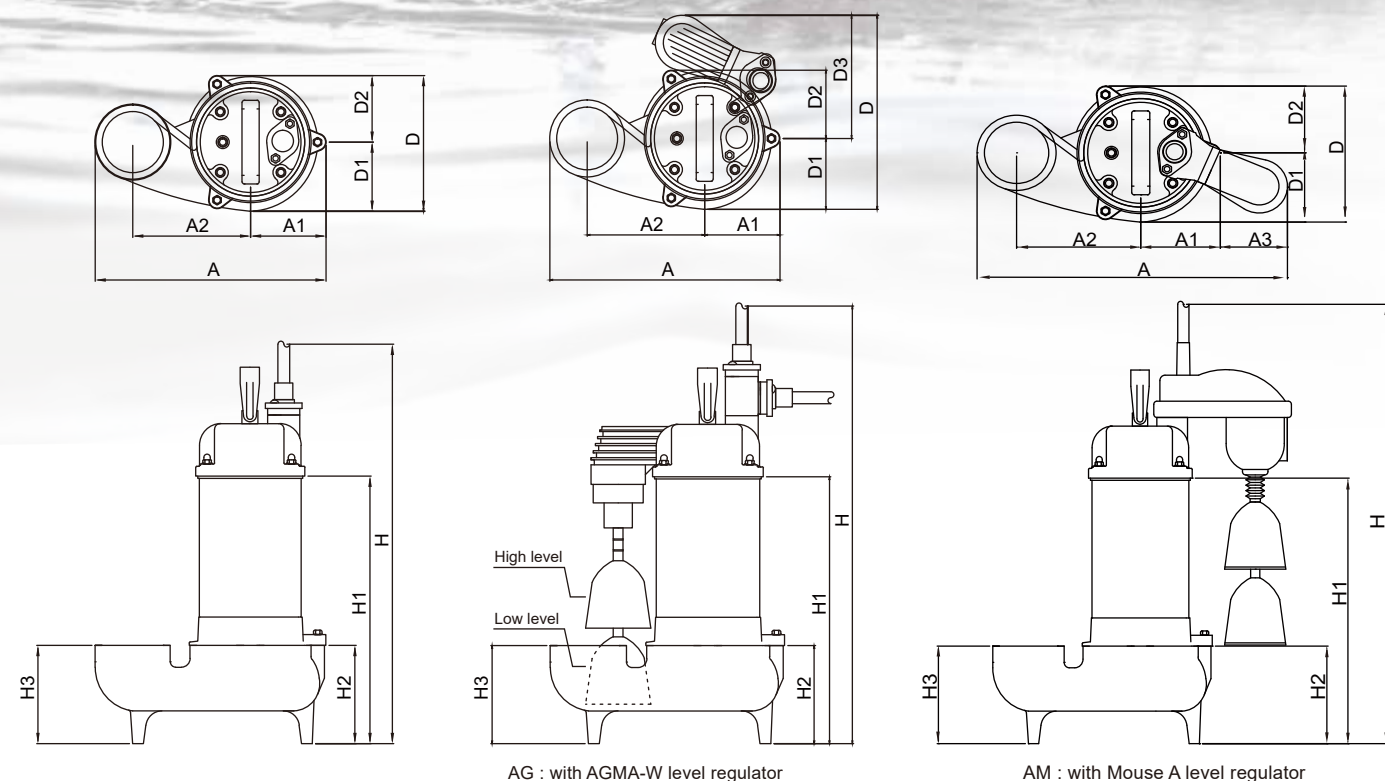


ESV-Series Dimensions



Dimensions (mm)												
Type	A	A1	A2	A3	D	D1	D2	D3	H	H1	H2	H3
40ESV-5.02	213	83	90	--	130	63	67	--	314	235	81	81
40ESV-5.02AG	213	83	90	--	210	63	67	147	350	235	81	81
40ESV-5.02AM	300	83	90	72	130	63	67	--	350	235	81	81
50ESV-5.02	228	83	110	--	130	63	67	--	324	245	91	91
50ESV-5.02AG	228	83	110	--	210	63	67	147	360	245	91	91
50ESV-5.02AM	300	83	110	72	130	63	67	--	360	245	91	91
40ESV-5.03	213	83	90	--	130	63	67	--	324	245	81	81
40ESV-5.03AG	213	83	90	--	210	63	67	147	360	245	81	81
40ESV-5.03AM	300	83	90	72	130	63	67	--	360	245	81	81
50ESV-5.03	228	83	110	--	130	63	67	--	334	255	91	91
50ESV-5.03AG	228	83	110	--	210	63	67	147	370	255	91	91
50ESV-5.03AM	300	83	110	72	130	63	67	--	370	255	91	91



