

Product Catalogue

Household Products

Pressure Boosting pump - Submersible Drainage pump - Submersible Sewage pump -
Submersible Borehole pump - Agricultural/Industrial pump - Deep Well Application -
Hot Water Circulation - Chemical Application



ALL-ROUNDER FOR THE HOME & SMALL BUILDINGS.

Wilo offers tailored products and systems that make life easier and more comfortable in a variety of ways. As a full-line provider for hot and cold water applications, Wilo is perfectly equipped to meet diverse customer requirements – with solutions that ensure maximum reliability, flexibility and connectivity.

wilo.com/kr/ko





Household Products Catalogue

Contents	
Pressure Boosting	05
Water supply and boosting for housing, apartment, low water pressure area, accommodation and restaurant	
Pressure Boosting(Inverter Control)(HiMulti 5)	05
Pressure Boosting (Inverter Control)[MHiKE(-D,-W,-T)]	06
Pressure Boosting (Inverter Control)[PBI(-L,-LD)]	10
Pressure Boosting(PB)	11
Pressure Boosting(PW)	17
Submersible Drainage(PD/DLV/PD-G/TS/TSW/PD-S/Padus MINI3)	20
Drainage for general usages, water tank, basement, construction site	
Submersible Sewage(Rexa MINI3)	24
Pumping of sewage (not containing faeces)	
Submersible Borehole(PSS/PSB)	25
Agricultural irrigation, fountain, industrial water supply, firefighting and other facilities	
Agricultural/Industrial(PU)	27
Water transfer for agriculture, greenhouse, flower garden, industry	
Agricultural/Industrial (Seawater)(PU-S)	28
Seawater transfer, small aquarium, ship, fish farm	
Deep Well Application(PC)	29
Water supply for housing, agriculture, low water pressure area	
Hot Water Circulation(PH)	30
Hot water circulation	
Chemical Application(PM/PM-STs)	33
Chemical fluid circulation	

Pressure Boosting (Inverter Control)

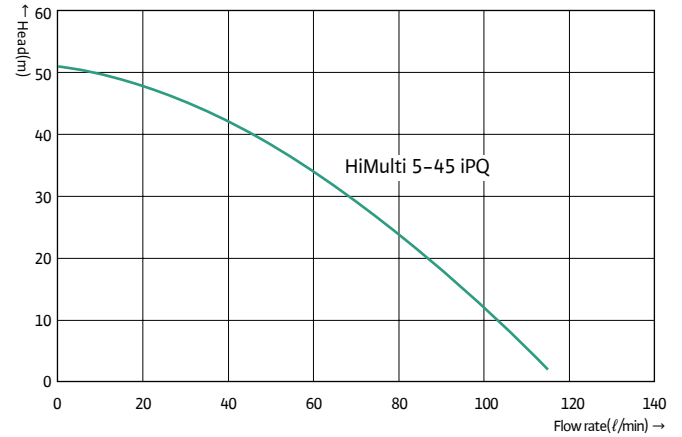
Wilo-HiMulti 5

Pressure Boosting (Inverter Control)



Wilo-HiMulti 5

Performance Curve



Features

- Low noise level(50dB) thanks to two noise blocking covers and water cooling jacket without cooling fan
- Corrosion resistance thanks to engineering plastic material
- Energy saving up to 33% thanks to inverter technology
- Completely new design with LCD screen and green button
- Various protection functions for safe and economic use : Over pressure, dry running, over current, over/low voltage, blocked rotor, anti-freezing /excessive temperature protection

Application

- Water supply and boosting for housing, apartment and accommodation

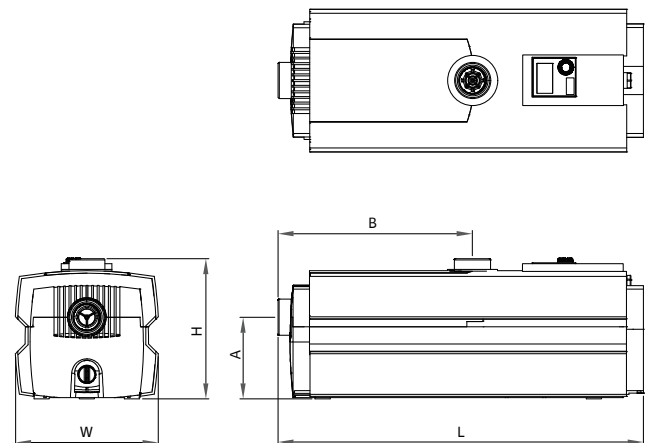
Model Name

Wilo-HiMulti 5-4 5 i P Q

① ② ③ ④ ⑤

① 4	Rated flow rate : 4m ³ /hr
② 5	Number of impeller
③ i	i : Inverter
④ P	P : Self priming(Max. 8m)
⑤ Q	Q : Quiet

Dimension Drawing



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



Now watch the animation and discover more about the Wilo-HiMulti 5. Visit our Wilo Korea YouTube channel.

Technical Data

Model	Power Source	Output (W)	Max. Head (m)	Max. Flow Rate (l/min)	Diameter (mm, inch)	Max. System (Allowable) Pressure (bar)	Max. Setting Pressure (bar)	*Max. Inlet Pressure (bar)	Fluid Temperature (°C)
HiMulti 5-45 iPQ	Single phase 220V 50Hz, 60Hz	750	50	110	32(1 1/4")	8	4.5	3	+5 ~ +35

* Direct connection to the city water is strictly prohibited.

Pressure Boosting (Inverter Control)

MHiKE(-D, -W, -T) Series

Pressure Boosting (Inverter Control)



MHiKE Series



MHiKE-D Series



MHiKE-W/T Series

Control and Protection Functions

Function	MHiKE Series		MHiKE-D Series	MHiKE-W/T Series
	Single phase	Three phase		
Setting operation at fixed pressure	0	0	0	0
Over pressure protection	0	0	0	0
Auto-reset after blackout	0	0	0	0
Auto-reset after trouble shooting	0	0	0	0
Dry running protection	0	0	0	0
Auto and manual operation (in case of emergency)	0	0	0	0
Over/under voltage protection	0	0	0	0
Warm-up operation	0	0	0	0
Alternative operation	-	-	0	0
Automatic back up (when in trouble)	-	-	0	0
Setting max. and min. frequency of inverter	-	0	-	0
Friction loss compensation	-	0	0	0
Alarming when under the setting pressure	-	-	-	0
Setting max. pressure	-	-	-	0
Operating number control	-	-	-	0

Technical Data

Model	Output (kW)	Power Source	Inverter Output (kW)	Operating Pressure (kgf/cm ²)	Rated Flow Rate (l/min)	Flange Size (mm)		Max. Fluid Temperature (°C)
						Suc.	Dis.	
MHiKE-203A	0.75	Single phase 220V 50Hz	0.75	2	70	25	25	80
MHiKE-205A	1.1		1.5	4	70	25	25	
MHiKE-402A	0.75		0.75	2	70	32	25	
MHiKE-403A	1.1		1.5	2	110	32	25	
MHiKE-404A	1.5		1.5	4	80	32	25	
MHiKE-405A	1.85		2.2	4	100	32	25	
MHiKE-802A	1.5		1.5	2	150	40	32	
MHiKE-803A	1.85		2.2	2	200	40	32	
MHiKE-D404A	1.5 X 2		1.5X2	4.5	130	50	50	
MHiKE-D405A	1.85X2		2.2 X 2	4	220	50	50	
MHiKE-D802A	1.5 X 2	1.5 X 2	2.5	250	65	65		
MHiKE-D803A	1.85X2	2.2 X 2	2	380	65	65		
MHiK-W406GA	2.2 X 2	Three phase 380V 50Hz	2.2	4	180	50	50	
MHiKE-W804GA	2.5 X 2		3	3	300	65	65	
MHiKE-W805GA	3 X 2		4	4	280	65	65	
MHiKE-T406GA	2.2 X 3		2.2	4	280	65	65	
MHiKE-T804GA	2.5 X 3		3	3	450	80	80	
MHiKE-T805GA	3 X 3		4	4	450	80	80	

MHiKE Series

Pressure Boosting (Inverter Control)



MHiKE Series

Features

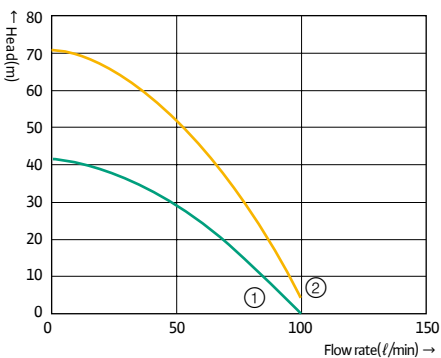
- Excellent energy saving (max 80% of saving energy with VFD)
- Various pump protection functions
- Easy installation and maintenance (by restarting automatically when the error is solved)
- Excellent design and lightweight (low noise & vibration)

Application

- Water supply and pressure boosting
- Residential areas, motels, holiday houses, etc.
- Small sprinkler, water management facility which requires a fixed pressure
- Fire extinguisher pump, industrial circulating system
- Boiler water supply, coolant system, etc.

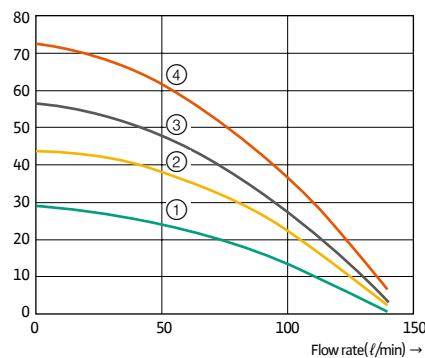
Performance Curve

MHiKE-2 Series



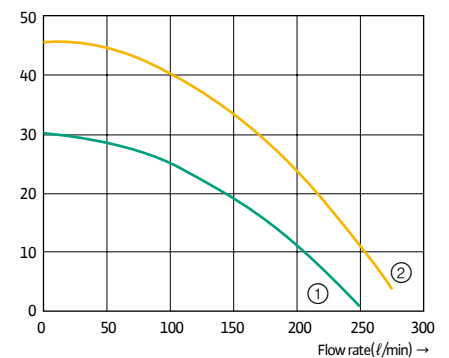
① MHiKE-203A ② MHiKE-205A

MHiKE-4 Series



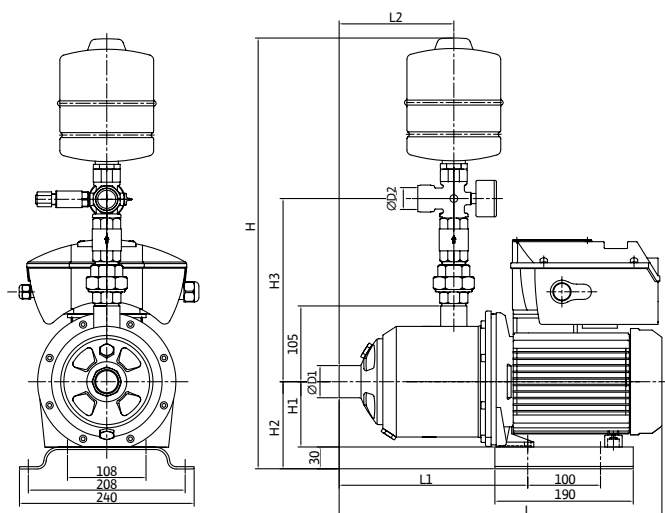
① MHiKE-402A ② MHiKE-403A
③ MHiKE-404A ④ MHiKE-405A

MHiKE-8 Series



① MHiKE-802A ② MHiKE-803A

Dimension Drawing



Model	Dimensions(mm)								
	H	H1	H2	H3	L	L1	L2	D1	D2
MHiKE-203A	610	90	120	380	385	185	109.5	1"	1"
MHiKE-205A	610	90	120	380	430	235	157.5	1"	1"
MHiKE-402A	610	90	120	380	385	185	109.5	1 1/4"	1"
MHiKE-403A	610	90	120	380	385	185	109.5	1 1/4"	1"
MHiKE-404A	610	90	120	380	425	225	157.5	1 1/4"	1"
MHiKE-405A	610	90	120	380	425	225	157.5	1 1/4"	1"
MHiKE-802A	630	90	120	385	390	190	121.5	1 1/2"	1 1/4"
MHiKE-803A	630	90	120	385	390	190	121.5	1 1/2"	1 1/4"

Pressure Boosting (Inverter Control)

MHiKE-D Series

Pressure Boosting (Inverter Control)



MHiKE-D Series

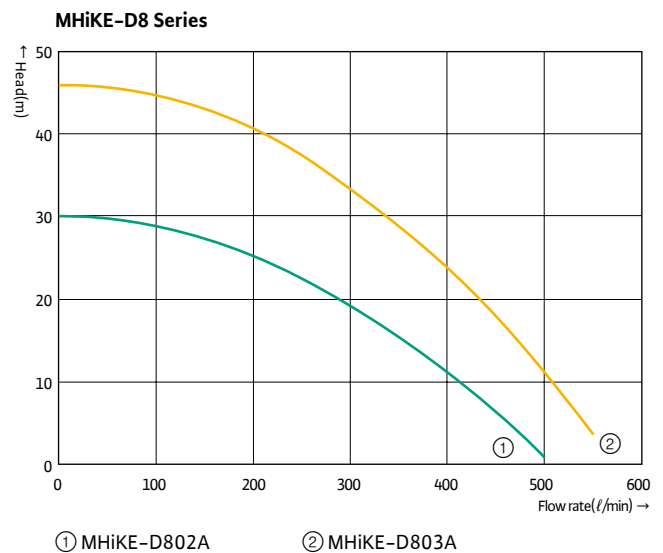
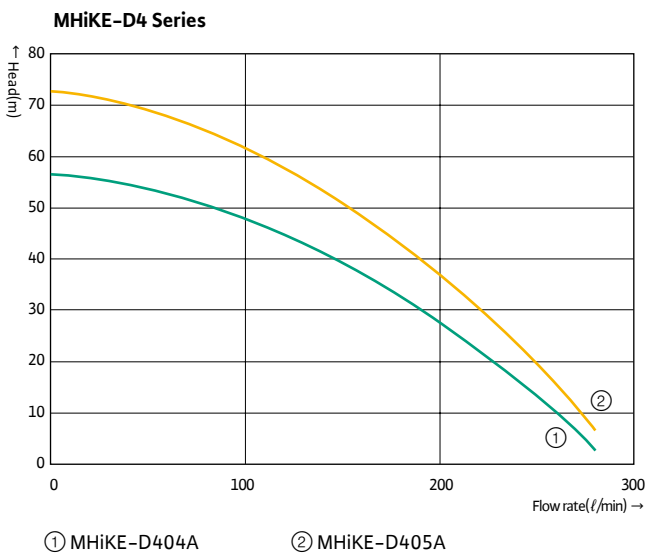
Features

- Long lifetime thanks to automatic load distribution
- Dry running protection thanks to constant detection
- Prevents sudden water supply interruption thanks to skip operation function of faulty pump
- Warm-up function : operates periodically at the minimum speed when the pump is not used for a long time

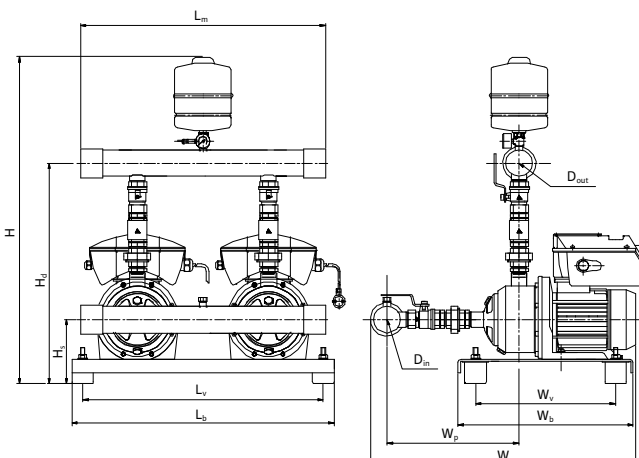
Application

- Water supply and pressure boosting (Large capacity, high-rise/low water pressure areas)
- Residential areas, motels, holiday houses, etc.

