



MOTOPOMPE INCENDIE
EUROMAST FIRE PUMPS

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SUBMERSIBLES PUMPS

FLOODING - DRAINAGE - CONSTRUCTIONS SITE





Leader distributor of professional **SUBMERSIBLE DRAINAGE PUMPS**

EUROMAST submersibles pumps are versatile and reliable, suitable for a multitude of demanding applications, including :

- **Water transfer** : For flooded cellars and house
- **Constructions drainage** : Efficient water management on construction sites.
- **Bentonite pumping** : Optimize drilling and construction operations.
- **Mine dewatering** : Safe, productive working conditions.
- **Light sand dredging** : Fast, precise extraction for a variety of projects.
- **Pond and river cleaning** : Environmentally-friendly, high-performance maintenance.
- **Sludge and slurry pumping** : Liquid waste management in complex environments.

Our pumps are ideally suited to the needs of the following sectors :

- Construction and civil engineering.
- Tunnel construction.
- Mining and quarrying.
- Quarrying and extraction.

WHY CHOOSE EUROMAST ?

With proven expertise and robust solutions, contact us today to arrange a personalized demonstration and discover why EUROMAST is the trusted partner of demanding industries.

PUMPS APPLICATIONS :



Constructions



Mines



Careers



Tunnels



Flooding



Agriculture and aquaculture



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SUBMERSIBLES PUMPS



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**FAST AND SECURE
PAYMENT**



**FREE QUOTE
WITHIN 24H**



**DELIVERY
INTERNATIONAL**



**PRODUCTS AVAILABLE
QUICKLY**

SINGLE-PHASE SUBMERSIBLE DRAINAGE PUMPS

EFE-370PSM



EFE-370PSM series portable drainage pumps feature semi-vortex impellers and integrated shaft-mounted agitators.

These features enable efficient pumping of contaminated water and reduce the risk of clogging during operation.

Technical Specifications :

- Power supply :
Single-phase 220V $\pm$ 10%, 50 Hz
Three-phase 380/400V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 10 m
- Water temperature: up to 40°C
- PH: from 6.5 to 8.5
- Max. water depth : 10 m

Applications :

- Construction sites
- Drainage of contaminated water
- General pumping applications

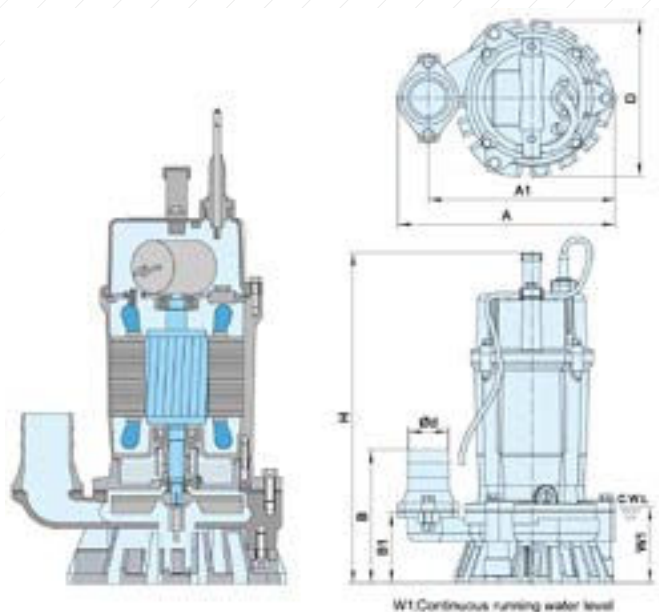
Options available : other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	B1 (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-370 50PS(M)0.4(F)	50	243	207	157	84	185	350	85	13.5	15	405 x 255 x 255
EFE370 50PS(M)0.75(F)	50	257	257	157	84	185	390	85	16.5	18	445 x 265 x 255
EFE370 80PS(M)0.75(F)	80	284	234	225	109	185	390	85	18	19.5	445 x 295 x 255

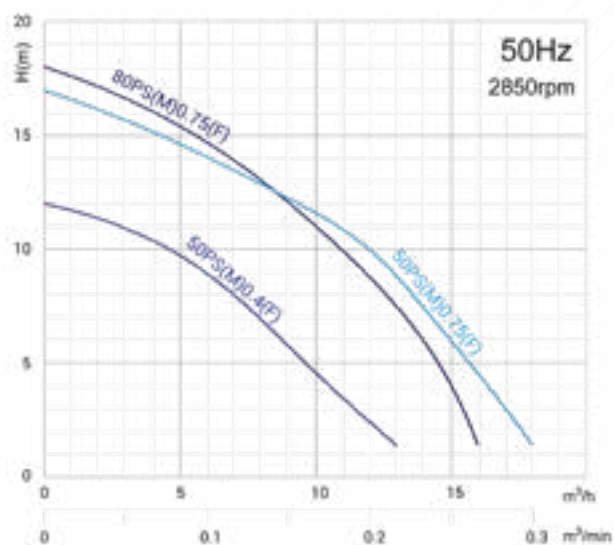


Material composition :



Elements	Materials
Handle	Rubber and steel
Upper bearing housing	Cast aluminium
Top cover	Cast aluminium
Discharge housing	Cast iron
Sealing gasket	Cast iron
Motor body	Cast iron
Pump body	Steel
Turbine	Stainless steel
Agitator	Stainless steel
Rising oil column	LOPE (thermoplastic polyurethane)
Assembly base	PU (Polyurethane)
Rotor	Stainless steel AISI 420SS
Bearings	Bearing à bille
Tree	AISI 420SS stainless steel
Seals	NBR (nitrile butadiene rubber)
Mechanical seal	Ceramic-carbon

Performance curves :



Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Maximum discharge head (m)	Passage of solids(mm)
EFE-370 50PS(M)0.4(F)	50	0.4	3	7	8	12.6	12	6
EFE-370 50PS(M)0.75(F)	50	0.75	5	10	11	16	18	6
EFE-370 80PS(M)0.75(F)	80	0.75	5	12	10	18	17	6

* PS: Three-phase, PSM: Single-phase, PSM...F: Single-phase with float switch

PORTABLE SUBMERSIBLE SLUDGE DRAINAGE PUMPS

EFE-370PDM



EFE-370PDM series portable drainage pumps feature semi-vortex impellers and integrated agitators made of high-chromium alloy.

These pumps are designed to operate in fluids contaminated with sludge and sand.

Technical Specifications :

- Power supply :
Single-phase 220V $\pm$ 10%, 50 Hz
Three-phase 380/400V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 10 m
- Water temperature: up to 40°C
- PH: from 6.5 to 8.5
- Max. water depth : 10 m

Applications :

- Construction sites
- Drainage of contaminated water
- General pumping applications

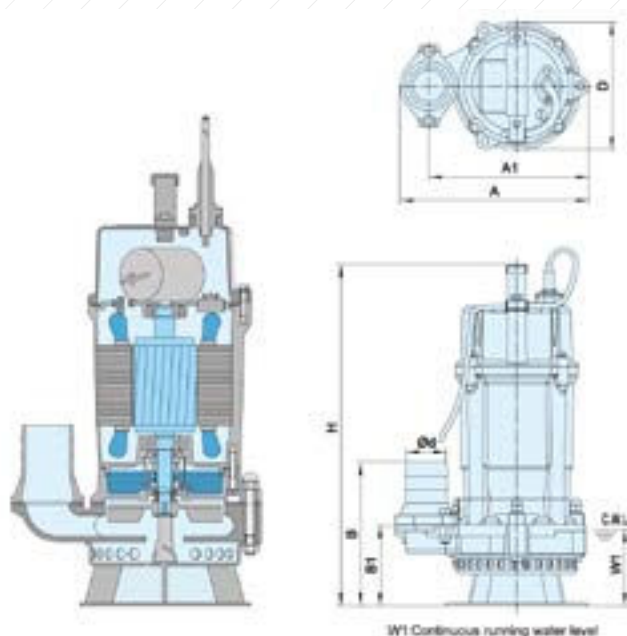
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	B1 (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37050PD(M) 0.55(F)	50	237	201	168	95	160	401	95	15.5	17	455 x 255 x 230
EFE-370 50PDM0.55	50	237	201	168	95	160	401	95	14	15.5	455 x 255 x 230



Material composition :



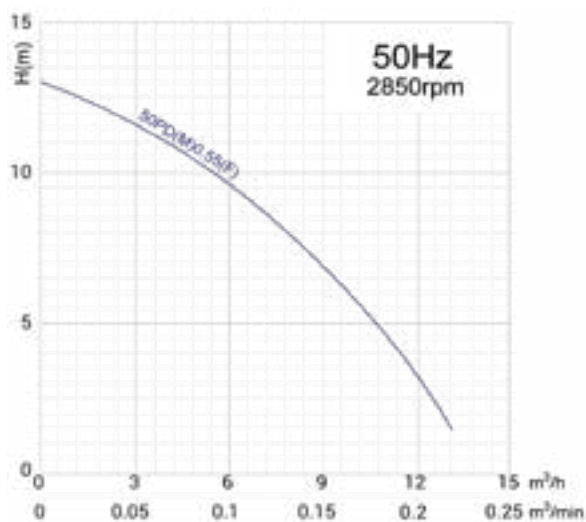
Élément	Materials
Handle	Rubber and steel
Terminal box	Cast iron
Top cover	Cast iron
Discharge housing	Cast iron
Sealing gasket	Cast iron
Engine body	Cast aluminum
Pump body	Cast iron
Turbine	Cast aluminum
Agitator	Cast aluminum
Oil conduit	NBR (nitrile butadiene rubber)
Rotor	Tree : AISI420SS
Bearings	Ball bearing
Strainer / filter	Steel
Gasket	NBR (nitrile butadiene rubber)
Power cable	H07RN-F
Mechanical seal	Carbon-ceramic

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37050PD(M) 0.55(E)	50	0.55	4.0	8	8	13.2	13	9

* PD: three-phase; PDM: single-phase; PDM...F: single-phase with float switch

Performance curves :



SUBMERSIBLE DRAINAGE PUMPS **GENERAL SINGLE-PHASE**

EFE-370TSM



EFE-370TSM series pumps are single-phase, compact, durable and high-performance, suitable for use in floods, construction sites and other pumping applications.

The pump body and parts in contact with water are made of Cast iron. Depending on size, pumps are fitted with a semi-open impeller in high-chromium alloy or ductile Cast iron

Technical Specifications :

- Max capacity: 42 m³/h
- Head: up to 21m
- Power: 0.25 Kw to 1.5 Kw
- Power supply: single-phase 220V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 10 m
- Water temperature: up to 40°C
- Max. water depth : 25

Options available: other voltage, other cable length

Applications :

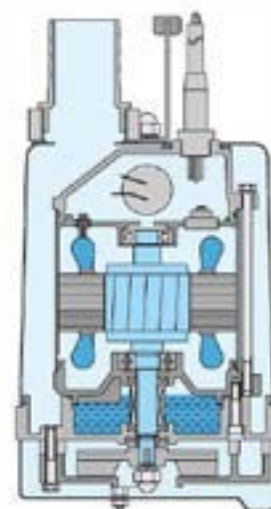
- Mine sites and underground tunnels
- Construction sites
- Drainage and contaminated water
- General pumping applications

Dimensions and weights :

Model (50 HZ)	H (mm)	B (mm)	Ø max (mm)	W1 (mm)	N.W (kg)	Package dimensions (mm)
EFE-37050TSM0.25(F)	345	342	184	50	14	385x225x250
EFE-37050TSM0.4(F)	345	342	184	50	16	385x225x250
EFE-37050TSM0.75(F)	365	362	184	50	18	405x225x250
EFE-37050TSM1.5(F)	582	560	240	87	37	660x270x315
EFE-37080TSM1.5(F)	582	567	240	87	37	660x270x315

