

BZP / H-BZP

INTERNAL COMBUSTION PUMPS



IMAGE: BZP-10



IMAGE: BZP-20

Pumps mounted on a metal support frame. Used for draining and irrigation. The pumps are designed for pumping clean and dirty water with solids of a maximum size permissible in accordance with technical parameters. The pumps are an excellent solution for civil engineering, fire services and agriculture farms. The pumps with internal combustion engines are fully independent of the electricity network, therefore they are very popular among the customers. The set includes a metal frame holding the entire internal combustion system, i.e. a petrol engine, fuel tank and pump with inlets and outlets.

General purpose SAE 10W-30 oil should be used with the BZP pump motor;

Two types of hoses are required for the pump:

- The suction hose must be leak-proof along its entire length and should have a rigid braid to prevent it from sucking in / jamming during operation. The hose diameter must match the pump inlet diameter, the hose diameter must not be smaller. Mount a suction strainer with a non-return valve at the end of the suction hose.
- The discharge hose diameter should match the outlet diameter. Woven (fire) hoses can be used as discharge hoses.

PARAMETERS

Name	Engine type (strokes)	Engine rotational speed (rpm)	Fuel/oil tank capacity (L)	Fuel type	Power (HP)	Weight (kg)
BZP-10	2	6500	1,2	PB95	2	9
BZP-20	4	3600	3,6 / 0,6	PB95	6,5	23
BZP-30	4	3600	3,6 / 0,6	PB95	6,5	26
H-BZP-20	4	3600	3,6 / 0,6	PB95	6,5	28
H-BZP-30	4	3600	6,5 / 0,6	PB95	13	53

Name	Max. flow [l/min]	Max. head [m]	Max. suction depth [m]	Maximum liquid temperature (°C)	Maximum pressure	Inlet/outlet	Dimensions
BZP-10	200	33	7	35	3	1 x 1	340x250x340
BZP-20	600	30	7	35	3	2 x 2	510x390x465
BZP-30	1000	30	7	35	3	3 x 3	510x390x465
H-BZP-20	600	70	7	35	7	2 x 2	510x390x465
H-BZP-30	700	95	7	35	9,5	3 x 3	530x410x470