Performance Curve



Dimension Drawing



Model	Dimensions(mm)											
	H	H _s	H _d	L _m	L _v	L _b	W	W _p	W _v	W _b	D _{in}	D _{out}
MHiKE-D404A	870	140	530	560	550	600	655	360	320	400	50A	50A
MHiKE-D405A	870	140	530	560	550	600	655	360	320	400	50A	50A
MHiKE-D802A	900	140	560	560	550	600	725	380	320	400	65A	65A
MHiKE-D803A	900	140	560	560	550	600	725	380	320	400	65A	65A

MHiKE-W/T Series

Pressure Boosting (Inverter Control)



MHiKE-W/T Series

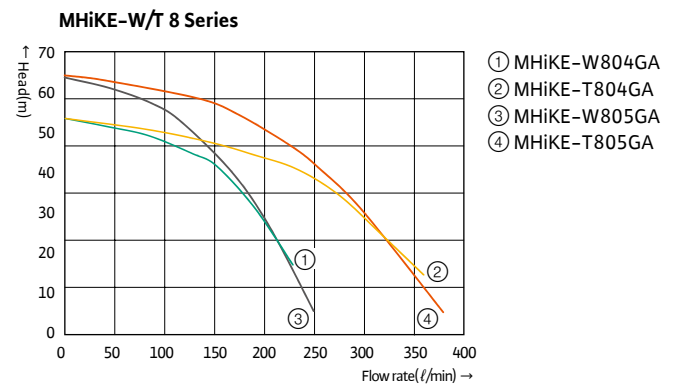
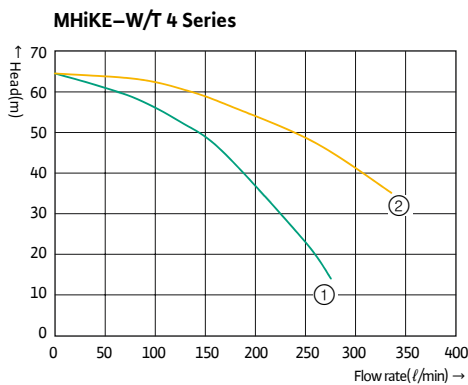
Features

- Long lifetime thanks to automatic load distribution
- Prevents unnecessary pressure losses thanks to friction loss compensation function
- Prevents overload of pumps thanks to inverter alternating cycle
- Prevents sudden water supply interruption thanks to skip operation function of faulty pump

Application

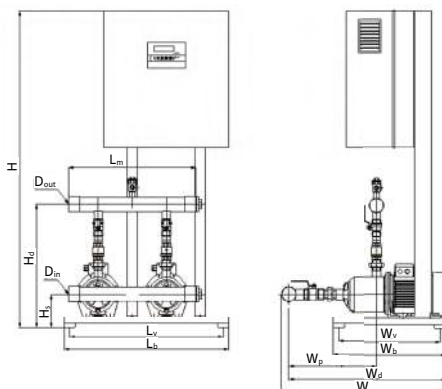
- Water supply and pressure boosting
- Small building, studio apartment, etc.
- Construction work (Instead of booster)

Performance Curve

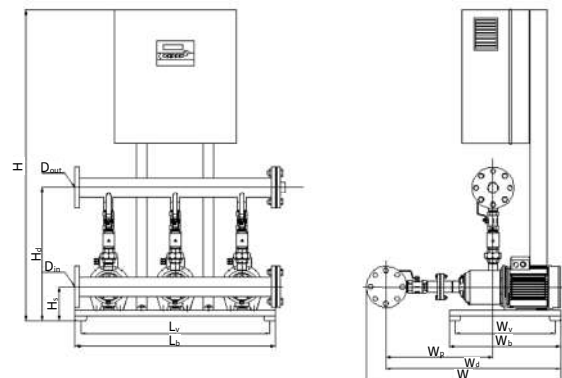


Dimension Drawing

MHiKE-W Series



MHiKE-T Series



Model	Dimensions(mm)											
	H	H _s	H _d	L _v	L _b	W _v	W _b	W _p	W _d	W	D _{in}	D _{out}
MHiKE-W406GA	1400	152.5	541	675	725	450	500	385	685	720	50	50
MHiKE-W804GA	1400	152.5	570	675	725	450	500	410	710	760	65	65
MHiKE-W805GA	1400	152.5	570	675	725	450	500	410	710	760	65	65
MHiKE-T406GA	1400	152.5	570	850	900	450	500	470	770	857	65	65
MHiKE-T804GA	1400	152.5	600	850	900	450	500	485	785	877	80	80
MHiKE-T805GA	1400	152.5	600	850	900	450	500	485	785	877	80	80

Pressure Boosting (Inverter Control)

PBI(-L,-LD) Series

Pressure Boosting (Inverter Control)



PBI-L Series (Self priming)



PBI-L Series (non self priming)



PBI-LD Series

Features

- Energy saving thanks to high-end inverter control system
- Various operation mode (rpm, pressure)
- User friendly interface and status displaying thanks to display screen
- Durability and corrosion resistance thanks to stainless steel and engineering plastic application
- Max. fluid temperature: 0~80°C for 2/4 Series & 0~35°C for 3/6 Series

Application

- Water supply and boosting for housing, apartment and accommodation
- Small sprinkler and water management facility which requires a fixed pressure

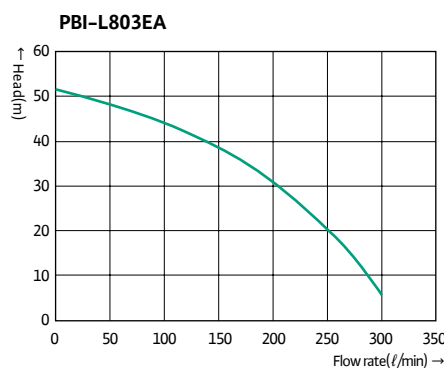
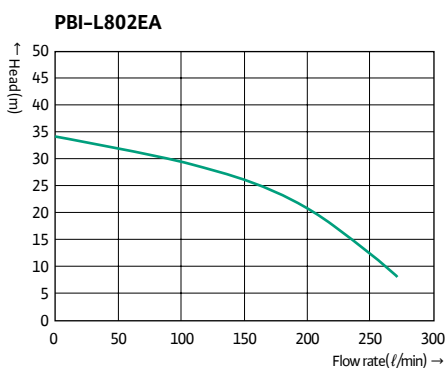
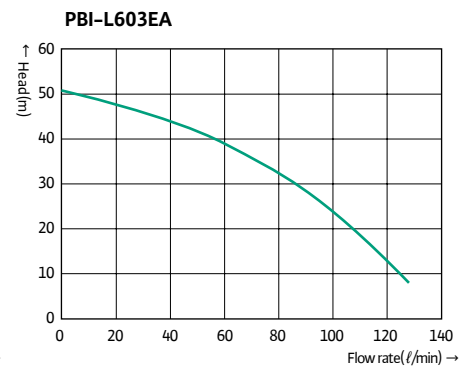
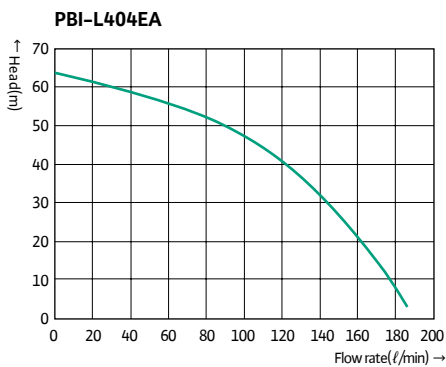
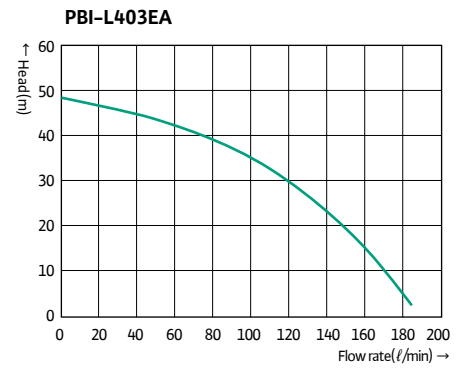
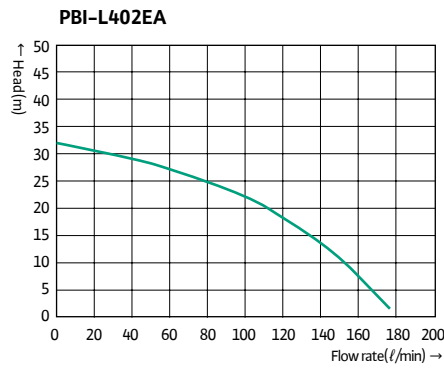
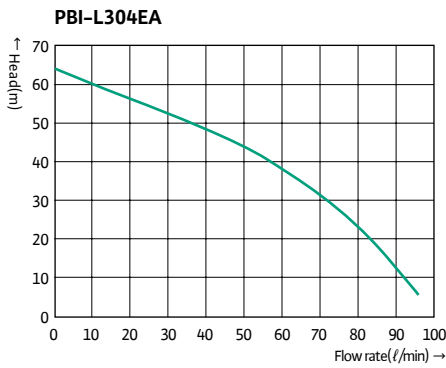
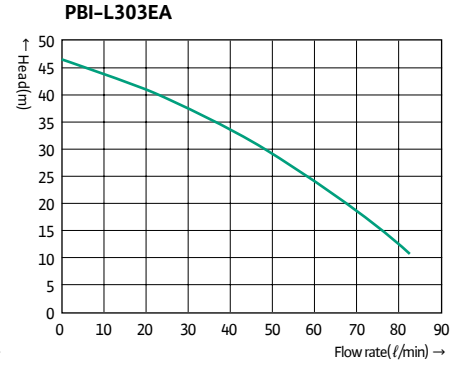
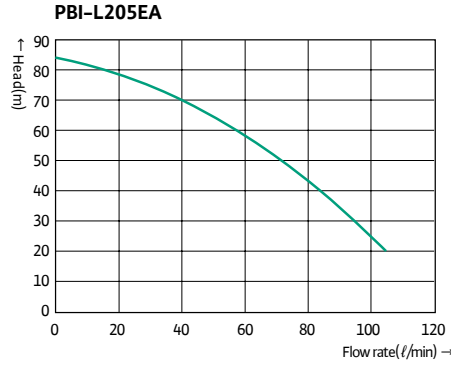
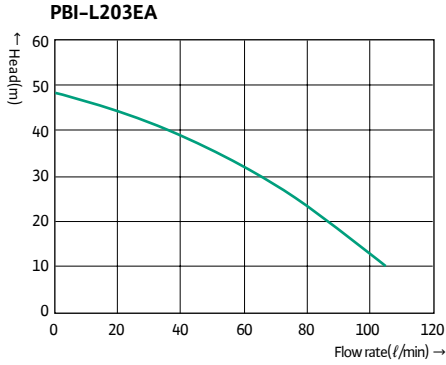
Control and Protection Functions

Function	PBI-L Series		PBI-LD Series
	Single phase	Three phase	
Setting operation at fixed pressure	0	0	0
Over pressure protection	0	0	0
Auto-reset after blackout	0	0	0
Auto-reset after trouble shooting	0	0	0
Dry running protection	0	0	0
Auto and manual operation (in case of emergency)	0	0	0
Over/under voltage protection	0	0	0
Warm-up operation	0	0	0
Alternative operation	-	-	0
Automatic back up (when in trouble)	-	-	0
Setting max. and min. frequency of inverter	-	0	-
Friction loss compensation	-	0	0

PBI(-L,-LD) Series

Pressure Boosting (Inverter Control)

Performance Curve

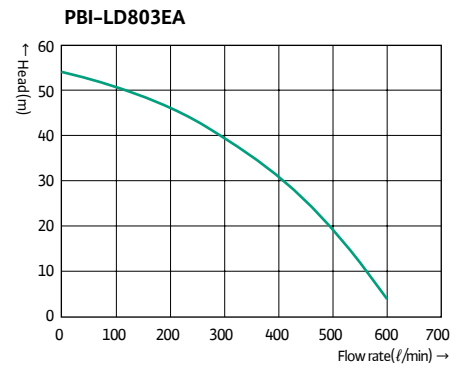
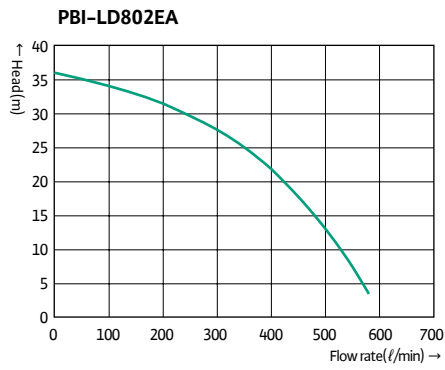
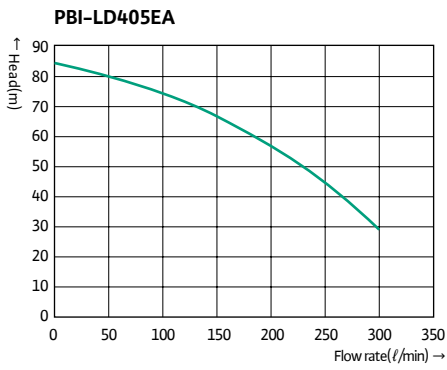
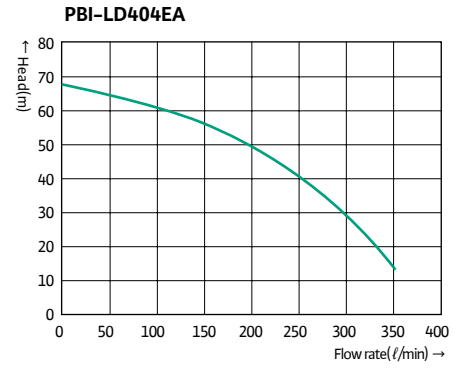
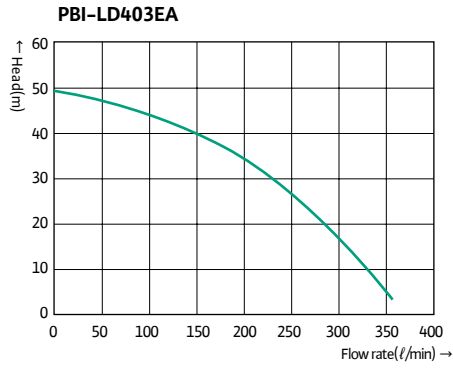
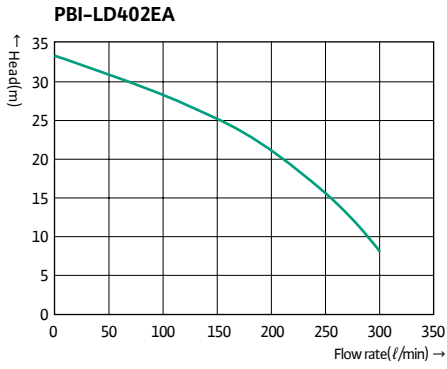