B : Height from bottom of pump to Output

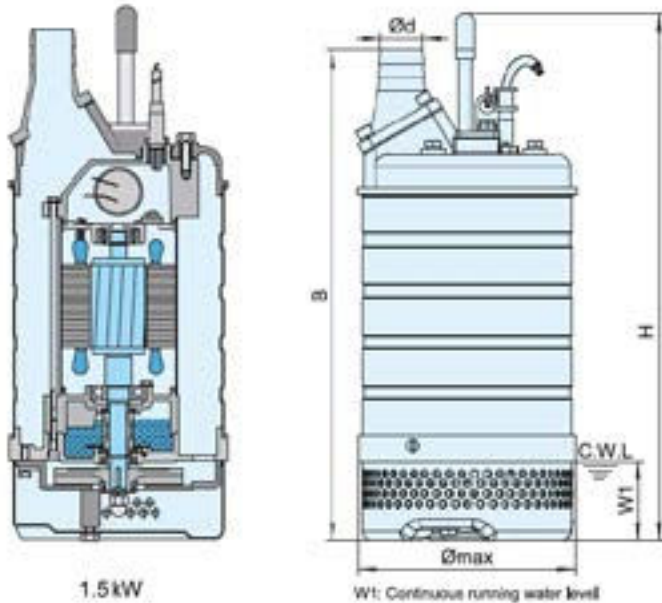
H : Height from bottom of pump to top of Handle



0.25-0.75kW



Materials composition :



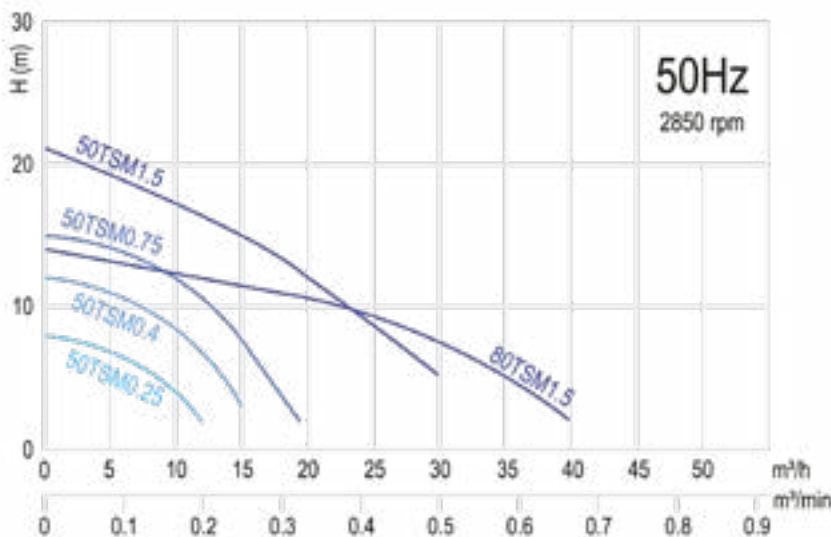
Elements	Materials
Output pompe	Cast iron
Handle	Steel
Top cover	Cast iron
Upper support	Cast iron
Discharge housing	Cast iron
Engine body	Cast iron
Pump body	Cast iron
Turbine	Cast iron ductile
Plate	Cast iron ductile
Strainer	Steel
Rotor	AISI420SS
Bearing	Balls bearing
Pump body	Cast iron
Mechanical seal	Silicon carbide

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Nominal capacity (m3/h)	Nominal Height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 50TSM0.25(F)	50	0.25	2	6	7	12	8	6
EFE-370 50TSM0.4(F)	50	0.4	3	8	10	14.5	12	6
EFE-370 50TSM0.75(F)	50	0.75	5	10	12	19.5	15	6
EFE-370 50TSM1.5(F)	50	1.5	10	15	15	30	21	8.5
EFE-370 80TSM1.5(F)	50	1.5	10	27	9	42	14	8.5

(F): Single-phase with 230 Volt float switch

Performance curves :



WIPER PUMPS FOR DEWATERING RESIDUES

EFE-370TSMG



The EFE-370TSM(G) series is a portable pump capable of pumping right down to the ground, so even the smallest puddle can be pumped dry.

EFE-370TSM(G) pumps are the most effective for complete drainage of surfaces such as basements, parking lots, roads, swimming pools, etc. These pumps are capable of pumping water continuously down to 1 mm and are equipped with a non-return valve that prevents the return of sucked-in water when the pump stops operating.

Technical Specifications :

- Power supply: single-phase 230V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8 or 10 m
- Water temperature: up to 40°C
- PH: 6.5 to 8.5
- Max. water depth : 10 m

Applications :

- Civil engineering
- Construction sites
- Basements and other service pits
- Rainwater

Options available: other voltage, other cable length

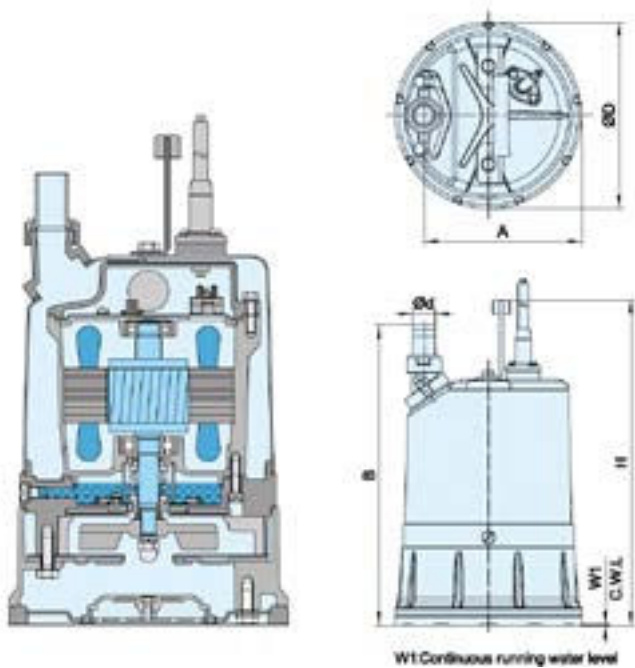
Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37025TSM0.48(G)	25	173	325	205	358	1	12.6	14.1	425 x 230 x 280
EFE-37025TSM0.48(G)E	25	173	345	205	378	1	13	14.5	445 x 230 x 280
EFE-37050TSM0.75(G)	50	173	365	205	398	1	14.8	16.3	465 x 230 x 280
EFE-37050TSM0.75(G)E	50	173	365	205	398	1	15	16.5	465 x 230 x 280

* E: version with intelligent control system



Materials composition :



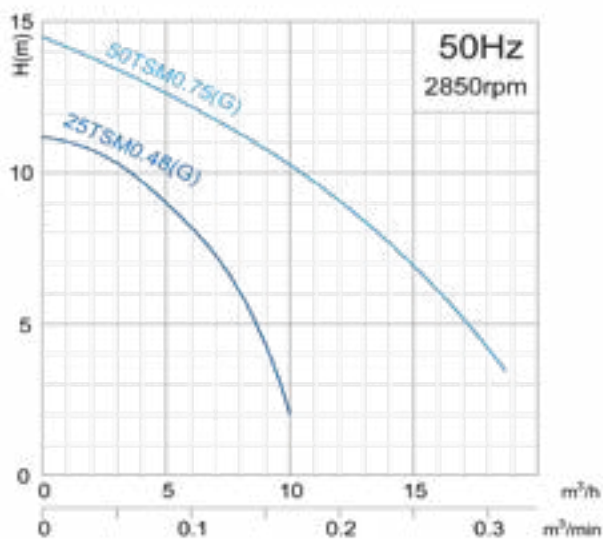
Element	Materials
Handle	Rubber and steel AISI304SS
Top cover	Cast iron
Discharge housing	Cast iron d'aluminium
Top cover	Cast iron d'aluminium
Joint d'étanchéité	LOPE
Engine body	Cast iron d'aluminium
Pump body	Cast iron
Turbine	Cast iron ductile
Diffuseur	Cast iron
Tuyaux d'aspiration	NBR et Steel
Oil conduit	NBR (nitrile butadiene rubber)
Rotor	Tree : AISI420SS
Bearing	Bearing à billes
Gasket	NBR (nitrile butadiene rubber)
Strainer / filter	AISI304SS
Mechanical seal	Céramique-carbone
Power cable	H07RN-F

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Nominale capacity (m3/h)	Nominal Height (m)	Max capacity (m3/h)	Max suction height (m)	Passage of solids (mm)
EFE-370 25TSM0.48(G)	25	0.48	3	7	8	13.5	11	6
EFE-370 50TSM0.75(G)	50	0.75	5	10	11	18	14.5	6

Please pour 2.SL of water into the pump before use.

Performance curves :



SUBMERSIBLE PUMPS FOR DOMESTIC DRAINAGE

EFE-370TSA



This compact, robust pump can be used for a variety of construction, dewatering and general drainage applications.

Technical Specifications :

- Power supply :
Single-phase 220V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 10 m
- Water temperature: up to 40°C
- PH: 6.5 to 8.5
- Max. water depth : 10 m

Applications :

- General pumping applications

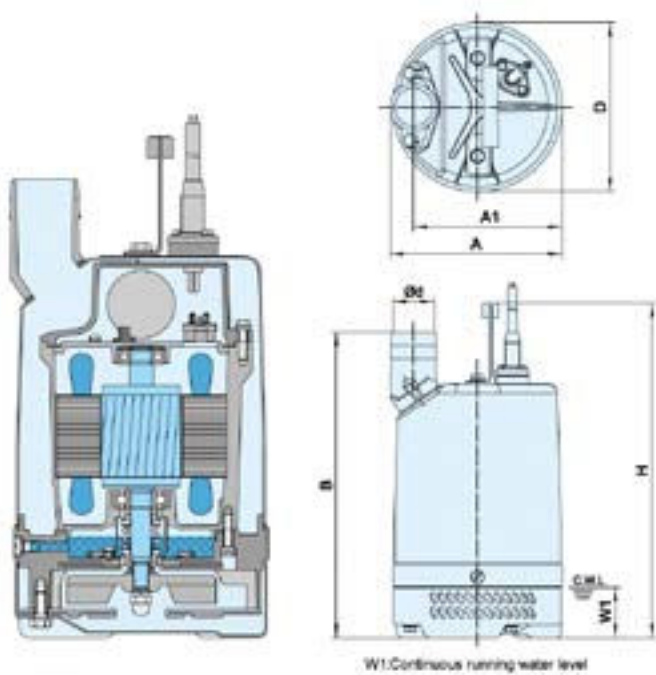
Options available: other voltages, other cable lengths

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37050TSA0.48(F)	50	190	163	296	187	328	50	11.6	13.1	365 x 225 x 255
EFE-37050TSA0.75(F)	50	190	163	336	187	368	50	13.8	15.3	405 x 225 x 255



Materials composition :



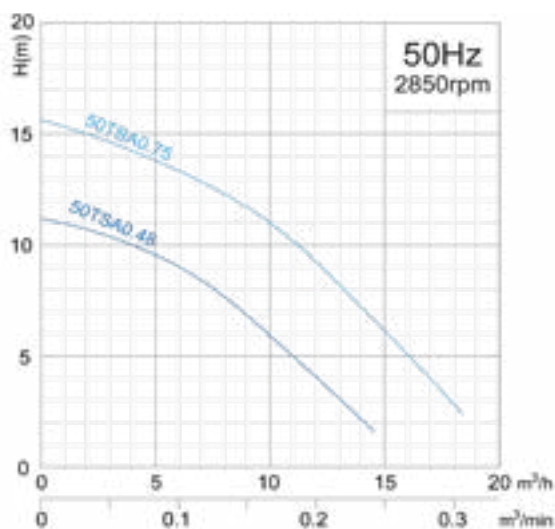
Elements	Matériels
Handle	Rubber and steel
Raccord de tuyau	Cast iron d'aluminium
Top cover	Cast iron d'aluminium
Discharge housing	Cast iron d'aluminium
Sealing gasket	Cast iron d'aluminium
Engine body	Cast iron d'aluminium
Capot extérieur	Steel
Oil conduit	NBR (nitrile butadiene rubber)
Rotor	Tree : AISI420SS
Bearing	BALL Bearing
Strainer / filter	Steel
Gasket	NBR (nitrile butadiene rubber)
Power cable	H07RN-F
Mechanical seal	Carbon-ceramic

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Capacité nominale (m3/h)	Hauteur nominale (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 50TSA0.48(F)	50	0.48	3	7	8	13.5	11.5	6
EFE-370 50TSA0.75(F)	50	0.75	5	10	11	18	15	6

(F): Single-phase with 230 Volt float switch

Performance curves :



SUBMERSIBLE DRAINAGE PUMPS **DOMESTIC AUTOMATIC**

EFE-370TSAE



Technical Specifications :

- Power supply :
Single-phase 230V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 10 m
- Water temperature: up to 40°C
- PH: 6.5 to 8.5
- Max. water depth : 10 m

Options available: other voltage, other cable length

Applications :

- General pumping applications

These compact, robust pumps can be used for a variety of construction, dewatering and general drainage applications.

