

SEWAGE PUMP B SERIES

Características

La bomba B incorpora un impulsor de canal desarrollado exclusivamente para bombas de aguas residuales. El impulsor tiene un canal ancho que se extiende desde la entrada hasta la salida, lo que evita la obstrucción interna por los sólidos aspirados en la entrada.

Aplicaciones

Para el vertido de aguas residuales de industrias, centros comerciales, hospitales y hoteles.

Para aguas residuales domésticas y drenaje de aguas pluviales de la ciudad, aparcamiento e ingeniería municipal.

Para la descarga de aguas residuales de plantas de tratamiento de aguas residuales y granjas.

Para bombear agua fangosa y leña de fábricas de construcción y minas.

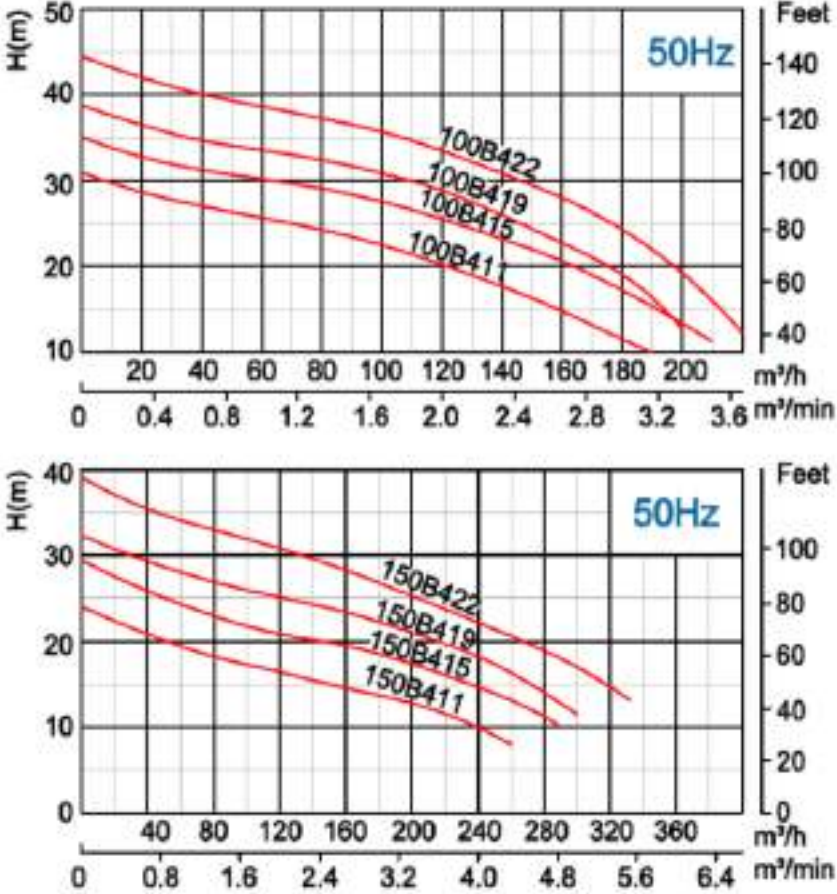
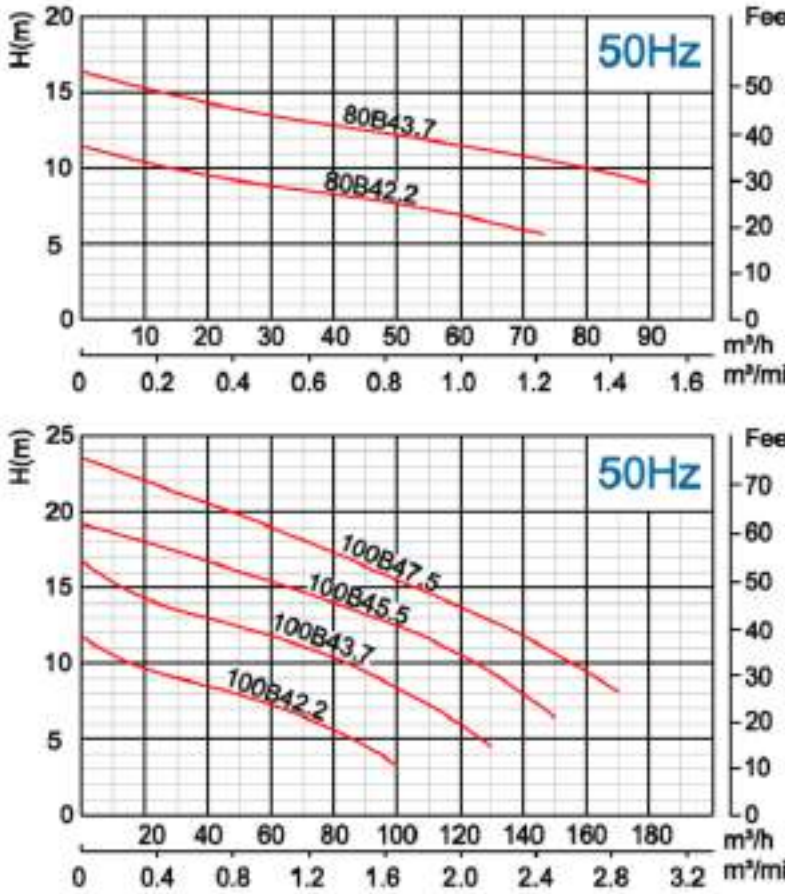
Para el bombeo de agua limpia de la agricultura y la acuicultura.

