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E-Series

• Drainage • Sewage • Contractor • Jet Aerator

PUMP



Evak Pump Technology Corp.

— With experience at the helm.

At Evak we are proud of the long term experience and know how matured in the design of pumps and pumping related equipment. The traditional and well known Taiwanese skill at manufacturing reflects in the quality of our products.

Kenny K.
EVAK PUMP TECHNOLOGY CORP.

Introduction



Single phase only up to 2HP.

Index																							
		EUS	EUB(S/I)	EUBR(S/I)	EUB	ESA	EJ	EP	EFSS	EF	EL	EG	EW	EWS	EWSS	HIPPO	EA	EC	ESV	ECF	ECW	ECL	ECM
Voltage	1PH	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	3PH	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Type	Drainage																						
	Sewage Contractor	•	•	•	•	•											•	•	•	•	•	•	•
Duck Foot	Submersible Jet Aerator								•														
	QS QM Cast Iron								•								•	•					
	SQS SQM 304/316 SST												•										
HP	QH Cast Iron															•							
	0.15																						
	0.2																						
	0.3																						
	0.5	•	•	•													•	•					
	0.75																						
	1	•	•	•													•	•					
	1.5																						
	2	•	•																				
	3				•																	•	•
	5				•																	•	•
	7.5				•																	•	•
10					•																•	•	
15						•															•	•	
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30								•													•	•	
40																					•	•	
50																					•	•	
60																					•	•	

EUS



Steel coated with thermoplastic polyester elastomer

Materials

Mech. Seal	SIC/SIC+CA/CE
Shaft	SUS 410
Impeller	Hytrel
Solids Handling Cap.	1" x 3/8"

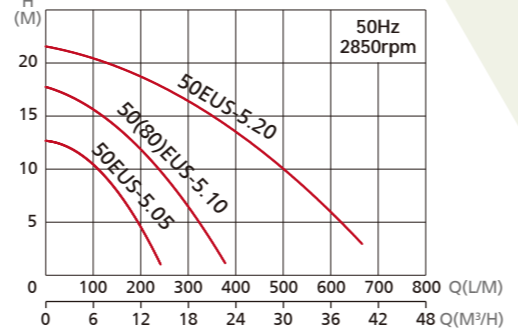
Feature

- High abrasive resistance resin Vortex impeller
- Double mechanical seal / Designed Agitator
- Auto reset thermal protector / Non air locking
- Auto version for small pit usage

Application

- Residential, commercial, industrial dewatering and site drainage
- Decorative waterfalls and fountains.
- Raw water supply from lakes or rivers.
- Sediment removal from small sumps of basins

Performance Curve



Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Pole	Free Passage mm	Weight kg
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EUS-5.05	0.5	0.37	2"	3	0.9	10	109	12.7	242	2	6	12
50EUS-5.05A	0.5	0.37	2"	3	0.9	10	109	12.7	242	2	6	12.5
50(80)EUS-5.10	1	0.75	2"(3")	5.6	1.9	12	196	18	378	2	6	15
50(80)EUS-5.10A	1	0.75	2"(3")	5.6	1.9	12	196	18	378	2	6	15.5
50(80)EUS-5.20	2	1.5	2"(3")	13	3.5	16	315	21.5	666	2	6	19
50(80)EUS-5.20A	2	1.5	2"(3")	13	3.5	16	315	21.5	666	2	6	19.5

EUB



High Chrome Steel Impeller

Feature

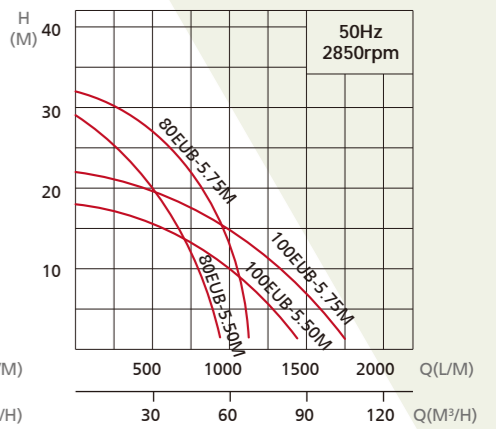
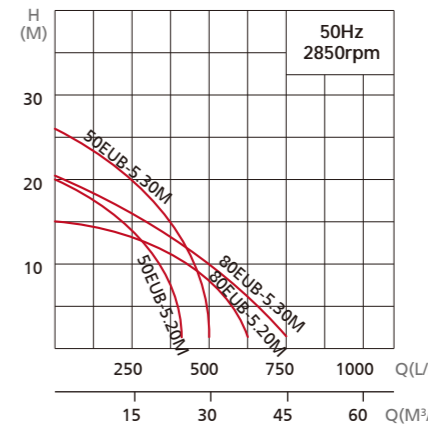
- High abrasive resistance resin Vortex impeller
- Stainless steel outer case & strainer
- Double mechanical seal
- SST 410 motor shaft
- High cooling effect & long-lasting running