Pressure Boosting (Inverter Control)

PBI(-L,-LD) Series

Pressure Boosting (Inverter Control)

Performance Curve

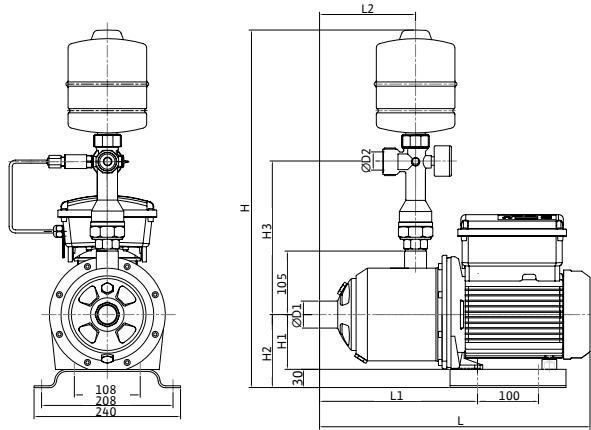


PBI(-L,-LD) Series

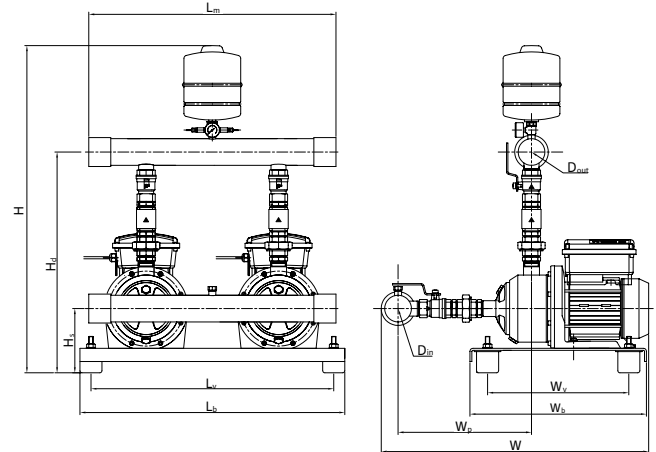
Pressure Boosting (Inverter Control)

Dimension Drawing

PBI-L Series



PBI-LD Series



Model	Dimensions(mm)								
	H	H1	H2	H3	L	L1	L2	D1	D2
PBI-L203EA	580	90	120	435	360	204	109.5	25	25
PBI-L205EA	580	90	120	435	425	252	157.5	25	25
PBI-L303EA	580	90	120	435	425	252	157.5	25	25
PBI-L304EA	580	90	120	435	425	252	157.5	25	25
PBI-L402EA	580	90	120	435	360	204	109.5	32	25
PBI-L403EA	580	90	120	435	425	204	109.5	32	25
PBI-L404EA	580	90	120	380	425	252	157.5	32	25
PBI-L405EA	580	90	120	380	425	252	157.5	32	25
PBI-L603EA	580	90	120	435	425	252	157.5	32	25
PBI-L802EA	580	90	120	385	390	216	121.5	40	32
PBI-L803EA	580	90	120	385	390	216	121.5	40	32

Model	Dimensions(mm)											
	H	H _s	H _d	L _m	L _v	L _d	W	W _p	W _v	W _b	D _{in}	D _{out}
PBI-LD402EA	870	140	530	560	550	600	655	360	320	400	50A	50A
PBI-LD403EA	870	140	530	560	550	600	655	360	320	400	50A	50A
PBI-LD404EA	870	140	530	560	550	600	655	360	320	400	50A	50A
PBI-LD405EA	870	140	530	560	550	600	655	360	320	400	50A	50A
PBI-LD802EA	870	140	530	560	550	600	725	360	320	400	65A	65A
PBI-LD803EA	870	140	530	560	550	600	725	360	320	400	65A	65A

Technical Data

Model	Output (kW)	Power Source	Inverter Output (kW)	Operating Pressure (kgf/cm ²)	Rated Flow Rate (ℓ/min)	Flange Size(mm)		Max. Fluid Temperature (°C)
						Suc.	Dis.	
PBI-L203EA	0.75	Single phase 220V 50Hz	1.1	2	70	25	25	80
PBI-L205EA	1.1		1.85	4	70	25	25	80
PBI-L303EA	0.75		1.1	2	60	25	25	35
PBI-L304EA	1.1		1.1	4	50	25	25	35
PBI-L402EA	0.75		1.1	2	70	32	25	80
PBI-L403EA	1.1		1.1	2	110	32	25	80
PBI-L404EA	1.5		1.85	4	80	32	25	80
PBI-L405EA	1.85		1.85	4	100	32	25	80
PBI-L603EA	1.1		1.1	2	100	32	25	35
PBI-L802EA	1.5		1.85	2	150	40	32	80
PBI-L803EA	1.85		1.85	2	200	40	32	80
PBI-LD402EA	0.75X2		1.1X2	2	120	50	50	80
PBI-LD403EA	1.1X2		1.1X2	3.5	180	50	50	80
PBI-LD404EA	1.5 X 2		1.85X2	4.5	130	50	50	80
PBI-LD405EA	1.85X2		1.85X2	4	220	50	50	80
PBI-LD802EA	1.85X2		1.85X2	2	380	65	65	80

* PBI-L 303/304/603EA = Self priming type

Pressure Boosting

PB Series

Pressure Boosting

Features

- Low noise level
- Automatic operation by precise flow switch
- Steady pressure level

Application

- Water supply and boosting for housing
- Water supply for solar heating system

Downward



PB-088EA



PB-200EA



PB-400EA



PB-S089EA

Technical Data (Downward)

Model	Power Source	Output (W)	Max. Head (m)	Max. Flow Rate (ℓ/min)	Diameter (mm, inch)	Max. Inlet Pressure (bar)	Fluid Temperature (°C)
PB-088EA	Single phase 230V 50Hz	80	8	35 (Ht=0.5m)	15(1/2")	1.2	0 ~ +80
PB-200EA		200	15	55 (Ht=0.5m)	15(1/2") or 20(3/4")	2	0 ~ +80
PB-201EA		200	15	65 (Ht=0.5m)	25(1")	2	0 ~ +80
PB-S125EA		125	11	42(Ht=0.5m)	20(3/4")	1.5	0 ~ +80
PB-400EA	Single phase 220V 50Hz	400	20	75 (Ht=0.5m)	32(1 1/4")	2.5	0 ~ +80
PB-H089EA		80	9	40(Ht=0.5m)	15(1/2")	1.2	0 ~ +100
PB-S089EA		60	8	35 (Ht=0.5m)	15(1/2")	1.2	0 ~ +80

※ PB-S089EA/PB-S125EA: Engineering plastic for wet parts

Upward



PB-250SEA



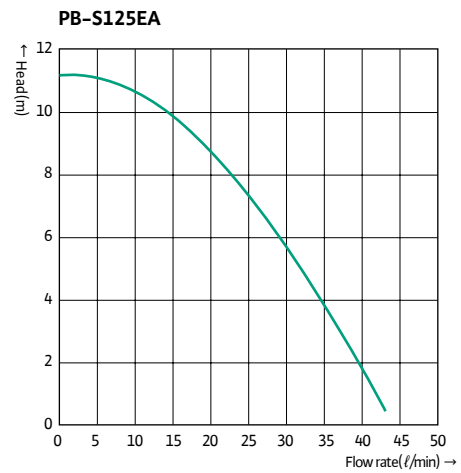
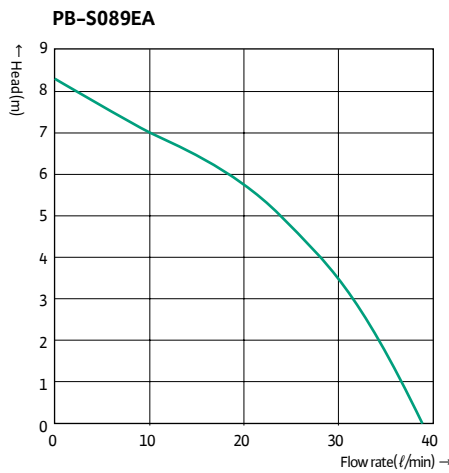
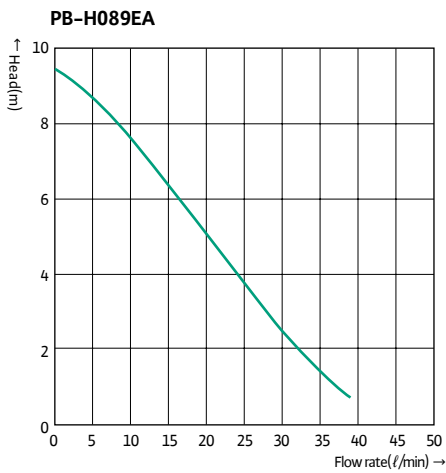
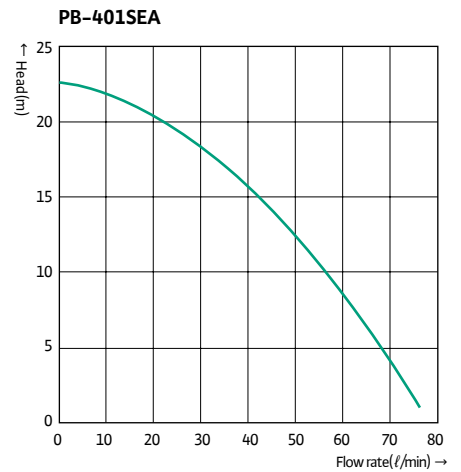
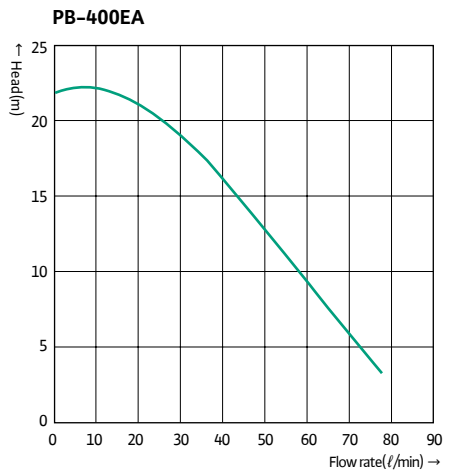
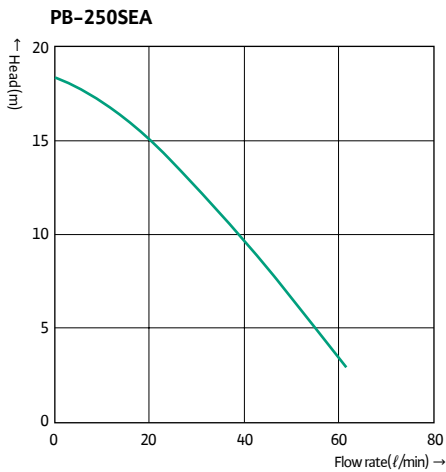
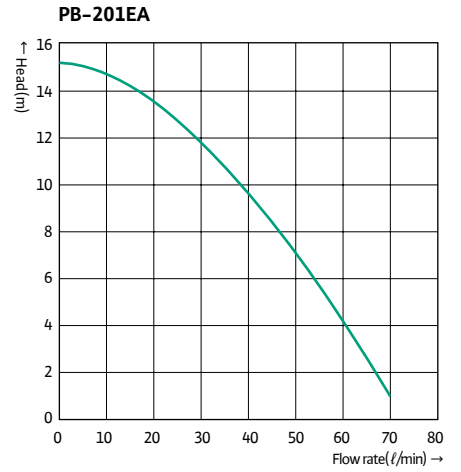
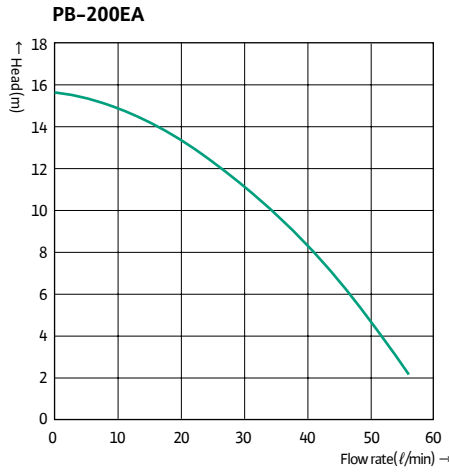
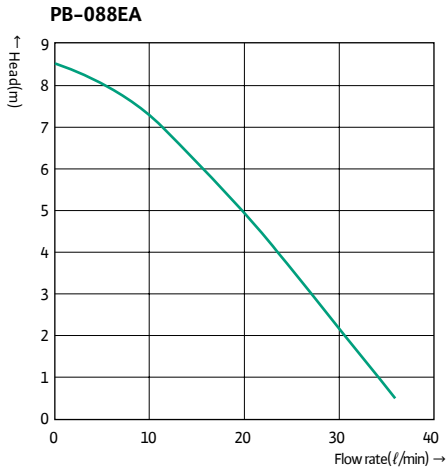
PB-401SEA

Technical Data (Upward)