Especificaciones

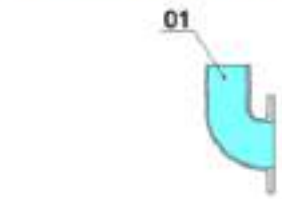
- Clase de aislamiento : F
- Clase proteccion : IP 68
- Temperatura fluido: hasta 40 °C
- PH: 6 to 10
- Densidad fluido : 1.3g/cm³
- Alimentacion :
- Trifasico 380V ±10%, 50Hz
- Monofasico 220V ±10%, 50Hz
- Protección motor: incorporado
- Capacidad: hasta 400 m³/h
- Altura: hasta 24 m
- Profundidad maxima de inmersión: 20m
- Cable alimentacion : 8m



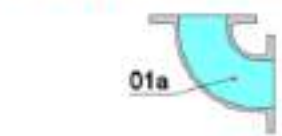
SEWAGE PUMP B SERIES



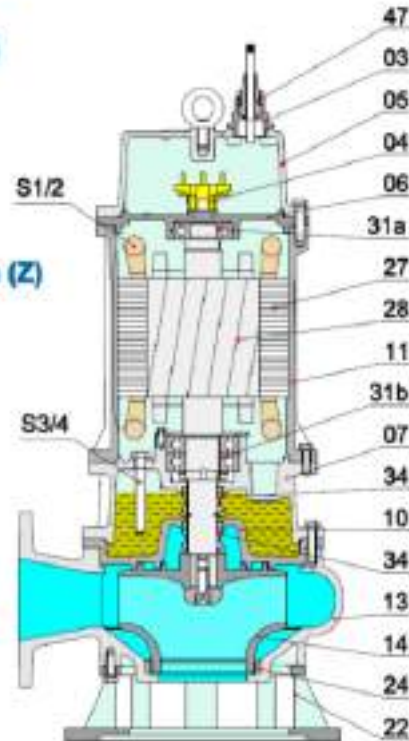
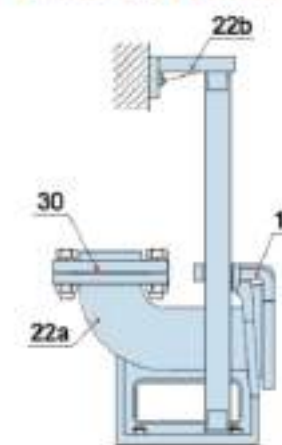
Movable Soft Pipe Installation (R)



