Single Phase Domestic And Mini Monoblock Installation Procedure

Taro™ Pumps

Texmo Industries
Est. 1956

1. Prepare A Level Concrete Foundation

1. Prepare a level concrete foundation for mounting the Single Phase Self-Priming Monoblock and tighten the motor base using the foundation bolts as shown in Fig. 1 below:

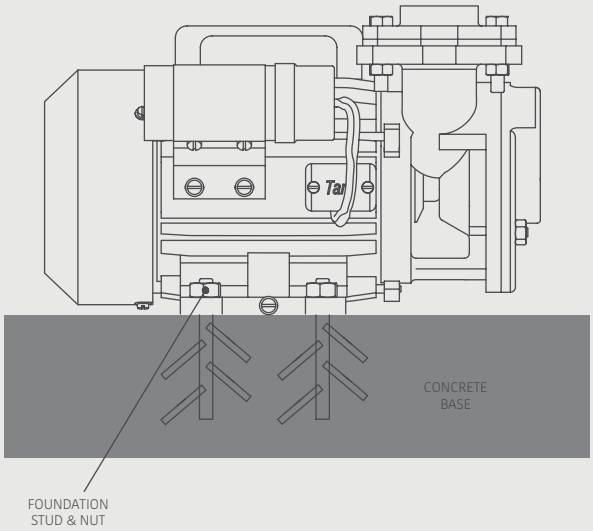

Fig. 1
Assembling Self - Priming Monoblock On A Concrete Foundation

2. Use Prescribed Pipe Sizes As Mentioned On The Product Name Plate

3. Place The Pump Center Line To The Water Surface 3 - 6 Meter Distance Product Name Plate

4. Ensure the strainer is fixed to the end of suction pipe located inside the sump/well. Refer Fig. 2, shown below, for recommendations:

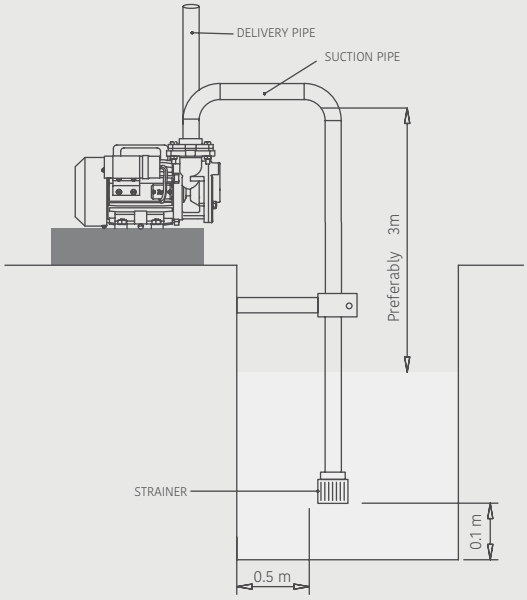

Fig. 2
Recommendations For Locating The Self-Priming Pump And Strainer

5. Use As Few Pipe Fittings As Possible In The Suction Line And Use A Good Quality Foot Valve To Reduce Suction Losses

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6. In Case The Pump Is Used To Draw Water From A Water Line, Follow The Recommended Suction Pipe Orientation Shown In Fig. 3 Below To Minimize The Noise Level

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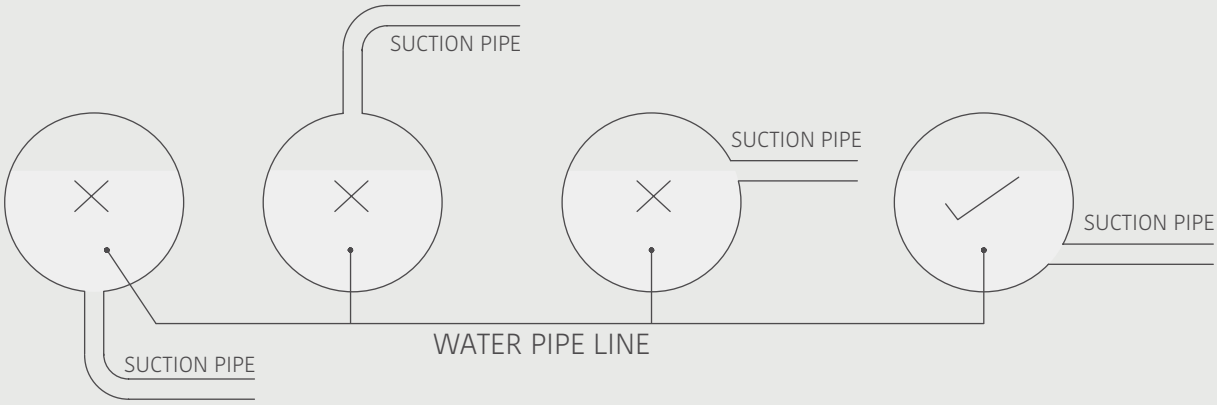

Fig. 3
Preferred Orientation Of Suction Pipe For Pumping From A Water Line

7. Initially Fill The Water In Pump By Removing Filling Plug For Priming. Replace The Filling Plug And Tighten It

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8. Electrical Installation

- Ground the Single Phase Self-Priming Monoblock using the earth screws provided on the leg of the motor body / on the motor body.
- Ensure electrical joints, if any, are properly and adequately insulated.
- Connect the cable to a MCB with appropriate rating.
- Factor in low voltage operation while selecting cable size.

9. Power Cable Connection

- The motors are internally wired and pre-connected with the capacitor leads with two leads emerging out from the Terminal Box Cover.
- Only Phase and Neutral need to be connected to these two leads (A1 & A2).