2)	50(2)	21	
		RS 25/6(F)	Single-phase 220V	40(1/18)	6									6							50	25(4m)	25(1)	25(1)	2.4	
	PUF-950M	Single-phase 220V	950(1 1/4)	22									22							290	290(0.5m)	40(1 1/2)	40(1 1/2)	30	Filter pump	
	PUF-1800U/P	Three-phase 220V/ 380V	1,800(2 1/2)	28									28							350	350(0.5m)	40(1 1/2)	40(1 1/2)	38		
	PUF-1700M	Single-phase 220V	1,700(2 1/3)	28									28							350	350(0.5m)	40(1 1/2)	40(1 1/2)	38		
Sewage & Wastewater Drainage Pump	Non-Automatic (Automatic)	PD-G050M(A)	Single-phase 220V	80(1/10)	5								5							70	50(1m)	-	20,25(1)	4.5	Volute type	
		PD-272M(A)	Single-phase 220V	300(2/5)	9								9							140	140(3m)	-	20,32(1 1/4)	6		
		TS32/10(A,LA)	Single-phase 220V	350(2/5)	10								10							175	175(1m)	-	32(1 1/4)	6.3		
		TS40/13(A,LA)	Single-phase 220V	600(4/5)	13								13							220	150(5m)	-	40(1 1/2)	8.5		
		PD-L401M(A,LA)	Single-phase 220V	400(1/2)	11								11							250	150(7m)	-	50(2)	19		
		PD-401M(A,LA)/H	Single-phase 220V	400(1/2)	11								11							250	150(7m)	-	50(2)	19		
		PD-405M(A)/H	Single-phase 220V	400(1/2)	11								11							250	160(7m)	-	40(1 1/2)	19		
		PD-A601M(A,LA)	Single-phase 220V	600(4/5)	14								14							310	200(7m)	-	50(2)	9		
		PD-S601M(A)	Single-phase 220V	600(4/5)	14								14							310	200(7m)	-	50(2)	9		
		PD-L901M(A), 951M(A)/H	Single-phase 220V	950(1 1/4)	14								14							350	250(7m)	-	50(2)	25		
		PD-H953M(A)	Single-phase 220V	950(1 1/4)	28								28							230	120(20m)	-	50(2)	22	Vortex type	
		PD-A951M	Single-phase 220V	950(1 1/4)	18								18							390	300(7m)	-	50(2)	9		
		PD-A951MA	Single-phase 220V	950(1 1/4)	18								18							390	230(11m)	-	50(2)	9		
		PD-S951M(A)	Single-phase 220V	950(1 1/4)	18								18							390	300(7m)	-	50(2)	9.5		
		PDV-300M(A, LA)	Single-phase 220V	300(2/5)	9								9							200	145(3m)	-	32(1 1/4)	13		
		PDV-L400M(A,LA)	Single-phase 220V	400(1/2)	9								9							250	130(6m)	-	50(2)	18		
		PDV-400M(A,LA)/H	Single-phase 220V	400(1/2)	9								9							250	130(6m)	-	50(2)	18		
		PDV-A600M(A, LA)	Single-phase 220V	600(4/5)	11								11							290	180(6m)	-	50(2)	9		
		PDV-L900M(A)	Single-phase 220V	950(1 1/4)	12								12							350	250(6m)	-	50(2)	21		
		PDV-950M(A)/H	Single-phase 220V	950(1 1/4)	12								12							350	250(6m)	-	50(2)	21		
		PDV-A950M(A)	Single-phase 220V	950(1 1/4)	16								16							360	300(6m)	-	50(2)	9.5	Volute type	
		PD-1505M(A)	Single-phase 220V	1,500(2)	21								21							550	350(10m)	-	80(3)	30.5		
		PD-1515M(A)	Single-phase 220V	1,500(2)	21								21							500	300(14m)	-	50(2)	30.5		
		PD-1505I	Three-phase 380V	1,500(2)	23								21							400	250(17m)	-	50(2)	30	Vortex type	
		PDV-952I	Three-phase 380V	950(1 1/4)	12								12							350	250(6m)	-	50(2)	18		
		PDN-1405M/H	Single-phase 220V	950(1 1/4)	16								16							400	300(7m)	-	50(2)	25	Non-Clog type	
		PDN-1405MA/H	Single-phase 220V	950(1 1/4)	16								16							400	270(8m)	-	50(2)	26		
		PDN- 1405I	Three-phase 380V	950(1 1/4)	16								16							400	300(7m)	-	50(2)	25		
		DLV-300M(A)	Single-phase 220V	300(2/5)	9								9							200	145(3m)	-	32(1 1/4)	18.5	Drainlift	
		PD-200M(A, LA)	Single-phase 220V	200(1/4)	9								9							140	130(1m)	-	20, 25, 32(1)	5.5	Volute type	
		PD-350M(A, LA)	Single-phase 220V	350(1/2)	11								11							190	180(1m)	-	25,32(1)	5.5		
		PD-550M(A, LA)	Single-phase 220V	700(1)	14								14							250	145(7m)	-	50(2)	7.5/8		
		PD-760M(A, LA)	Single-phase 220V	1,100(1 1/2)	18								18							300	200(7m)	-	50(2)	8.0/8.5		