Model	Power Source	Output (W)	Max. Head (m)	Rated flow rate (ℓ/min)	Max. Flow Rate (ℓ/min)	Diameter (mm, inch)	Max. Inlet Pressure (bar)	Fluid Temperature (°C)
PB-250SEA	Single phase 220V 50Hz	250	19	35 (Ht=12m)	65	25(1")	2	0 ~ +60
PB-401SEA		400	21	45 (Ht=12m)	70	32(1 1/4")	2.5	0 ~ +60

PB Series Pressure Boosting

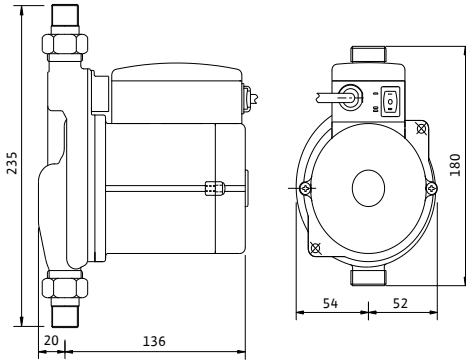
Performance Curve



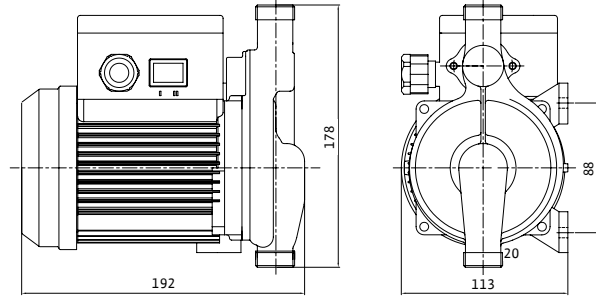
Dimension Drawing

unit : mm

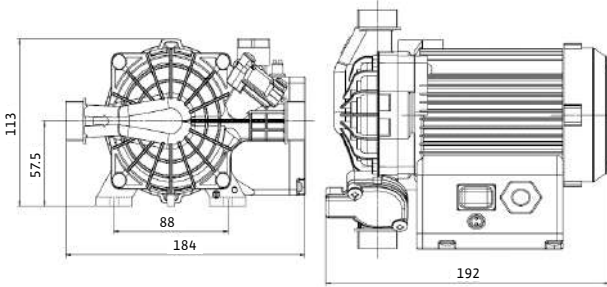
PB-088EA



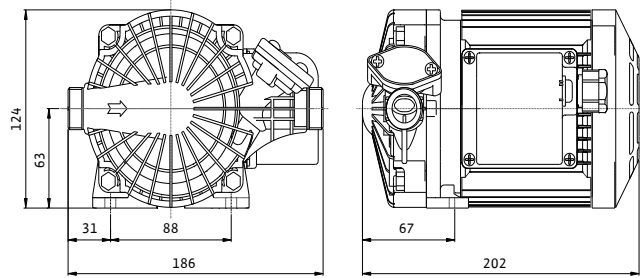
PB-H089EA



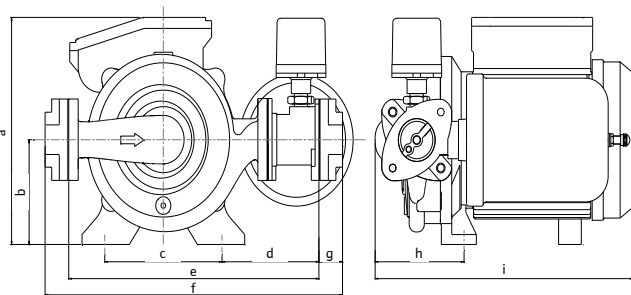
PB-S089EA



PB-S125EA

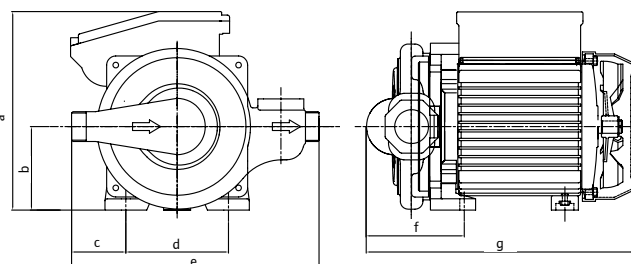


PB-250SEA, PB-401SEA



Model	Dimensions(mm)								
	a	b	c	d	e	f	g	h	i
PB- 250SEA	182	86	124	99	260	304	22	97.5	248
PB- 401SEA	207	95	124	103	265	315	25	94	273

PB-200EA, 201EA, 400EA



Model	Dimensions(mm)						
	a	b	c	d	e	f	g
PB-200EA	176	74	45	91	220	85	235
PB-201EA	176	74	57	91	240	87	237
PB-400EA	207	95	63	124	270	105	275

PW Series

Pressure Boosting



PW-175EA



PW-122EA



PW-252EA

Features

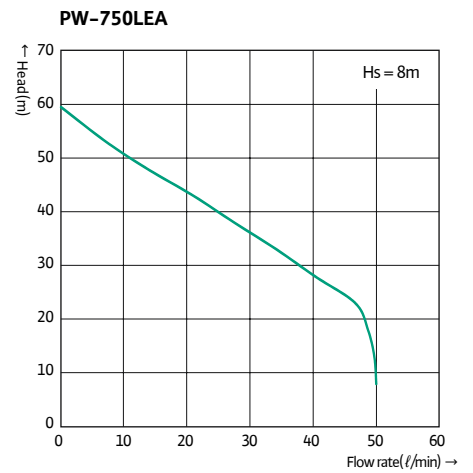
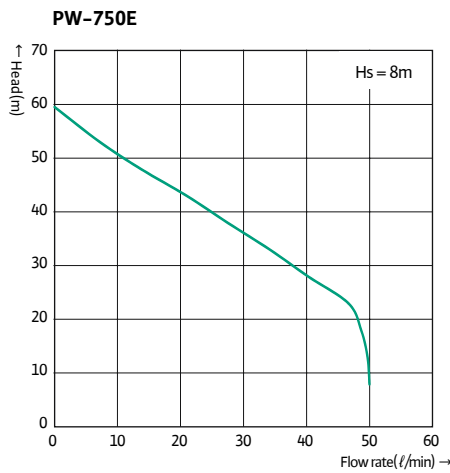
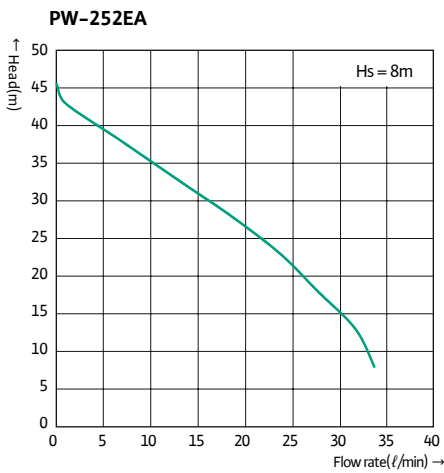
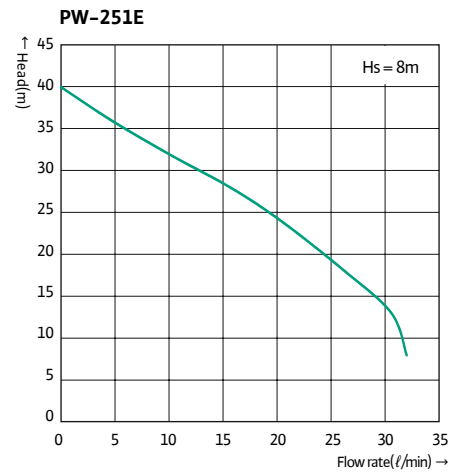
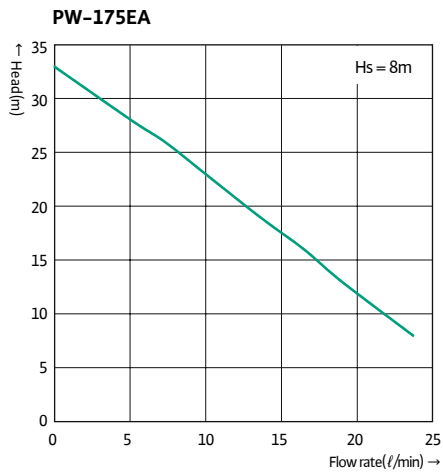
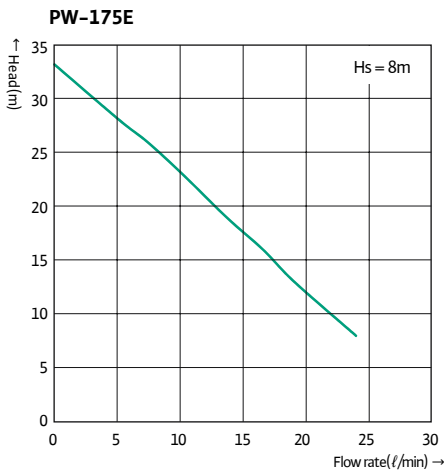
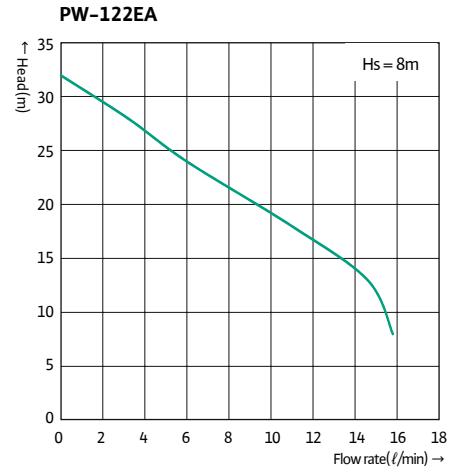
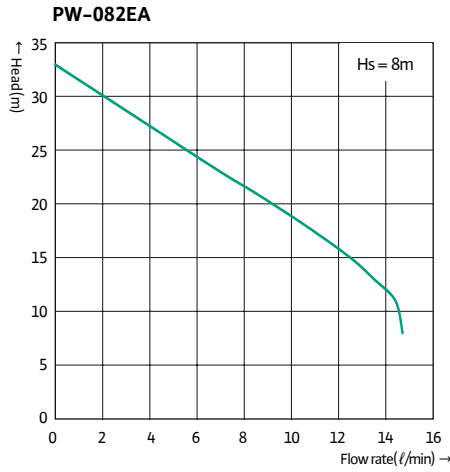
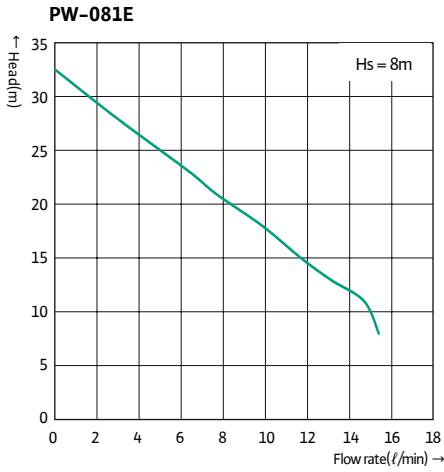
- High efficiency design with low electric consumption
- Easy assembly and disassembly
- Optimized design for self-priming

Application

- Water supply and boosting for housing from well

Technical Data								
Model	Power Source	Output (W)	Max. Suction Head (m)	Max. Head (m)	Max. Flow Rate (ℓ/min)	Flange Size (mm, inch)	Tank volume (ℓ)	Max. Inlet Pressure (bar)
PW-081E	Single phase 220V 50Hz	80	8	15	20	20(3/4")	-	1
PW-082EA		80	8	15	20	20(3/4")	1	1
PW-122EA		125	8	18	25	20(3/4")	1	1
PW-175E		125	8	19	30	25(1")	-	1
PW-175EA		125	8	19	30	25(1")	1	1
PW-251E		250	8	24	40	25(1")	-	1
PW-252EA		250	8	24	40	25(1")	1	1
PW-750E		750	8	55	70	40(1 1/2")	-	1
PW-750LEA		750	8	55	70	40(1 1/2")	20	1

Performance Curve

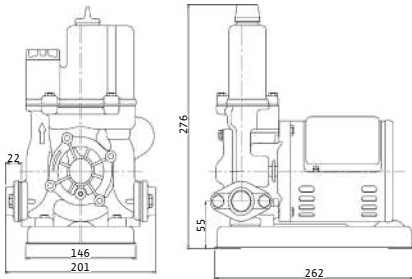


PW Series Pressure Boosting

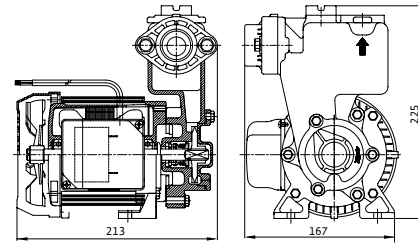
Dimension Drawing

unit : mm

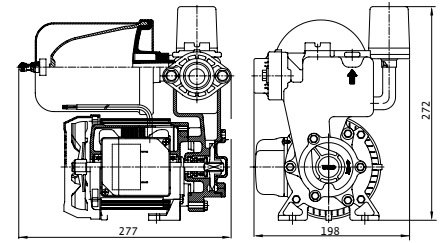
PW-081E, 082EA, 122EA



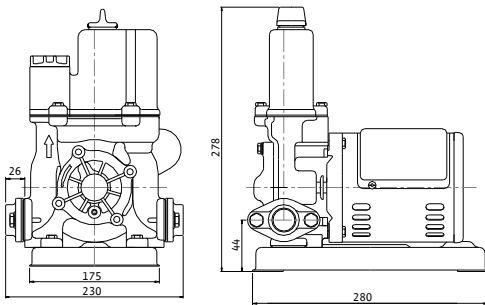
PW-175E



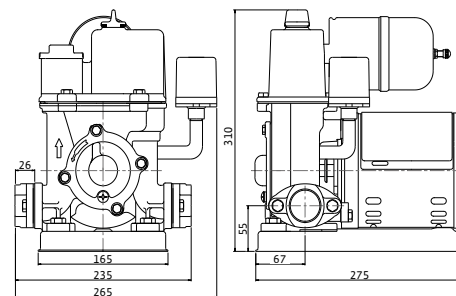
PW-175EA



PW-251E



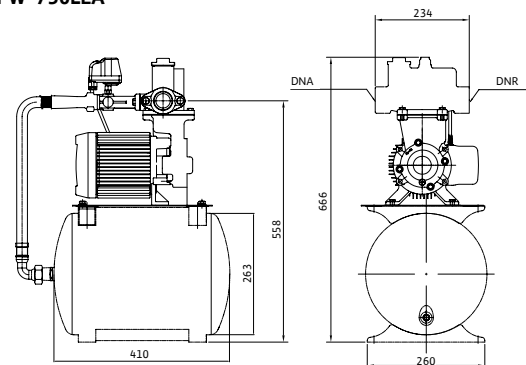
PW-252EA



PW-750E



PW-750LEA



Submersible Drainage

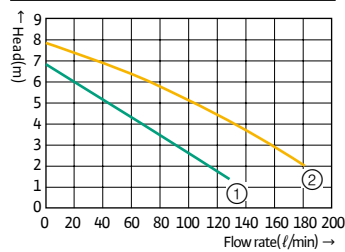
PD Series

Volute Type



PD-180E(A) PD-300E(A)

