



### Pressure Boosting Pumps without pressure tanks

PW-081E/121E/175E/251E/375E/401E/1500E/1500G

**Feature:**  
Easy Maintenance  
Self Priming

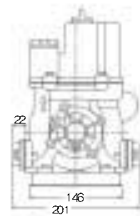
**Application:**  
Houses, General Water supply by high pressure

#### Specification

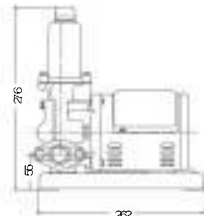
Model	Power Source		Power (kW)		Head (m)			Rated Flow rate		Max. Flow rate		Weight (kg)	
	Voltage(V)	Frequency(Hz)	Input(p1)	Output(p2)	Total Head	Suction Head	Discharge Head	l/min	At Ht	l/min	m <sup>3</sup> /hr	Net	Gross
PW-081E	220	50	0.24	0.08	18	8	10	15	9.0	20	1.2	10.0	10.6
PW-121E	220	50	0.32	0.13	24	8	16	22	9.0	25	1.5	10.0	12.0
PW-175E	220	50	0.35	0.13	26	8	18	30	1.0	30	1.8	6.2	7.0
PW-251E	220	50	0.60	0.25	32	8	24	34	9.0	40	2.4	18.8	19.5
PW-401E	220	50	1.00	0.40	36	8	28	45	9.0	60	3.6	21.0	22.0
PW-1500E	220	50	1.80	1.50	58	8	50	40	42.0	60	3.6	35.0	36.0
PW-1500G	3φ220/280	50	1.80	1.50	58	8	50	40	42.0	60	3.6	35.0	36.0