Residential Pump Model Name Changes

PW - Shallow Well				
Output	Change Date	Previous Model	New Model	Reason for Change
~200W	2004	PW-K130MA	PW-200SMA	- Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act - Model name revised to reflect actual output (recommended)
	2004	PW-K132M	PW-200M	
	2007	PWS-K125MA	PWS-200SMA	
~350W	2004	PW-K252MA	PW-350SMA	
	2004	PW-255MA	PW-350NMA	
	2003	PW-256MA	PW-353NMA	
	2004	PW-K261M	PW-350M	
	2007	PWS-K250MA	PWS-350SMA	
	2004	PWN-262M	PWN-350M	
	2004	PWN-263M	PWN-351M	
	2004	PW-265M	PW-352M	
	2004	PW-K265M	PW-351M	
	2004	PW-S254SMA	PW-S354SMA (Discontinued)	
	2021	-	PW-S350SMA	
	2022	-	PW-P350SMA	
~600W	2003	PW-405M	PW-600M	- Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act - Model name revised to reflect actual output (recommended)
	2003	PW-406MA	PW-600SMA	
	2003	PW-409MA	PW-601LMA	
	2019	-	PW-S600SMA	"S" added to denote corrosion-resistant material
	2023	-	PW-P600SMA	"P" added to designate Premium product with corrosion-resistant material, pressure switch, and flow switch
~950W	2001	PW-801M	PW-952M	- Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act - Model name revised to reflect actual output (recommended)
	2001	PW-804MA	PW-952LMA	
	2021	PW-952M	PW-952M/H	"/H" added to products fitted with IEC-standard motor cores
	2021	PW-952LMA	PW-952LMA/H	
~2200W	2003	PW-1604M	PW-2200M	- Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act - Model name revised to reflect actual output (recommended)
	2018	PW-2200I	PW-2200I/P	
	2003	PW-1602MA	PW-2200MA	- Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act - Model name revised to reflect actual output (recommended)
	2018	PW-2200UA	PW-2200UA/P	

PB/PE - Booster Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
135W	2007	PB-136MA	PB-138MA (Discontinued)	Serial number revised following flow switch type change (6→8)
	2016	-	PB-S140MA	New PB developed with corrosion-resistant material (S) and Wesco-type impeller
	2021	-	PB-S138MA	New development: corrosion-resistant material (S) + 135W class
250W	2008	-	PB-S250MA	New development: corrosion-resistant material (S) + 250W class
~350W	2004	PB-260MA	PB-350MA	Model name revised to reflect actual output in accordance with Electrical Appliance Safety Certification guidelines
	2005	-	PB-351MA	Serial number revised (0→1) following development of model with revised suction/discharge port size based on PB-350MA
	2016	PE-400MA	PE-410MA	Model name differentiated (400MA→410MA) following material change (PK) and impeller gap improvement (400MA → 410MA)
	2021	-	PB-S300MA	New development: corrosion-resistant material (S) + 350W class
~600W	2007	-	PB-410SMA	New 400W class upfeed PB developed
	2004	-	PB-600MA	New 600W class downfeed PB developed
	2006	-	PB-601SMA	New 600W class upfeed PB developed

