

Submersible sewage pumps for waste water containing solids.

**SOLID HANDLING CAPACITY: 50 mm**

**EKKI**   
**PUMPS**



# LINUS ES50M

SEWAGE PUMP

LINUS ES50M series pumps are suitable for pumping drainage water or waste water. With 50 mm solid handling capacity, they are able to pump liquids with larger suspended solids like fibres, textiles etc. Their major applications are in municipal for economical disposal, private and trade industries.

Technology by

**EKKI**  **-HOMA**

 **A GERMAN ALLIANCE**



DESIGNED & DEVELOPED IN GERMANY  
ENGINEERED & MADE IN INDIA

## Technical Data :

Motor power	-	1.0 - 6.0 HP
Voltage	-	1 Phase (220V - 240V) 3 Phase (380V - 415V)
Frequency	-	50 Hz
Insulation	-	H Class
Max. head	-	32 m
Max. discharge	-	86.4 m <sup>3</sup> /h

## Applications :

- ▶ Industrial sewage
- ▶ Black water
- ▶ Excavation pit
- ▶ Hotel waste
- ▶ Effluent
- ▶ Water with long fibres

## Features :

- ▶ With the help of larger inlet passage the pump can handle long fibre wastes.
- ▶ The electrical and hydraulic units are separated by combination of mechanical seal and radial seal.
- ▶ The internal oil chamber provides lubrication for the seal which increases the seal life.

## Performance Table :

Pump Model	Motor Power		Rated Current (A)	Capacitor (µF)	Speed (rpm)	Solid Handling Capacity (mm)	Phase	Delivery size : 50mm (2"), 65mm (2.5")								
	kW	HP						Q - m <sup>3</sup> /hr	0	14	29	43	58	72	86	
									Q - l/m	0	240	480	720	960	1200	1440
										Q - l/s	0	4	8	12	16	20
ES50M 10/2 M (F)	0.7	1.0	4.8	25	2900	50	1	Total Head in Meters	10	6	3	1	-	-	-	
ES50M 10/2 T (F)	0.7	1.0	1.9	-	2900	50	3		10	6	3	1	-	-	-	
ES50M 15/2 T (F)	1.1	1.5	2.5	-	2900	50	3		12	9	5	4	2	-	-	
ES50M 15/4 M (F)	1.1	1.5	5.8	40	1450	50	1		8	6	4	2	-	-	-	
ES50M 15/4 T (F)	1.1	1.5	2.6	-	1450	50	3		9	7	5	2	-	-	-	
ES50M 20/2 M (F)	1.5	2.0	7.6	30	2900	50	1		12	9	5	4	2	-	-	
ES50M 20/2 T (F)	1.5	2.0	3.8	-	2900	50	3		17	13	9	7	3	1	-	
ES50M 30/2 T (F)	2.2	3.0	4.5	-	2900	50	3		20	16	12	9	6	2	-	
ES50M 50/2 TL (F)	3.7	5.0	6.5	-	2900	50	3		24	19	16	13	9	7	1	
ES50M 50/2 T (F)	3.7	5.0	6.6	-	2900	50	3		27	23	17	13	-	-	-	
ES50M 50/2 TH (F)	3.7	5.0	6.5	-	2900	50	3		30	25	21	-	-	-	-	
ES50M 60/2 T	4.5	6.0	8.7	-	2840	50	3		32	26	23	19	16	-	-	

\* F - Float Switch (Optional)