These pumps are also equipped with an intelligent control system that allows the pump to operate independently.

Intelligent control system :

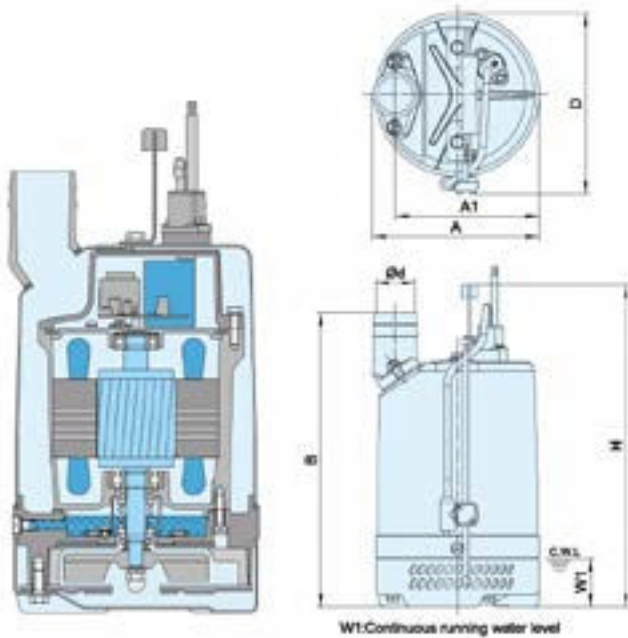
- Automatically stops the pump in the event of overload or abnormal voltage, with recovery after 5 minutes.
- The pump stops operating at high temperature and restarts automatically after cooling down to the specified temperature.
- The height of the water level sensor is adjustable for pump operation.
- The pump stops running within 60 seconds when the water level is below the water level sensor, which maintains the stop time for 180 seconds. After 180 seconds, during which time the water level is above the water level sensor, the pump runs again.
- The pump stops running within 60 seconds when the water level is below the water level sensor, which maintains the stop time for 180 seconds. After 180 seconds, during which time the water level is above the water level sensor, the pump runs again.
- Protects against wheel lock-up, preventing accidental damage.
- Evaluation of pump operation and malfunction history.

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37050TSAE0.48	50	190	164	296	207	328	50	11.8	13.3	385x230x270
EFE-37050TSAE0.75	50	190	164	336	207	368	50	14.0	15.5	405x230x270



Materials composition :

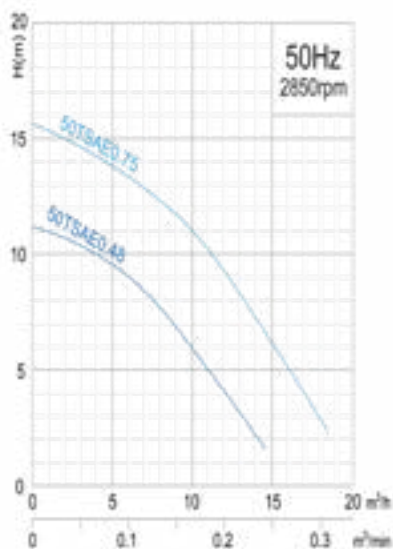


Elements	Materials
Handle	Rubber and steel
Top cover	Cast iron d'aluminium
Discharge housing	Cast iron
Engine body	Cast iron d'aluminium
Pump body	Cast iron
Diffuseur	NBR
Oil conduit	NBR (nitrile butadiene rubber)
Rotor	Tree : AISI420SS
Bearing	Ball bearing
Sandproof sealing	LOPE
Strainer / filter	Steel
Bearing	Ball bearing
Mechanical seal	Carbon-ceramic
Power cable	H07RN-F
Plate de fixation des paliers	Cast iron

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A) 1~	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 50TSAE0.48	50	0.48	3	7	8	13.5	11.5	6
EFE-370 50TSAE0.75	50	0.75	5	10	11	18	15	6

Performance curves :



DRAINAGE OF CLEAR WATER AND WASTEWATER IN CAST IRON

EFE-370TBZ



EFE-370TBZE submersible pumps feature a rigid cast-iron motor and pump casing, a semi-open impeller in high-chromium alloy and a wear plate in ductile Cast iron, for superior strength and durability.

Efficient motor cooling thanks to a discharge channel integrated into the engine housing.

Space-saving design thanks to top output. Discharge diameter from 50mm to 150mm, Engine from 1.5 kW to 15 kW.

Technical Specifications :

- Capacity: up to 156 m³/h
- Head: up to 56 metres
- Power: 1.5 kW to 15 kW
- Power supply: three-phase 400V ± 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 25 m

Optional features :

- Other voltages
- Other cable lengths
- High-temperature version for operation in water up to 80°C.
(Technical and performance data may vary for this version)

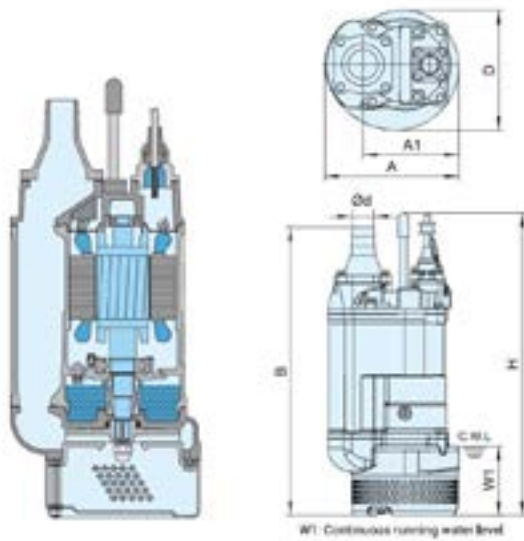
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions(mm)
EFE-37050 TBZ1.5	50	235	173	535	216	505	120	36	40	620 x 265 x 275
EFE-37080TBZ1.5	80	235	173	535	216	505	120	36	40	620 x 265 x 275
EFE-37050TBZ2.2	50	235	173	535	216	505	120	39	43	620 x 265 x 275
EFE-370 80TBZ2.2	80	235	173	535	216	505	120	39	43	620 x 265 x 275
EFE-37050 TBZ3.7	50	283	208	628	252	629	150	63	68	710 x 320 x 295
EFE-37080 TBZ3.7	80	283	208	628	252	629	150	63	68	710 x 320 x 295
EFE-370100 TBZ3.7	100	283	208	642	252	629	150	63	68	710 x 320 x 295
EFE-37080TBZ5.5	80	329	240	671	300	590	150	77	84	750 x 350 x 335
EFE-370100TBZ5.5	100	329	240	686	300	590	150	77	84	750 x 350 x 335
EFE-370100 TBZ7,5	100	330	240	764	314	676	190	106	116	835 x 365 x 385
EFE-370150 TBZ7,5	150	330	240	790	314	676	190	108	119	835 x 365 x 385
EFE-370100TBZ11	100	373	255	807	350	695	190	136	148	855 x 415 x 435
EFE-370 150TBZ11	150	373	255	807	350	695	190	139	150	855 x 415 x 435
EFE-370100TBZ15	100	373	255	842	350	755	190	144	158	905 x 415 x 435



Materials composition :

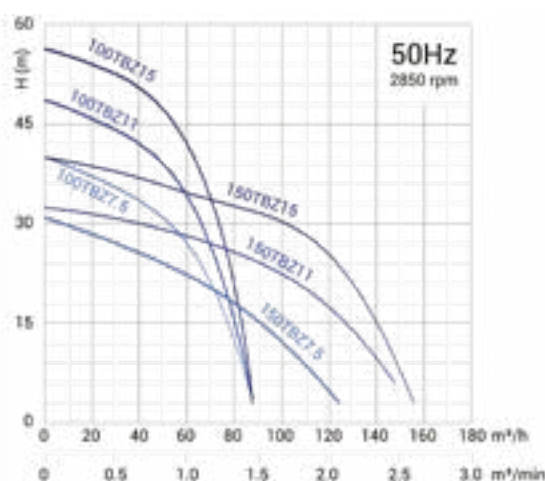
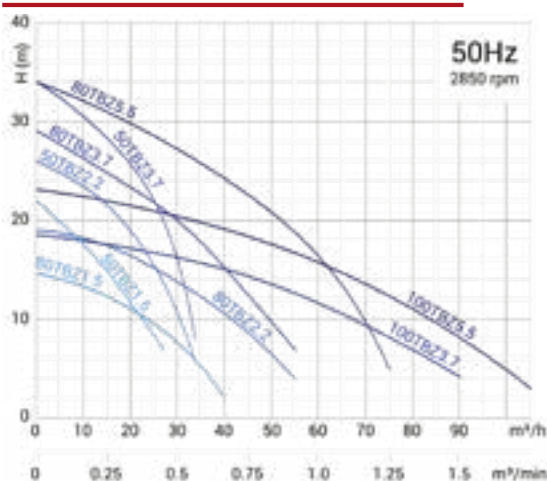


Elements	Materials
Raccord tuyau	Cast iron
Handle	Rubber and steel
Engine body	Cast iron
Pump body	Cast iron
Turbine	High chromium alloy
Crépine	Cast iron ductile
Rotor	Cast iron
Bearing	Ball bearing
Tree	Stainless steel AISI420SS
Mechanical seal	Silicium-carbide (2'3.7 kW)

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (400V)	Nominal capacity (m3/h)	Nominal pressure (m)	Max capacity (m3/h)	Max suction height (m)	Turbine passage (mm)
EFE-37050 TBZ1.5	50	1.5	3.5	15	15	27	22	8.5
EFE-37080TBZ1.5	80	1.5	3.5	30	8	40	14.5	8.5
EFE-37050TBZ2.2	50	2.2	5.0	18	20	33	26	8.5
EFE-370 80TBZ2.2	80	2.2	5.0	36	11	55	19	8.5
EFE-37050 TBZ3.7	50	3.7	7.7	12	30	33	34	8.5
EFE-37080 TBZ3.7	80	3.7	7.7	30	20	55	29	8.5
EFE-370100 TBZ3.7	100	3.7	7.7	60	11.5	90	18.5	8.5
EFE-37080TBZ5.5	80	5.5	11.4	36	25	75	34	8.5
EFE-370100TBZ5.5	100	5.5	11.4	60	16	105	23	8.5
EFE-370100 TBZ7,5	100	7.5	15	48	30	84	40	11.5
EFE-370150 TBZ7,5	150	7.5	15	90	15	124.8	31	19.5
EFE-370100TBZ11	100	11	20	60	35	84	48.5	11.5
EFE-370 150TBZ11	150	11	20	102	22	147	32	19.5
EFE-370100TBZ15	100	15	255	60	42	84	56	11.5
EFE-370 150TBZ15	150	15	255	102	30	156	40	19.5

Performance curves :



SUBMERSIBLES PUMPS DE DRAINAGE EN CAST IRON AUTOMATIQUE

EFE-370TBZE



EFE-370TBZE pumps feature an Engine and pump casing in rigid Cast iron, a semi-open impeller in high-chromium alloy and a wearplate in ductile Cast iron, for superior strength and durability.

Efficient cooling of the Engine thanks to a discharge channel integrated into the Engine housing. Space-saving design thanks to superior Output. Discharge output from 50 mm to 100 mm, Engine from 1.5 kW to 5.5 kW.

EFE-370TBZE series pumps operate automatically with the help of an integrated intelligent control system. This system helps the end user to reduce electricity costs on the construction site or industrial site.