Residential Pump Model Name Changes

PU - Agricultural & Industrial Pumps (1/3)				
Output	Change Date	Previous Model	New Model	Reason for Change
~350W	2004	PU-250M	PU-350M	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output (recommended)
	2023	-	PU-S350M	· New development: corrosion-resistant material (S) + 350W class
	2004	-	PUN-350M	· New 350W class non-self-priming model developed
~600W	2002	PU-K500M	PU-602M	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output (recommended)
	2012	-	PU-602U	
	2006	-	PU-651M	
	2024	-	PU-E651M	· New economy model (E) + 650W class developed
	2002	PU-S500M	PU-S600M	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output (recommended)
	2012	-	PU-S600U	
	2007	-	PU-S604M	· New development with revised Impeller material (brass → STS)
~950W	2007	PU-S990M	PU-S990M/H	· "/H" added to products fitted with IEC-standard motor cores
	2018	PU-S990U	PU-S1100U/P	· "/P" added to products with IE3 Premium Efficiency motors; actual output now stated on nameplate in response to third-party certification body and inspection authority requirements
	2021	PU-S991LMA	PU-S991LMA/H	· "/H" added to products fitted with IEC-standard motor cores
	2021	PU-950M	PU-950M/H	
	2021	PU-951M	PU-951M/H	
	2021	PU-952M	PU-952M/H	
	2024	-	PU-E951M	· New economy model (E) + 950W class developed
	2005	-	PUF-950M	
990W	2005	PUN-951M	PUN-951M/H	· "/H" added to products fitted with IEC-standard motor cores
	2011	-	PUN-990M	
1100W	2018	PU-950U	PU-1100U/P	· "/P" added to products with IE3 Premium Efficiency motors; actual output now stated on nameplate in response to third-party certification body and inspection authority requirements
1500W	2021	PU-996M	PU-996M/H	· "/H" added to products fitted with IEC-standard motor cores
950W	2018	PU-S990U	PU-S1100U/P	· "/P" added to designate premium product with three-phase IE3 efficiency · Model name revised to reflect actual output
	2012	-	PU-S991LMA	· "/H" added to products with IEC motors (high eff. Motor)
	2002	PU-756M	PU-950M	
	2003	PU-761M	PU-951M	
	2003	PU-762M	PU-952M	
	2005	-	PUF-950M	
	2005	-	PUN-951M	· "/H" added to products with IEC motors (high eff. Motor)
	2018	PUI-S991MA	PBI-L991MA/P	· "/P" added to designate premium product with three-phase IE3 efficiency
990W	2011	-	PUN-990M	

PU - Agricultural & Industrial Pumps (2/3)				
Output	Change Date	Previous Model	New Model	Reason for Change
1100W	2018	PU-950U	PU-1100U/P	· "/P" added to designate premium product with three-phase IE3 efficiency · Model name revised to reflect actual output
1500W	2019	PU-994M	PU-996M	· Impeller material changed (plastic → STS)
1700W	2003	PU-1504M	PU-1700M	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output
	2007	-	PU-1701M	
	2013	-	PU-S1700M	
	2007	-	PUM-1703M	
	2005	-	PUF-1700M	
1800W	2018	PU-S1700I	PU-S1800I/P	· "/P" added to designate premium product with three-phase IE3 efficiency · Model name revised to reflect actual output
	2018	PUM-1703I	PUM-1803I/P	
	2018	PUF-1700I	PUF-1800I/P	
1850W	2016	-	PUN-1850M	
	2018	PUN-1851M	PUN-1855M	· Impeller material changed (plastic → brass)