Performance Curve

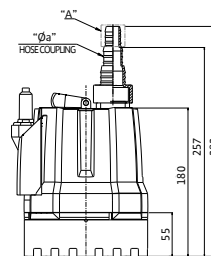


① PD-180E(A)
② PD-300E(A)

Features

- Lower residual water level
- Smaller motor size
 - Water cooling structure
 - Pressure sensor auto control
- Anti-rust material
- Component parts insensitive to corrosion
- Automatic operation by float switch(EA models)

Dimension Drawing



unit : mm

Model	"A"	Øa(mm)
PD-180E(A)	O	20, 25, 32
PD-300E(A)	-	25, 32

Application

- Cleaning public bath, water tank
- Drainage to prevent flooding for small space
- Lift & transfer water

Technical Data

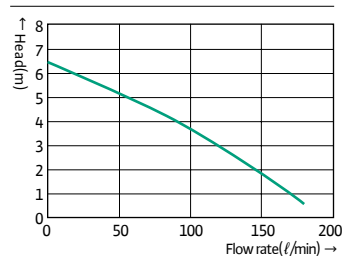
Model	Power Source	Fluid Temperature (°C)	Output (W)	Max. Head (m)	Max. Flow Rate (l/min)	Discharge Size (mm, inch)
PD-180E(A)	Single phase 220V 50Hz	0 ~ +40	180	5.5	100	20, 25, 32
PD-300E(A)			300	7.5	160	25, 32

DLV Series

Drainage Pump System



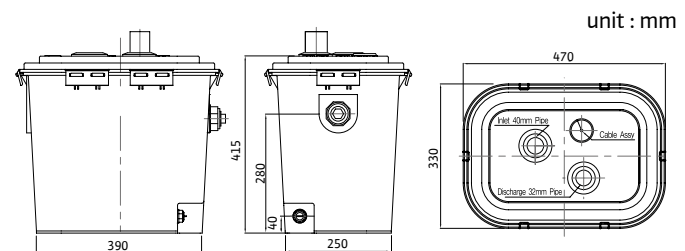
Performance Curve



Features

- All-in-one locking structure, neat design
- Strong to external impact
- Adopting a vortex type pump
- Suitable for usage at low temperature thanks to flexible case material (liquid temp. -0 ~ 40 °C)
- Complete protection from bad scent thanks to silicon gasket
- Maximum capacity is 23 l

Dimension Drawing



unit : mm

Application

- Wastewater treatment at first basement floor or Semi-basement floor
- Wash machine, shower room, dish washer, kitchen, wash basin and urinal (Up to 23 l)

Technical Data

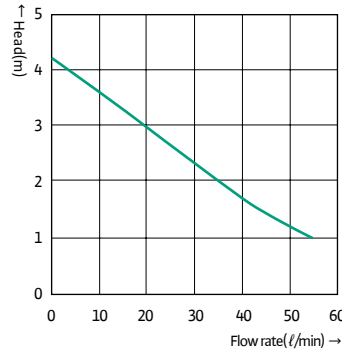
Model	Power Source	Fluid Temperature (°C)	Output (W)	Capacity (l/min)	Suction Size (mm, inch)	Discharge Pipe Size (mm, inch)	Free Passage Size (mm)
DLV-300EA	Single phase 220V 50Hz	0 ~ +40	280	100 (Ht=3m)	Top: 40 (1 1/2") Side: 32 (1 1/4")	32 (1 1/4")	20

PD-G Series Volute Type



PD-G050E(A)

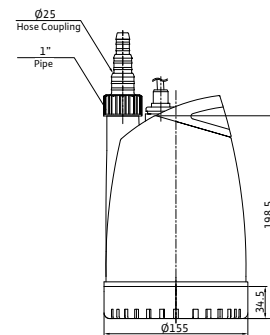
Performance Curve



Features

- Lower residual water
- Anti-corrosion material for wetted part
- Safety design for motor
 - Built with Thermal Protector (T.P)
- Automatic operation by float switch(EA model)

Dimension Drawing



unit : mm

Application

- Most suitable to drain thick water from pools, ditches, sewers
- Drainage from cellar

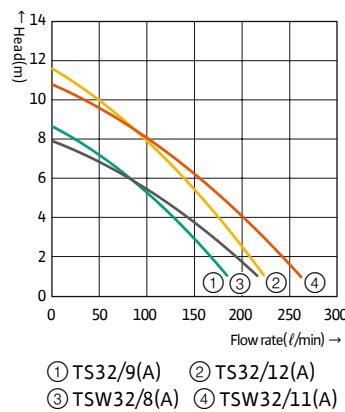
Technical Data						
Model	Power Source	Fluid Temperature (°C)	Output (W)	Max. Head (m)	Max. Flow Rate (l/min)	Discharge Size (mm, inch)
PD-G050E(A)	Single phase 220V 50Hz	+3 ~ +40	50	3.5	45	25 (1")

TS, TSW Series Volute Type



TS, TSW Series

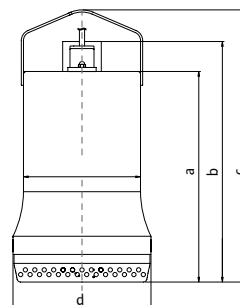
Performance Curve



Features

- Stainless steel material
- Vertical discharge - Save up installation space
- Automatic operation by float switch (A model)
- CE certificate
- TSW : With turbulator

Dimension Drawing



Model	Dimensions(mm)			
	a	b	c	d
TS32/9(A)	246	280	320	161
TS32/12(A)	266	300	340	161
TSW32/8(A)	270	300	340	171
TSW32/11(A)	290	320	360	171

Application

- Clean water drainage

Technical Data						
Model	Power Source	Fluid Temperature (°C)	Output (W)	Max. Head (m)	Max. Flow Rate (l/min)	Discharge Size (mm, inch)
TS32/9(A)	Single phase 220V 50Hz	+3 ~ +35	300	8.6	185	32(1 1/4")
TS32/12(A)		+3 ~ +35	600	11.6	225	32(1 1/4")
TSW32/8(A)		+3 ~ +35	300	7.9	215	32(1 1/4")
TSW32/11(A)		+3 ~ +35	600	10.8	260	32(1 1/4")

Submersible Drainage

PD-S Series

Volute Type

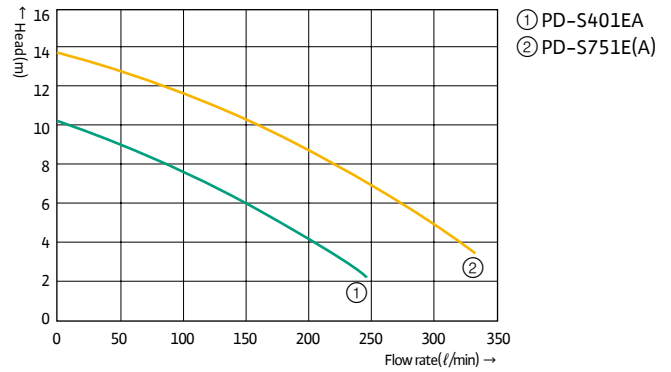


PD-S401EA



PD-S751E(A)

Performance Curve



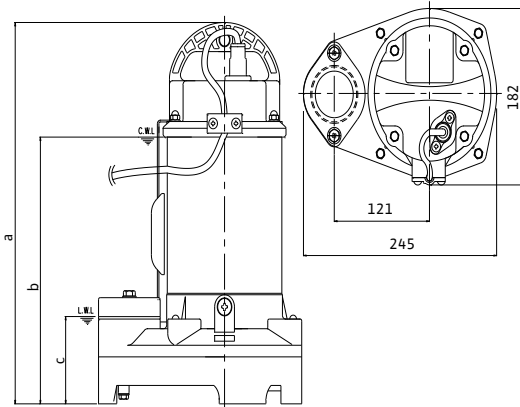
Features

- Stainless steel material
- Vertical discharge - Save up installation space
- Automatic operation by float switches (EA model)

Application

- Clean water drainage
- Sea water drainage
- Aquarium, fish farm, etc.

Dimension Drawing



Model	Dimensions(mm)		
	a	b	c
PD-S401EA	390	273	86
PD-S751E(A)	407	290	86

Technical data

Model	Power Source	Output (W)	Max. Head (m)	Rated Flow Rate (l/min)	Discharge Size (mm, inch)	Weight (kg)	Fluid Temperature (°C)
PD-S401EA	Single phase 220V 50Hz	400	9	150(Ht=5m)	50 (2")	12	-10 ~ +40
PD-S751E(A)		750	12	220(Ht=7m)		14	-5 ~ +40

Wilo-Padus MINI3 series

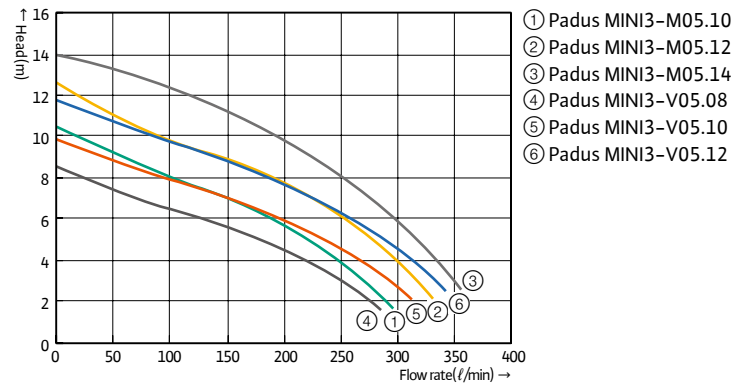
Volute Type



Padus MINI3-M05 series

Padus MINI3-V05 series

Performance Curve



Features

- Stainless steel and engineering plastic materials
- Easy transportation and installation thanks to weight lightening

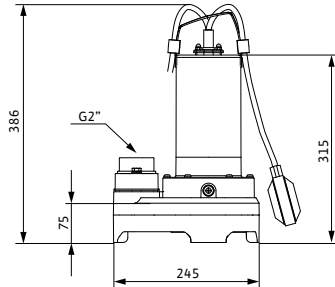
Application

- Drainage and sewage for basement
- Drainage for small fountain and fall
- Drainage for underground commercial facility, building basement, machine room and sanitation as well as underground leachate
- Drainage for agriculture and horticulture

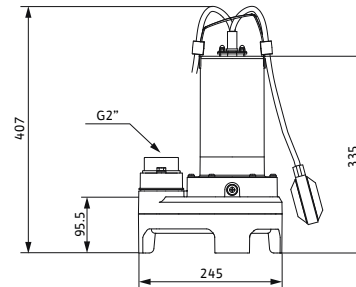
Dimension Drawing

unit : mm

Padus MINI3-M05 series



Padus MINI3-V05 series



Technical Data								
Model	Power Source	Output (kW)	Max. Head (m)	Max. Flow Rate (l/min)	Discharge Size (mm, inch)	Weight (kg)	Type	
Padus MINI3-M05.10/M05-522/A-5M	Single phase 220V 50Hz	0.5	10	300	50(G2")	8	Volute	
Padus MINI3-M05.10/M05-522/P-5M						8		
Padus MINI3-M05.10/T05-538/O-5M	Three phase 380V 50Hz	0.6	12	315		8		
Padus MINI3-M05.12/M06-522/A-5M	Single phase 220V 50Hz					9		
Padus MINI3-M05.12/M06-522/P-5M	Three phase 380V 50Hz					9		
Padus MINI3-M05.12/T06-538/O-5M	Three phase 380V 50Hz	0.75	14	350		9		
Padus MINI3-M05.14/M08-522/A-5M	Single phase 220V 50Hz					9		
Padus MINI3-M05.14/M08-522/P-5M	Single phase 220V 50Hz	0.5	8	280		8		Vortex
Padus MINI3-V05.08/M05-522/A-5M	Single phase 220V 50Hz					8		
Padus MINI3-V05.08/M05-522/P-5M	Three phase 380V 50Hz					8		
Padus MINI3-V05.08/T05-538/O-5M	Three phase 380V 50Hz	0.6	10	300		9		
Padus MINI3-V05.10/M06-522/A-5M	Single phase 220V 50Hz					9		
Padus MINI3-V05.10/M06-522/P-5M	Three phase 380V 50Hz				9			
Padus MINI3-V05.10/T06-538/O-5M	Three phase 380V 50Hz	0.75	12	330	9			
Padus MINI3-V05.12/M08-522/A-5M	Single phase 220V 50Hz				9			
Padus MINI3-V05.12/M08-522/P-5M	Single phase 220V 50Hz				9			

Submersible Sewage

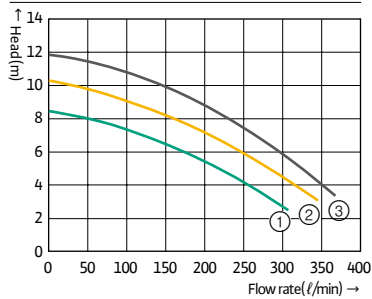
Wilo-Rexa MINI3 Series

Volute Type



Rexa MINI3

Performance Curve



- ① Rexa MINI-V04.09
- ② Rexa MINI-V04.11
- ③ Rexa MINI-V04.13

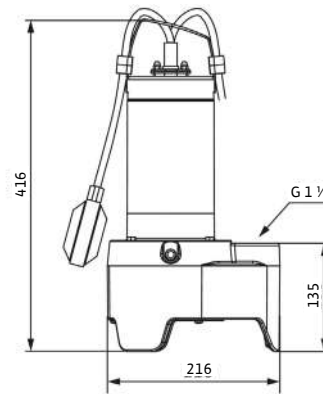
Features

- Optimized efficiency and high reliability thanks to improved hydraulics
- Easy installation also in narrow pits thanks to compact design, light-weight, integrated capacitor and threaded flange
- Outstanding reliability thanks to cast iron pump housing and corrosion-free impeller for universal applications and diverse fluids
- Long maintenance intervals thanks to oil chamber and rubber molded cable connection
- Fast maintenance thanks to direct access to seal chamber and pump housing