#### Outline Drawing

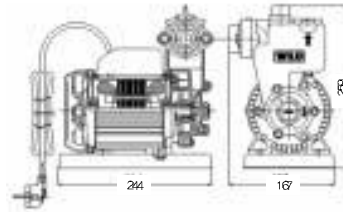
PW-081E



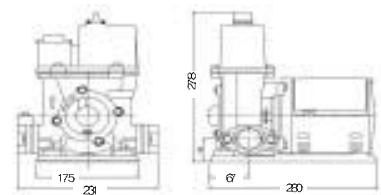
PW-121E



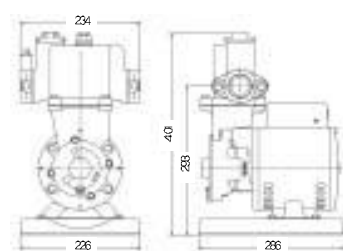
PW-175E



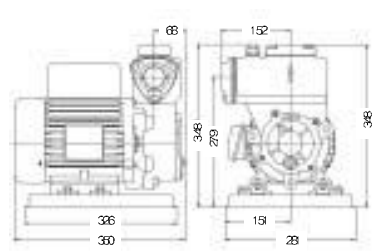
PW-251E



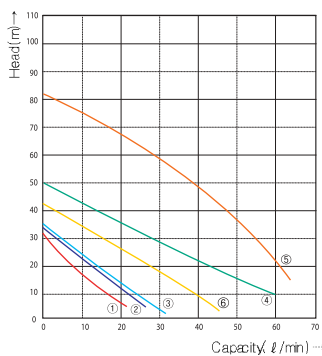
PW-401E



PW-1500E/1500G



#### Performance Curve



- ① PW-081E    ② PW-121E    ③ PW-175E
- ④ PW-401E    ⑤ PW-1500E/G    ⑥ PW-251E

# Wilo Pumps Korea Products Ranges



Type	Model	Power Source		Power (kW)		Head (m)			Rated Flow rate		Max. Flow rate		Condition			Piping(mm/inch)		Size(m)			Weight (kg)		Q'ty(pcs)			
		Voltage(V)	Frequen(Hz)	Input(p1)	Output(p2)	Total Head	Suction Head	Discharge Head	ℓ/min	At Hr	ℓ/min	m <sup>3</sup> /hr	Max.Tem	Max.Pess	IP Class	Inlet	Outlet	Length	Width	Haight	Net	Gross	Palette	20T+CT	40T+CT	
Pressure Boosting/Automatic	Flow Sensor control	PB-088EA	220	50	0.14	0.07	8	0	8	35	0.5	35	2.1	80	3.0	IP44	15	15	0.170	0.180	0.125	3.5	4.0	216	4,320	5,400
		PB-200EA	220	50	0.34	0.20	15	0	15	50	0.5	50	3.0	80	5.0	IP44	15	15	0.250	0.230	0.210	7.5	8.0	48	960	1,920
		PB-201EA	220	50	0.34	0.20	15	0	15	65	0.5	65	3.9	80	5.0	IP44	25	25	0.250	0.250	0.210	7.5	8.0	48	960	1,920
		PB-400EA	220	50	0.55	0.40	20	0	20	75	0.5	75	4.5	80	5.0	IP44	32	32	0.280	0.280	0.250	12.5	13.0	36	720	1,440
		PB-S125EA	220	50	0.23	0.13	11	0	11	42	0.5	42	2.5	80	4.0	IPX4	20	20	0.220	0.210	0.140	4.5	5.0	125	2,500	5,000
	Inverter control	PB-250SEA	220	50	0.41	0.20	11	3	8	35	12.0	65	3.9	60	5.0	IP44	25	25	0.430	0.420	0.300	9.5	10.0	36	648	1,296
		PB-401SEA	220	50	0.50	0.40	14	3	11	45	12.0	65	3.9	60	5.0	IP44	32	32	0.430	0.420	0.300	14.5	15.0	36	648	1,296
		PWS-200SEA	220	50	0.40	0.20	14	3	11	18	12.0	30	1.8	40	4.0	IP44	25	25	0.32	0.240	0.390	12.0	13.0	36	360	720
		MHIKE-203A	220/230	50/60	0.92	0.75	47	0	47	33	36.0	100	6.0	80	10.0	IP44	25	25	0.460	0.310	0.570	18.0	19.0		180	360
		MHIKE-205A	220/230	50/60	1.55	1.10	80	0	80	33	60.0	100	6.0	80	10.0	IP44	25	25	0.460	0.310	0.570	18.0	19.0		180	360
		MHIKE-402A	220/230	50/60	0.92	0.75	30	0	30	67	22.0	150	9.0	80	10.0	IP44	30	25	0.460	0.310	0.570	19.0	20.0		180	360
		MHIKE-403A	220/230	50/60	1.55	1.10	46	0	46	66	35.0	150	9.0	80	10.0	IP44	30	25	0.460	0.310	0.570	21.0	22.0		180	360
		MHIKE-404A	220/230	50/60	2.17	1.50	62	0	62	67	42.0	150	9.0	80	10.0	IP44	30	25	0.460	0.310	0.570	23.0	24.0		180	360
