

**Pearl**<sup>®</sup>  
*Water Systems*

4" bottom suction effluent water pump



**MINISUB**



## 4" bottom suction effluent water pump

The bottom suction submersible pump MINISUB is a pump designed for various applications in agricultural and residential markets. This pump, with the suction located at the bottom part, can be used for water distribution and can be installed in any type of cistern. Given the characteristics of their design and construction is suitable for handling clean water and treated effluent.

The suction at the bottom guarantees the quiet operation of the pump, motor cooling efficiency and the not required use of an external sleeve for cooling. The pumped liquid is circulated through the sleeve of the motor, ensuring optimum operating temperature and reducing the noise.

### Performance Range

- Flow from 2.5 GPM to 28 GPM.
- Head up to 203 ft.
- Minimum admissible ambient temperature: + 5 ° C.

### Features

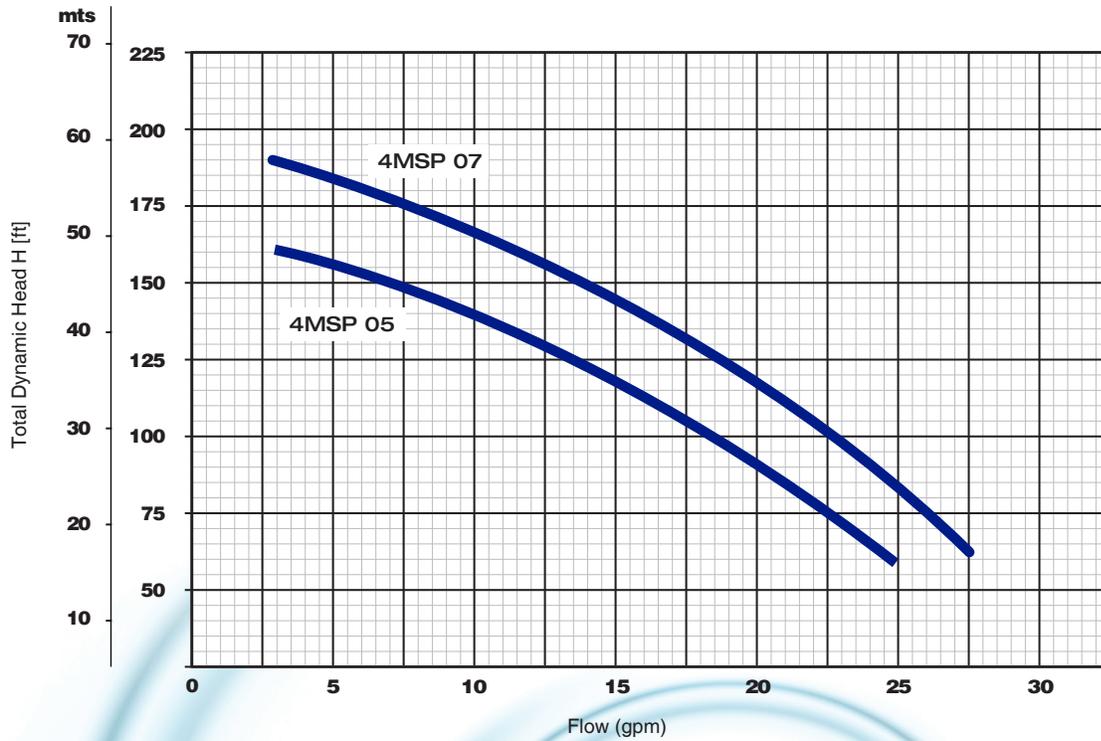
- Continuous duty: Pearl effluent pumps can operate continuously without damage to any component.
- Impeller floating system: designed to guarantee the best performance and durability for sand handling.
- Available in 115 V or 230 V.
- 8 foot power cord.
- Construction according to standards: CSA-C22.2 No. 108-14; UL 778-2014.

### Construction Materials

DISCHARGE	TECHNOPOLYMER
BEARING	NYLATRON
CHECK VALVE	TECHNOPOLYMER
EXTERNAL SLEEVE	STAINLESS STEEL POLISHED
IMPELLERS	ACETAL
DIFFUSERS	POLYCARBONATE
WEAR RING	POLYCARBONATE / STAINLESS STEEL
SHAFT	STAINLESS STEEL
SUCTION GRID	STAINLESS STEEL



Curves and Performance Data

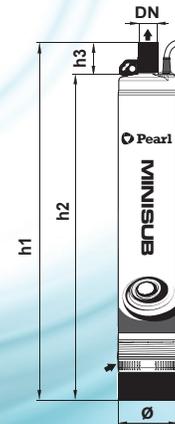


Performance Data

MODEL	HP	CAPACITY [GPM]	0		2.5		5		7.5		10		12.5		15		17.5		20		22.5		25		27.5	
			ft	mts	ft	mts	ft	mts	ft	mts	ft	mts	ft	mts	ft	mts	ft	mts								
4MSP 05	0.5	H (ft)	167	51	160	49	157	48	150	46	140	43	130	40	117	36	105	32	90	27	75	23	60	18		
4MSP 07	0.7		194	59	190	58	185	56	175	53	165	50	157	48	145	44	137	42	117	36	101	31	83	25	64	20

Pump Dimensions

MODEL	DISCHARGE	DIMENSIONS INCHES				LBS
1 PH / 3PH	DN	Ø	h1	h2	h3	1~
4MSP 05	1 1/4"	3 3/4	22	20	2	17.5
4MSP 07	1 1/4"	3 3/4	28	26	2	20



Packaging Dimensions

MODEL	WEIGHT	L	A	Alt	QTY.
1 PH / 3PH	lbs	inch	inch	inch	
4MSP 05	18.5	30.5	5.9	5.5	PCS/20
4MSP 07	21	30.5	5.9	5.5	PCS/21





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