Application

- Pumping of sewage (not containing faeces)
- Waste water

Dimension Drawing



unit : mm

Technical Data

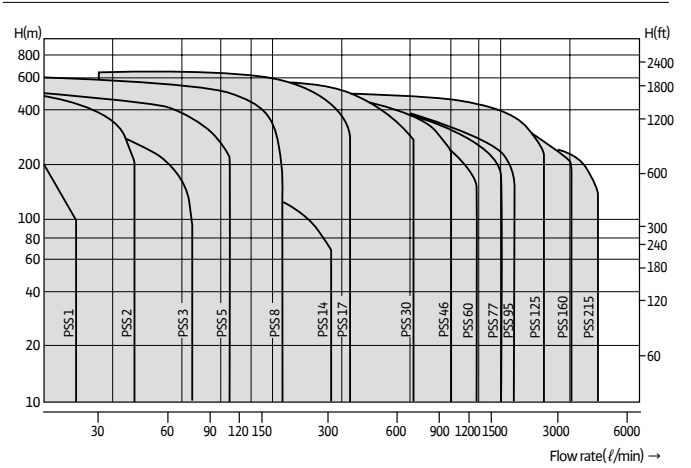
Model	Power Source	Fluid Temperature (°C)	Output (kW)	Max. Head (m)	Max. Flow Rate (l/min)	Discharge Size (mm, inch)	Weight (kg)						
Rexa MINI3-V04.09/M05-523/A-5M	Single phase 230V 50Hz	+3 ~ +40	0.5	9	300	40 (1 1/2")	13						
Rexa MINI3-V04.09/M05-523/A-10M							14						
Rexa MINI3-V04.09/M05-523/P-5M							13						
Rexa MINI3-V04.09/M05-523/P-10M							14						
Rexa MINI3-V04.09/T05-540/O-5M	Three phase 400V 50Hz		+3 ~ +40	0.5	9		300	40 (1 1/2")	13				
Rexa MINI3-V04.09/T05-540/O-10M									14				
Rexa MINI3-V04.11/M06-523/A-5M	Single phase 230V 50Hz			+3 ~ +40	0.6		11		333	40 (1 1/2")	14		
Rexa MINI3-V04.11/M06-523/A-10M											15		
Rexa MINI3-V04.11/M06-523/P-5M											14		
Rexa MINI3-V04.11/M06-523/P-10M											15		
Rexa MINI3-V04.11/T06-540/O-5M	Three phase 400V 50Hz				+3 ~ +40		0.6		11		333	40 (1 1/2")	13
Rexa MINI3-V04.11/T06-540/O-10M													14
Rexa MINI3-V04.13/M08-523/A-5M	Single phase 230V 50Hz	+3 ~ +40				0.75	13		367		40 (1 1/2")		14

PSS Series Stainless Steel Impeller



PSS Series

Performance Curve



Features

- Compatibility to various motors
- Durability due to apply all stainless steel
- High performance and efficiency
- Easy maintenance
- Easy replacement of existing pump
- Vertical/horizontal installation available

Application

- Underground water supply and boosting
- Small scale waterworks, agricultural irrigation and other facilities
- Artificial waterfall, fountain, hot spring water and for other clean water
- Industrial water supply
- Emergency, firefighting and sprinkler use

Technical Data						
Model	Power Source		Rated output		Discharge Size	
	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		
	3	380	0.37~7.5	0.5~10		
PSS-5 Series	1	220	0.37~2.2	0.5~3	40	1 1/2"
	3	380	0.37~7.5	0.5~10		
PSS-8 Series	1	220	0.75~2.2	1~3	50	2"
	3	380	0.75~15	1~20		
PSS-14 Series	1	220	1.5~2.2	2~3		
	3	380	1.5~7.5	2~10		

※ Please contact sales team for specific model selection

Submersible Borehole

PSB Series

Plastic Impeller



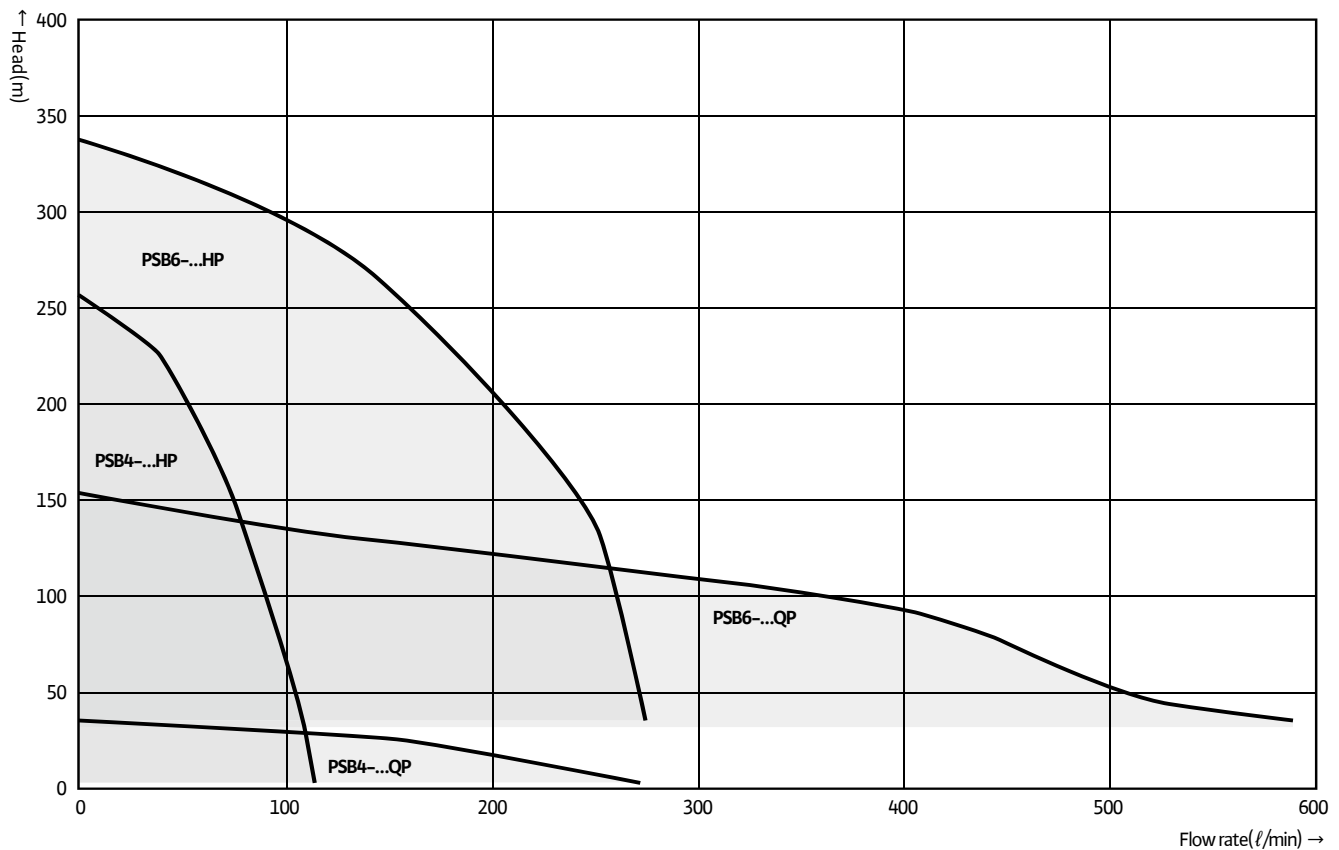
Features

- Engineering plastic impeller
- High performance and efficiency
- Easy installation and maintenance
- Easy replacement of existing pump

Application

- Underground water supply and boosting
- Industrial water supply
- Agricultural irrigation and other facilities
- Potable water supply
- Emergency, firefighting and sprinkler use

Performance Curve



PU Series

Agricultural/Industrial



PU-400E



PU-750E



PU-1500E

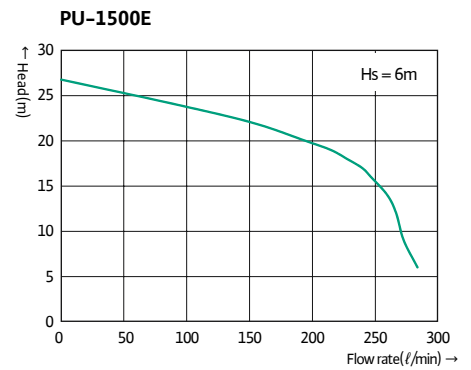
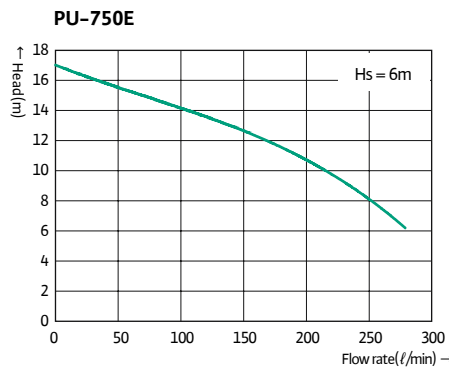
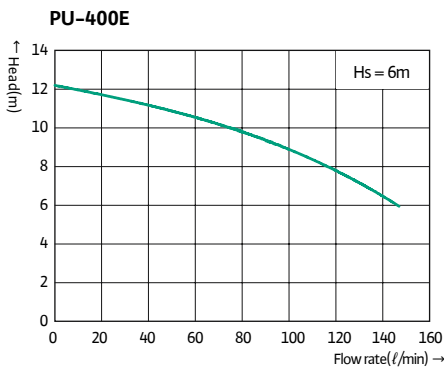
Features

- Self priming
- High cooling efficiency and protecting motor thanks to enclosed motor

Application

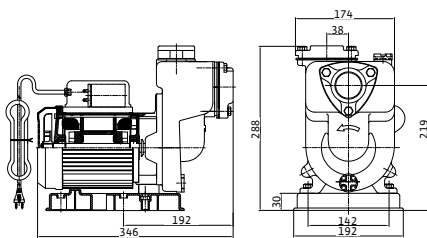
- Agricultural
- Greenhouse, flower garden
- Water transfer for agriculture and industry

Performance Curve

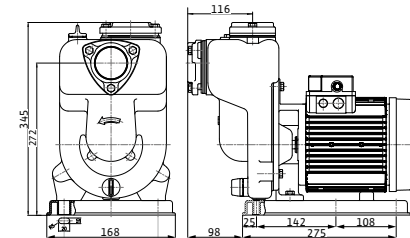


Dimension Drawing

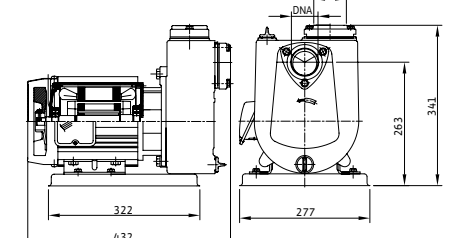
PU-400E



PU-750E



PU-1500E



unit : mm

Technical Data						
Model	Power Source	Output (W)	Max. Head (m)	Max. Suction Head (m)	Rated Flow (l/min)	Max. Inlet Pressure (bar)
PU-400E	Single phase 220V, 50Hz	400	9	6	110(Ht=7m)	1
PU-750E		750	15	6	210(Ht=10m)	1
PU-1500E		1500	21	6	240(Ht=9m)	1

Agricultural/Industrial (Seawater)

PU-S Series

Agricultural/Industrial (Seawater)



PU-S400E



PU-S750E

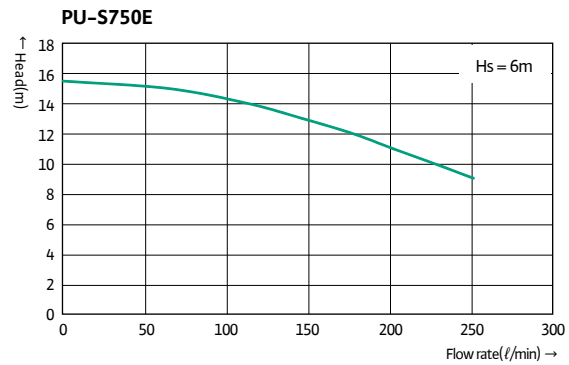
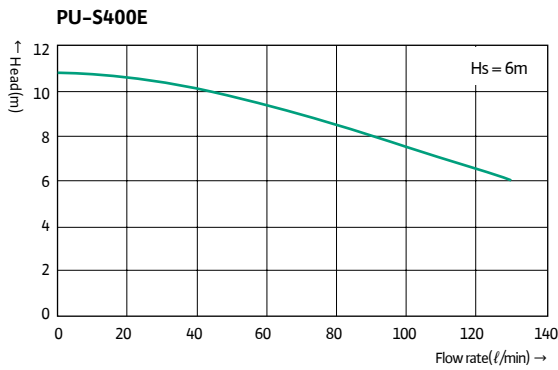
Features

- Optimized for seawater application
- Lightweight
- Portable by lifting handle (PU-S400E only)
- Corrosion resistance thanks to stainless steel and engineering plastic for all wetted part
- Protecting environment thanks to corrosion resistance

Application

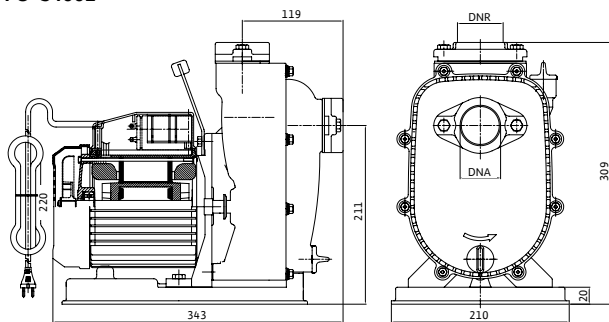
- Seawater

Performance Curve

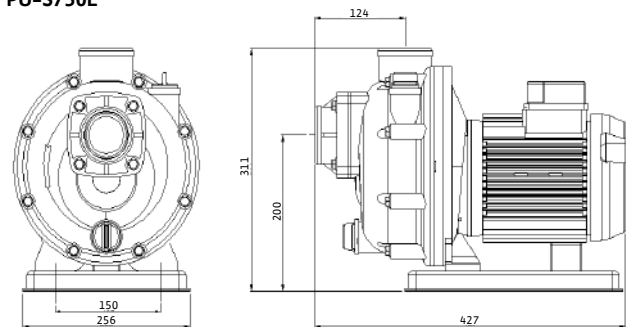


Dimension Drawing

PU-S400E



PU-S750E



unit : mm

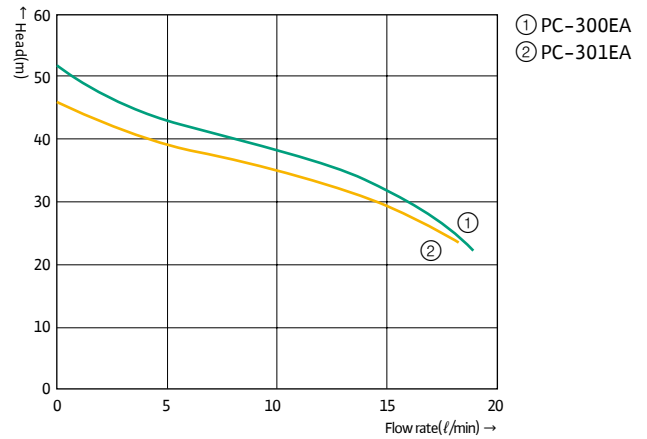
Technical Data

Model	Power Source	Output (W)	Max. Head (m)	Max. Suction Head (m)	Rated Flow (l/min)	Flange Size (mm, inch)	Max. Inlet Pressure (bar)
PU-S400E	Single phase 220V 50Hz	400	9	6	110(Ht=7m)	40 (1 1/2")	1
PU-S750E		750	15	6	210(Ht=10m)	50 (2")	1