		MHIKE-405A	220/230	50/60	2.38	1.85	80	0	80	67	60.0	150	9.0	80	10.0	IP44	30	25	0.460	0.310	0.570	22.0	23.0		180	360
		MHIKE-802A	220/230	50/60	2.17	1.50	30	0	30	133	22.0	267	16.0	80	10.0	IP44	40	30	0.460	0.310	0.570	24.0	25.0		180	360
MHIKE-803A	220/230	50/60	2.38	1.85	48	0	48	133	35.0	267	16.0	80	10.0	IP44	40	30	0.460	0.310	0.570	24.0	25.0		180	360		
MHIKE-D404A	220/230	50/60	2.17X2	1.5X2	62	0	62	134	45.0	334	20.0	80	10.0	IP44	50	50	0.680	0.760	0.680	51.0	55.0		28	56		
MHIKE-D802A	220/230	50/60	2.17X2	1.5X2	30	0	30	268	22.0	600	36.0	80	10.0	IP44	65	65	0.680	0.760	0.680	54.0	58.0		28	56		
MHIKE-D405A	220/230	50/60	2.38X2	1.85X2	80	0	80	134	60.0	334	20.0	80	10.0	IP44	50	50	0.680	0.760	0.680	64.0	68.0		28	56		
MHIKE-D803A	220/230	50/60	2.38X2	1.85X2	48	0	48	268	35.0	600	36.0	80	10.0	IP44	65	65	0.680	0.760	0.680	67.0	71.0		28	56		
PUI-S991A	220/230	50/60	1.80	1.50	31	6	25	300	0.0	300	18.0	80	4.0	IP44	40	30	0.480	0.300	0.520	230	24.0		180	360		
Multi-Purpose	Pressure switch control	PW-082EA	220	50	0.24	0.08	15	8	7	15	9.0	20	1.2	40	3.0	IP22	20	20	0.310	0.265	0.325	11.0	12.0	48	960	1,680
		PW-100EA	220	50	0.31	0.10	18	8	10	19	9.0	25	1.5	40	4.0	IP22	20	20	0.335	0.335	0.495	14.5	15.0	27	270	540
		PW-111EA	220	50	0.31	0.12	18	8	10	19	9.0	25	1.5	40	4.0	IP22	20	20	0.335	0.335	0.495	15.0	16.0	27	270	540
		PW-115EA	220	50	0.31	0.12	18	8	10	19	9.0	25	1.5	40	4.0	IP22	20	20	0.335	0.335	0.495	15.0	16.0	27	270	540
		PW-122EA	220	50	0.32	0.13	18	8	10	22	9.0	25	1.5	40	4.0	IP22	20	20	0.320	0.270	0.320	13.0	14.0	36	720	1,440
		PW-150EA	220	50	0.35	0.15	19	8	11	23	9.0	25	1.5	40	4.0	IP22	20	20	0.370	0.370	0.540	20.0	21.0	27	270	486
		PW-151EA	220	50	0.35	0.15	19	8	11	23	9.0	25	1.5	40	4.0	IP22	25	25	0.370	0.370	0.540	19.0	20.0	27	270	486
		PW-175EA	220	50	0.35	0.13	19	8	11	30	1.0	30	1.8	40	4.0	IP44	25	25	0.320	0.255	0.310	8.0	9.0	36	720	1,440
		PW-250EA	220	50	0.60	0.25	24	8	16	35	9.0	40	2.4	40	5.0	IP22	25	25	0.433	0.433	0.615	28.0	30.0	12	120	216
		PW-251EA	220	50	0.60	0.25	24	8	16	35	9.0	40	2.4	40	5.0	IP22	25	25	0.433	0.433	0.605	29.0	30.0	12	120	216
	PW-252EA	220	50	0.60	0.25	24	8	16	34	9.0	40	2.4	40	5.0	IP22	25	25	0.405	0.360	0.390	22.0	23.6	18	180	360	
	PW-404EA	220	50	1.00	0.40	33	8	25	32	9.0	55	3.3	40	5.0	IP22	40	40	0.630	0.350	0.750	40.0	45.0	10	100	180	
	PW-1500EA	220	50	1.80	1.50	43	8	35	40	32.0	55	3.3	40	8.0	IP44	40	40	0.850	0.560	1.060	47.0	50.0		40	80	