Technical Specifications :

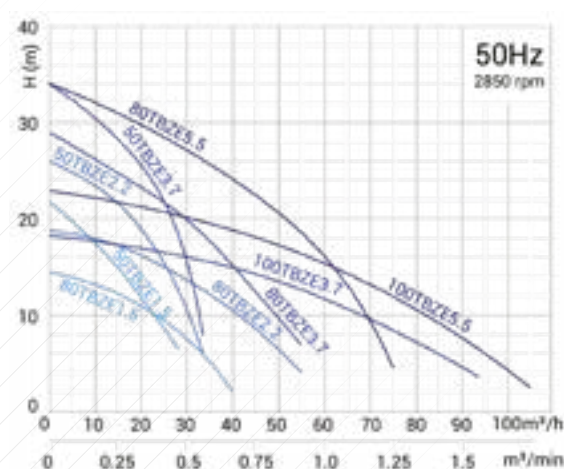
- Capacity: up to 105 m³/h
- Head: up to 34 metres
- Power: 1.5 kW to 5.5 kW
- Power supply: three-phase 400V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 25 m

Options available: other voltage, other cable length

Dimensions and weights :

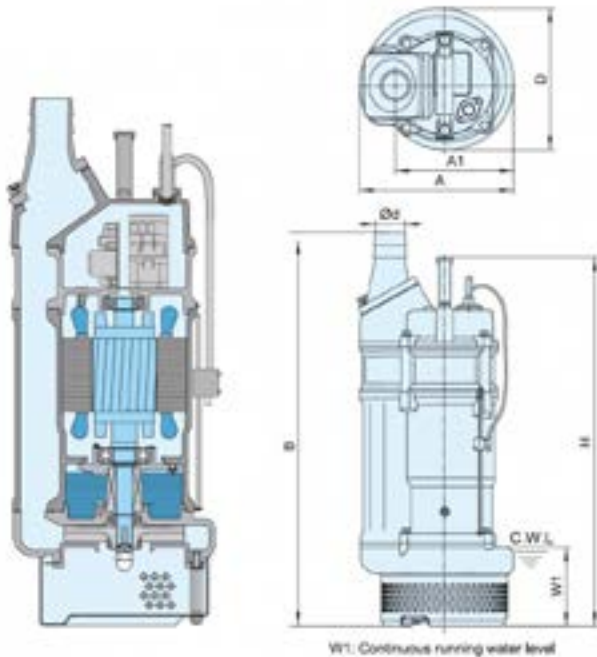
Model (50 Hz)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W. (kg)	Package dimensions(mm)
EFE-37050TBZE1.5	50	245	196	623	216	577	120	41	45	695 X 265 X 275
EFE-37080TBZE1.5	80	240	204	631	216	577	120	41	45	695 X 265 X 275
EFE-37050TBZE2.2	50	240	196	623	216	577	120	44	48	695 X 265 X 275
EFE-37080TBZE2.2	80	240	204	631	216	577	120	44	48	695 X 265 X 275
EFE-37050TBZ3.7	50	293	234	708	252	708	150	71	76	790 X 320 X 305
EFE-37080TBZ3.7	80	293	240	716	252	708	150	71	76	790 X 320 X 305
EFE-370100TBZ3.7	100	299	249	729	252	708	150	72	77	790 X 320 X 305
EFE-37080TBZE5.5	80	329	259	769	300	663	150	85.5	92.5	845 X 355 X 375
EFE-370100TBZE5.5	100	329	268	782	300	663	150	85.5	92.5	845 X 355 X 375

Performance curves :





Materials composition :



Elements	Materials
Raccord tuyau	Cast iron
Handle	Rubber and steel
Engine body	Cast iron
Pump body	Cast iron
Roue	Cast iron
Plate d'entrée	High chromium alloy
Filtre	Steel
Stateur	Steel
Rotor	Cast iron
Tree	Stainless steel aisi420ss
Bearing	Ball bearing
Mechanical seal	Silicium-carbide (2'3.7 Kw)

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (400V)	Nominal capacity (m3/h)	Nominal pressure (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 50TBZE1.5	50	1.5	3.5	15	15	27	22	8.5
EFE-370 80TBZE1.5	80	1.5	3.5	30	8	40	14.5	8.5
EFE-370 50TBZE2.2	50	2.2	5.0	18	20	33	26	8.5
EFE-370 80TBZE2.2	80	2.2	5.0	36	11	55	19	8.5
EFE-370 50TBZE3.7	50	3.7	7.7	12	30	33	34	8.5
EFE-370 80TBZE3.7	80	3.7	7.7	30	20	55	29	8.5
EFE-370 100TBZE3.7	100	3.7	7.7	60	11.5	90	18.5	8.5
EFE-370 80TBZE5.5	80	5.5	11.4	36	25	75	34	8.5
EFE-370 100TBZE5.5	100	5.5	11.4	60	16	105	23	8.5

Intelligent control system :

- Protects against phase inversion, ensuring correct wheel rotation.
- Protects against open phase or wheel lock-up, preventing accidental damage.
- Automatically stops the pump in the event of overload or abnormal voltage, restoring after 5 minutes.
- The pump stops running at high temperature and restarts automatically after cooling down to the specified temperature.
- The height of the water level sensor can be adjusted to counteract pump operation.
- The pump stops operating within 60 seconds when the water level falls below the water level probe, maintaining a dwell time of 180 seconds; after 180 seconds, when the water level rises above the water level probe, the pump starts operating again.
- Evaluation of pump operation and malfunction history.

LIGHT DRAINAGE SUBMERSIBLE PUMPS

EFE-370TBA



The new EFE-370TBA series pumps offer the same robustness as the other models while providing additional portability thanks to the aluminum motor housing, which is lighter than cast iron.

The EFE-370TBA series pumps are also suitable for construction site dewatering, underground tunnels, and general pumping operations.

Technical Specifications :

- Capacity: up to 54 m³/h
- Head: up to 35 metres
- Power: 1.5 kW to 5.5 kW
- Power supply: three-phase 400V $\pm$ 10%, 50 Hz
- Power supply: Single-phase 230V+/-10%, 50Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C PH: 6.5 to 8.6
- Max. water depth : 25 m

Applications :

- Construction sites

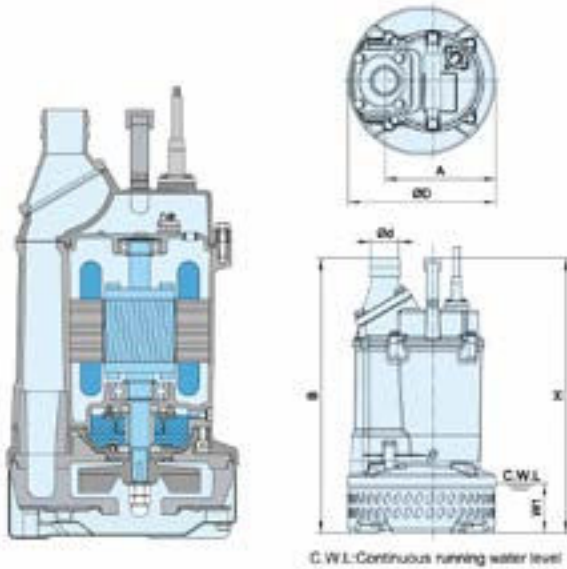
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions(mm)
EFE-37050TBAM1	50	180	515	240	515	80	25.5	29	600 x 270 x 285
EFE-37080TBAM1.5	80	190	539	240	515	80	26	29.5	600 x 270 x 285
EFE-37050TBA1.5	50	180	445	240	445	80	22.5	26	530 x 270 x 285
EFE-37080TBA1.5	80	190	469	240	445	80	23	26.5	530 x 270 x 285
EFE-37050TBA2.2	50	180	445	240	445	80	25	28.5	530 x 270 x 285
EFE-37080TBA2.2	80	2190	469	240	445	80	25.5	29	530 x 270 x 285
EFE-37050TBA3.7	50	222	583	285	582	90	40.5	45.5	670 x 310 x 335
EFE-37080TBA3.7	80	224	580	285	582	90	40.5	45.5	670 x 310 x 335
EFE-370100TBA3.7	100	224	605	285	582	90	41.5	46.5	670 x 310 x 335
EFE-37080TBA5.5	80	224	580	285	582	90	46.5	51.5	670 x 310 x 335
EFE-370100TBA5.5	100	224	605	285	582	90	47.5	52.5	670 x 310 x 335



Materials composition :



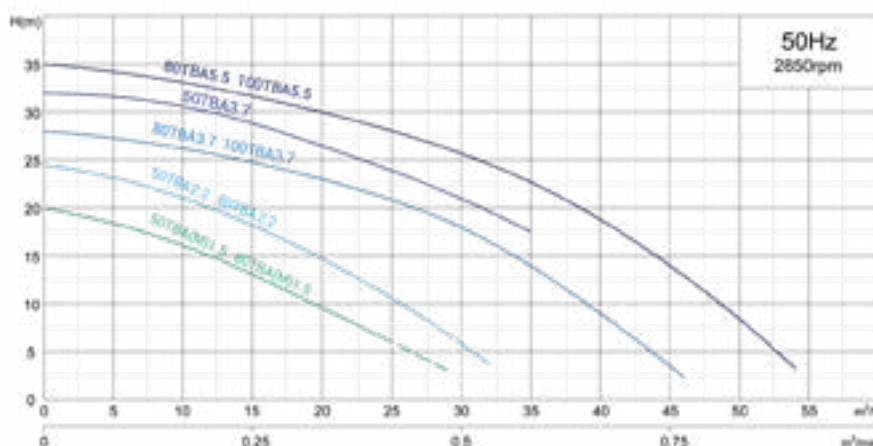
Elements	Materials
Output pompe	Cast aluminium
Handle	Rubber and steel AISI304SS
Top cover	Cast aluminium
Boitier de Bearing	Cast aluminium
Boitier d'échantéité	Cast aluminium
Engine body	Cast iron
Pump body	SBR
Turbine	High-chromium aluminum
Tuyau de montée d'huile	PA66+GF30
Bearing	NBR
Rotor	Stainless steel
Bearing	Balls
Mechanical seal	Silicium-carbide

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Voltage (V)	Amperage (A)	Nominale capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37050 TBAM1.5	50	1.5	230	10	12	15	25	20	8.5
EFE-37080 TBAM1.5	80	1.5	230	10	12	15	29	20	8.5
EFE-37050 TBA1.5	50	1.5	400	3.5	12	15	25	20	8.5
EFE-37080 TBA1.5	80	1.5	400	3.5	12	15	29	20	8.5
EFE-37050 TBA2.2	50	2.2	400	5.0	12	20	28	24	8.5
EFE-37080 TBA2.2	80	2.2	400	5.0	12	20	32	24	8.5
EFE-37050 TBA3.7	50	3.7	400	8.1	12	30	35	32	8.5
EFE-37080 TBA3.7	80	3.7	400	8.1	30	18	46	28	8.5
EFE-370100 TBA3.7	100	3.7	400	8.1	30	18	46	28	8.5
EFE-37080 TBA5.5	80	5.5	400	11.2	36	22	54	35	8.5
EFE-370100 TBA5.5	100	5.5	400	11.2	36	22	54	35	8.5

Les pompes «TBAM» sont monophasée, les autres sont triphasées.

Performance curve :



SUBMERSIBLE PUMPS DE LIGHT AND AUTOMATIC DRAINAGE^E

FE-370TBAE



The new EFE-370TBAE series pumps offer the same robustness as the other Models, while providing additional portability thanks to an aluminum motor housing that is lighter than cast iron.

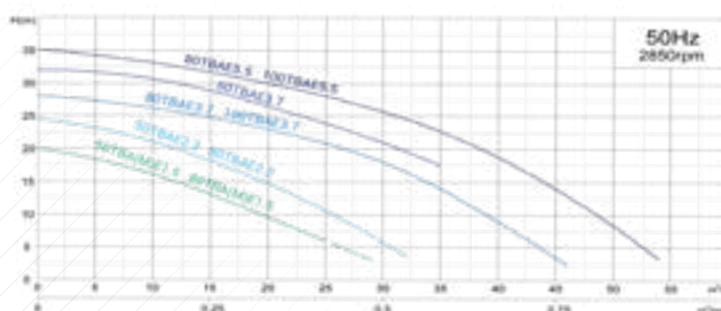
EFE-370TBAE series pumps are also suitable for dewatering on construction sites, underground tunnels and pumping tunnels and general pumping operations.