Hard Pipe Installation(Y)



Auto-coupled Installation (Z)



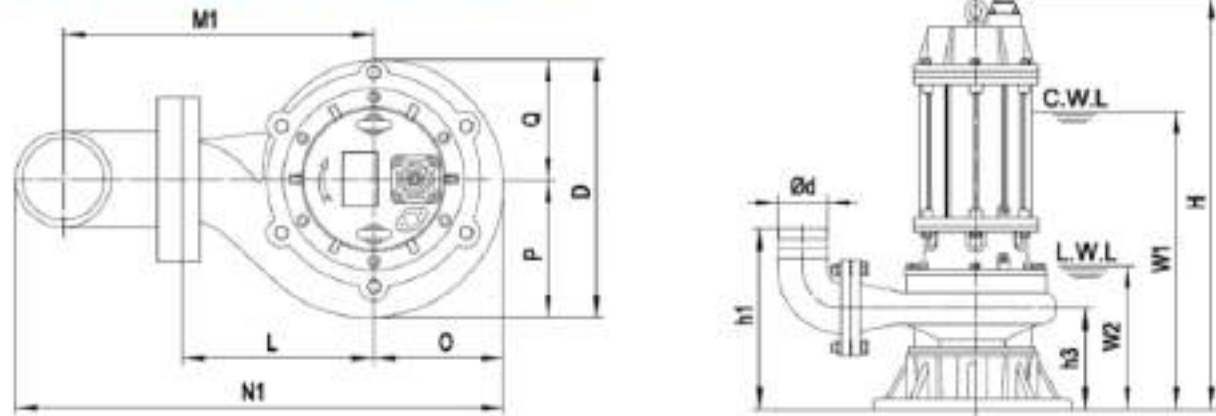
Materials of components

Item No.	Part name	Material
01	Hose coupling	Cast iron
01a	Discharge connection	Cast iron
03	Terminal box	Cast iron
04	Wiring terminal	
05	Upper cover	Cast iron
06	Up-Bearing house	Cast iron
07	Bearing house	Cast iron
10	Seal bracket	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14	Impeller	Ductile iron
17	Coupling adapter	Cast iron
22	Seat assembly	Cast iron
22a	Coupling seat	Cast iron
22b	Upper guide support	Cast iron
24	Neck ring	High chrome alloy
27	Stator	
28	Rotor	Shaft : AISI420SS
30	Flange	Cast iron
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical seal	Sic-Sic
47	Cable	
S1/2	Overheat protector : on option	
S3/4	Oil water leakage probe : on option	

