

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





PH-045E, 046E

Features

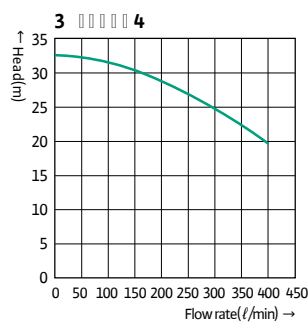
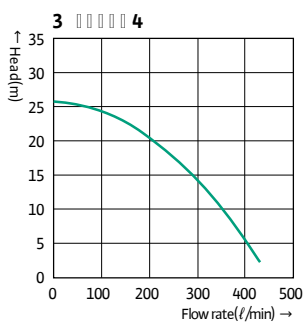
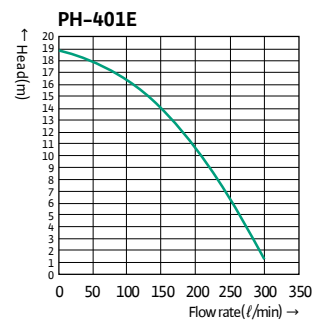
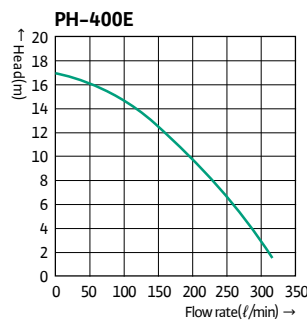
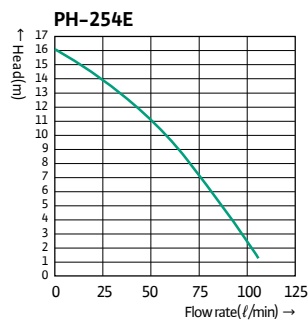
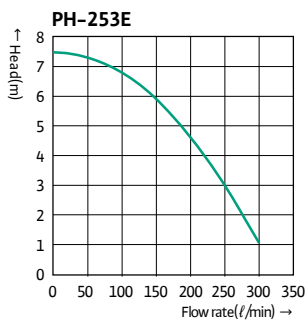
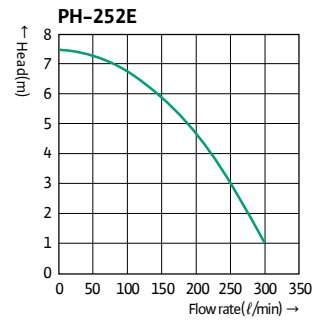
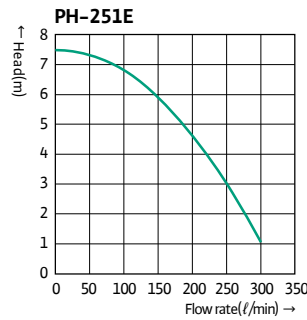
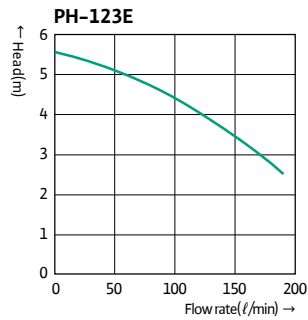
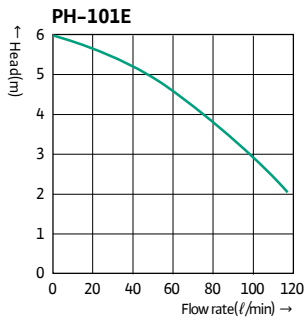
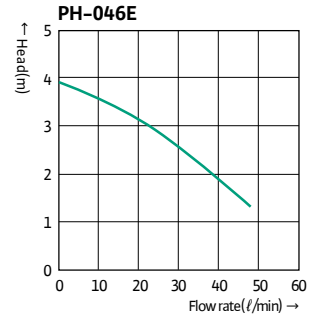
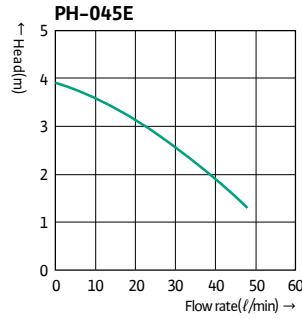
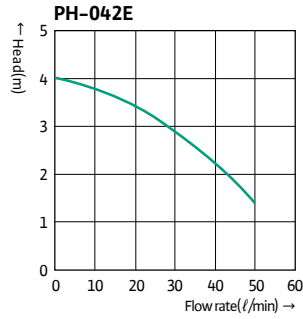
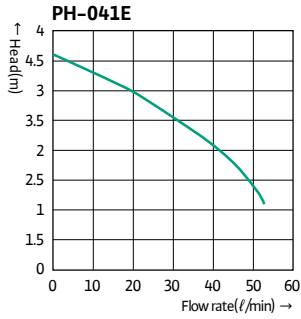
- Long life cycle thanks to low motor temperature
- Aluminum motor frame applied : low weight & compact design