Application

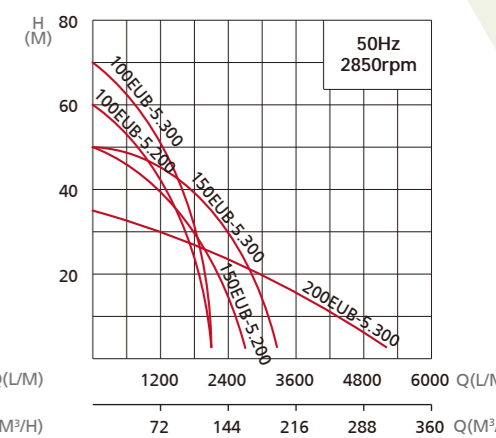
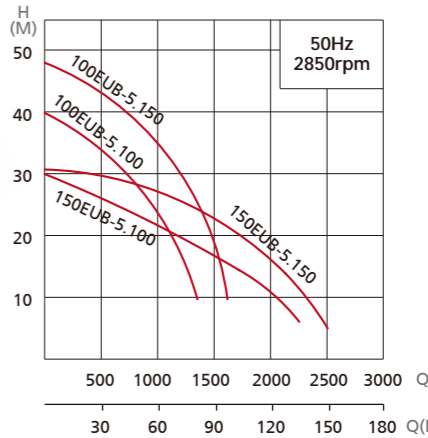
- Residential, commercial, industrial dewatering and site drainage
- Construction sites and civil engineering projects

Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	High Chrome Steel



Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Pole	Free Passage mm	Weight kg
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EUB-5.20M	2	1.5	2"	10.7	3.5	14	250	20	430	2	9	33
80EUB-5.20M	2	1.5	3"	10	3.5	8	500	14.5	670	2	9	33
50EUB-5.30M	3	2.2	2"	-	4.9	15	300	26	500	2	9	35
80EUB-5.30M	3	2.2	3"	-	4.9	10	500	20.5	700	2	9	35
80EUB-5.50M	5	3.7	3"	-	9	20	500	29	900	2	10	42
100EUB-5.50M	5	3.7	4"	-	9	10	1000	18	1440	2	10	42
80EUB-5.75M	7.5	5.5	3"	-	12.4	25	600	32	1100	2	10	60
100EUB-5.75M	7.5	5.5	4"	-	12.4	15	1000	22.5	1750	2	10	60
100EUB-5.100	10	7.5	4"	-	16.5	28	700	42	1600	2	15	93
150EUB-5.100	10	7.5	6"	-	17	15	1500	28	2250	2	15	97
100EUB-5.150	15	11	4"	-	24	35	1000	48.5	1450	2	15	135
150EUB-5.150	15	11	6"	-	24	20	1700	32.5	2450	2	15	137
100EUB-5.200	20	15	4"	-	33	40	1000	56	1700	2	15	141
150EUB-5.200	20	15	6"	-	33	30	1500	45	2500	2	15	142
100EUB-5.300	30	22	4"	-	50	55	1000	70	2000	2	15	256
150EUB-5.300	30	22	6"	-	49.5	35	2000	50	3200	2	20	259
200EUB-5.300	30	22	8"	-	43	20	2900	35	5200	2	20	264



EUB/EUBS(I)/EUBR/EUBRS(I)



Steel coated with thermoplastic polyester elastomer



EUBS(I)/EUBRS(I) Impeller in SUS304 or SUS 316

Feature

- High abrasive resistance resin Vortex impeller
- Double mechanical seal
- Auto reset thermal protector
- Compact design & Lightweight
- Oil free motor & SUS 410 motor Shaft

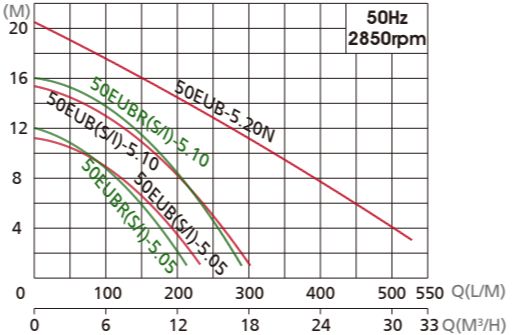
Application

- Residential, commercial, industrial dewatering and site drainage
- Construction sites and civil engineering projects
- Basement, parking lots, removing residue water (EUBR/EUBRS/EUBRI)

Materials

	EUB/EUBR	EUBS/EUBRS	EUBI/EUBRI
Mech. Seal	SIC/SIC+CA/CE	SIC/SIC+CA/CE	SIC/SIC+CA/CE
Shaft	SUS 410	SUS 304	SUS316
Impeller	Hytrel	SUS 304	SUS316