EVAK PUMP TECHNOLOGY CORP.

No. 551, Zhongshan Rd., Qingshui Dist., Taichung City 436, Taiwan.
TEL: +886-426-233556 Fax: +886-426-235559



ESV SERIES 50HZ

Submersible Vortex Sewage Pump



www.evak-pumps.com

ESV SERIES 50HZ

Submersible Vortex Sewage Pump

Feature

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

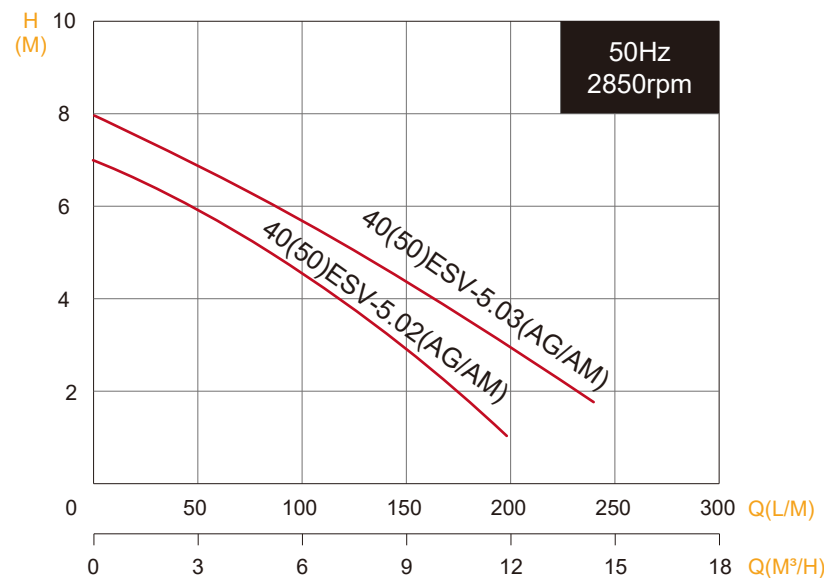
Application

- / Discharge water
- / Livestock production
- / Sprinkling
- / Sump pit

Specifications

Liquid Temperature		0~40°C (32~104°F)
Submersible depth		10M
Motor Part	Frequency	50Hz
	Pole	2 Pole
	Type	Dry Motor
	Insulation	Class E
	Protection	IP 68
Pump Part	Protector	Auto-cut
	Bearing	Ball Type
	Mechanical seal	Dual. Mechanical Seal
	Impeller	Semi-Open

