

PXGRIND Series



SUBMERSIBLE WASTEWATER PUMPS



PXGRIND[®] Series

GRINDER PUMPS

The **PXGRIND** pumps are equipped with a grinding system that effectively reduces the size of all destructible solid pieces and fibrous materials, such as paper, textile, plastics, etc into small particles so they can be led away through pipes of relatively small diameter.

DESIGN FEATURES

- Stainless steel cutting system made in stainless steel with hardness 55 HRC minimum.
- Internal motor cooling system with "ECOFLU" (closed loop through a cooling jacket)
- Cartridge sealing system "Fast Seal"
- Easily adjustable channel impeller clearance system "Reducer" for improved performance and less clogging occurrences
- Oil tap drain
- Ductile iron multi channel impeller
- Fast lock assembly/disassembly feature with only two latch bolts for quick and easy volute/impeller inspection (major advantage is the significant reduction of man-hours)
- **PXFLOW** - SIEMENS -INNOMOTICS motor parts standard IE1 or higher efficiency IE2 (Premium efficiency IE3 and Super Premium efficiency IE4 as option for most motor sizes)
- Motor inspection hole
- Cable entry in stainless steel 316 as standard (in Duplex as option)
- Handle in Stainless steel

Corrosion resistant stainless steel grinder pumps

Modular material selection system

All construction material can be upgraded on request to increase the overall corrosion resistance of the pump.



Quality & efficiency

PXGRIND® Series

Flexible wet type installation

Wet set G2'', adapter for $\frac{3}{4}$ '' guide rails



Wet set DN80 (3''), adapter for 2'' guide rails



PXGRIND[®] Series

Flexible dry type installation Horizontal with



Flange drill for DN80

With extension pipe adapter DN100

or

DN150

Vertical dry type installation



Portable type installation



Model	PXGRIND1	PXGRIND2
Rating 50Hz	3-5kW	6.5-15kW
Rating 60Hz	6-7.5HP	10-25HP
Motor	2 pole	2/4 pole
Pump outlet flange	50/2"	50/2"
Pump inlet flange	Grinder	Grinder
Impeller type	Open channel	Channel
installation types available	wet/dry/portable	wet/dry/portable

Quality & efficiency