Residential Pump Model Name Changes

PU - Agricultural & Industrial Pumps (3/3)				
Output	Change Date	Previous Model	New Model	Reason for Change
2200W	2018	PU-1700I	PU-2200I/P	· "/P" added to designate premium product with three-phase IE3 efficiency · Model name revised to reflect actual output
	2018	PU-1701I	PU-2201I/P	
	2018	PU-1700N	PU-2200N/P	
	2015	-	PU-S3001M	· "/P" added to designate premium product with three-phase IE3 efficiency
	2018	PU-S3001I	PU-S2200I/P	· "/P" added to designate premium product with three-phase IE3 efficiency · Model name revised to reflect actual output
	2004	-	PU-2300M	
	2018	PU-2300I	PU-2300I/P	· "/P" added to designate premium product with three-phase IE3 efficiency
2500W	2024	-	PUM-2505M	· High-head model upgraded and newly developed
	2024	-	PUM-2505U/P	· High-head model upgraded and newly developed
	2024	-	PUM-2505N/P	· High-head model upgraded and newly developed
2900W	2018	PU-3000I	PU-3000I/P	· "/P" added to designate premium product with three-phase IE3 efficiency

PC - Deep Well Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
~350W	2004	PC-256M	PC-350NMA	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output
	2004	PC-257M	PC-350SMA	
	2004	PC-259NMA	PC-351NMA	· SHI compatible models, discontinued
~600W	2003	PC-400M	PC-600M	· Aluminum heat-fin structure updated in line with transition from Electrical Appliance Act to Safety Certification Management Act · Model name revised to reflect actual output (recommended)
	2003	PC-401NMA	PC-601NMA	
	2003	PC-403LMA	PC-600LMA	
~950W	2021	PC-950M	PC-950M/H	· "/H" added to products with IEC motors (high eff. Motor)
	2021	PC-950LMA	PC-950LMA/H	
Jet (JET)	2000	-	PSJ-50P	
	2000	-	PJ40-18	· Discontinued, covered by PJ40-30
	2000	-	PJ40-30	
	2000	-	PJ25-12	

Residential Pump Model Name Changes

PH - Hot Water Circulation Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
6W	2003	PH-036D	PH-037M	· Discontinued following development of PH-038M with 2-pole motor
20W	2020	-	PH-038M	· PH-037M fitted with 2-pole motor; serial number revised (7→8) to differentiate model
40W	2009	PH-K043D	PH-K043M	· Power supply designation code revised (D→M)
	2003	PH-043M	PH-045M	
	2003	PH-044M	PH-046M	
	2009	RS20/7	RS20/6	· Group model revised (20: port size, 6: shut-off head)
	2009	-	RS25/6	· New 25 mm port size model introduced
	2016	RS25/6F	RS25/6F	· New model with flange-type pump housing introduced ("F" added to model name)
80W	2001	-	PH-080M	· New 80W class PH model developed
80W	2016	-	PH-100M	
~200W	2000	-	PH-K101M	
	2004	-	PH-200M	· New 200W class PH model developed
~250W	2004	PH-K202M	PH-250M	
350W	2004	-	PH-350M	· New 350W class PH model developed
~600W	2003	PH-K431M	PH-600M	· Model name revised to reflect actual output in accordance with Electrical Appliance Safety Certification guidelines
	2003	PH-K432M	PH-601M	
	2008	PH-431i	PH-600i	· Model name revised to reflect actual output in accordance with Electrical Appliance Safety Certification guidelines; 600i discontinued
	2016	-	PH-600U	· New PH-600 class 380V model developed
950W	2003	-	PH-950M	· "/H" added to products with IEC motors (high eff. Motor)
	2019	PH-950U	PH-950U/P	· "/P" added to products with IE3 Premium Efficiency motors; actual output now stated on nameplate in response to third-party certification body and inspection authority requirements
40W	2003	PF-064M	PF-065M	

AP - Aquarium Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
120W	2010		AP-120M	· Aquarium pump developed

WP - Whirlpool Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
Whirlpool	2005		WP-751M	· Whirlpool (WP) bath pump developed