EFE-370TBAE series pumps operate automatically by means of an integrated Intelligent Control System. This system helps the end-user to reduce electricity costs on the construction or industrial site.

Technical Specifications :

- Capacity: up to 54 m³/h
- Head: up to 35 metres
- Power: Single-phase 1.5kW,
- Three-phase from 1.5kW to 5.5kW
- Power supply: Single-phase 220V +/- 10%, 50Hz
- Power supply: Three-phase 400V ± 10%, 50Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 25 m

Performance curves :

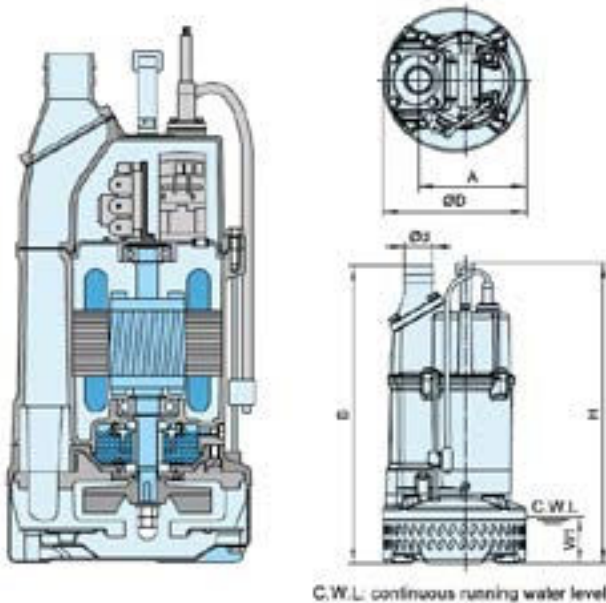


Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Dimensions colis (mm)
EFE-37050TBAME1.5	50	178	515	240	515	80	26.5	31	600 x 270 x 285
EFE-37080TBAME1.5	80	190	550	240	515	80	27	32	600 x 270 x 285
EFE-37050TBAE1.5	50	178	515	240	515	80	24.5	29	600 x 270 x 285
EFE-37080TBAE1.5	80	190	550	240	515	80	25	30	600 x 270 x 285
EFE-37050TBAE2.2	50	178	515	240	515	80	27	31	600 x 270 x 285
EFE-37080TBAE2.2	80	190	550	240	515	80	27.5	32.5	600 x 270 x 285
EFE-37050TBAE3.7	50	222	628	285	658	90	42.5	48	670 x 310 x 335
EFE-37080TBAE3.7	80	224	625	285	658	90	42.5	48	670 x 310 x 335
EFE-370100TBAE3.7	100	224	650	285	658	90	43.5	49	670 x 310 x 335
EFE-37080TBAE5.5	80	224	625	285	658	90	48.5	52	670 x 310 x 335
EFE-370100TBAE5.5	100	224	650	285	658	90	49.5	53	670 x 310 x 335



Materials composition :



Elements	Materials
Pipe fitting	Cast iron d'aluminium
Handle	Rubber and steel
Top cover	Cast iron d'aluminium
Bearing housing	Cast iron
Sealing box	Cast iron d'aluminium
Engine body	Cast iron d'aluminium
Pump body	NBR
Turbine	High chromium alloy
Inlet plate	NBR
Oil return tube	NBR
Sand filter	PA66+GF30
Tree	Stainless steel
Bearing	Ball bearing
Mechanical seal	Silicium carbide
Clamping plate	Steel

Performances :

Model (50 HZ)	Output (mm)	Engine (kW)	Voltage (V)	Amperage (A)	Nominal capacity (m3/h)	Nominal Height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37050 TBAME1.5	50	1.5	220	10	12	15	25	20	8.5
EFE-37080 TBAME1.5	80	1.5	220	10	12	15	29	20	8.5
EFE-37050 TBAE1.5	50	1.5	400	3.5	12	15	25	20	8.5
EFE-37080 TBAME1.5	80	1.5	400	3.5	12	15	29	20	8.5
EFE-37050 TBAE2.2	50	2.2	400	5.0	12	20	28	24	8.5
EFE-37080 TBAE2.2	80	2.2	400	5.0	12	20	32	24	8.5
EFE-37050 TBAE3.7	50	3.7	400	8.1	12	30	35	32	8.5
EFE-37080 TBAE3.7	80	3.7	400	8.1	25	21	46	28	8.5
EFE-370100 TBAE3.7	100	5.5	400	8.1	25	21	46	28	8.5
EFE-37080 TBAE5.5	80	5.5	400	11.2	30	25	54	35	8.5
EFE-370100 TBAE5.5	100	5.5	400	11.2	30	25	54	35	8.5

"TBAM" pumps are single-phase, the others are three-phase.

Intelligent control system :

- Protects against phase inversion, ensuring correct wheel rotation (3-phase only) ;
- Protects against open phase or wheel lock-up, preventing accidental damage ;
- Automatically stops the pump in the event of overload or abnormal voltage, with recovery after 5 minutes ;
- The pump stops operating at high temperature and will restart automatically after specified temperature ;
- The height of the water level sensor can be adjusted to control pump operation ;
- The pump stops working within 60 seconds when the water level is lower than the water level sensor, which maintains the stop time for 180 seconds, after the 180 seconds, during which time the water level is higher than the water level sensor, the pump works again ;
- Evaluation of pump operation and malfunction history (3 phases only).

CAST-IRON SUBMERSIBLE MIXER PUMPS

EFE-370TBD



The EFE-370TBD series of pumps with Agitators for slurry or sand are all made of heavy-duty Cast iron.

The side-flow, top-discharge design enables the Engine to be cooled even when the pump is running continuously in a semi-submerged state.

The EFE-370TBD pumps are equipped with heavy-duty Cast iron Agitators, which allow the suction and transfer of water containing sand, sludge, concreteite, etc...

Applications: drainage in civil engineering works, cleaning of sand pits, etc.

Technical Specifications :

- Capacity: up to 100 m³/h
- Head: up to 32 metres
- Power: 1.5 kW to 5.5 kW
- Power supply: three-phase 400V ± 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 25 m

Optional features :

- Other voltages
- Other cable lengths
- High-temperature version for operation in water up to 80°C.
(Technical and performance data may vary for this version)

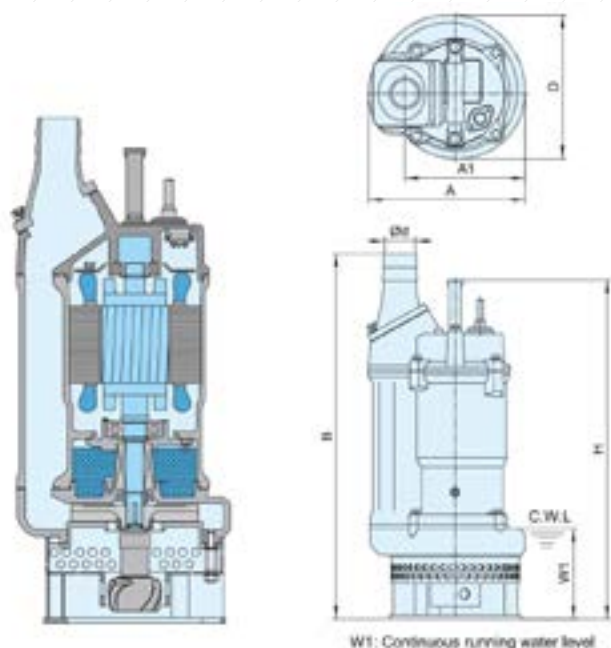
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions(mm)
EFE-50TBD1.5	50	240	196	568	216	522	135	37	41	640 x 265 x 275
EFE-80TBD1.5	80	240	204	576	216	522	135	37	41	640 x 265 x 275
EFE-50TBD2.2	50	240	196	568	216	522	135	40	44	640 x 265 x 275
EFE-80TBD2.2	80	240	204	576	216	522	135	40	44	640 x 265 x 275
EFE-80TBD3.7	80	293	240	650	252	642	165	64	69	725 x 320 x 295
EFE-100TBD3.7	100	293	249	663	252	642	165	65	70	725 x 320 x 295
EFE-80TBD5.5	80	329	259	712	300	606	165	78	85	790 x 350 x 335
EFE-100TBD5.5	100	329	268	725	300	606	165	79	86	790 x 350 x 335



Materials composition :

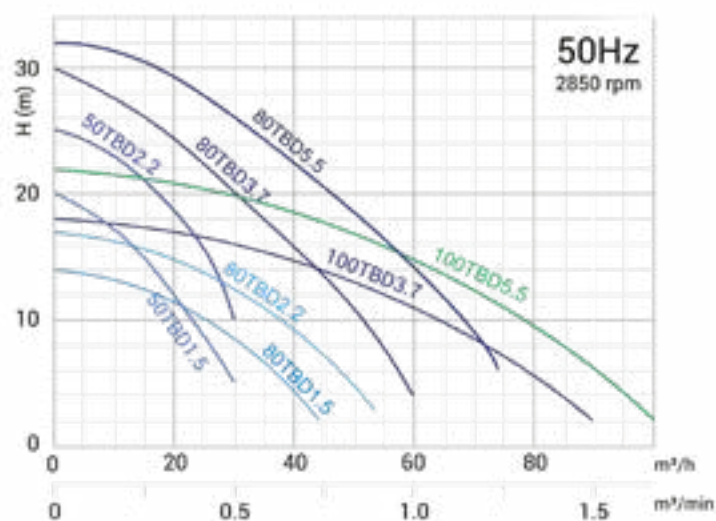


Elements	Materials
Output pompe	Cast iron
Handle	Rubber and steel
Engine body	Cast iron
Pump body	Cast iron
Turbine	High-chromium aluminum
Plate	Cast iron ductile
Sealing gasket	Stainless steel
Rotor	AISI 420 SS
Bearing	Ball bearing
Mechanical seal	Silicon carbide (2,2 kW) Silicon carbide (3.7kW)

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A)	Noinal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37050TBD1.5	50	1.5	3.5	15	15	30	20	10
EFE-37080TBD1.5	80	1.5	3.5	30	7	42	14	10
EFE-37050TBD2.2	50	2.2	5.0	18	19	30	25	10
EFE-37080TBD2.2	80	2.2	5.0	36	11	52	17	10
EFE-37080TBD3.7	80	3.7	7.7	30	20	60	30	10
EFE-370100TBD3.7	100	3.7	7.7	60	11	90	18	10
EFE-37080TBD5.5	80	5.5	11.4	36	24	74	32	10
EFE-370100TBD5.5	100	5.5	11.4	60	14	100	22	10

Performance curves :



AUTOMATIC CAST-IRON SUBMERSIBLE AGITATION PUMPS

EFE-370TBDE



The EFE-370TBD pump series with Agitators for side-flow and top-discharge design enables the Engine to be cooled even when the pump is running continuously in a semi-submerged state.

The EFE-370TBD pumps are equipped with heavy-duty Cast Iron Agitators, which allow the suction and transfer of water containing sand, sludge, concreteite, etc... Applications: drainage in civil engineering works, cleaning of sand pits, etc.

These pumps are also equipped with an Intelligent Control System that allows the pump to operate completely independently.