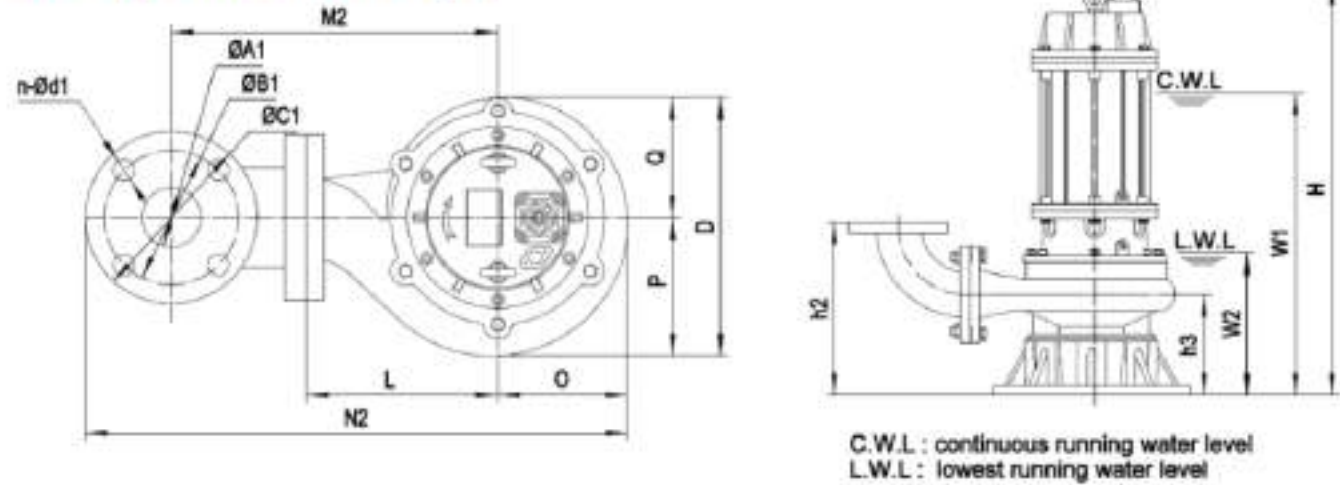
Model 50Hz/60Hz	Voltage	Current	Motor power		Outlet		Rated capacity	Rated head	Max capacity	Max head	Impeller passage	Cable
	V	A	kW	HP	In	mm	m³/h	m	m³/h	m	mm	mm²
80B42.2	380	5.0	2.2	3	3	80	45	8	73	12	50	1.5
100B42.2	380	5.0	2.2	3	4	100	60	7	100	12	50	1.5
80B43.7	380	8.5	3.7	5	3	80	45	13	90	17	50	1.5
100B43.7	380	8.5	3.7	5	4	100	60	12	130	17	50	1.5
100B45.5	380	11.7	5.5	7.5	4	100	65	15	150	19	50	2.5
150B45.5	380	11.7	5.5	7.5	6	150	110	10	200	16	55	2.5
100B47.5	380	15.7	7.5	10	4	100	100	15	170	24	50	4.0
100B411	380	22	11	15	4	100	100	22	190	31/28	50	4.0
150B411	380	22	11	15	6	150	150	15	260	24	65	4.0
200B411	380	22	11	15	8	200	300	9	450/475	17	70	4.0
100B415	380	30.1	15	20	4	100	100	27	210	35	50	6.0
150B415	380	30.1	15	20	6	150	150	20	290	29	65	6.0
200B415	380	30.1	15	20	8	200	300	12	490	21	70	6.0
100B419	380	38	19	25	4	100	100	31	200	38	50	10
150B419	380	38	19	25	6	150	150	24	300	32	60	10
200B419	380	38	19	25	8	200	300	15	530	25	70	10
100B422	380	45	22	30	4	100	100	36	220	44	50	10
150B422	380	45	22	30	6	150	150	28	330	39	60	10

SEWAGE PUMP **B** SERIES

Movable Soft Pipe Installation (R)



Hard Pipe Installation(Y)



Dimensiones

Model	Ød	ØA1	ØB1	ØC1	n-Ød1	h1	h2	h3	W1	W2	H	O	P	Q	L	D	M1	M2	N1	N2
80B42.2	80	80	150	190	4-Ø18	310	305	165	475	232	592	163	176	160	225	336	317	367	518	625
100B42.2	100	100	170	210	4-Ø18	335	315	165	475	232	592	163	176	160	225	336	328	378	540	646
80B43.7	80	80	150	190	4-Ø18	310	305	165	540	232	657	163	176	160	225	336	317	367	518	625
100B43.7	100	100	170	210	4-Ø18	335	315	165	540	232	657	163	176	160	225	336	328	378	540	646
100B45.5	100	100	170	210	4-Ø18	358	338	188	585	255	806	185	197	175	280	372	383	432	616	722
150B45.5	150	150	225	265	8-Ø18	432	407	207	615	285	838	194	214	175	300	389	453	504	722	832
100B47.5	100	100	170	210	4-Ø18	358	338	188	630	255	851	185	197	175	280	372	382	432	616	722
150B47.5	150	150	225	265	8-Ø18	432	407	207	660	285	883	194	214	175	300	389	453	504	722	830
200B47.5	200	200	295	340	8-Ø22	539	459	229	695	320	917	225	257	192	350	449	553	583	878	978