Residential Pump Model Name Changes

PD - Drainage Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
50W	2003	-	PD-G050M	
	2004	-	PD-G050MA	
125W	2000	-	PD-125M	
	2000	-	PD-125MA	
200W	2011	-	PD-200M	
	2011	-	PD-200MA	
	2012	-	PD-200MLA	
250W	2000	-	PD-272M	
	2000	-	PD-272MA	
300W	2007	-	TS32/10	
	2007	-	TS32/10A	
	2014	-	TS32/10LA	
	2011	-	PD-350M	
	2011	-	PD-350MA	
	2012	-	PD-350MLA	
	2018	PDV-270M	PDV-300M	· Motor core size updated from Φ117 to Φ106.5 · Model name revised to reflect actual output
	2018	PDV-270MA	PDV-300MA	
	2018	PDV-270MLA	PDV-300MLA	
400W	2000	PD-401M	PD-401M/H	· Motor core size updated from Φ139 to Φ120
	2000	PD-401MA	PD-401MA/H	
	2014	PD-401MLA	PD-401MLA/H	
	2018	PD-405MA	PD-405MA/H	
	2000	PDV-400M	PDV-400M/H	
	2000	PDV-400MA	PDV-400MA/H	· Motor core size updated to Φ120; "L" added to designate economy model
	2014	PDV-400MLA	PDV-400MLA/H	
	2017	PD-L401M	PD-L401M	
	2017	PD-L401MA	PD-L401MA	
	2024	-	PD-L401MLA	
	2017	PDV-L400M	PDV-L400M	
	2017	PDV-L400MA	PDV-L400MA	
	2024	-	PDV-L400MLA	

Residential Pump Model Name Changes

PD - Drainage Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
600W	2000	PD-A401M	PD-A601M	· Motor core size updated from $\Phi 139$ to $\Phi 106.5$ · Model name revised to reflect actual output
	2000	PD-A401MA	PD-A601MA	
	2014	PD-A401MLA	PD-A601MLA	
	2000	PDV-A400M	PDV-A600M	
	2000	PDV-A400MA	PDV-A600MA	
	2014	PDV-A400MLA	PDV-A600MLA	
	2002	PD-S401M	PD-S601M	
	2008	-	TS40/13	
	2008	-	TS40/13A	
	2014	-	TS40/13LA	
900W	2000	PDV-750M	PDV-950M/H	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output
	2000	PDV-750MA	PDV-950MA/H	
	2000	PD-751M	PD-951M/H	
	2000	PD-751MA	PD-951MA/H	
	2000	PDV-753M	PDV-950M/2	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output · Bronze impeller option material "/2" added
	2000	PDV-754M	PDV-950M/4	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output · Stainless impeller option material "/4" added
	2018	PDV-752I	PDV-952I	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output
	2018	PDV-753I	PDV-952I/2	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output · Bronze impeller option material "/2" added
	2019	PDV-754I	PDV-952I/4	· Motor core size updated from $\Phi 139$ to $\Phi 120$ · Model name revised to reflect actual output · Stainless impeller option material "/4" added
	2000	PDV-A750M	PDV-A950M	· Motor core size updated from $\Phi 139$ to $\Phi 106.5$ · Model name revised to reflect actual output
	2000	PDV-A750MA	PDV-A950MA	
	2000	PD-A751M	PD-A951M	
	2000	PD-A751MA	PD-A951MA	
	2002	PD-S751M	PD-S951M	
	2004	PD-S751MA	PD-S951MA	

Residential Pump Model Name Changes

PD - Drainage Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
900W	2020	PD-H751M	PD-H951M (Discontinued)	- Motor core size updated from Φ139 to Φ120 - Model name revised to reflect actual output
	2020	PD-H751MA	PD-H951MA (Discontinued)	
	2020	PD-H753M	PD-H953M	
	2020	PD-H753MA	PD-H953MA	
	2021		PD-H951I (Discontinued)	- Motor core size updated to Φ120 - Model name revised to reflect actual output
	2021		PD-H953I	
	2000	PDN-1400M	PDN-1405M/H	Motor core size updated from Φ139 to Φ120
	2004	PDN-1400MA	PDN-1405MA/H	
	2000	PDN-1404M	PDN-1405M/H/4	- Motor core size updated from Φ139 to Φ120 - Stainless impeller option material "4" added
	2004	PDN-1404MA	PDN-1405MA/H/4	
	2018	PDN-1400I	PDN-1405I	- Motor core size updated from Φ139 to Φ120 - Model name revised to reflect actual output
	2018	PDN-1403I	PDN-1405I/2	
	2018	PDN-1404I	PDN-1405I/4	- Motor core size updated from Φ139 to Φ120 - Model name revised to reflect actual output - Stainless impeller option material "/4" added
	2017	-	PD-L901M	Motor core size updated to Φ120; "L" added to designate economy model
	2017	-	PD-L901MA	
	2017	-	PDV-L900M	
	2017	-	PDV-L900MA	
1500W	2018	PD-1500M	PD-1505M	Motor core size updated from Φ159 to Φ139
	2018	PD-1500MA	PD-1505MA	
	2018	PD-1500I	PD-1505I	Motor core size updated from Φ159 to Φ139; high-efficiency model developed
	2018	-	PD-1515MA	

