



PEP

Peripheral Water Pumps

PEP is a centrifugal pump provided with a peripheral impeller that increases the pressure.

The PEP series can be used to pump clean water without any abrasive particles or any other liquid with similar chemical and physical properties to water. The PEP series is recommended for small residential water supply applications, small irrigation systems, air conditioning units, and small boosting systems.

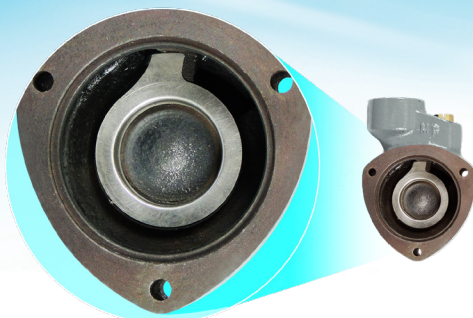
Pump features

- Cast iron pump body
- Motor bracket with antilock systems which prevents the pump from blocking after long periods of no usage
- Non blocking system in stainless steel
- Brass peripheral vane impeller
- Motor shaft in stainless steel AISI 304
- Maximum liquid temperature of 60°C
- Maximum suction lift of 8 m
- Mechanical seal in ceramic and graphite, with elastomer in NBR

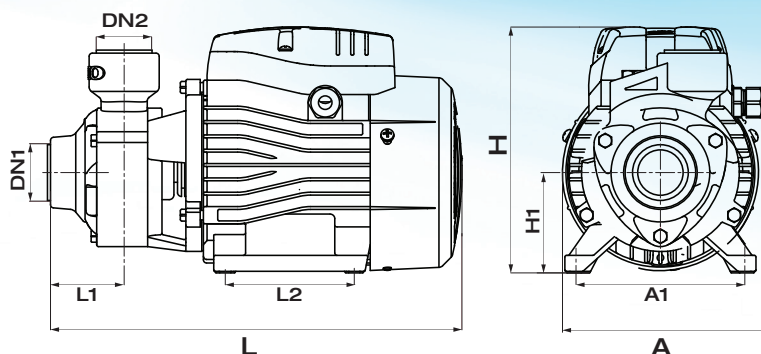


Motor Features

- Close-coupled TEFC motor with copper windings (Available with aluminum winding)
- Insulation class F
- IP 44 protection
- Maximum ambient temperature of 40°C
- Single phase, 60 Hz, 3450 rpm with thermal overload protection available in 110 V, 110/220 V, or 220 V
- Three phase, 60 Hz, 3450 rpm available in 220/440 V
- 50 Hz or other voltages available upon special request
- Continuous duty.

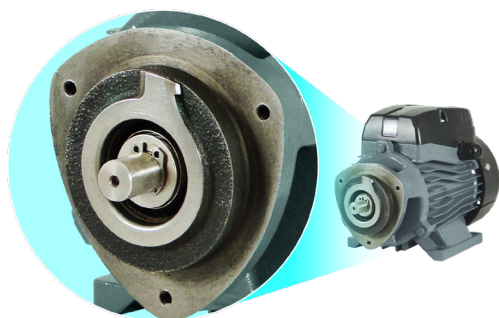


Double insert
Stainless Steel
Antilock technology



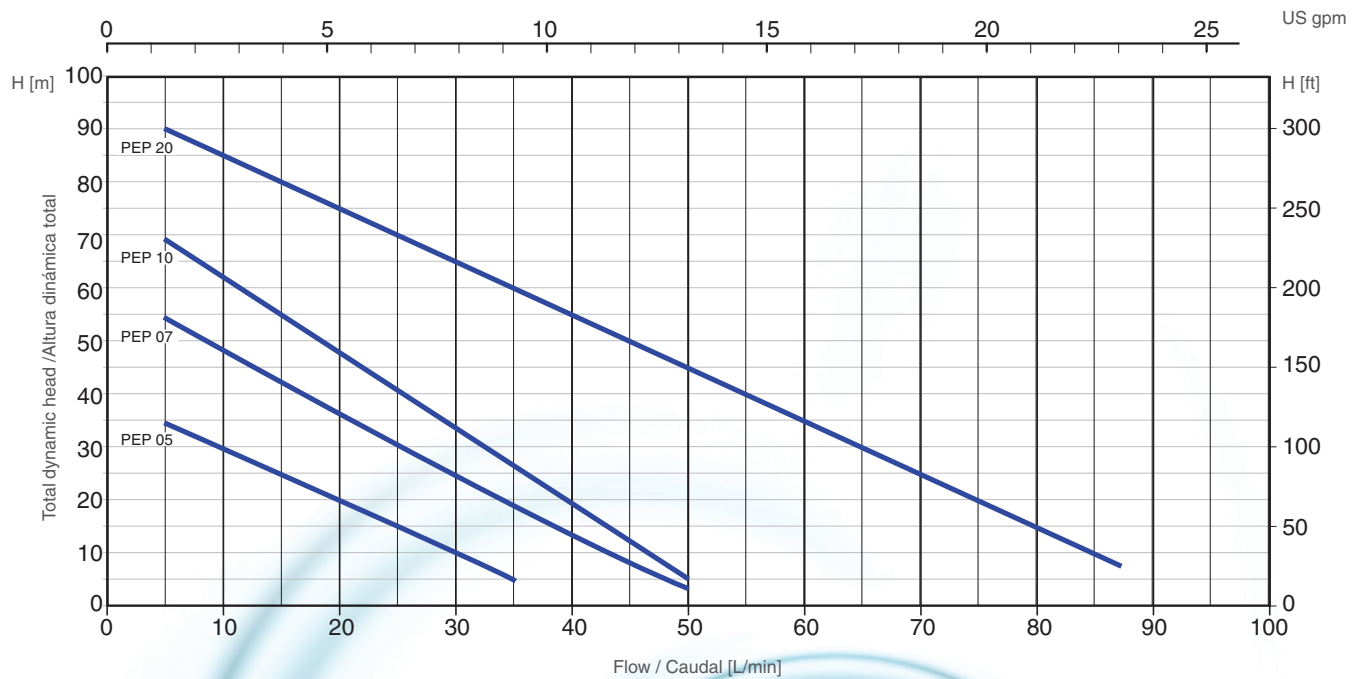
Pump dimensions

MODEL	DIMENSIONS								
	DN1	DN2	L [mm]	A [mm]	H [mm]	L1 [mm]	A1 [mm]	H1 [mm]	L2 [mm]
PEP 05	1"	1"	260	132	155	46.5	100	63	80
PEP 07	1"	1"	282	147	183	51	112	71	90
PEP 10	1"	1"	300	147	183	54.5	112	71	90
PEP 20	1"	1"	338	165	210	56	100	125	86



Above Ground Pumps PEP Series

Curve and Performance Data



Performance Data

MODEL	POWER		FLOW													
			m ³ /hr	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.2	4.8	
	kW	HP	l/min	0	5	10	15	20	25	30	35	40	50	60	70	80
TOTAL MANOMETRIC HEIGHT IN METERS																
PEP 05	0.37	0.5	40	35	30	25	20	15	10	5						
PEP 07	0.5	0.7	60	55	48	43	37	33	27	21	16	3				
PEP 10	0.75	1.0	75	70	63	55	48	42	34	27	20	5				
PEP 20	1.5	2.0	93	90	85	80	75	70	65	60	54	44	35	25	15	

Packaging Information

MODEL	DIMENSIONS			WEIGHT kg
	L [mm]	A [mm]	H [mm]	
PEP 05	268	140	165	6
PEP 07	325	185	210	9
PEP 10	345	180	210	11
PEP 20	360	210	250	16.5