Peso y embalaje

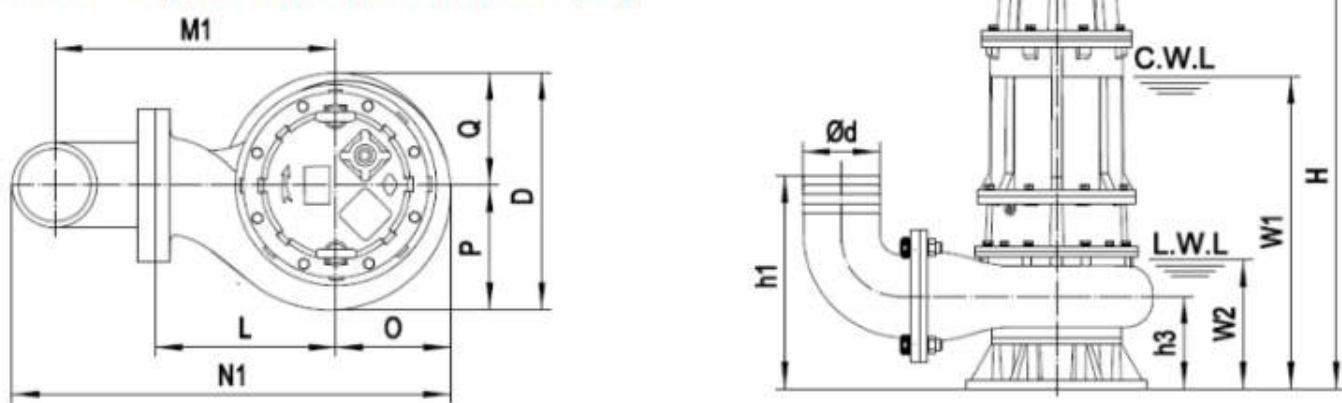
Model	R			Y		
	N.W kg	G.W kg	Packing dimension mm	N.W kg	G.W kg	Packing dimension mm
80B42.2	78	87	705x375x465	82	91	705x375x465
100B42.2	80	89	705x375x465	84	93	705x375x465
80B43.7	88	97	765x375x465	92	101	765x375x465
100B43.7	90	99	765x375x465	94	103	765x375x465

Model	R			Y		
	N.W kg	G.W kg	Packing dimension mm	N.W kg	G.W kg	Packing dimension mm
100B45.5	143	156	905x415x605	149	162	905x415x605
150B45.5	154	167	935x445x635	162	175	935x445x635
100B47.5	159	172	955x415x605	165	178	955x415x605
150B47.5	172	184	985x445x635	180	192	985x445x635
200B47.5	203	218	1010x490x715	211	226	1010x490x715