DLV - Compact Drainage Pump System				
Output	Change Date	Previous Model	New Model	Reason for Change
300W	2018	DLV-270MA	DLV-300MA	- Model name revised to reflect actual output - IEC motor applied

Residential Pump Model Name Changes

PBI - Premium Pumps (1/2)				
Output	Change Date	Previous Model	New Model	Reason for Change
750W	2018	PBI-203MA	PBI-203MA/P	· "/P" added to products fitted with IE3 Premium Efficiency motors
1500W	2018	PBI-205MA	PBI-205MA/P	
750W	2018	PBI-402MA	PBI-402MA/P	
1100W	2018	PBI-403MA	PBI-403MA/P	
1500W	2018	PBI-404MA	PBI-404MA/P	
1800W	2018	PBI-405MA	PBI-405MA/P	
1500W	2018	PBI-802MA	PBI-802MA/P	
2000W	2018	PBI-803MA	PBI-803MA/P	
1500W*2	2018	PBI-D404MA	PBI-D404MA/P	
1800W*2	2018	PBI-D405MA	PBI-D405MA/P	
1500W*2	2018	PBI-D802MA	PBI-D802MA/P	
2000W*2	2018	PBI-D803MA	PBI-D803MA/P	
2200W*2	2018	PBI-W406UA	PBI-W406UA/P	
2800W*2	2018	PBI-W804UA	PBI-W804UA/P	
2900W*2	2018	PBI-W805UA	PBI-W805UA/P	
2200W*3	2018	PBI-T406UA	PBI-T406UA/P	
2800W*3	2018	PBI-T804UA	PBI-T804UA/P	
2900W*3	2018	PBI-T805UA	PBI-T805UA/P	

Residential Pump Model Name Changes

PBI - Premium Pumps (2/2)				
Output	Change Date	Previous Model	New Model	Reason for Change
750W	2018	PBI-L203MA	PBI-L203MA/P	· "/P" added to products fitted with IE3 Premium Efficiency motors
1100W	2018	PBI-L205MA	PBI-L205MA/P	
750W	2018	PBI-L303MA	PBI-L303MA/P	
1100W	2018	PBI-L304MA	PBI-L304MA/P	
750W	2018	PBI-L402MA	PBI-L402MA/P	
1100W	2018	PBI-L403MA	PBI-L403MA/P	
1800W	2018	PBI-L404MA	PBI-L404MA/P	
1800W	2018	PBI-L405MA	PBI-L405MA/P	
1100W	2018	PBI-L603MA	PBI-L603MA/P	
1500W	2018	PBI-L802MA	PBI-L802MA/P	
2000W	2018	PBI-L803MA	PBI-L803MA/P	
1500W	2018	PBI-L991MA	PBI-L991MA/P	
750W*2	2018	PBI-LD402MA	PBI-LD402MA/P	
1100W*2	2018	PBI-LD403MA	PBI-LD403MA/P	
1800W*2	2018	PBI-LD404MA	PBI-LD404MA/P	
1800W*2	2018	PBI-LD405MA	PBI-LD405MA/P	
1500W*2	2018	PBI-LD802MA	PBI-LD802MA/P	
2000W*2	2018	PBI-LD803MA	PBI-LD803MA/P	