Performance Curve



ESV-5.02/5.03



ABS+Glass Fiber Impeller



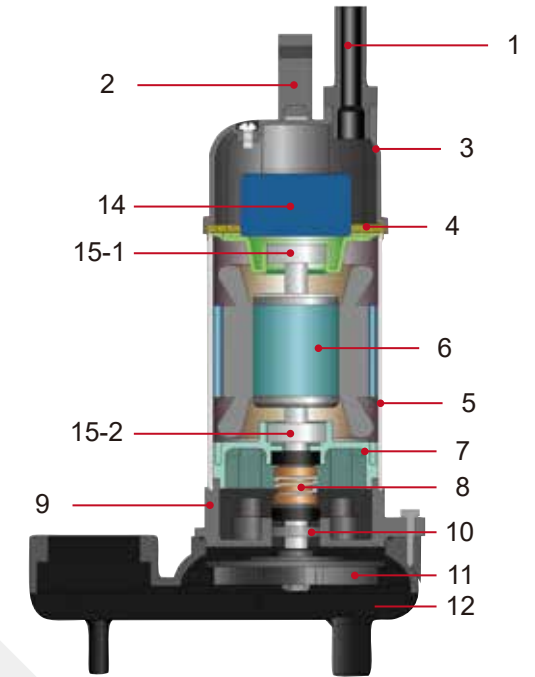
ESV-5.02AG/5.03AG



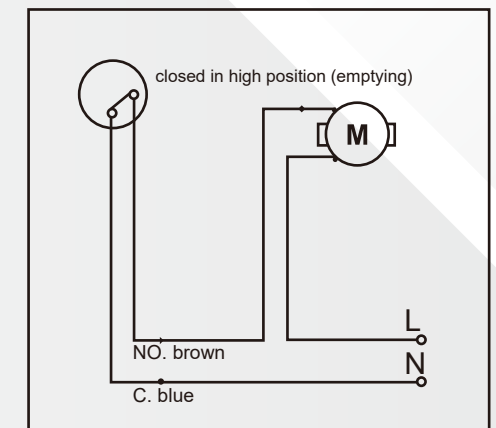
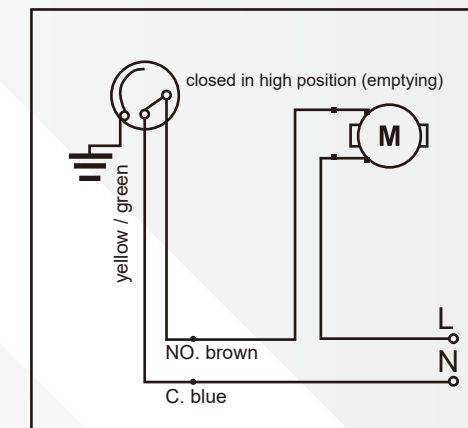
ESV-5.02AM/5.03AM

Parts and Material List

No	Part	Material
1	Cable	H05RN-F/SJTOW
2	Handle	PA6
3	Motor Cover	PA66+Glass Fiber
4	Bracket	Steel
5	Motor Housing	SUS 304
6	Shaft with Rotor	SUS 410
7	Oil Chamber	FC 200
8	Double Mech. Seal	Upper : CA/CE Lower : CA/CE
9	Seal Housing	Nylon
10	Oil Seal	NBR
11	Impeller	ABS + Glass Fiber
12	Pump Casing	FC 200
14	Capacitor (Single phase only)	
15-1	Upper Bearing	NTN
15-2	Lower Bearing	NTN



AGMA W level regulator



» Agma W level regulator is a very useful instrument when used directly on pumps which must work in very small wells

Data Chart

Type	Output		Discharge	F.L.A.		Rated		Maximum		Cable	Free Passage	Weight
	HP	W	Inch	1ø 230V	3ø 400V	Head m	Cap. LPM	Head m	Cap. LPM	M	mm	kg
40(50)ESV-5.02	0.2	150	1.5"(2")	1.6	-	4	110	7	180	5	24	6.7(7)
40(50)ESV-5.02AG	0.2	150	1.5"(2")	1.6	-	4	110	7	180	5	24	7.2(7.5)
40(50)ESV-5.02AM	0.2	150	1.5"(2")	1.6	-	4	110	7	180	5	24	7.2(7.5)
40(50)ESV-5.03	0.3	250	1.5"(2")	2	-	4.5	140	8	230	5	25	7.1(7.4)
40(50)ESV-5.03AG	0.3	250	1.5"(2")	2	-	4.5	140	8	230	5	25	7.6(7.9)
40(50)ESV-5.03AM	0.3	250	1.5"(2")	2	-	4.5	140	8	230	5	25	7.6(7.9)

» A identifies black float switch ; AG identifies AGMA W level regulator.