

EVM(R) series

Introduction

Type EVM(R) pumps are vertical, centrifugal slurry pumps submerged in sump to work. These pumps have no need of any shaft seal and sealing water. They can also be operated normally for insufficient suction duties.



The pump casing of type EVM(R) pumps are made of wear-resistant metal and the impellers are made of wear rubber or polyurethane. According to liquid surface of the slurry pool, the pump transmission shaft and suction pipe could be chosen. The pump could operate under the best

condition with different speed.

Application

They are designed for delivering abrasive, large particle and high-density slurries and applied over the fields such as metallurgy, mining, coal, power, building materials, and environmental protection.



Model Explanation

EVM(R)-65Q

E: Excellence

V: Vertical type

M: Metal lined **R**: Rubber lined

65: Discharge size (mm)

Q: Frame Type with maximum power

EVM(R) Series Slurry Sump Pump Performance Chart

Pump Model	Allowable Max. Power (kw)	Clear Water Performance					Impeller Dia.
		Capacity Q		Head H(m)	Speed n(r/min)	Max.Eff. %	
		m ³ /h	l/s				
EVM(R)-40P	15	17-43.2	4.7-12	4-28.5	1000-2200	40	188
EVM(R)-65Q	30	18-114	5-32	5-31.5	750-1500	60	280
EVM(R)-100R	75	54-289	15-80	5-36	500-1200	62	370
EVM(R)-150S	110	108-479	30-133	8.5-40	500-1000	52	450
EVM(R)-200S	110	189-891	52.5-247.5	6.5-37	400-850	64	520
EVM(R)-250T	200	360-1152	100-320	7-33	400-750	60	575
EVM(R)-300T	200	540-1548	150-430	5.5-26	350-700	60	580

Note:

1. Quantity range recommended: $50\%Q' \leq Q \leq 110\%Q'$ (Q' Appropriate to capacity at highest efficiency point).
2. NPSH: appropriate to point Q recommended at highest speed.