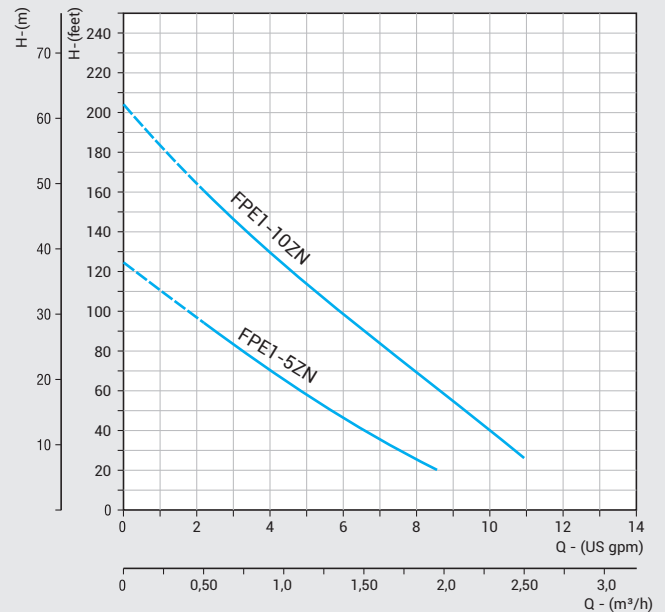


PERIPHERAL PUMPS (FPE SERIES)



PERFORMANCE CURVES



PERFORMANCE TABLE

PUMP MODEL	MOTOR POWER		NOMINAL PUMP SIZE (Suc x Del)	m³/h	Flow Rate (m³/h)						
	HP	kW			0	0,45	0,9	1,36	1,82	2,27	2,72
				US-gpm	0	2	4	6	8	10	12
FPE1-5ZN	0,5	0,37	1" x 1"	Total Head in feet	125	98	70	47	25	20 (8,5gpm)	
FPE1-10ZN	1,0	0,75	1" x 1"		203	165	130	99	70	40	27 (10,9gpm)

In view of continuous developments the information / performance / descriptions / specifications / Illustrations are subject to change without notice.

SPECIFICATIONS

Power Range	: 0,5 HP & 1 HP
Speed	: 3450 rpm
Versions	: 1Ph, 110/220V, 60Hz (Permanent split capacitor-PSC) Incorporated with Thermal overload Protector
Direction of Rotation	: Clockwise viewed from driving end
Type of Duty	: S1 (Continuous)
Degree of Protection	: IP 54
Class of Insulation	: 'B'
Suction & Delivery Size	: 1" x 1" BSP / NPT

PUMP OPERATING LIMITS

Maximum Suction Lift upto	: 26 ft / 8 m
Flow Rate upto	: 10,5 GPM / 2,4 m³/h
Maximum Head upto	: 203 ft / 62 m
Maximum Operating Pressure	: 87 PSI / 6 bar
Maximum Liquid Temperature	: 122°F / 50°C
Maximum Ambient Temperature	: 104°F / 40°C

MATERIALS OF CONSTRUCTION

Pump Casing	: Cast Iron with SS insert
Motor Frame	: Aluminium
Impeller	: Forged Brass
Pump Bracket	: Cast Iron
Shaft	: S.S. 304 + Carbon Steel #45
Water Filling Plug	: Brass
Mechanical Seal	: Carbon & Ceramic
'O' Ring Seals	: NBR

FEATURES

- Sturdy and compact
- Quiet and maintenance free
- Excellent hydraulic performance
- Good suction lift characteristics
- SS insert is provided in the pump casing
- Incorporated with thermal overload protector
- Dynamically balanced rotating parts.

APPLICATIONS

- Residential
- Gardens
- Washing Systems
- Pressure Boosting Unit
- Civil Applications.