Performance Curve



Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Pole	Free Passage mm	Weight kg
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EUB(S/I)-5.05	0.5	0.37	2"	3	0.9	8	122	11.4	232	2	6	12
50EUBR(S/I)-5.05	0.5	0.37	2"	3	0.9	8	115	12	213	2	2	11
50EUB(S/I)-5.10	1	0.75	2"	5	1.9	10	168	15.2	302	2	6	15
50EUBR(S/I)-5.10	1	0.75	2"	5	1.9	10	176	16	290	2	2	14
50EUB-5.20N	2	1.5	2"	12	3.5	11	305	20.6	528	2	6	24

Contractor

Drainage

ESA



Feature

- Semi-open, Ductile iron impeller
- Double inside mechanical seals with silicon carbide faces
- High efficiency
- Built in thermal & amperage sensing
- Double shielded
- Top discharge

Materials

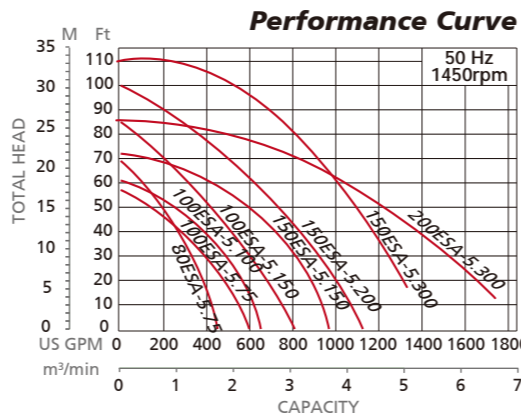
Mech. Seal	SIC/SIC+CA/CE
Impeller	High Chrome Steel
Agitator	High Chrome Steel



High Chrome Steel Impeller + Agitator

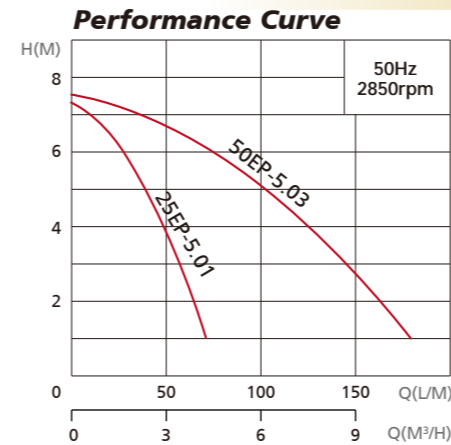
Application

- ESA Heavy-Duty Submersible Slurry Pumps with agitator is the choice of industries that face the most difficult pumping :
- Lime slurries • Mill Scale • Coal runoff sumps
 - Wash down sumps • Ash transfer • Tailings ponds
 - Slag pits • Food wastes • Silt removal
 - Sand & gravel dewatering • Barge & tank cleanout



Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Pole	Free Passage mm	Weight kg
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
80ESA-5.75	7.5	5.5	3"	-	15	14	850	21	1700	4	25	123
100ESA-5.75	7.5	5.5	4"	-	15	12	1100	17.5	2250	4	25	124
100ESA-5.100	10	7.5	4"	-	16	14	1200	18.5	2480	4	25	124
100ESA-5.150	15	11	4"	-	23	16	1500	26	3100	4	25	191
150ESA-5.150	15	11	6"	-	23	17	1900	22	3700	4	35	192
150ESA-5.200	20	15	6"	-	30	20	2100	30.5	4300	4	35	201
150ESA-5.300	30	22	6"	-	50	24	2800	30	5000	4	30	345
200ESA-5.300	30	22	8"	-	50	18	3800	24	6500	4	38	355

EP



Feature

- Thermoplastic Motor Housing
- Light weight / Tough design
- Thermal-overload protected
- Oil free

Application

- Home Water Removal Application
Such as draining Window Wells
- Tanks Boats
- Basements and Garden
- Elevator Pit



Plastic Impeller

Materials

Mech. Seal	CA/CE(EKK)
Shaft	S45C
Bearing	NTN

Submersible Jet Aerator

EJ



Feature

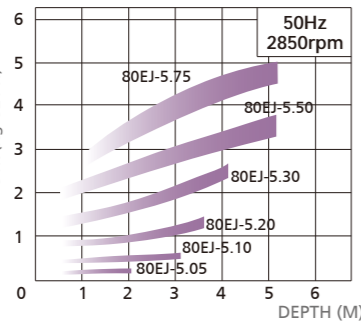
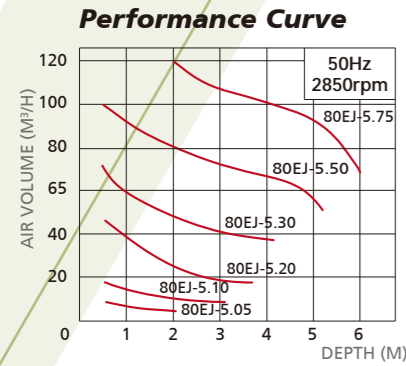
- High oxygen transfer rate
- BOD easy to remove from wastewater treatment
- Mixing and stirring applications for uniform MLSS
- Fine bubbles convention

