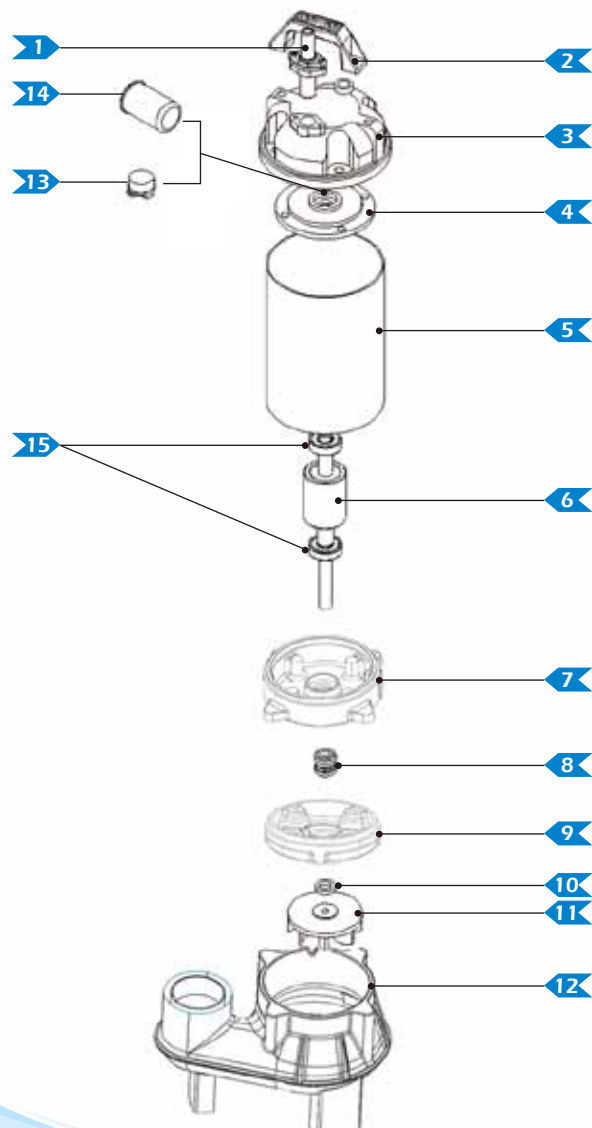




Parts and Material List		
No	Part	Material
1	Cable	H07RNF
2	Handle	Nylon 6
3	Motor Cover	0.5~1HP : Nylon 66 1.5~2HP : FC-200
4	Bracket	FC-200
5	Motor Housing	SUS-304
6	Rotor & Shaft	SUS-410
7	Oil Chamber	FC-200
8	Double Mech. Seal	CA/CE+SIC/SIC
9	Seal Housing	FC-200
10	Oil Seal	NBR
11	Impeller	FC-200
12	Pump Volute	FC-200
13	Protector	Klixon
14	Capacitor(Single Phase Only)	
15	Bearing	NTN



Hippo-Series

2" Full-Passage Submersible Pump



Evak Pump Technology Corp.
No. 551, Zhongshan Rd., Qingshui Dist,
Taichung City 436, Taiwan.
Tel : +886-426-233556
Fax: +886-426-235559
www.evak-pumps.com