PC-300EA, 301EA

Performance Curve



Features

- Self-priming & automatic operation
- Safety design for motor
 - Built with Thermal Protector (T.P)
- Sanitary normal tank coated with anti-rust paint
- No need to install a foot valve at the end of suction pipe

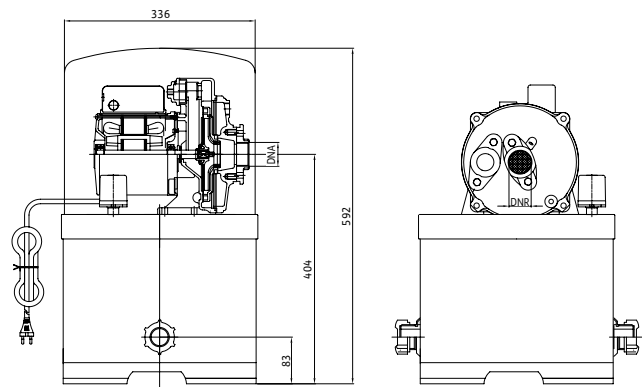
Application

- Draw water with a jet as deep as 24m from the ground surface
- Water supply for household usage

Dimension Drawing

PC-300EA,301EA

unit : mm



Technical Data							
Model	Power Source	Output (W)	Max. Head (m)	Max. Suction Head (m)	Rated Flow (l/min)	Flange Size (mm, inch)	Max. working Pressure (bar)
PC-300EA (Double jet included)	Single phase 220V 50Hz	300	45	24	16 (Ht=36m)	32 (1 1/4")	5
PC-301EA (Single jet included)		300	45	18	12 (Ht=30m)	32 (1 1/4")	5



PH-045E, 046E

Features

- Long life cycle thanks to low motor temperature
- Aluminum motor frame applied : low weight & compact design

Application

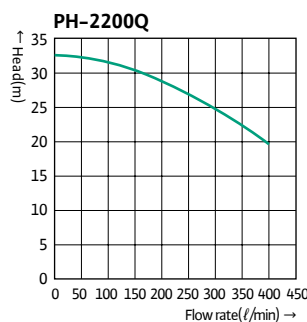
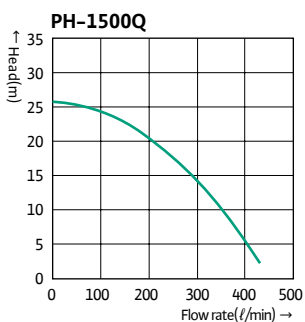
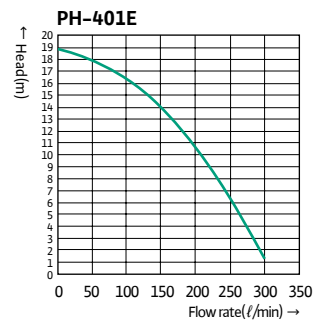
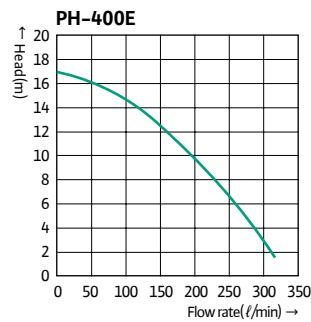
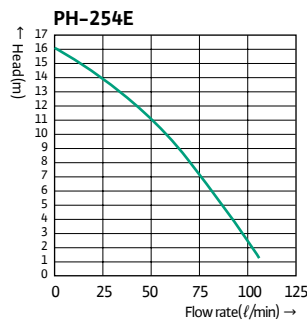
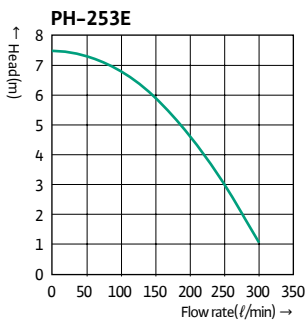
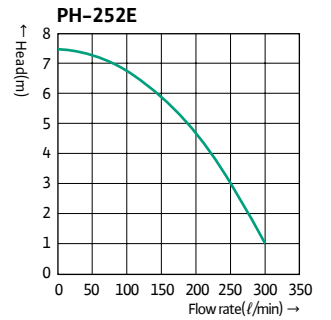
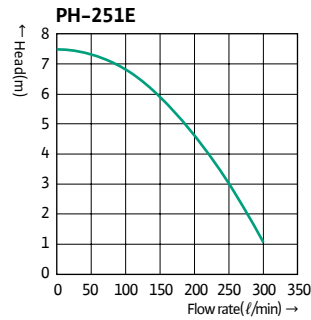
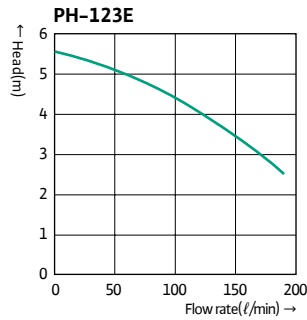
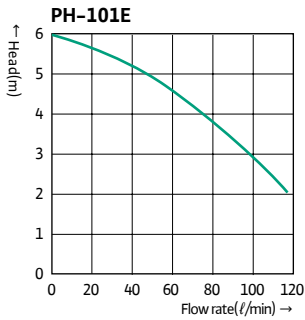
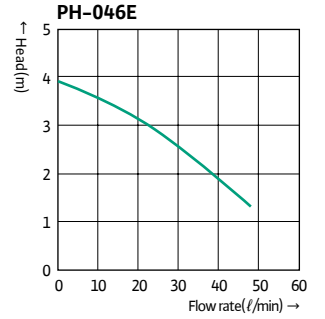
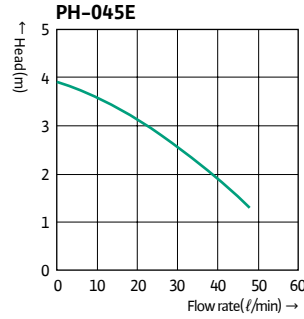
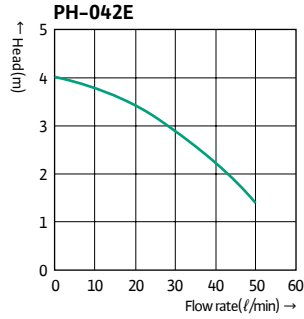
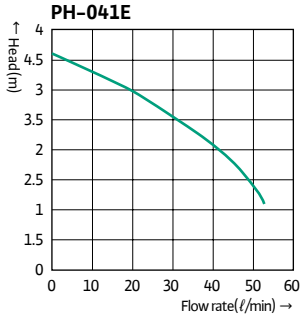
- Hot water circulation

Technical Data

Model	Power Source	Output (W)	Max. Head (m)	Rated Flow (l/min)	Max. Inlet Pressure (bar)	Max. Working Pressure (bar)	Flange Size (mm, inch)
PH-041E (steel plate motor housing)	Single phase 220V 50Hz	40	3.5	35 (Ht=2m)	-	1	25 (1")
PH-042E (steel plate motor housing)		40	3.5	35 (Ht=2m)	-	1	32 (1 1/4")
PH-045E (ALDC motor housing)		40	3.5	35 (Ht=2m)	-	1	25 (1")
PH-046E (ALDC motor housing)		40	3.5	35 (Ht=2m)	-	1	32 (1 1/4")
PH-101E		100	4.5	85 (Ht=3m)	1	4	40 (1 1/2")
PH-123E		125	5	150 (Ht=3m)	1	4	50 (2")
PH-251E		250	7.5	170 (Ht=5m)	1	4	65 (2 1/2")
PH-252E		250	7.5	170 (Ht=5m)	1	4	80 (3")
PH-253E		250	7.5	170 (Ht=5m)	1	4	50 (2")
PH-254E		250	15	60 (Ht=8m)	1	4	40 (1 1/2")
PH-400E		400	15.5	180 (Ht=10m)	1	4	80 (3")
PH-401E		400	19	150 (Ht=11m)	1	4	50 (2")
PH-1500Q	Three phase 380V 50Hz	1500	25	250 (Ht=15m)	1	5	40 (1 1/2")
PH-2200Q		2200	30	300 (Ht=20m)	1	5	40 (1 1/2")

PH Series Hot Water Circulation

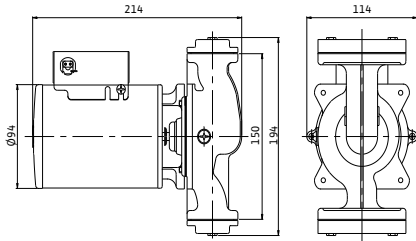
Performance Curve



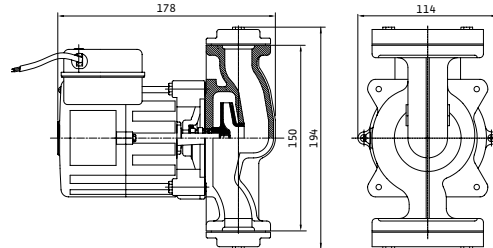
Dimension Drawing

unit : mm

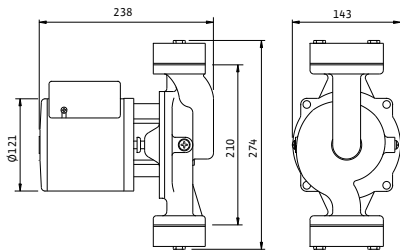
PH-041E, 042E



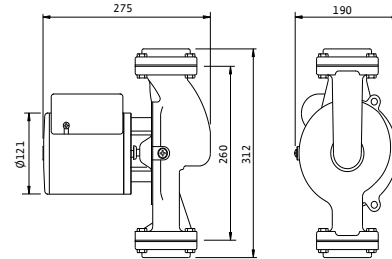
PH-045E, 046E



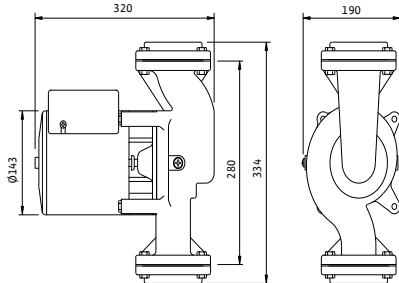
PH-101E



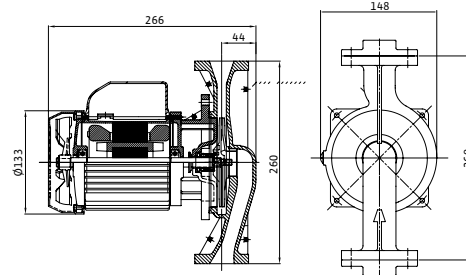
PH-123E



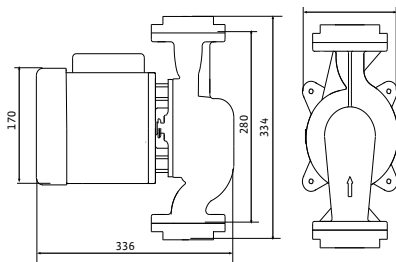
PH-251E, 252E, 253E



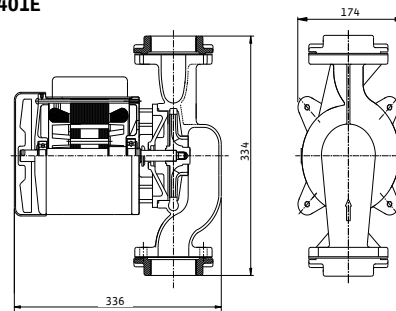
PH-254E



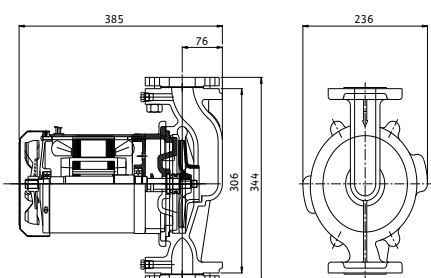
PH-400E



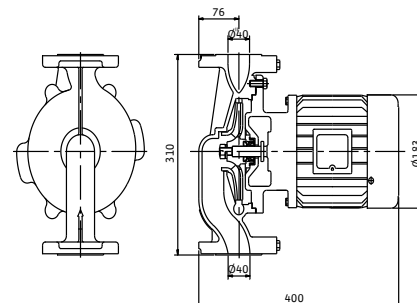
PH-401E



PH-1500Q



PH-2200Q



PM Series

Small/Medium Size Magnet Pump



PM Series (small size)



PM Series (medium size)

Application

Wetted Part in Noryl

→ PM-051NE

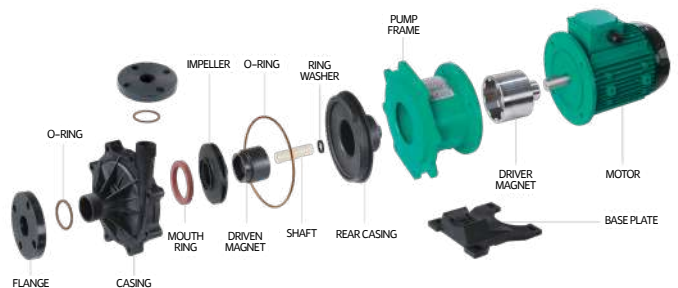
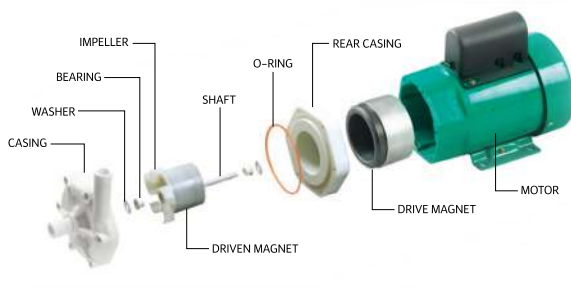
- Hot water circulation
- Hot water supplying for solar system or heat tank
- General water circulation

Wetted Part in PP (PolyPropylene) Product

→ PM-030PE, 052PE, 101PE, 150PE, 250PES/PEH, 300PES/PEH, PM-403PG/FG, 753PG/FG, 1503PG/FG, 2203PG/FG, 3703PG/FG

- Corrosive chemical solutions, acids and alkalis
- Photograph developing solutions, fixers, bleaching solutions and inks
- Etching apparatus for electronic parts, and photochemical processes
- Dyeing equipment and waste liquid treating units

Features



- **Anti-leakage**

Driven by magnet (without any seal).