Application

- The wastewater treatment aeration and agitation

Materials

Mech. Seal	CA/CE+SIC/SIC
Impeller	FC 200
Shaft	SUS 410



Type	Output		Discharge Inch	F.L.A.		Rated AIR m³/hr	Pole	Free Passage mm	Weight kg		
	HP	KW		1ø 230V	3ø 400V						
80(T)EJ-5.05	0.5	0.37	3"	4	1.2	5	0.12~0.23	1.5	2	-	22.2(41.4)
80(T)EJ-5.10	1	0.75	3"	6	2	10	0.3~0.5	2	2	-	27(46.2)
80(T)EJ-5.20	2	1.5	3"	11.3	3.5	22	0.9~1.1	2.5	2	-	37.7(56.9)
80(T)EJ-5.30	3	2.2	3"	-	5.2	40	1.9~2.2	3	2	-	38.8(58)
80(T)EJ-5.50	5	3.7	3"	-	8.6	70	2.8~3.3	3.5	2	-	54(73.2)
80(T)EJ-5.75	7.5	5.5	3"	-	12	100	4.2~4.8	4	2	-	60(79.2)

EFSS

Feature

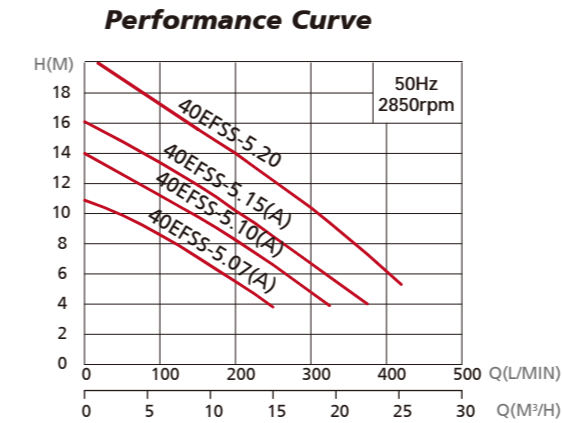
- 95% are made of stainless steel, can be used in harsh environments

Application

- Emptying of septic tanks and residential sumps

Materials

Mech. Seal	SIC/SIC/NBR
Impeller	SUS 304
Shaft	SUS 304



Type	Output		Discharge Inch	F.L.A.		Rated		Maximum		Pole	Free Passage mm	Weight kg
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
40EFSS-5.07	0.75	0.55	1-1/2"	3.58	1.33	8.6	100	10.9	250	2	8	11
40EFSS-5.07A	0.75	0.55	1-1/2"	3.58	-	8.6	100	10.9	250	2	8	11.5
40EFSS-5.10	1	0.75	1-1/2"	4.78	2.07	11.2	100	14	325	2	8	14(1PH)/11(3PH)
40EFSS-5.10A	1	0.75	1-1/2"	4.78	-	11.2	100	14	325	2	8	14.5
40EFSS-5.15	1.5	1.1	1-1/2"	7.21	2.48	11.9	150	16.1	375	2	8	16(1PH) / 14(3PH)
40EFSS-5.15A	1.5	1.1	1-1/2"	7.21	-	11.9	150	16.1	375	2	8	16.5
40EFSS-5.20	2	1.5	1-1/2"	-	3.31	15.6	150	20.6	420	2	8	16



EP • EFSS

Drainage

EF



High Efficiency Impeller



Materials

Mech. Seal	0.5HP~3HP: CA/CE+CA/CE 5HP~7.5HP: SIC/SIC+CA/CE
Shaft	SUS 410
Motor Housing	SUS 304
Bearing	NTN

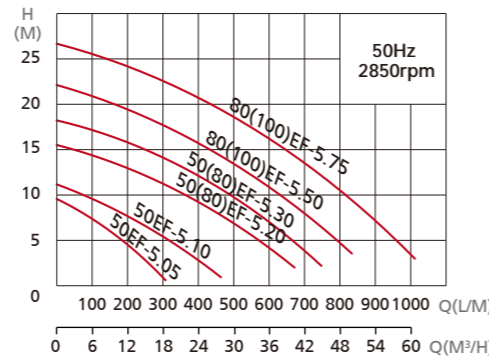
Feature

- Compact Design / light weight
- With High Efficiency Impeller
- Double Mechanical Seals
- Reliable Shaft sealing
- Automatic Operation (Optional)

Application

- Light duty / basement drainage
- Rainwater effluent
- Accumulated water drainage

Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Cable	Free Passage	Weight
	HP	KW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	M	mm	kg
50EF-5.05	0.5	0.37	2"	4	1.2	6	150	9.5	310	10	5	12.2
50EF-5.10	1	0.75	2"	6	2	9	150	11	450	10	5	19
50(80)EF-5.20	2	1.5	2"(3")	11.3	3.5	10	360	15.5	680	10	5.5	35.7
50(80)EF-5.30	3	2.2	2"(3")	-	5.2	11	450	18.5	800	10	5.5	36.8
80(100)EF-5.50	5	3.7	3"(4")	-	8.6	8	700	22.5	950	10	5.5	56
80(100)EF-5.75	7.5	5.5	3"(4")	-	12	12	750	26.5	1100	10	5.5	62

