

Model: Gear Wheel Aerator



| | Gear Wheel | | Qty |
|---|-----------------------------|--------------------------|------------|
| 1 | Floats | HDPE | 3 |
| 2 | Gear wheel | Nylon | 1 |
| 3 | 2 HP Submersible Motor | ARDIS 3 phase | 1 |
| 4 | Impellers | PPCP | 4 |
| 5 | Frame | SS 304 | 1 |
| 6 | Shaft | SS 304 | 1 |
| 7 | Shaft Supporter | NYLON | 3 |
| 8 | Nuts & Bolts | SS 304 | 1 set |
| | Power Consumption | 3.2 Amps | |
| | Impeller RPM | 140 | |
| | Oxygen Transfer Rate | 3.5 Kg/h | |
| | Dimensions (L*W*H) | (2.144*1.65*0.915)Meters | |

HIGH PERFORMANCE SINGLE MOULD IMPELLER:

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- 304 Bush is used in impeller.
- Toughness against corrosion and sunburn resistance.
- Professional designed paddle and best angle, substantial water splash, strong water current and high Replaceable paddle, lower maintenance cost.
- Raw material Virgin UV protected PPCP.
- SS oxygenation performance.
- Tested @1.5 times of actual working parameter.
- In-house manufacturing facility which achieves high quality in product
- PPCP Wt: 2.2 Kgs ; Nylon wt.3.3 Kgs
- On special order we supply the product with nylon impellers.

Raw material procured from Reliance-[Reliance Industries Limited](#).



HDPE FLOAT:

- Made of 100% Virgin HDPE material to optimize full ductility.
- Resistant impact, acid-alkalinity and sun exposure
- One piece blow moulded with absolutely no seeping
- Dimension :
L X B X H : 1700*330*210
Weight : 6 kgs

We have experience of 10 years in blowmolding.

Raw material procured from Reliance-
[Reliance Industries Limited](#)



HDPE Motor Cover:

- Made of 100% Virgin HDPE material to optimize full ductility
- Resistant impact, acid-alkalinity and sun exposure
- One piece blow moulded with absolutely no seeping

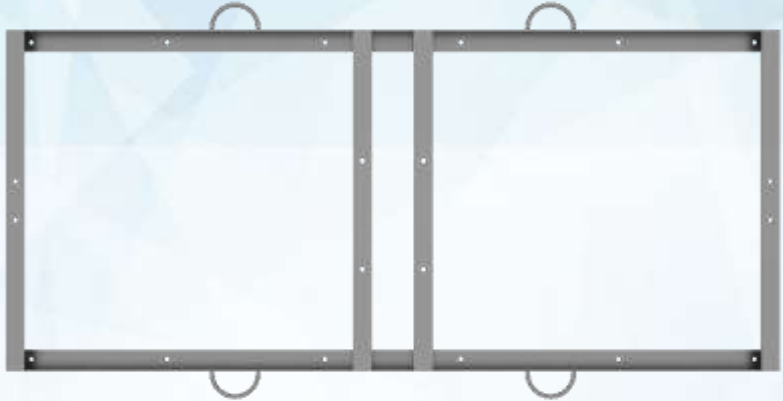
Wt: 2 Kgs

Raw material procured from Reliance-
[Reliance Industries Limited](#)



SS L-Angular Frame:

- Made of 100% SS304 L material .
- Milling and slotting of frame as per our aerator design.
- L material mainly designed for highly salt contained water with rust proof.



SS Shaft :

- Made of 100% SS304 Shaft.
- Milling and slotting of shaft as per our aerator design.



Shaft Coupler Cast Iron / Nylon:

- Regular cast iron based coupler are available.
- As cast iron coupler is very weak towards the corrosion, we made of 100% Virgin Nylon material to optimize full ductility.
- No other company in India offer coupler in nylon.
- Resistant impact, acid-alkalinity and sun exposure.

Raw material procured from GUJLON ([Gujarat State Fertilizer & Chemicals Limited](#))



Nylon Stand / Shaft supporter:

- Heavy duty design to long life span & High Durability.
- Designed to be sturdy and without deformation.

Raw material procured from GUJLON ([Gujarat State Fertilizer & Chemicals Limited](#))

Wt. 300 Grams NYLON GLASS FILLED.



SS 304 Nuts & bolts:

- Heavy Duty SS304 Nuts & bolts are supplied.
- Procured from reputed manufacturer in India.

