

Submersible sewage pumps for domestic waste water containing solids.  
**SOLID HANDLING CAPACITY: 50 mm**

**EKKI**   
**PUMPS**



# LINUS ES48

SEWAGE PUMP

LINUS ES48 series submersible pumps are used for pumping soiled and waste water. With their large free passage of 50 mm, they are well suited for use with media containing coarse solids and fibres. 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	-	1.5 HP
Voltage	-	1 Phase (220V - 240V) 3 Phase (380V - 415V)
Frequency	-	50 Hz
Insulation	-	H Class
Max. head	-	14.5 m
Max. discharge	-	36 m <sup>3</sup> /h

### Applications :

- ▶ Domestic sewage
- ▶ Black water
- ▶ Water with fibres
- ▶ Basement water
- ▶ Cesspit
- ▶ Excavation pit

### Features :

- ▶ Modular construction provides lightweight, portable and vibration less operation.
- ▶ Highly engineered float switch provides automatic pump operation.
- ▶ Proven hydraulic design ensures clog free pumping.
- ▶ Pump can be installed in auto coupling kit for easy handling and replacement.
- ▶ Robust cast iron construction induces the thermal conductivity of the stator winding which provides longer service life.
- ▶ Special rubber cables are provided which satisfy the RoHS compliance.

### Performance Table :

Pump Model	Motor Power		Rated Current (A)	Solid Handling Capacity (mm)	Phase	Speed : 2900 rpm						
	kW	HP				Delivery size : 50mm (2")						
						Q - m <sup>3</sup> /hr	0	7	14	22	29	36
						Q - l/m	0	120	240	360	480	600
Q - l/s	0	2	4	6	8	10						
ES48V 15/2 M (F)	1.1	1.5	6.5	50	1	Total Head in Meters	11	8	6	3	-	-
ES48V 15/2 T	1.1	1.5	2.5	50	3		11	8	6	3	-	-
ES48M 15/2 M (F)	1.1	1.5	6.5	50	1		14	11	8	6	3	1
ES48M 15/2 T	1.1	1.5	2.5	50	3		14	11	8	6	3	1

\* F - Float Switch (Optional)