EL



Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	SUS 304
Shaft	SUS 304

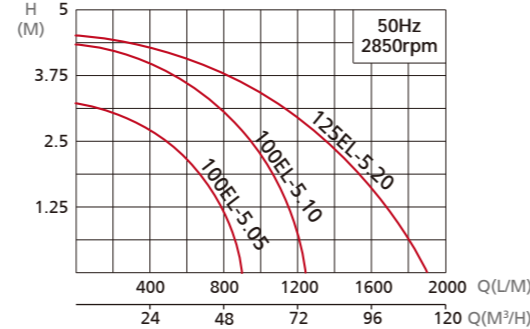
Feature

- Light weight
- Easy handling and low maintenance design
- Axial flow impeller design
- High abrasive and corrosion resistance

Application

- Landscaping, gradening, irrigation and other water supply and drainage applications
- Aquiculture water supply and drainage

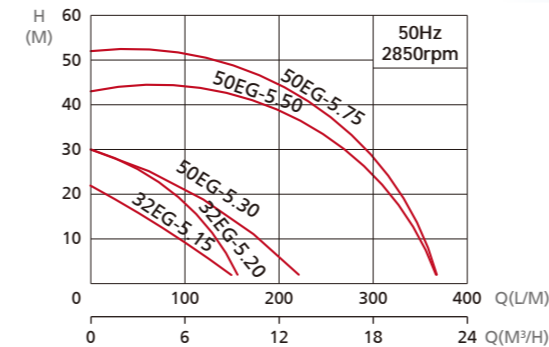
Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		mm	kg
100EL-5.05	0.5	0.37	4"	4	1.5	1.5	750	3.2	900	2	9	19
100EL-5.10	1	0.75	4"	5	2	2	1050	4.3	1250	2	9	20
125EL-5.20	2	1.5	5"	-	3.7	2	1500	4.5	1900	2	9	23

EG

Performance Curve



Feature

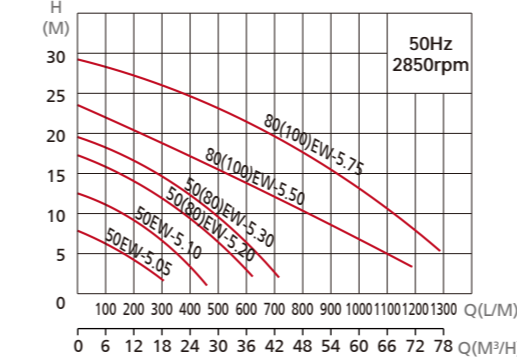
- High Chrome Steel Grinder Impeller
- High Chrome Steel Shredding Ring
- Robust construction
- Superior heat Dissipation
- Double mechanical Seals
- Easy Maintenance

Application

- Waste Water Treatment
- Sewage water

Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		mm	kg
32EG-5.15	1.5	1.1	1.25"	7.5	3.2	13	50	21	150	2	0.5	27
32EG-5.20	2	1.5	1.25"	16	4.95	16	110	30	150	2	0.5	35
50EG-5.30	3	2.2	2"	-	5	15	100	25	220	2	4	35
50EG-5.50	5	3.7	2"	-	9	25	250	38	370	2	4	55
50EG-5.75	7.5	5.5	2"	-	11	35	250	47	370	2	4	61

Performance Curve



Feature

- Vortex Impeller/Non-clogging
- Double Mech. Seal design
- Minimized abrasive wear
- Large impeller clearance
- Maintenance free

Application

- Medium concentration wastewater
- Heavy duty

Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM		mm	kg
50EW-5.05	0.5	0.37	2"	4	1.2	6	150	8	320	2	35	13.2
50EW-5.10	1	0.75	2"	6	2	9	200	12.5	460	2	35	18
50(80)EW-5.20	2	1.5	2"(3")	11.3	3.5	10	350	17.5	650	2	45	34.7
50(80)EW-5.30	3	2.2	2"(3")	-	5.2	11	450	19.5	750	2	45	35.8
80(100)EW-5.50	5	3.7	3"(4")	-	8.6	10	800	23.5	1200	2	45	56
80(100)EW-5.75	7.5	5.5	3"(4")	-	12	12	1040	29.5	1400	2	45	62

Sewage

EG • EW



Grinder Impeller & Shredding Ring (High Chrome Steel HRC 55~58)

Materials

Mech. Seal	SIC/SIC+CA/CE
Grinder Impeller	55~58 HRC
Shredding Ring	55~58 HRC

EW



Vortex impeller



Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FC 200
Shaft	SUS 410

HIPPO



Vortex Impeller

HIPPO-50Q

HIPPO-50

Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FC 200
Shaft	SUS 410

Operating Limits

- Maximum operating temperature : 40°C
- Viscosity of treated fluid : 1mm²/s
- Maximum immersion depth : 10m
- Density of treated fluid : 1kg/dm³
- Max starts per hour : 20

