

# Specifications OM(A)

## FEATURES

1. Vortex, FRP (Fibreglass Reinforced Plastic) impeller passes solids and stringy material without clogging and increases wear resistance when pumpage contains abrasive particles.
2. Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal, provides for the most durable seal design available.
3. Highly efficient, continuous duty, air filled, copper wound motor with insulation class E minimizes cost of operation.
4. Built in thermal and amperage sensing protector prevents motor failure due to overloading, or accidental run-dry conditions.

## APPLICATIONS

1. Residential effluent, wastewater and site drainage
2. Decorative waterfalls, fountains and fish ponds



## SPECIFICATIONS

Discharge Size.....	32mm
Power output .....	0,15kW
Performance range.....	0,015m <sup>3</sup> /min - 0,19m <sup>3</sup> /min 1,0m - 7,5m
Maximum water temperature...	40°C
Materials of construction	
Impeller.....	Glassfibre reinforced plastic
Casing.....	Glassfibre reinforced plastic
Motor Frame.....	Stainless steel SUS304 (EN-X5CrNi18-10)
Shaft.....	Stainless steel SUS403 (EN-X6Cr13)
Fasteners.....	Stainless steel SUS304 (EN-X5CrNi10-10)
Elastomers.....	NBR (Nitril Buna Rubber)
Mechanical Seal	
Primary Seal.....	Silicon carbide on silicon carbide
Secondary Seal.....	Ceramic on carbon
Impeller Type.....	Vortex
Solids handling capability.....	10mm
Bearings.....	Pre-lubricated, double shielded ball bearings
Motor.....	Air filled, 2850 rpm, 230V, 50Hz, 1-phase Insulation class E
Options.....	Automatic version available (float switch)