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")

Performance Curve



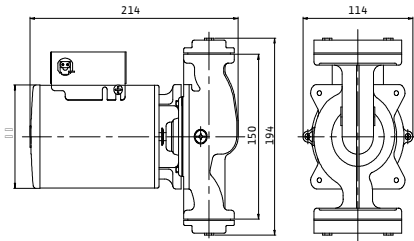
PH Series

Hot Water Circulation

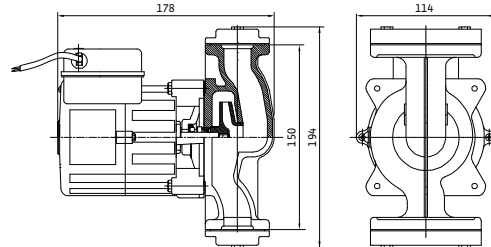
Dimension Drawing

unit : mm

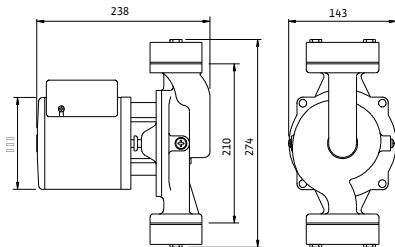
PH-041E, 042E



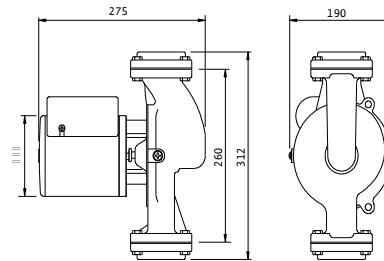
PH-045E, 046E



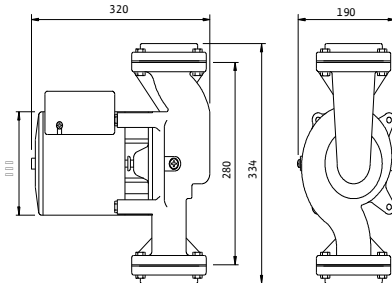
PH-101E



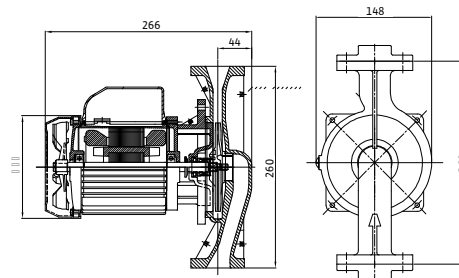
PH-123E



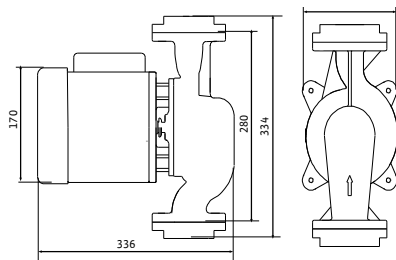
PH-251E, 252E, 253E



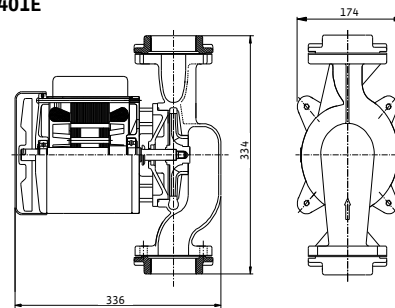
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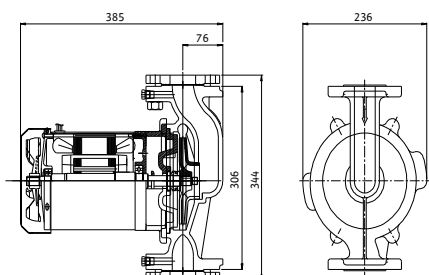
PH-400E



PH-401E



3 **4**



3 **4**