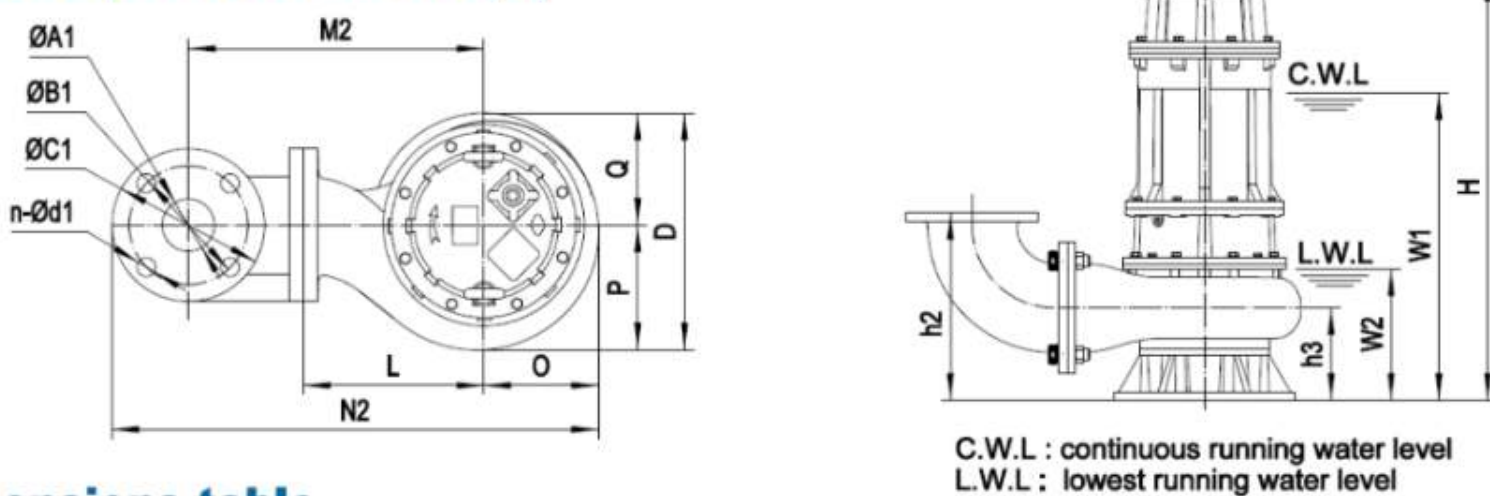


SEWAGE PUMP **B** SERIES

Movable Soft Pipe Installation (R)



Hard Pipe Installation(Y)



Dimensiones

Model	Ød	ØA1	ØB1	ØC1	n-Ød1	h1	h2	h3	W1	W2	H	O	P	Q	L	D	M1	M2	N1	N2
100B411	100	100	170	210	4-Ø18	374	354	204	650	255	934	211	217	211	310	428	413	463	673	778
150B411	150	150	225	265	8-Ø18	449	424	224	680	285	953	211	225	211	320	436	474	524	759	867
200B411	200	200	295	340	8-Ø22	544	464	234	700	325	963	222	251	211	340	462	544	574	866	966
100B415	100	100	170	210	4-Ø18	374	354	204	695	255	979	211	217	211	310	428	413	463	673	778
150B415	150	150	225	265	8-Ø18	449	424	224	725	285	998	211	225	211	320	436	474	524	759	867
200B415	200	200	295	340	8-Ø22	544	464	234	740	325	1008	222	251	211	340	462	544	574	866	966
100B419	100	100	170	210	4-Ø18	364	344	194	715	255	1018	218	227	211	325	438	428	478	694	800
150B419	150	150	225	265	8-Ø18	439	414	214	740	285	1034	222	236	211	335	447	489	539	785	893
200B419	200	200	295	340	8-Ø22	544	464	234	760	325	1051	233	260	211	350	471	553	583	887	987
100B422	100	100	170	210	4-Ø18	364	344	194	736	255	1038	218	227	211	325	438	428	478	694	800
150B422	150	150	225	265	8-Ø18	439	414	214	760	285	1054	222	236	211	335	447	489	539	785	899

Peso y embalaje

Model	R			Y		
	N.W kg	G.W kg	Packing dimension mm	N.W kg	G.W kg	Packing dimension mm
100B411	253	271	700x480x1125	259	277	700x480x1125
150B411	256	274	700x480x1155	264	282	700x480x1155
200B411	280	299	740x510x1195	288	307	740x510x1195
100B415	275	293	700x480x1175	281	299	700x480x1175

Model	R			Y		
	N.W kg	G.W kg	Packing dimension mm	N.W kg	G.W kg	Packing dimension mm
150B419	327	346	700x480x1265	335	354	700x480x1265
200B419	354	373	740x510x1305	362	381	740x510x1305
100B422	346	366	700x480x1265	352	372	700x480x1265
150B422	347	367	700x480x1265	355	375	700x480x1265