Technical Specifications :

- Capacity: up to 100 m³/h
- Head: up to 32 metres
- Power: 1.5 kW to 5.5 kW
- Power supply: three-phase 400V ± 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 25 m

Caractéristiques optionnelles :

- Other voltages
- Other cable lengths
- High-temperature version for operation in water up to 80°C
(Technical and performance data may vary for this version°)

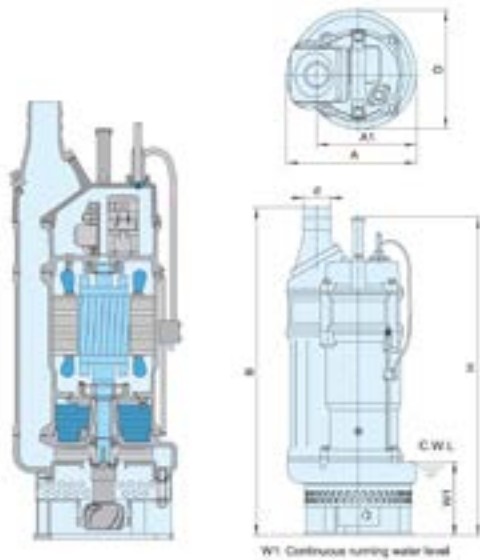
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37050TBDE1.5	50	240	196	640	216	594	135	43	47	710 x 265 x 275
EFE-37080TBDE1.5	80	240	204	648	216	594	135	43	47	710 x 265 x 275
EFE-37050TBDE2.2	50	240	196	640	216	594	135	46	50	710 x 265 x 275
EFE-37080TBDE2.2	80	240	204	648	216	594	135	46	50	710 x 265 x 275
EFE-37080TBDE3.7	80	293	240	729	252	721	165	72	77	805 x 320 x 295
EFE-370100TBDE3.7	100	293	249	742	252	721	165	73	78	805 x 320 x 295
EFE-37080TBDE5.5	80	329	259	782	300	676	165	86	93	805 x 320 x 295
EFE-370100TBDE5.5	100	329	268	795	300	676	165	87	94	805 x 320 x 295



Materials composition :

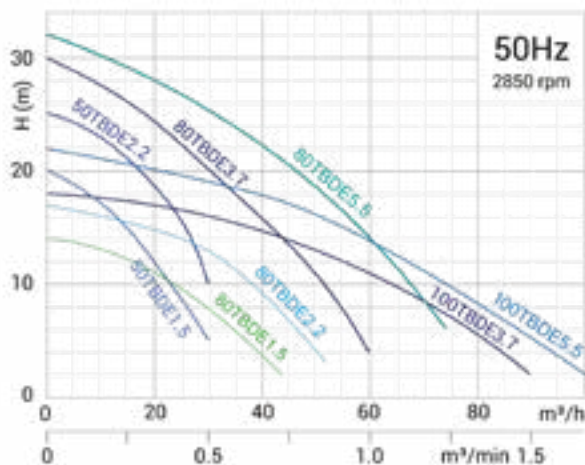


Elements	Materials
Output pompe	Cast iron
Handle	Rubber and steel
Top cover	Cast iron
Upper support	Cast iron
Engine body	Cast iron
Pump body	Cast iron
Turbine	High-chromium aluminum
Agitator	High-chromium aluminum
Plate	Stainless steel
Crépine	Steel
Rotor	AISI420SS
Bearing	Ball bearing
Bearing	Ball bearing
Mechanical seal	Silicon carbide (2.2Kw); Silicon carbide (3.7Kw)

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A)	Capacité nominale (m ³ /h)	Hauteur nominale (m)	Max capacity (m ³ /h)	Nominal pressure (m)	Passage des solides (mm)
EFE-37050TBDE1.5	50	1.5	3.5	15	15	30	20	10
EFE-37080TBDE1.5	80	1.5	3.5	30	7	42	14	10
EFE-37050TBDE2.2	50	2.2	5.0	18	19	30	25	10
EFE-37080TBDE2.2	80	2.2	5.0	36	11	52	17	10
EFE-37080TBDE3.7	80	3.7	7.7	30	20	60	30	10
EFE-370100TBDE3.7	100	3.7	7.7	60	11	90	18	10
EFE-37080TBDE5.5	80	5.5	11.4	36	24	74	32	10

Performance curves :



Intelligent control system :

Protects against phase inversion, ensuring correct wheel rotation.

Protects against open phase or wheel lock, preventing accidental damage.

Automatically stops the pump in case of overload, abnormal voltage with recovery after 5 minutes.

The pump stops working at high temperature and will restart automatically after cooling to the specified temperature. The height of the water level sensor is adjustable for automatic pump operation.

The pump stops working within 60 seconds when the water level is lower than the water level sensor, which keeps the stop time for 180 seconds, after the 180 seconds, meanwhile the water level is higher than the water level sensor, the pump works again.

Assessment of pump operation and malfunction history.

SUBMERSIBLES PUMPS AVEC AGITATOR A GRANULOMETRIE ÉLEVÉE

EFE-370TBS



Les pompes **EFE-370TBS** sont équipées d'une turbine en High chromium alloy combinée à un Agitator.

Elles conviennent au transfert d'eau chargée de sable, et de boue, pour des applications minières, de construction et de traitement des eaux usées municipales pour le nettoyage des sablières, l'approfondissement du fond, le pompage d'eau contenant une grande quantité de boue, de sable et de particules abrasives.

Technical Specifications :

- Capacité : jusqu'à 390 m³/h
- Hauteur de refoulement : jusqu'à 39 mètres
- Puissance : 4 kW à 37 kW
- Alimentation : Triphasé 380/400V ± 10%, 50 Hz
- Classe d'isolation : F
- Classe de protection : IP68
- Longueur du câble : 8 ou 20 m
- Température de l'eau : jusqu'à 40°C
- Profondeur d'eau max. : 15 m

Applications :

- Mines et carrières
- Chantiers de construction
- Stations d'épuration de eaux usées
- Transfert d'eau riche en boue, en sable et en particules abrasives
- Assèchement de fond
- Nettoyage de sablières, de réservoirs de boues et de bassins de résidus

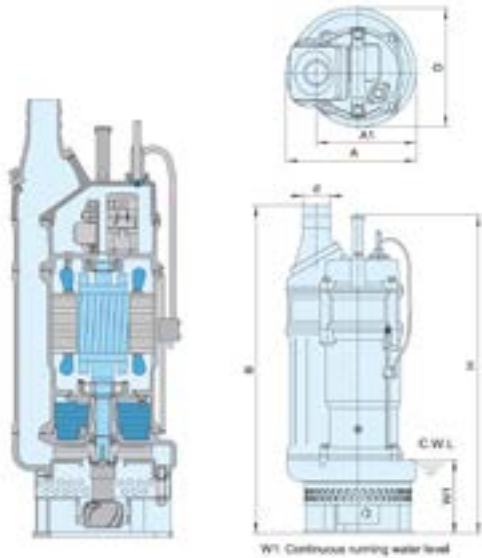
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	B1 (mm)	D (mm)	H (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Dimensions colis (mm)
EFE-37080BS4	80	366	270	802	680	340	765	250	108.5	119	855 x 385 x 395
EFE-370100TBS6	100	420	308	844	683	378	768	250	141	151	880 x 450 x 455
EFE-370150TBS9	150	434	324	889	727	407	813	250	171	183	940 x 470 x 475
EFE-370150TBS11	150	434	324	926	765	407	850	250	197	210	980 x 465 x 465
EFE-370200TBS15	200	484	352	1121	890	457	1025	295	260	290	1285 x 570 x 705
EFE-370200TBS22	200	575	442	1243	1011	528	1200	330	408	458	1455 x 660 x 765
EFE-370200TBS30	200	622	469	1378	1147	543	1345	432	510	560	1565 x 700 x 775
EFE-370200TBS37	200	622	469	1378	1147	543	1345	432	535	585	1565 x 700 x 775



Materials composition :



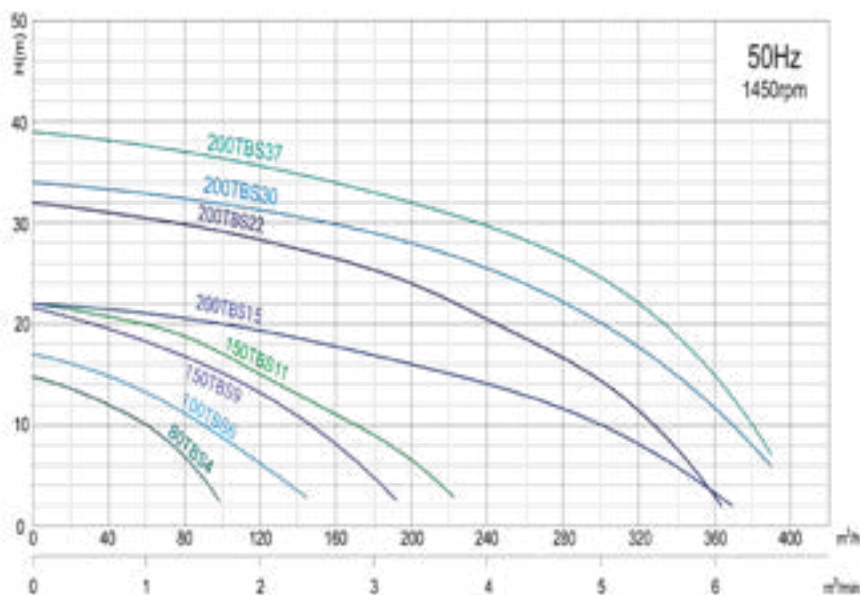
Elements	Materials
Output pompe	Cast iron
Handle	Rubber and steel
Top cover	Cast iron
Upper support	Cast iron
Engine body	Cast iron
Pump body	High-chromium aluminum
Turbine	High-chromium aluminum
Agitator	Cast iron ductile
Plate	Stainless steel
Crépine	Steel
Rotor	AISI420SS
Bearing	Bearing à bille
Bearing	Bearing à bille
Mechanical seal	Céramique-carbone (2.2Kw); Silicon carbide (3.7Kw)

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A)	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37080BS4 *	80	4	10.2	60	10	99	14.8	30
EFE-370100TBS6 *	100	6	13.8	90	10	144	16.9	30
EFE-370150TBS9 *	150	9	19.5	100	15	192	21.5	30
EFE370150TBS11 *	150	11	22	120	15	234	22	30
EFE-370200TBS15 *	200	15	30.1	200	16	372	22	30
EFE-370200TBS22	200	22	42	200	24	360	32	30
EFE-370200TBS30	200	30	57.6	200	28	390	34	30
EFE-370200TBS37	200	37	69.8	200	32	390	39	30

Pumps with a "*" have a D.O.L. starting method, and those without a symbol have a Star-Delta starting method.

Performance curves :



SUBMERSIBLE PUMPS HIGH-SPEED SEWAGE PUMPS

EFE-370TBL



The EFE-370TBL 4-pole submersible pumps are designed for dewatering large volumes of wastewater with solids on construction sites, quarries, flood control applications and on various industrial installations.

The Engine's low speed combined with an efficient top discharge cooling design ensures reliable operation and extended working life in demanding conditions.

Technical Specifications :

- Capacity: up to 330 m³/h
- Head: up to 15 meters
- Power: 3 kW to 9 kW
- Power supply: three-phase 400V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20 m
- Max. water depth : 15 m

Options available: other voltage, other cable length

Applications :

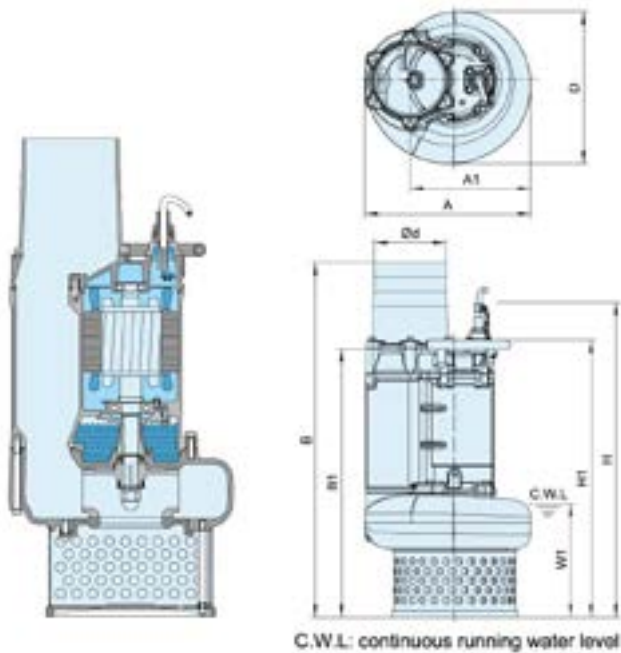
- Construction sites
- Quarries
- Flooding

Dimensions and weights :

Model (50 HZ)	d (mm)	A (mm)	A1 (mm)	B (mm)	B1 (mm)	D (mm)	H (mm)	H1 (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-370 150TBL3	150	386	290	864	702	368	787	725	285	101	113	905 x 420 x 500
EFE-370 200TBL5.5	200	447	325	957	725	410	809	748	295	131	147	995 x 485 x 540
EFE-370 200TBL9	200	479	358	938	706	413	789	714	250	175	192	985 x 515 x 545