MHI - Horizontal Multistage Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
550W	2004	-	MHI 202M(I)	· 2m ³ /hr 2-stage model developed
750W	2018	MHI 203M(I)	MHI 203M(I/P)	· "/P" added to products fitted with IE3 Premium Efficiency motors
1100W	2018	MHI 204M(I)	MHI 204M(I/P)	
	2018	MHI 205M(I)	MHI 205M(I/P)	
1500W	2018	MHI 206M(I)	MHI 206M(I/P)	
750W	2018	MHI 402M(I)	MHI 402M(I/P)	
1100W	2018	MHI 403M(I)	MHI 403M(I/P)	
1500W	2018	MHI 404M(I)	MHI 404M(I/P)	
1800W	2018	MHI 405I	MHI 405I/P	
2200W	2018	MHI 406I	MHI 406I/P	
1500W	2018	MHI 802M(I)	MHI 802M(I/P)	
2000W	2018	MHI 803I	MHI 803I/P	
2800W	2018	MHI 804I	MHI 804I/P	
2900W	2018	MHI 805I	MHI 805I/P	
2500W	2018	MHI 1602I	MHI 1602I/P	

Residential Pump Model Name Changes

PM - Magnetic Pumps (1/2)				
Output	Change Date	Previous Model	New Model	Reason for Change
15W	2000	-	PM-015NM	
30W	2000	-	PM-030PM	
50W	2001	-	PM-051NM	
	2002	-	PM-052PM	
150W	2003	-	PM-150PM	
250W	2004	PM-250PM	PM-250PMS	· Model names reassigned to indicate hose/screw type
	2004	PM-251PM	PM-250PMH	
	2004	PM-250PI	PM-250PIS	
	2004	PM-251PI	PM-250PIH	
300W	2015	PM-300PM	PM-300PMS	
	2016	-	PM-300PMH	
	2016	-	PM-300PIS	
	2016	-	PM-300PIH	
400W	2008	PM-401PI	PM-403PI	
550W	2015	-	PM-555PI	
750W	2008	PM-751PI	PM-753PI	
	2018	PM-750SI	PM-750SI/P	· “/P” added to designate premium product with three-phase IE3 efficiency
	2018	PM-755PI	PM-755PI/P	· “/P” added to designate premium product with three-phase IE3 efficiency
1500W	2008	-	PM-1503PI/FI	
	2018	PM-1505PI	PM-1505PI/P	· “/P” added to designate premium product with three-phase IE3 efficiency
	2018	PM-15KSI	PM-15KSI/P	
	2019	-	PM-15KSI/L	
2200W	2008	-	PM-2203PI/FI	
	2018	PM-2205PI	PM-2205PI/P	· “/P” added to designate premium product with three-phase IE3 efficiency
	2018	PM-22KSI	PM-22KSI/P	
2800W	2018	-	PM-30KSI	
3700W	2008	-	PM-3703PI/FI	

Residential Pump Model Name Changes

PR - Dosing Pumps				
Output	Change Date	Previous Model	New Model	Reason for Change
25W	2001	PRH003	PRS003	· Model names changed to distinguish and indicate small/medium/large sizes
	2001	PRH007	PRS007	
~40W	2000	-	PRS010	
	2000	-	PRS030	
	2000	-	PRS050	
	2000	-	PRS100	
	2000	-	PRS200	
200W	2002	PRE010	PRJ010	· Model names changed to distinguish and indicate small/medium/large sizes
~400W	2002	PRE030	PRJ030	
	2002	PRE050	PRJ050	
	2002	PRE100	PRJ100	
	2002	PRE200	PRJ200	
	2002	PRE300	PRJ300	
	2002	PRE400	PRJ400	
	2002	PRE500	PRJ500	
	2002	PRE600	PRJ600	
750W	2000	-	PRJ800	
	2000	-	PRJ10K	
1500W	2000	-	PRL10K	
	2000	-	PRL20K	
	2000	-	PRL30K	
	2000	-	PRL40K	
	2000	-	PRL50K	

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WILO SE
Wilo park 1
D-44263 Dortmund
Germany
www.wilo.com