

EnduroPro

End Suction Horizontal Shaft Wastewater Pumps



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Suction Flange	DN 80 ... DN 300
Discharge Flange	DN 80 ... DN 300
Operating Pressure	10 Bar
Speed Range	1000 – 3600 RPM
Capacity Range	10 – 2100 m ³ /h
Head Range	10 – 45 m



Fields of Applications

Transfer of sewage liquids in residential and commercial buildings,

In water treatment plants,

Transfer of liquids containing sludge, fibers and solid particles in industrial facilities,

In flood and storm water transfer (activated sludge),

In drainage operations at construction sites.

Design Specifications

Special impeller designs provide the opportunity to be used in different areas and to pump different types of wastewater depending on the impeller structure.

It is produced with modern casting and manufacturing technology and can be manufactured from different materials according to application areas and customer demands.

Thanks to the back pull out design, it is possible to change the rotating parts of the pump without removing the piping for easy maintenance and repair.

Various mounting options are possible, such as monoblock, coupled and vertical mounting.

Manufacturing options are available with the discharge flange being oriented left, right or upwards.

Sealing Applications

Spiral channels in the expanded seal area prevent solid particles from entering the seal area, thus extending the life of the mechanical seal.

EnduroPro series pumps feature a double mechanical seal system in an oil bath for optimum operating safety and perfect sealing.

Bearings

Long-life, oil-lubricated bearings are used. Grease-lubricated bearings are also available as an option. 3300/6300 series heavy-duty bearings are used on the pump and motor sides.

Pump Tagging

EnduroPro 100 – 315 D

Series Name _____

Discharge Flange Nominal Diameter (mm) _____

Impeller Nominal Diameter (mm) _____

Impeller Type _____

Impeller Types

X Type Vortex Impellers

In this type of impellers, liquid transfer is provided by vortex movement in front of impeller. Liquids are supplied transmission to the discharge flange by reducing contact the impeller. These types of impellers are suitable for pumping liquids containing long fibers (hair, thread, etc.), small solid particles and having a certain rate gaseous or air.

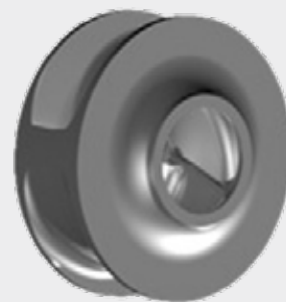
- Raw Sewage
- Activated Sludge
- Circulated and Heated Sludge
- Wastewater Containing Hair, Thread etc.



D Type Double Vane Impellers

These types of impellers for liquids containing up to certain size sludge and solid particles but not containing fiber, gaseous or air. Its symmetrical design provides balanced operation without vibration.

- Grilled Sewage
- Mechanically Purified Sewage
- Industrial Wastewater
- Activated Sludge
- Floodwaters



PART	MATERIAL					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Cast Bronze CuSn10
Pump Casing	●	○		○	○	○
Impeller	●	○		○	○	○
Wearing Ring		○		○	○	●
Shaft			●	○	○	

● Standard Material

○ Optional Material

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