Materials composition :

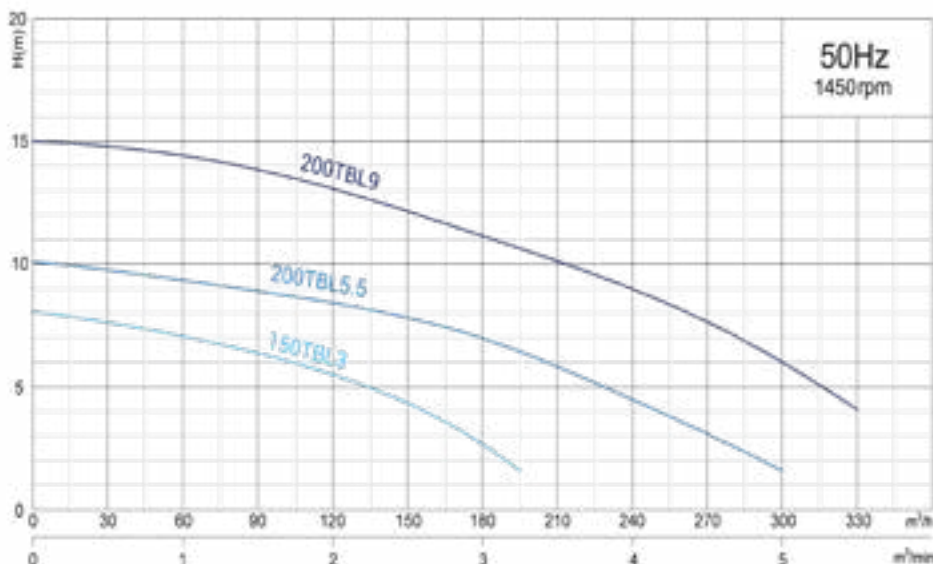


Elements	Materials
Output pompe	Cast iron
Handle	Steel
Top cover	Cast iron
Upper support	Cast iron
Discharge housing	Cast iron
Engine body	Cast iron
Pump body	Cast iron
Turbine	Cast iron ductile
Plate	Cast iron ductile
Strainer	Steel
Rotor	AISI420SS
Bearing	Ball bearing
Mechanical seal	Silicon carbide

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A)	Nominal capacity (m ³ /h)	Nominal height (m)	Max capacity (m ³ /h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 150TBL3	150	3	6.7	120	5.5	195	8	15
EFE370 200TBL5.5	200	5.5	11.7	180	7	300	10	20
EFE-3702 00TBL9	200	9	19.5	180	11	330	15	30

Performance curves :



SPECIAL-PURPOSE SUBMERSIBLE STEEL DRAINAGE PUMP^E

FE-370TSS



EFE-370TSS series stainless steel submersible pumps are used to convey chemically aggressive and abrasive liquids on mining and industrial sites.

All pump parts in contact with water are made of stainless steel.

Technical Specifications :

- Max capacity: 150 m³/h
- Head: up to 48.5m
- Power: 1.5 KW to 11 KW
- Power supply: three-phase 400V $\pm$ 10%, 50 Hz
- Insulation class: F
- Protection class: IP68
- Water temperature: up to 40°C
- Max. water depth : 25 m

Options available: other voltage, other cable length

Applications :

- Industrial sites
- Mining and quarrying sites
- Drainage and contaminated water
- Wastewater treatment plants

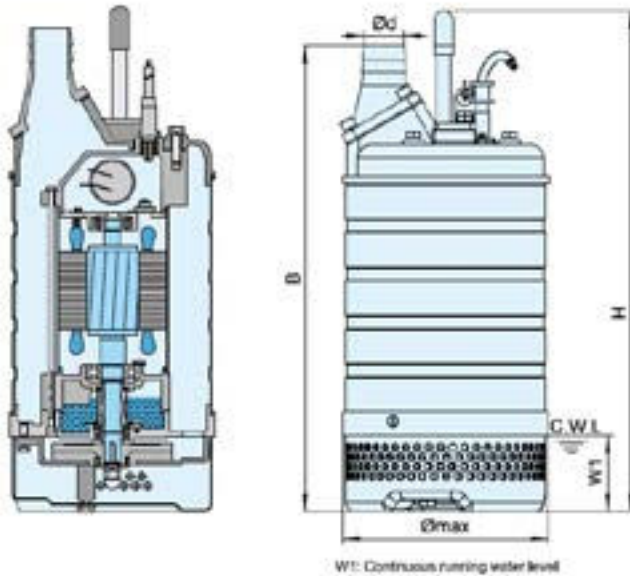
Dimensions :

Model (50 HZ)	H (mm)	B (mm)	Ømax (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-37050TSS1.5	563	540	240	87	37	41	620 x 270 x 315
EFE-37080TSS1.5	563	540	240	87	37	41	620 x 270 x 315
EFE-37050TSS2.2	613	590	240	87	40	44	620 x 270 x 315
EFE-37080TSS2.2	613	590	240	87	40	44	620 x 270 x 315
EFE-37050TSS3.7	515	591	300	76	58	64	670 x 320 x 345
EFE-37080TSS3.7	515	616	300	76	58	64	670 x 320 x 345
EFE-370 00TSS3.7	555	656	300	76	59	65	670 x 320 x 345
EFE-37080TSS5.5	565	641	300	76	66	72	710 x 320 x 345
EFE-370100TSS5.5	605	681	300	76	67	73	710 x 320 x 345
EFE-370100TSS7.5	700	810	355	142	108	120	894 x 394 x 455
EFE-370150TSS7.5	700	810	355	142	110	122	894 x 394 x 455
EFE-370100TSS11	745	855	355	142	123	135	954 x 394 x 455

B: Height between bottom and Output of pumps
H: Height from bottom of pumps to top of handles



Materials composition :

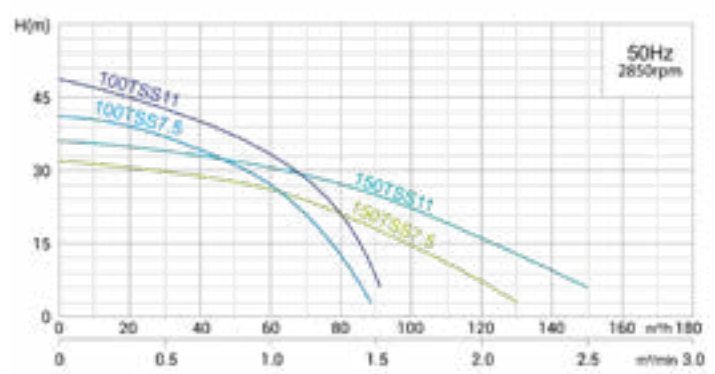
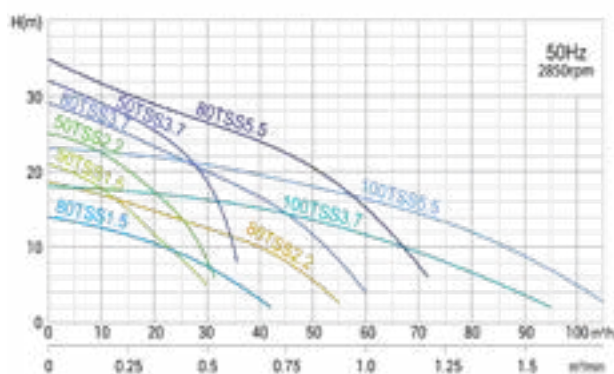


Element	Materials
Handle	Rubber and steel
Top cover	AISI304SS
Pipe connector	AISI304SS
Upper bearing	AISI304SS
Discharge housing	AISI304SS
Sealing gasket	AISI304SS
Engine casing	Stainless steel
Outer casing	AISI304SS
Impulser	AISI304SS
Diffuser	AISI304SS
Turbine	AISI304SS
Strainer	AISI304SS
Bearing	Ball bearing
Condensator	(single-phase capacitor only)
Mechanical seal	Carbon-ceramic
Power cable	H07RN-F

Performances :

Model (50 HZ)	Output (mm)	Engine (kW)	Amperage (A)	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-37050TSS1.5	50	1.5	3.5	15	15	30	21	8.5
EFE-37080TSS1.5	80	1.5	3.5	27	9	42	14	8.5
EFE-37050TSS2.2	50	2.2	5	20	18	32	25	8.5
EFE-37080TSS2.2	80	2.2	5	36	11	55	18.5	8.5
EFE-37050TSS3.7	50	3.7	7.7	18	26	36	32	8.5
EFE-37080TSS3.7	80	3.7	7.7	35	18.5	60	29	8.5
EFE-370100TSS3.7	100	3.7	7.7	60	11.5	95	18	8.5
EFE-37080TSS5.5	80	5.5	11.4	45	22	72	35	8.5
EFE-370100TSS5.5	100	5.5	11.4	60	16	105	23	8.5
EFE-370100TSS7.5	100	7.5	15	60	26	88	41	11.5
EFE-370150TSS7.5	150	7.5	15	80	20.5	130	32	19.5
EFE-370100TSS11	100	11	22	60	32	86.4	48.5	11.5
EFE-370150TSS11	150	11	22	90	25	150	34	19.5

Performance curves :



HIGH-PRESSURE SUBMERSIBLE DRAINAGE PUMPS

EFE-370MH



EFE-370MH series submersible pumps are designed to withstand the high pressures of deep-well dewatering.

The engine and pump body are made of rigid cast iron for long-term durability.

Maximum immersion depth is considerably increased by a special high-pressure Mechanical seal.

The Engine is cooled by the pumped water, ensuring safe operation even when the pump is running continuously in a semi-submerged state. Space-saving design thanks to Output on top of the motor-pump.

Technical Specifications :

- Capacity: up to 408 m³/h
- Head: up to 140 meters
- Power: 22 kW to 110 kW
- Power supply: three-phase 400V ± 10%, 50 Hz
- Insulation class: F/H
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 30

Applications :

- Mining sites
- Construction sites
- Deep well and high head dewatering
- Drainage of contaminated water
- General pumping applications

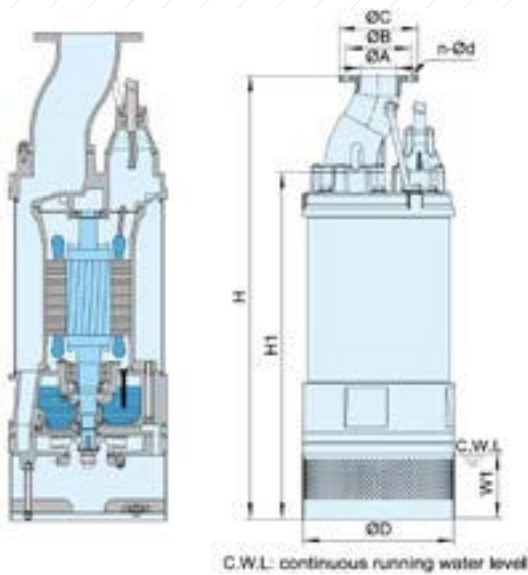
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	A (mm)	B (mm)	C (mm)	n- Ød (mm)	D (mm)	H (mm)	H1 (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-370-100MH22	100	180	220	8-Ø18	420	1374	1072	240	370	410	1495x490x705
EFE370-100MH30	100	180	220	8-Ø18	420	1374	1072	240	375	415	1495x490x705
EFE370-150MH22	150	240	285	8-Ø22	420	1434	1082	250	385	425	1565x490x705
EFE-370-150MH30	150	240	285	8-Ø22	420	1434	1082	250	390	430	1565x490x705
EFE-370-150MH37	150	240	285	8-Ø22	530	1424	1072	180	570	615	1605x600x860
EFE-370-150MH45	150	240	285	8-Ø22	530	1424	1072	180	575	620	1605x600x860
EFE-370-200MH37	200	295	340	12-Ø22	530	1474	1072	180	575	625	1605x600x860
EFE-370-200MH45	200	295	340	12-Ø22	530	1474	1072	180	580	630	1605x600x860
EFE-370-150MH55	150	240	285	8-Ø22	550	1630	1280	200	840	890	1815x620x920
EFE-370-150MH75	150	240	285	8-Ø22	550	1630	1280	200	888	938	1815x620x920
EFE-370-200MH55	200	295	340	12-Ø22	550	1680	1280	200	850	900	1815x620x920
EFE-370-150MH75	200	295	340	12-Ø22	550	1680	1280	200	898	948	1815x620x920
EFE-370-150MH90	150	250	300	8-Ø26	592	1687	1280	200	1110	1166	1825x665x965
EFE-370-200MH90	200	295	340	12-Ø22	592	1687	1282	200	1120	1176	1825x665x965
EFE-370-200MH110	200	295	340	12-Ø22	592	1687	1282	200	1150	1206	1825x665x965