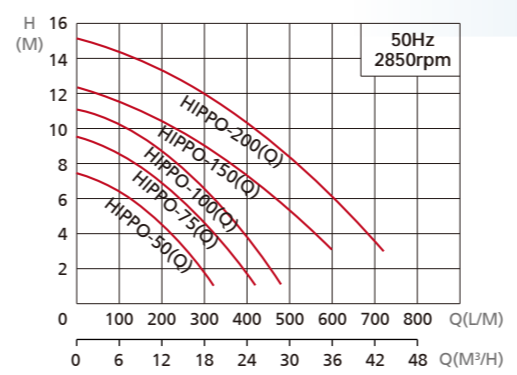
Feature

- Recess vortex impeller
- GAS 2" discharge
- 2" (50mm) solid free-passage
- EKK-Burgmann silicon double mech. seal
- Stainless steel motor housing

Application

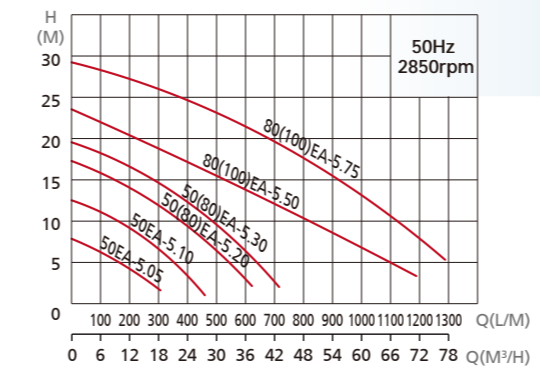
- For heavy-duty applications with soiled biological wastewaters, sewage, rainwater
- For both domestic and professional use

Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
HIPPO-50(Q)	0.5	0.37	2"	3.8	1.5	4.5	200	7.6	320	2	50	14(15.5)
HIPPO-75(Q)	0.75	0.55	2"	5.4	1.7	6.4	220	9.7	420	2	50	15(16.5)
HIPPO-100(Q)	1	0.75	2"	6.7	2.4	7.7	250	11.3	480	2	50	16.5(18)
HIPPO-150(Q)	1.5	1.1	2"	9	2.8	8	360	12.5	600	2	50	25(26.5)
HIPPO-200(Q)	2	1.5	2"	12	3.9	10.3	400	15.5	720	2	50	26(27.5)

Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EA-5.05	0.5	0.37	2"	4	1.2	6	150	8	320	2	10	13.2
50EA-5.10	1	0.75	2"	6	2	9	200	12.5	460	2	10	18
50(80)EA-5.20	2	1.5	2"(3")	11.3	3.5	10	350	17.5	650	2	15	34.7
50(80)EA-5.30	3	2.2	2"(3")	-	5.2	11	450	19.5	750	2	15	35.8
80(100)EA-5.50	5	3.7	3"(4")	-	8.6	10	800	23.5	1200	2	12.5	56
80(100)EA-5.75	7.5	5.5	3"(4")	-	12	12	1040	29.5	1400	2	12.5	62

EA

Feature

- Vortex impeller with agitator
- Non-Colg operation
- Double mechanical seals
- Reliable shaft sealing
- Automatic operation (Optional)

Application

- Dredging
- High concentration slurry



Impeller with powerful agitator

Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FC 200
Agitator	SUS 316
Shaft	SUS 410

EWS

Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	SUS 316
Shaft	SUS 316



Vortex Impeller
316 Stainless Steel

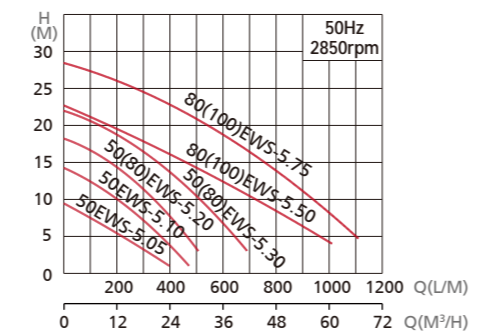
Feature

- Vortex Impeller / Non-clogging
- Minimized abrasive wear
- Large impeller clearance
- Maintenance free
- Double Mech. Seal
- Loss wax 316 Stainless Steel

Application

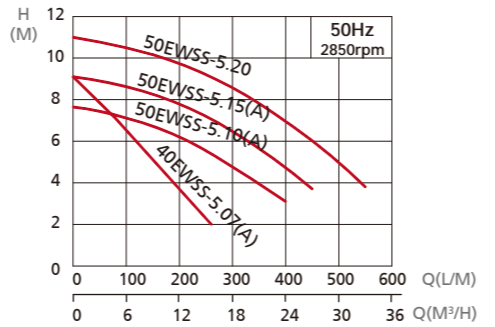
- Medium concentration wastewater
- Heavy duty

Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EWS-5.05	0.5	0.37	2"	3.4	1.4	5.4	200	9.5	398	2	35	13.2
50EWS-5.10	1	0.75	2"	6	2.2	9	240	14.3	472	2	35	18
50(80)EWS-5.20	2	1.5	2"(3")	9.8	4.2	12	280	18.3	507	2	45	34.7
50(80)EWS-5.30	3	2.2	2"(3")	-	5.7	14.7	360	22.1	690	2	45	35.8
80(100)EWS-5.50	5	3.7	3"(4")	-	7.5	13.2	560	23.3	1010	2	45	56
80(100)EWS-5.75	7.5	5.5	3"(4")	-	11.4	18.7	600	28.8	1110	2	45	62

Performance Curve



Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
40EWSS-5.07	0.75	0.55	1 1/2"	3.58	1.33	7.1	80	9.1	260	2	35	10
40EWSS-5.07A	0.75	0.55	1 1/2"	3.58	-	7.1	80	9.1	260	2	35	10.5
50EWSS-5.10	1	0.75	2"	4.78	2.07	7.1	100	7.7	400	2	50	13(1PH) / 11(3PH)
50EWSS-5.10A	1	0.75	2"	4.78	-	7.1	100	7.7	400	2	50	13.5
50EWSS-5.15	1.5	1.1	2"	7.21	2.48	8.6	100	9.1	450	2	50	14(1PH) / 13(3PH)
50EWSS-5.15A	1.5	1.1	2"	7.21	-	8.6	100	9.1	450	2	50	14.5
50EWSS-5.20	2	1.5	2"	-	3.31	10.2	150	11	550	2	50	14

EWSS

Materials

Mech. Seal	SIC/SIC/NBR
Impeller	SUS 304
Shaft	SUS 304

Feature

95% are made of stainless steel, can be used in harsh environments

Application

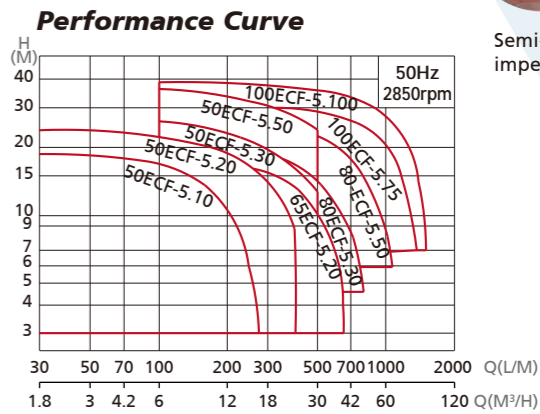
Emptying of septic tanks and residential sumps



ECF



Semi-Open impeller



Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FC 200/FCD 400
Shaft	SUS 403

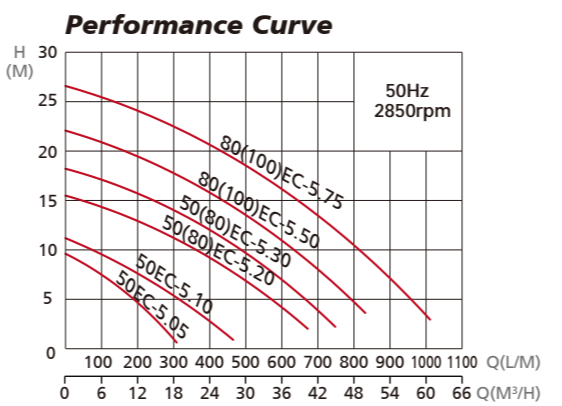
Application

- Purification tank drainage
- Rain and spring water drainage
- Irrigation / Sump Dewatering

Feature

- Compact Design/Light Weight
- Built-In Motor protection
- High Efficiency Semi-open Impeller
- Automatic Operation (Optional)

Type	Output		Discharge	F.L.A.		Max Head		Max Cap.		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50ECF-5.10	1	0.75	2"	-	1.9	19.3	30	2	280	2	5	17
50ECF-5.20	2	1.5	2"	-	3.3	23.7	30	8.4	400	2	5	25
50ECF-5.30	3	2.2	2"	-	5	26.2	100	11.9	500	2	5	55
65ECF-5.20	2	1.5	2.5"	-	3.3	16.6	240	4.5	650	2	6	35
80ECF-5.30	3	2.2	3"	-	5	18.3	360	4.5	800	2	7	59
80ECF-5.50	5	3.7	3"	-	7.8	22.9	500	6	1060	2	7	64
100ECF-5.75	7.5	5.5	4"	-	10.8	30.4	340	7	1350	2	8	92
100ECF-5.100	10	7.5	4"	-	14.3	38.6	100	7	1500	2	8	104



Application

- Hospital, school, building...etc.
- Wastewater treatment system
- Industrial wastewater
- Ground water drainage

Feature

- With tungsten cutter
- Double mechanical seals
- Reliable shaft sealing
- Automatic operation (Optional)

Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50EC-5.05	0.5	0.37	2"	4	1.2	6	150	9.5	300	2	19	13.3
50EC-5.10	1	0.75	2"	6	1.8	8	190	11	430	2	19	19
50(80)EC-5.20	2	1.5	2"(3")	11.3	3.5	10	360	15.5	700	2	23	36.5
50(80)EC-5.30	3	2.2	2"(3")	-	5.2	11	440	18.5	800	2	23	37.6
80(100)EC-5.50	5	3.7	3"(4")	-	8.6	8	690	22.5	950	2	28	58
80(100)EC-5.75	7.5	5.5	3"(4")	-	12	12	750	26.5	1100	2	28	62

Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FCD45+Tungsten edge
Shaft	SUS 410



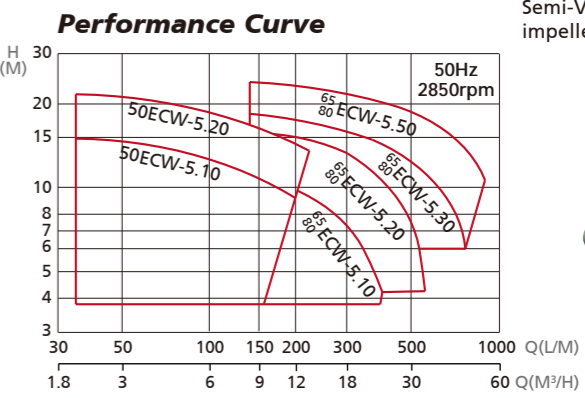
Cutter Impeller (Tungsten Edge)



ESV



Semi-Vortex impeller



Materials

Mech. Seal	SIC/SIC+CA/CE
Impeller	FC 200
Shaft	SUS 403

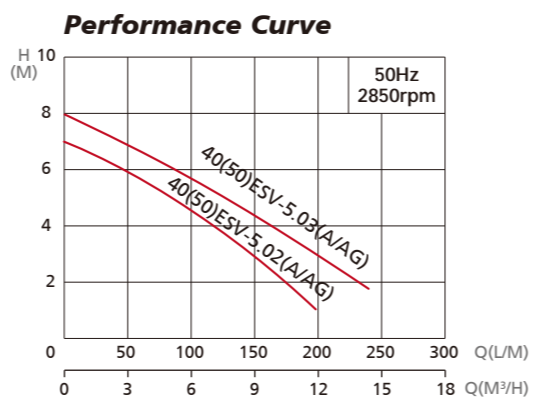
Application

- Waste water applications containing soft or fibrous solids.
- Industrial waste water drainage
- Septic effluent / Miscellaneous drainage

Feature

- Semi-Vortex impeller/No Clogging
- Double mechanical seal
- Built-in motor protection
- Automatic operation (Optional)

Type	Output		Discharge	F.L.A.		Max Head		Max Cap.		Pole	Free Passage	Weight
	HP	KW		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
50ECW-5.10	1	0.75	2"	-	1.9	14.8	35	9	200	2	21	19
50ECW-5.20	2	1.5	2"	-	3.3	21.4	35	13.5	220	2	21	27
65ECW-5.10	1	0.75	2.5"	-	1.9	10.9	140	3.8	400	2	33	25
65ECW-5.20	2	1.5	2.5"	-	3.3	15.9	140	4.2	570	2	33	34
65ECW-5.30	3	2.2	2.5"	-	5	18.3	140	6.0	770	2	41	50
65ECW-5.50	5	3.7	2.5"	-	7.8	23.6	140	10.4	900	2	41	59
80ECW-5.10	1	0.75	3"	-	1.9	10.9	140	3.8	400	2	33	26
80ECW-5.20	2	1.5	3"	-	3.3	15.9	140	4.2	570	2	33	35
80ECW-5.30	3	2.2	3"	-	5	18.3	140	6	770	2	41	31
80ECW-5.50	5	3.7	3"	-	7.8	23.6	140	10.4	900	2	41	60



Application

- Discharge water
- Livestock production
- Sprinkling
- Sump pit

Feature

- Oil Chamber design to ensure Mech. Seal long service life
- Suspended impeller design, non-clogging
- E class insulation

Type	Output		Discharge	F.L.A.		Rated		Maximum		Pole	Free Passage	Weight
	HP	W		1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM			
40(50)ESV-5.02	0.2	150	1.5"(2")	1.6	-	4	110	7	180	2	24	7.2
40(50)ESV-5.02A	0.2	150	1.5"(2")	1.6	-	4	110	7	180	2	24	7.5
40(50)ESV-5.02AG	0.2	150	1.5"(2")	1.6	-	4	110	7	180	2	24	7.5
40(50)ESV-5.03	0.3	250	1.5"(2")	2	-	4.5	140	8	230	2	25	7.4
40(50)ESV-5.03A	0.3	250	1.5"(2")	2	-	4.5	140	8	230	2	25	7.7
40(50)ESV-5.03AG	0.3	250	1.5"(2")	2	-	4.5	140	8	230	2	25	7.7

Materials

Mech. Seal	CA/CE +CA/CE
Impeller	ABS+Glass Fiber
Shaft	SUS 410



ABS + Glass Fiber Impeller