	PU-460EA	220	50	1.00	0.40	11	5	6	110	12.0	150	9.0	40	5.0	IP22	40	40	0.650	0.420	0.730	37.5	39.0	5	50	100	
	High-Pressure	PW-081E	220	50	0.24	0.08	18	8	10	15	9.0	20	1.2	40	3.0	IP22	20	20	0.304	0.250	0.307	10.0	10.6	48	960	1,824
PW-121E		220	50	0.32	0.13	24	8	16	22	9.0	25	1.5	40	4.0	IP22	20	20	0.304	0.250	0.307	10.0	12.0	48	960	1,824	
PW-175E		220	50	0.35	0.13	26	8	18	30	1.0	30	1.8	40	4.0	IP44	25	25	0.245	0.190	0.265	6.2	7.0	72	1,440	2,880	
PW-251E		220	50	0.60	0.25	32	8	24	34	9.0	40	2.4	40	5.0	IP22	25	25	0.320	0.270	0.3350	18.8	19.5	36	720	1,080	
PW-401E		220	50	1.00	0.40	36	8	28	45	9.0	60	3.6	40	5.0	IP22	40	40	0.340	0.280	0.450	21.0	22.0	24	480	912	
PW-1500E		220	50	1.80	1.50	58	8	50	40	42.0	60	3.6	40	8.0	IP44	40	40	0.400	0.356	0.425	35.0	36.0	36	360	720	
PW-1500G		3-φ(220/380)	50	1.80	1.50	58	8	50	40	42.0	60	3.6	40	8.0	IP44	40	40	0.400	0.356	0.425	35.0	36.0	36	360	720	
PU-251E		220	50	0.60	0.25	9	6	3	110	7.0	140	8.4	40	3.0	IP22	40	40	0.410	0.270	0.60	15.0	16.0	2	20	640	
PU-400E		220	50	0.60	0.40	9	6	3	110	7.0	145	8.7	40	3.0	IP44	40	40	0.420	0.260	0.335	16.0	16.5	45	900	1,260	
PU-461E		220	50	0.90	0.50	14	6	8	200	8.0	230	13.8	40	3.0	IP22	50	50	0.440	0.280	0.400	30.0	30.0	32	320	640	
PU-462E	220	50	0.90	0.50	14	6	8	200	8.0	230	13.8	40	3.0	IP22	50	50	0.475	0.280	0.400	30.0	30.0	20	400	640		
Built in for machine	PU-1500E	220	50	1.80	1.50	21	6	15	240	9.0	270	16.2	40	3.0	IP44	50	50	0.520	0.356	0.390	40.0	43.5	24	240	480	
	PU-1500G	3-φ(220/380)	50	1.80	1.50	21	6	15	240	9.0	270	16.2	40	3.0	IP44	50	50	0.520	0.356	0.390	40.0	46.5	24	240	480	
	PWN-240E	220	50	0.35	0.24	24	0	24	23	0.0	23	1.4	40	5.0	IP22	15	15	0.255	0.225	0.240	8.0	9.0	64	1,270	2,304	
	PUN-250E	220	50	0.35	0.25	15	0	15	80	0.5	80	4.8	40	4.0	IP44	25	25	0.290	0.190	0.230	7.5	8.0	60	1,200	2,400	
	PUN-600E	220	50	0.95	0.60	25	0	25	115	0.5	115	6.9	40	4.0	IP44	25	25	0.330	0.230	0.270	12.8	13.3	36	720	1,440	
	PF-064E	220	50	0.10	0.60	4	1	3	26	0.5	26	1.6	40	1.0	IP22	16	16	0.360	0.224	0.252	4.5	5.0	36	720	1,440	
	PUF-750E	220	50	0.97	0.75	12	0	12	220	0.5	220	13.2	60	2.5	IP44	40	40	0.520	0.290	0.330	27.0	28.0	32	320	640	
	PUF-1500E	220	50	1.44	1.20	17	0	17	280	0.5	280	16.7	60	3.0	IP44	40	40	0.570	0.290	0.330	42.5	43.5	32	320	448	
	PUF-1500G	3-φ(220/380)	50	1.44	1.20	17	0	17	280	0.5	280	16.8	60	3.0	IP44	40	40	0.570	0.290	0.330	42.5	43.5	32	320	448	
	WP-4																									