

EGM series

Introduction

Type EGM slurry pumps are cantilevered, horizontal, centrifugal slurry pumps. The frame plate liner and impeller for EGM pump are made of wear-resistant metal. The shaft seals for the EGM series may choose gland seal or expeller seal. The discharge branch can be oriented to any of the eight positions to suit installations and applications.

Application

They are designed for the handling of highly abrasive, high density slurries in the metallurgical, mining, coal, power generation, construction material and other industry. The pumps of this type may also be installed in multistage series.

Model Explanation

EGM-4F

- E:** Excellence
- G:** High head
- M:** Metal lined
- 4:** Discharge size (inch)
- F:** Frame type with maximum power

EGM Series Slurry Pump Performance Chart

Pump Model	Allowable Max. Power (kw)	Clear Water Performance						Impeller Dia. (mm)
		Capacity Q		Head H(m)	Speed n(r/min)	Max.Eff. %	NPSH (m)	
		m ³ /h	l/s					
EGM-1C	30	16.2-34.2	4.5-9.5	25-92	1400-2200	20	2-5.5	330
EGM-2D	60	68.4-137	19-38	25-87	850-1400	47	3-7.5	457
EGM-3E	120	126-252	35-70	12-97	600-1400	50	2-5	508
EGM-4F	260	324-720	90-200	30-118	600-1000	64	3-8	711
EGM-6S	560	468-1008	130-280	20-94	500-1000	65	4-12	711

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.