


Specifications UX-Series

FEATURES

1. **Explosion proof according to ATEX 94/9/EC**
 **II2G Ex d II B T4.**
2. Vortex cast iron impeller passes solids and stringy material without clogging and increases wear resistance when pumpage contains abrasive particles.
3. Highly efficient, continuous duty air filled, copper wound motor with class E or F insulation minimizes the cost of operation.
4. Built-in thermal and amperage sensing protector prevents motor failure due to overloading, single phasing or accidental run-dry conditions.
5. Double inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber, equipped with an oil lifter and further protected by an exclusionary oil seal -

provides for the most durable seal design available.

6. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60.000 hours provide for extended operational life.

APPLICATIONS

1. Residential, commercial, industrial sewage, effluent, wastewater and site drainage.
2. Agriculture
3. Decorative waterfalls, fountains and fish ponds



SPECIFICATIONS

Discharge Size.....	50-80mm
Power output range.....	1,6kW - 4,0kW
Performance range.....	0,05m ³ /min - 1,05m ³ /min 4m - 23,5m
Maximum water temperature...	40°C
Materials of construction	
Impeller.....	Grey iron casting
Casing.....	Grey iron casting
Motor Frame.....	Grey iron casting
Shaft.....	Stainless steel SUS420J2 (EN-X30Cr13)
Fasteners.....	Stainless steel SUS304 (EN-X5CrNi18-10)
Elastomers.....	NBR (Nitril Buna Rubber)
Mechanical Seal	
Primary Seal.....	Silicon carbide on silicon carbide
Secondary Seal.....	Ceramic on carbon
Impeller Type.....	Vortex impeller
Solids handling capability.....	35mm - 56mm
Bearings.....	Pre-lubricated, double shielded ball bearings
Motor.....	Air filled, 2850 rpm 400V, 50Hz, 3-phase Insulation class F
Accessories.....	Guide rail fitting (TOS)



Oil Lifter
1,6kW - 4,0kW