



EVR series slurry pumps are also designed to transport slurry in the pool but differ from EVM series in the material of wet parts. EVR series has excellence performance in handling high corrosive slurries without shape edge and lighter in weight.

- Doesn't need any seal and the seal water;
- Work normally even if the suction volume is not enough;
- Single casing structure with the advantages of light weight, small volume, easy installation;
- Anti-corrosive wet parts made of natural rubber;
- Transmission shaft and suction pipe could be chosen according to liquid surface of the slurry pool;
- Able to run smoothly under various speeds.

## ❖ Structure



### Shaft

According to the depth of pools' liquid level, shaft length and suction pipe of different sizes are available.

## Material

The wear parts material for EVR series is natural rubber. With superb anti-corrosive performance, it is ideal for the delivery of strong corrosive slurry without sharp edge.

- Natural rubber ER01: it is more resistant to both chunking wear and dilation (ie, expansion caused by centrifugal force) than ER02.
- Natural rubber ER02: antioxidants and anti-aging agents are added prolong the storage and usage life of ER02.

## ❖ Performance Chart

Model	Allowable Max.Power P(Kw)	Clear Water Performance					Impeller
		Capacity Q		Head H(m)	Speed n(r/min)	Top Efficiency η%	Impeller Diameter D(mm)
		m <sup>3</sup> /h	l/s				
EVR-40P	15	17-43.2	4.7-12	4-28.5	1000-2200	40	188
EVR-65Q	30	18-114	5-32	5-31.5	750-1500	60	280
EVR-100R	75	54-289	15-80	5-36	500-1200	62	370
EVR-150S	110	108-479	30-133	8.5-40	500-1000	52	450
EVR-200S	110	189-891	52.5-247.5	6.5-37	400-850	64	520
EVR-250T	200	360-1150	100-320	7-33	400-750	60	575
EVR-300T	200	540-1548	150-430	5.5-26	350-700	60	580

## ❖ Application

Series EVR slurry pumps are widely used in the mining, coal washing, power plant, metallurgy, petrochemical, building material, dredging, and other industrial departments, etc.

### Typical Application:

- Iron Ore Dressing Plant
- Copper Concentration Plant
- Gold Mine Concentration Plant
- Molybdenum Concentration Plant
- Potash Fertilizer Plant
- Other Mineral Processing Plants
- Alumina Industry
- Coal Washery
- Power Plant
- Sand Excavation
- Building Material Industry
- Chemical Industry
- Other industries

*EVR-150S iron ore dressing in Vietnam*



*EVR-65Q copper -molybdenum in Mid-East*



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