- **Chemical Resistance and Reliability**

Highly chemical resistant polypropylene, fluor rubber and ceramics are standard materials for wetted parts. This offers a wide range of pump applications.

- **High Efficiency with Compact Size**

Logically designed to compact sizes to offer exceptionally high efficiency. Ideally suited for building into various kinds of apparatus and machinery.

- **Pumping Hot Water (PM-051NE)**

Designed to deliver hot water up to 90°C thanks to noryl plastic parts.

- **Easy Maintenance**

Simple design coupled with the absence of any sealing parts for easy maintenance and inspection.

Technical Data

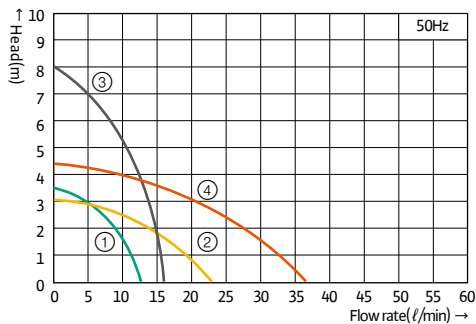
	Model	Power source	Output (W)	Input (W)	Max. Head (m)	Max. Flow (ℓ/min)	Rated flow (ℓ/min)	Connection Dia. (mm)	Max. Fluid Temperature (°C)	Main material
Small size pumps (50Hz)	PM-015NE	1∅ 220V 50Hz	15	30	3.5	12	7(Ht=2.5m)	14 Hose	90°C	NORYL
	PM-030PE		30	40	2.5	22	15(Ht=1.5m)	17 Hose	60°C	P.P
	PM-051NE		50	95	8	15	11(Ht=4m)	19 Hose	90°C	NORYL
	PM-052PE				4	35	25(Ht=2.5m)	20 Hose		
	PM-101PE		100	150	4.5	50	20(Ht=4m)	20 Hose	60°C	P.P
	PM-150PE				150	230	5.5			
	PM-250PES		250	350	6	90	50(Ht=4m)	25(1")Screw	60°C	P.P
	PM-250PEH							26 Hose		
	PM-300PES		300	390	7.5	95	65(Ht=4m)	25(1")Screw	60°C	P.P
	PM-300PEH							26 Hose		
Medium size pumps (50Hz)	PM-403PG	3∅ 220/ 380V 50Hz	320	380	10	250	150(Ht=7m)	Suction flange : 40(1 1/2") Discharge flange : 40(1 1/2")	P.P : 60°C	P.P
	PM-403FG									PVDF
	PM-753PG		630	760	16	300	180(Ht=10m)	Suction flange : 40(1 1/2") Discharge flange : 40(1 1/2")	P.P : 60°C	P.P
	PM-753FG									PVDF
	PM-1503PG		1,300	1,550	22	370	250(Ht=15m)	Suction flange : 50(2") Discharge flange : 40(1 1/2")	P.VDF : 80°C	P.P
	PM-1503FG									PVDF
	PM-2203PG		1,500	1,700	23	420	250(Ht=18m)	Suction flange : 50(2") Discharge flange : 40(1 1/2")	P.VDF : 80°C	P.P
	PM-2203FG									PVDF
	PM-3703PG		2,500	2,900	24	550	300(Ht=20m)	Suction/Discharge flange: 50(2")	P.VDF : 80°C	P.P
	PM-3703FG									PVDF

※ Note : performances above are driven by the terms of clean water and room temperature.

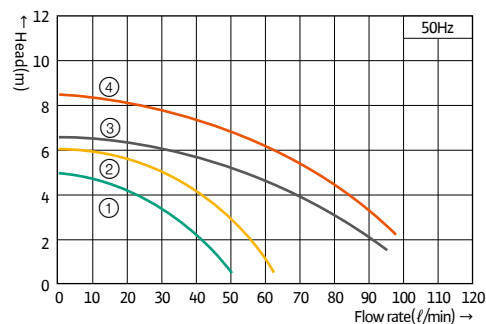
Therefore, performances could be changed by conditions such as environmental temperature, fluid viscosity and specific gravity.

※ Note: PM-403FG/PM-753P(F)G/PM-1503P(F)G/PM-2203P(F)G/PM-3703P(F)G models are classified as Strategic Materials, which are highly restricted for exports, thus a prior inquiry is appreciated before giving us an order.

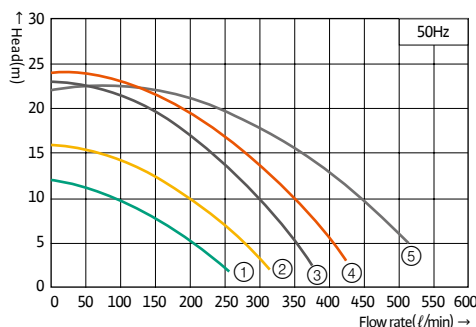
Performance Curve



- ① PM-015NE
- ② PM-030PE
- ③ PM-051NE
- ④ PM-052PE



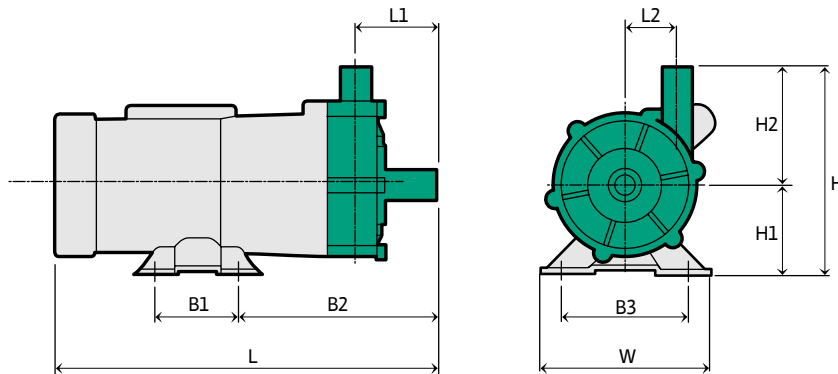
- ① PM-101PE
- ② PM-150PE
- ③ PM-250PES/PEH
- ④ PM-300PES/PEH



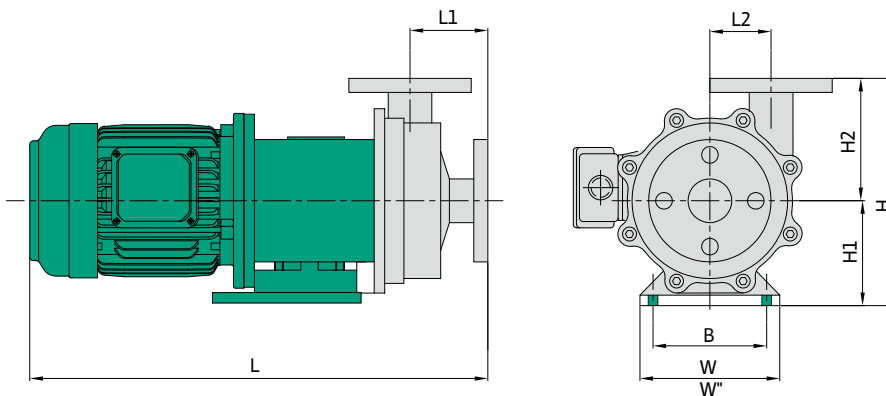
- ① PM-403PG
- ② PM-753PG
- ③ PM-1503PG
- ④ PM-2203PG
- ⑤ PM-3703PG

PM Series

Small/Medium Size Magnet Pump



Model	Dimension(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/NIH	166	71	95	373	73	47	90	219	99	144	10
PM-250PES/PEH											
PM-300PMS/PMH/PIH/PIS/PES/PEH	171	71	100	363	65	44	90	211	99	144	11
PM-300PES/PEH											



Model	Dimension(mm)									Weight (kg)
	H	H1	H2	L	L1	L2	B	W	W'	
PM-403PI/PN	235	110	125	470	86	52	110	140	269	20
PM-403FI/FN										
PM-555PI	225	95	130	410	88	55	110	140	215	14.5
PM-753PI/PN										
PM-753FI/FN	255	115	140	525	90	66	130	160	280	30.5
PM-755PI										
PM-1503PI/PN	275	115	160	620	100	66	210	260	293	40
PM-1503FI/FN										
PM-1505PI	280	120	160	490	89	83	208	260	210	30.5
PM-2203PI/PN	275	115	160	620	100	66	210	260	293	42.5
PM-2203FI/FN										
PM-2205PI	280	120	160	590	89	83	208	260	210	40
PM-3703PI/PN	315	165	150	685	100	66	200	240	331	70
PM-3703FI/FN										



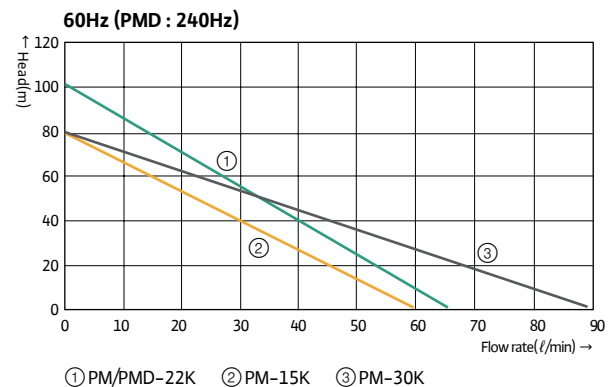
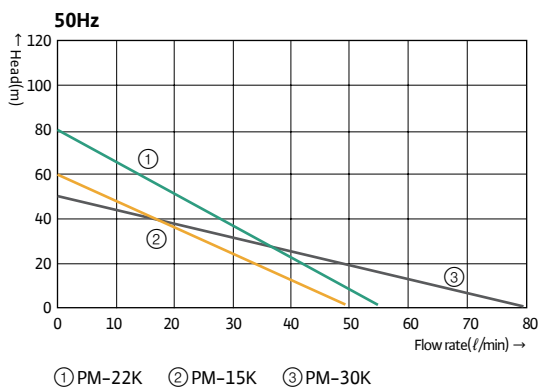
Application

- General industrial applications
- Cold & hot water circulation
- Major components for machineries
- Chemical transportation
- Chiller or semi-conductor/LCD manufacturing process

Features

- Excellence on durability and chemical-resistance
- High-performance & efficiency with compact size and high-efficient motor
- Strong heat-resistance
- Easy maintenance

Performance Curve



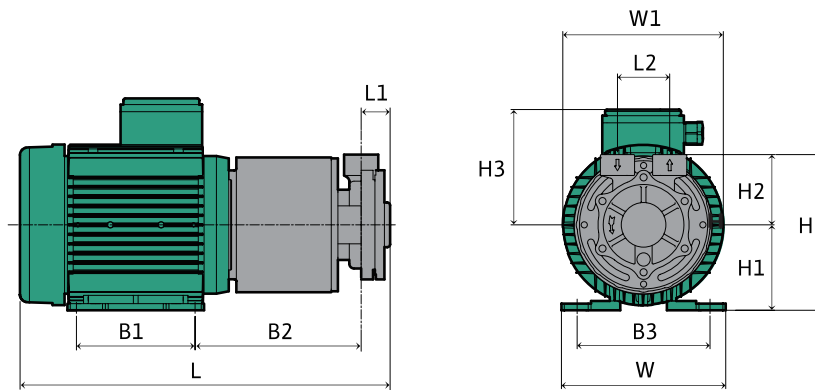
Technical Data

Model	Power Source	Output (W)	Max. Head (m)	Max. Flow Rate (ℓ/min)	Connection pipe (inch)	Fluid Temperature (°C)	Main Material
PM-15KSI	3~ 220/380V 50/60Hz	1500	80	60	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-15KSI/P	3~ 220/380V 50/60Hz	1500	80	60	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-15KSI/L	3~ 220/380V 50/60Hz	1500	80	60	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-22KSI	3~ 220/380V 50/60Hz	2200	100	65	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-22KSI/P	3~ 220/380V 50/60Hz	2200	100	65	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-22KSI/L	3~ 220/380V 50/60Hz	2200	100	65	NPT 3/4"	-20~130 (option: ~200)	STS316
PM-30KSI	3~ 220/380V 50/60Hz	2800	80	90	NPT 3/4"	-20~130 (option: ~200)	STS316
PMD-22KSI	3~ 220V 240Hz	2200	100	65	NPT 3/4"	-20~130 (option: ~200)	STS316

※ Note : performances, above, are driven by the terms of clean water and room temperature. Therefore, performances could be changeable by condition such as environmental temperature, fluid viscosity and specific gravity.

PM-STC Series

Stainless Steel Magnet Pump



Model	Dimension (mm)												Weight (kg)
	H	H1	H2	H3	L	L1	L2	W	W1	B1	B2	B3	
PM-15KSI	164	90	74	121.5	390	30.5	55	170	170	125	175	140	24.5
PM-15KSI/P	164	90	74	121.7	406.2	30.5	55	172	170	125	191.2	140	24.5
PM-15KSI/L	166.5	92.5	74	128.6	432.6	30.5	55	159.5	178.6	85	208	140	23.5
PM-22KSI	164	90	74	121.7	406.2	30.5	55	172	170	125	191.2	140	24.5
PM-22KSI/P	166.5	92.5	74	128.6	432.6	30.5	55	159.5	178.6	85	208	140	24.5
PM-22KSI/L	166.5	92.5	74	128.6	432.6	30.5	55	159.5	178.6	85	208	140	23.5
PM-30KSI	166.5	92.5	74	128.6	432.6	30.5	55	159.5	178.6	85	208	140	25
PMD-22KSI	164	90	74	99	364.7	30.5	55	130	156	-	186	103	19

Sustainability

An aerial photograph of a city skyline, likely Chicago, featuring numerous skyscrapers and a large green park area in the foreground. The sky is filled with dramatic, grey clouds, with sunlight breaking through in the upper right corner. The park area is lush with green trees and a winding path.

Our Sustainability Strategy.

Sustainability is not just a goal for Wilo,
it's in the DNA.



CREATING

We offer sustainable solutions.

Wilo technology moves water – highly efficient, reliable, sustainable. With innovative system solutions and services, we improve the quality of life of people all over the world.



CARING

We are a responsible company.

Integrity, fairness, respect, passion and responsibility are the irrefutable values that Wilo works and lives by.



CONNECTING

We live strong partnerships.

The global challenges of our time can only be overcome together. We maintain a strong network of partners around the world and take responsibility for a more sustainable future.

Pioneering for You

wilo

WILO SE

Wilopark 1
D-44263 Dortmund Germany
www.wilo.com

WILO Pump Ltd.

46, Mieumsandan 1-ro, Gangseo-gu,
Busan, Republic of Korea
wilo.com/kr/ko/