Vol. PIEH-12031

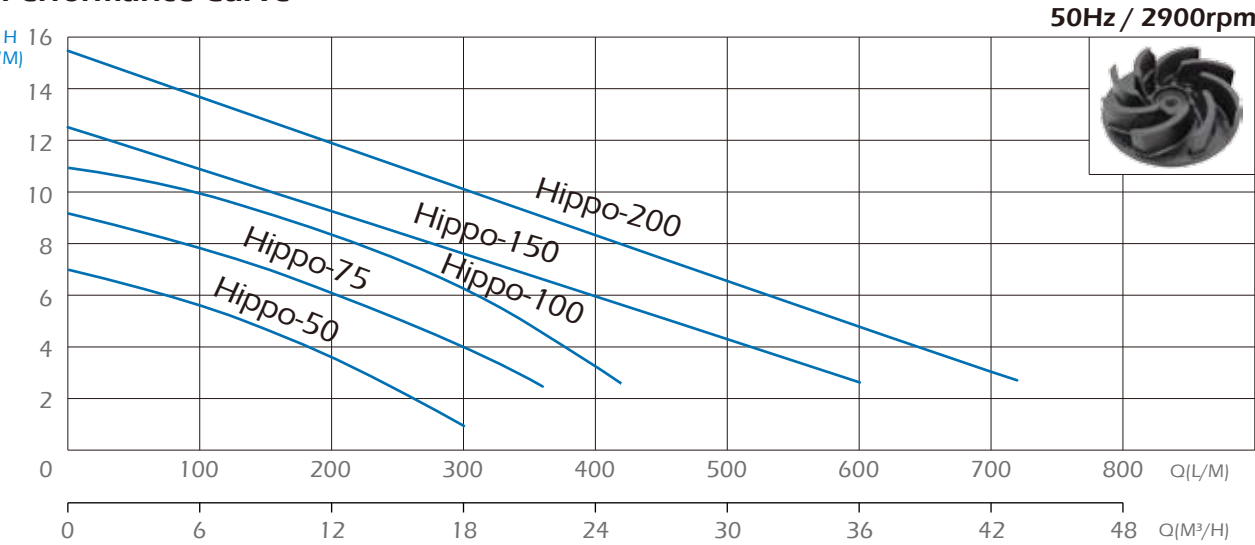


- Characteristics**
- > Recess vortex impeller
 - > GAS 2" discharge
 - > 2" (50mm) solid free-passage
 - > 2 poles - 1/2HP~2HP perfect performance
 - > EKK-Burgmann silicon double mech. seal
 - > Stainless steel motor housing

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

- 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

Performance Curve

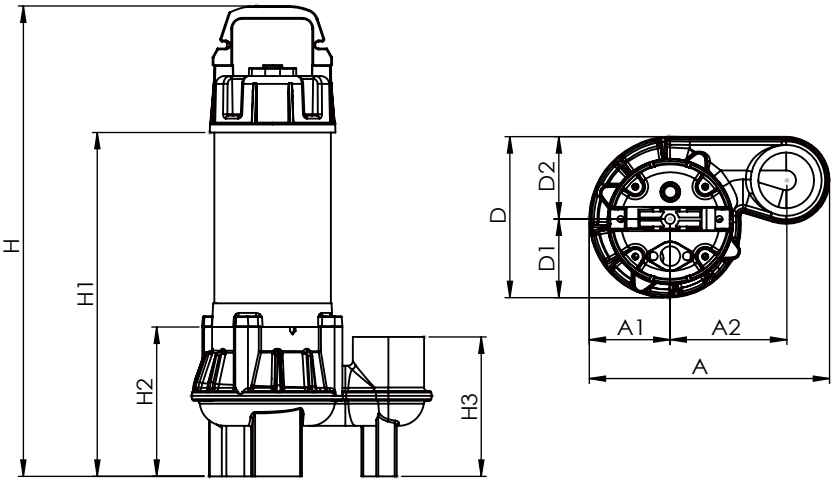


Performances														
Type	Q L/S	0	1	2	3	4	5	6	7	8	9	10	11	12
	Q L/M	0	60	120	180	240	300	360	420	480	540	600	660	720
	Q M³/H	0	3.6	7.2	10.8	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2
Hippo-50	H[m]	7.1	6.2	5.3	4.2	2.8	1.0							
Hippo-75		9.2	8.4	7.6	6.6	5.4	4.0	2.5						
Hippo-100		11.0	10.4	9.6	8.8	7.6	6.2	4.4	2.5					
Hippo-150		12.5	11.6	10.7	9.9	8.9	7.8	6.7	5.6	4.6	3.6	2.6		
Hippo-200		15.5	14.5	13.5	12.4	11.3	10.2	9.1	7.9	6.9	5.8	4.8	3.7	2.7

Specifications										
Type	Output		Discharge	Voltage		Pole	Amp			Weight
	HP	kw	Inch	1 Phase	3 Phase		1 Phase 230V	3 Phase 380V	3 Phase 400V	Kg
Hippo-50	0.5	0.37	2"	230	380/400	2	3.4	1.2	1.1	14
Hippo-75	0.75	0.55	2"	230	380/400	2	5.8	1.7	1.6	16
Hippo-100	1	0.75	2"	230	380/400	2	6.5	2.3	2.2	17
Hippo-150	1.5	1.1	2"	230	380/400	2	9	3.0	2.9	25
Hippo-200	2	1.5	2"	230	380/400	2	12	3.5	3.4	26

* Equipped 10M H07RNF cable
* Single phase can be equipped with float switch

Dimensions



Dimensions (mm)										
Type	A	A1	A2	D	D1	D2	H	H1	H2	H3
Hippo-50	244	82	118	164	80	84	460	330	151	141
Hippo-75	244	82	118	164	80	84	482	352	151	141
Hippo-100	244	82	118	164	80	84	497	367	151	141
Hippo-150	271	93	135	186	88	98	506	376	151	143
Hippo-200	271	93	135	186	88	98	520	396	151	143

KLIXON

Thermal protector for 1 phase

Overload protector for 3 phase

EKK-Burgmann silicon
Double mech. seal

Pump volute
2" solid free-passage

Cable gland sys
Water tight cable gland with
Epoxy Potting

Long Life - Bearing (Japan NTN)

Oil Seal
Extra protection for the leakage