

EBARA



# Submersible Slurry Pumps

Model ENZX



wastewater | dirty water | slurry | dewatering



**EBARA** Fluid Handling

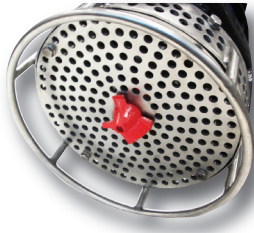
*an EBARA International Corporation company*

# Submersible Slurry Pumps

EBARA ENZX series pumps are designed to handle corrosive and abrasive slurries efficiently and effectively in a wide range of industrial applications with the harshest conditions.

## Features

- **Enclosed High-Chrome Iron Impeller**
  - Longer lasting, higher efficiency pumping
- **Replaceable Upper and Lower High-Chrome Iron Wear Liners**
  - Avoid costly casing replacement due to excessive wear
- **Integral High-Chrome Iron Elbow**
- **Stainless Steel Stand, Inlet Screen, and Hardware**
- **56.8 Rockwell Hardness for all High-Chrome Iron Components**
- **Thermal Overload Sensor**
  - Protects the motor by shutting down if internal temperature exceeds operating range
- **Motor Moisture Float Switch**
  - Alerts the operator if moisture is detected inside the motor housing
- **Double Mechanical Seals**
  - Safely operate in oil chamber away from pumped slurry
- **Designed to handle concentration of solids up to 30%**

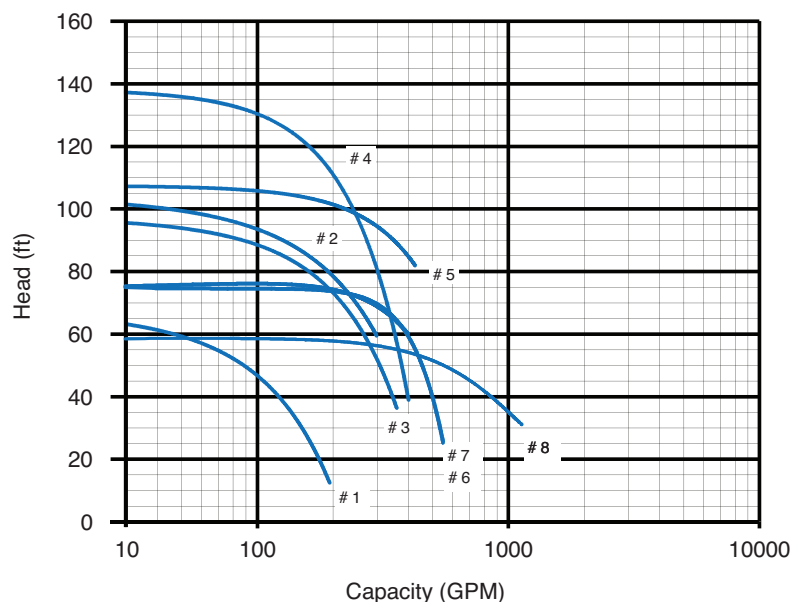


## Standard Specifications

<b>Design</b>	Discharge	2, 3, 4, 6 inch	
	Horsepower	7.5 to 30 HP	
	Capacity	to 1200 GPM	
	Total head	to 140 feet	
	Max. Liquid Temp.	40°C, 104°F	
	Max. Solid Dia.	1.26 inch, 32 mm	
<b>Construction</b>			
<b>Materials</b>	Casing	High Chrome Iron 56.8 HRC	
	Impeller	High Chrome Iron 56.8 HRC	
	Agitator	High Chrome Iron 56.8 HRC	
	Motor housing	Cast Iron	
	Screen	304 Stainless Steel	
	Wear liners	High Chrome Iron	
	Fasteners	304 Stainless Steel	
	O-Rings	Buna	
	<b>Mechanical Seal</b>		Double Mechanical Seal
		Material - Upper	Carbon/Silicon Carbide
Material - Lower		Silicon Carbide/Silicon Carbide	
<b>Motor</b>		Insulation Class F	
		Three Phase 460V	
		Integral thermal and seal leak protection	
		UL/CSA Listed Submersible Cable 40 ft*	

\*UL/CSA Listed 40 ft standard cables on all models except for the 30 HP model (30 ft single power cable)

## ENZX selection chart



- 1 – 50ENZX65.54
- 2 – 80ENZX67.54
- 3 – 80ENZX6114
- 4 – 80ENZX6154\*
- 5 – 100ENZXA6154
- 6 – 100ENZXB6154
- 7 – 100ENZXC6154
- 8 – 150ENZX6224

\*Two-Stage Model

\* All specifications subject to change without notice.



### EBARA Fluid Handling

1651 Cedar Line Drive • Rock Hill, SC 29730 • t (803) 327 - 5005 • f (803) 327 - 5097

[www.pumpsebara.com](http://www.pumpsebara.com)

© 2013 EBARA International Corporation, All rights reserved.

EFHEP0314