Materials composition :

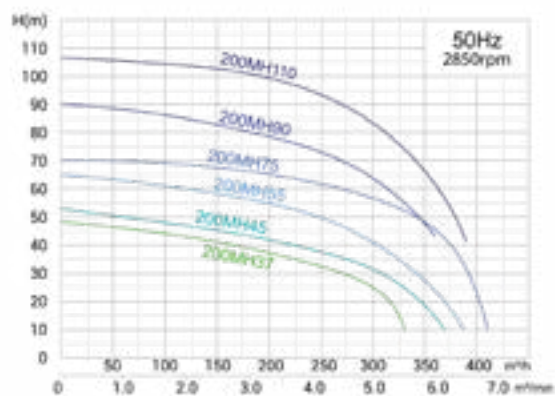
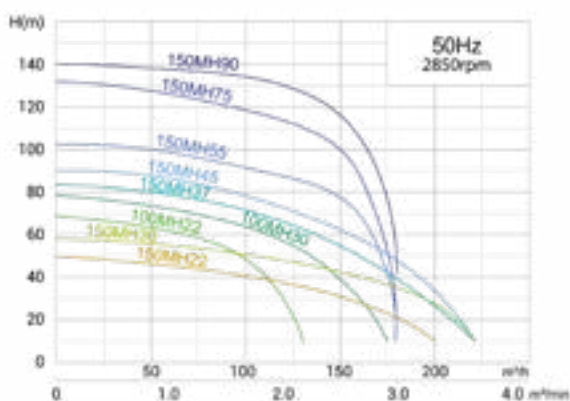


Elements	Materials
Discharge connection	Cast iron ductile
Terminal box	Cast iron
Top cover	Cast iron
Bearing housing	Cast iron
Engine body	Cast iron
Pump body	Cast iron
Turbine	High-chromium aluminum
Diffusers	Cast iron ductile
Suction plate	Cast iron ductile
Sealing gasket	Cast iron
Filter / strainer	AISI201SS
Rotor	Tree : AISI420SS
Mechanical seal	Silicon carbide

Performances :

Model (50 Hz)	Output (mm)	Engine (kW)	Amperage (A)	Nominal capacity (m ³ /h)	Nominal height (m)	Max capacity (m ³ /h)	Passage of solids (mm)
EFE-370-100MH22	100	22	41.5	66	60	130	6
EFE-370-100MH30	100	30	54	72	70	170	6
EFE-370-150MH22	150	22	41.5	120	37	200	15
EFE-370-150MH30	150	30	54	140	45	220	15
EFE-370-150MH37	150	37	66	120	65	220	6
EFE-370-150MH45	150	45	80	120	75	220	6
EFE-370-200MH37	200	37	66	216	35	330	20
EFE-370-200MH45	200	45	80	270	35	372	20
EFE-370-150MH55	150	55	100	90	90	180	8
EFE-370-150MH75	150	75	134	90	120	180	8
EFE-370-200MH55	200	55	100	240	50	390	20
EFE-370-200MH75	200	75	134	270	60	408	20
EFE-370-150MH90	150	90	162	120	128	180	10
EFE-370-200MH90	200	90	162	270	70	360	20
EFE-370-200MH110	200	110	198	270	90	390	20

Performance curves :



SUBMERSIBLE DRAINAGE PUMPS AT VERY HIGH PRESSURE

EFE-370MH EXTRA



EFE-370MH EXTRA series Submersible pumps are designed to withstand the high pressure of deep well dewatering.

The engine and pump body are made of rigid Cast Iron for long-term durability.

Maximum immersion depth is considerably increased by a special high-pressure Mechanical seal.
The Engine is cooled by the pumped water, ensuring safe operation even when the pump is running continuously in a semi-submerged state. Space-saving design thanks to top output.

Pumps in this series are equipped with double impellers to deliver very high pressures.

Technical Specifications :

- Capacity: up to 192 m³/h
- Head: up to 200 metres
- Power: 3.0 kW to 110 kW
- Power supply: three-phase 400V $\pm$ 10%, 50 Hz
- Insulation class: F/H
- Protection class: IP68
- Cable length: 20 m
- Water temperature: up to 40°C
- Max. water depth : 30

Applications :

- Mining and industrial sites
- Construction sites
- Deep-well dewatering
- Drainage of contaminated water
- General pumping applications

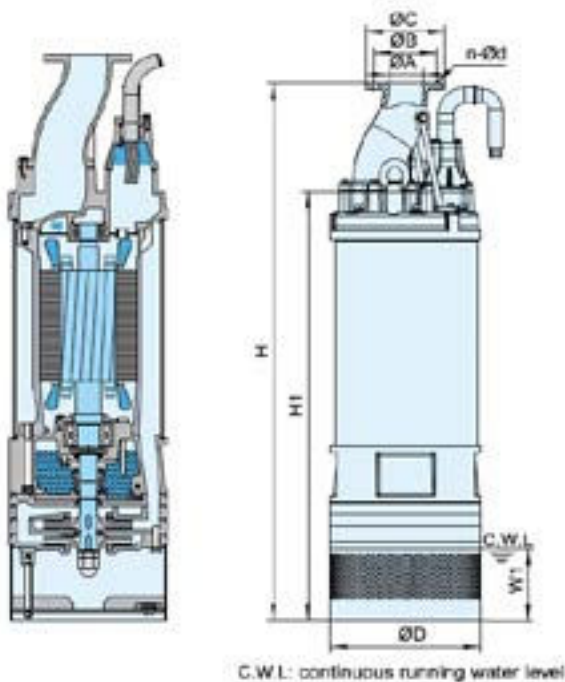
Options available: other voltage, other cable length

Dimensions and weights :

Model (50 HZ)	A (mm)	B (mm)	C (mm)	n- Ød (mm)	D (mm)	H (mm)	H1 (mm)	W1 (mm)	N.W. (kg)	G.W (kg)	Package dimensions (mm)
EFE-370 50MH3	50	-	-	-	185	685	570	146	52	57	740x220x295
EFE-370 50MH5.5	50	125	165	4-Ø18	243	788	616	170	100	107	840x280x385
EFE-370 80MH11	80	160	200	8-Ø18	275	1036	824	210	160	172	840x280x385
EFE-370 80MH22	80	160	200	8-Ø18	330	1174	914	260	278	308	840x280x385
EFE-370 100MH37	100	180	220	8-Ø18	420	1500	1198	227	500	540	840x280x385



Materials composition :



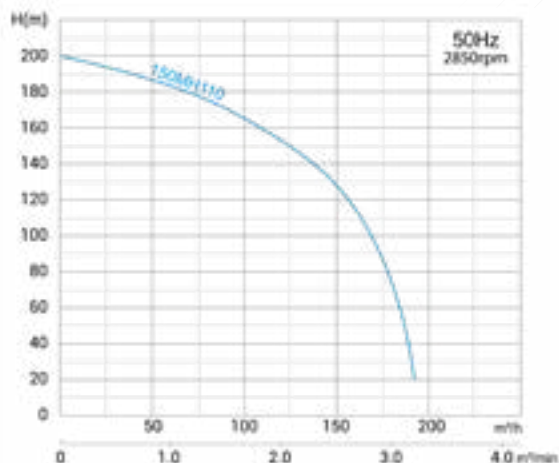
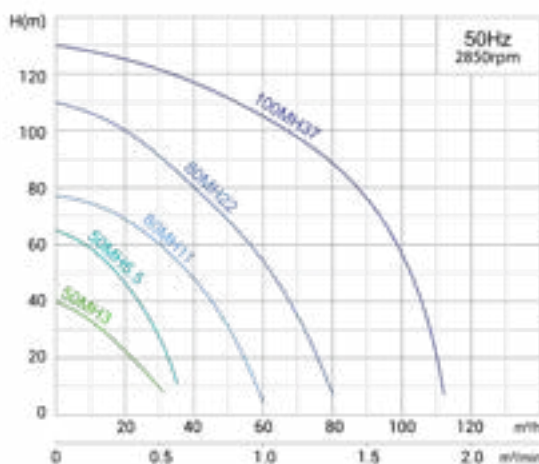
Elements	Materials
Discharge connection	Cast iron ductile
Terminal box	Cast iron
Top cover	Cast iron
Bearing housing	Cast iron
Engine body	Cast iron
Pump body	Cast iron
Turbine	High-chromium aluminum
Diffusers	Cast iron ductile
Suction plate	Cast iron ductile
Sealing gasket	NBR
Filter / strainer	High-chromium aluminum
Rotor	Steel Inoxidable AISI420SS
Cable fixing plate	Cast iron
Discharge fixing plate	Cast iron

Performances :

Model (50 HZ)	Output (mm)	Engine (KW)	Amperage (A)	Nominal capacity (m3/h)	Nominal height (m)	Max capacity (m3/h)	Nominal pressure (m)	Passage of solids (mm)
EFE-370 50MH3*	50	3.0	6.2	18	26	30	39	6
EFE-370 50MH5.5*	50	5.5	11.4	18	48	35	65	6
EFE-370 80MH11*	80	11	22	30	60	60	78	8.5
EFE-370 80MH22	80	22	41.5	40	80	78	110	8.5
EFE-370 100MH37	100	37	66	60	105	112	130	6
EFE-370 150MH110	150	110	198	120	150	192	200	8

Pumps with a "*" have a D.O.L. starting method, and those without a symbol have a Star-Delta starting method.

Performance curves :



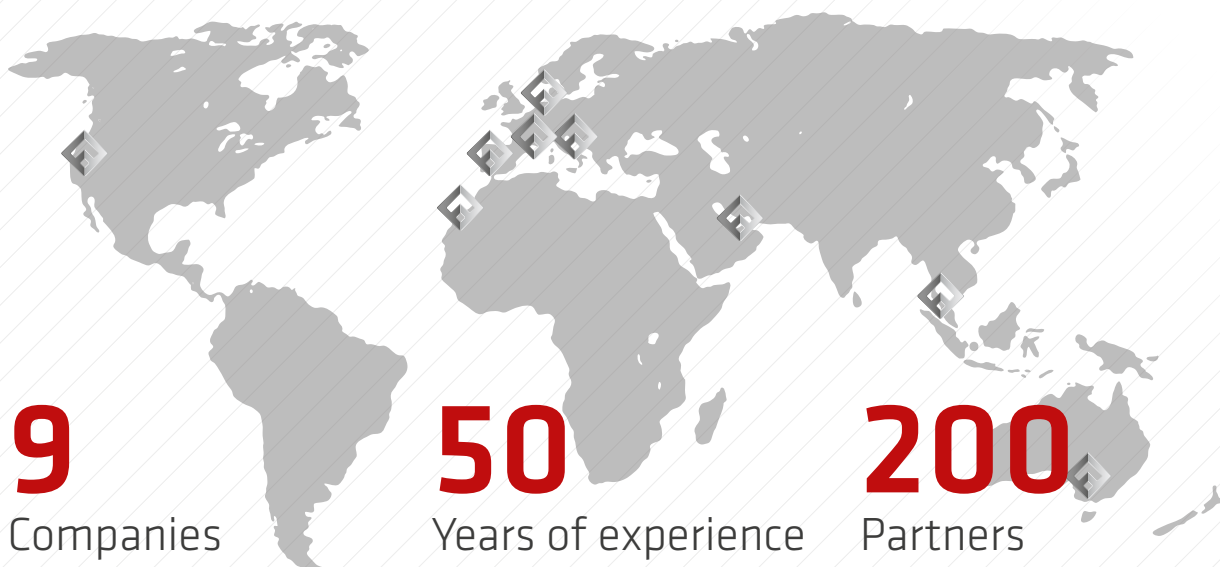


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