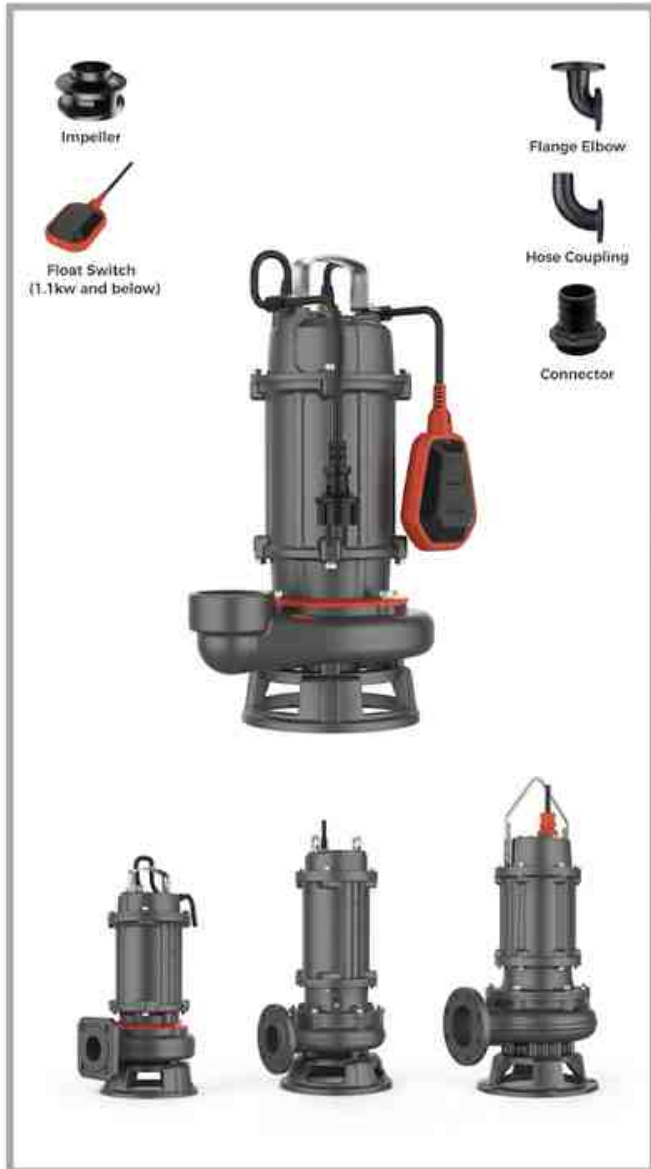




Application

- Water drainage in factories, construction sites, and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal pools and field irrigation in the countryside

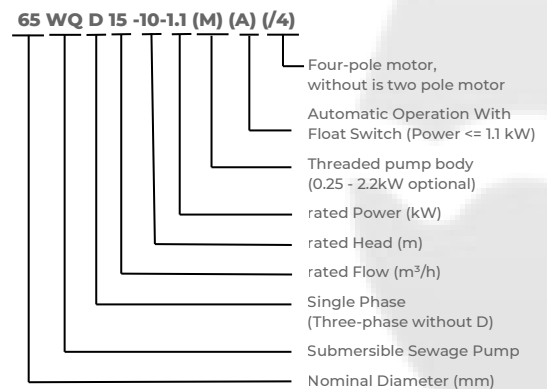
Pump

- Max. immersion depth: 10 m
- 0.25-4 kW, Standard PN6 pump body with hose coupling
- 5.5-7.5 kW, Standard PN6 pump body, without hose coupling
- 11-22kW, Standard PN10 pump body, without hose coupling, optional PN6 pump body with hose coupling
- Can be equipped with hose connection can choose flange connection
- Cable Length: 10 m (under 30kW), 8m (30-45kW)
- Max. liquid temperature: up to +40°C
- Liquid PH value: 4 - 10
- Max. liquid density: $1.3 \times 10^3 \text{ kg/m}^3$
- Allowed by the particle diameter: 20-80 mm
- Single-phase optional

Motor

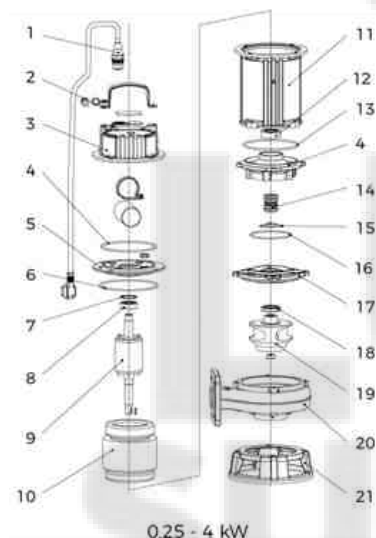
- Cooper winding
- Insulation class: F
- Enclosures class: IP68
- Motor protection: 0.25 - 4 kW (5.5 kW and above need control cabinet)
- 0.25-4kW: Star connection; 5.5-37 kW: Delta connection; 45 kW; Star-triangle connection

Identification Codes



Material Table

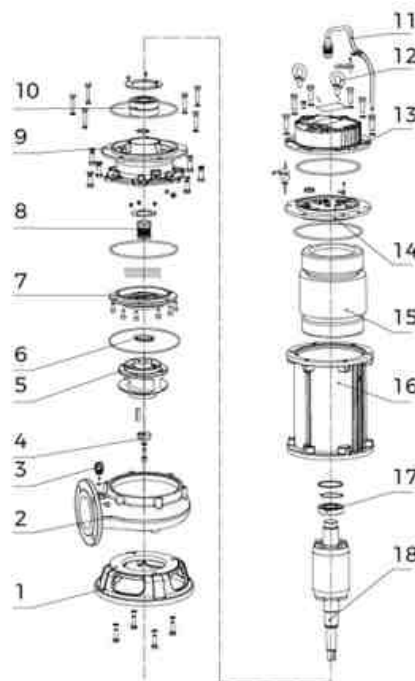
No.	Part	Material	No.	Part	Material
01	Cable		12	Bearing	
02	Handle	AISI304	13	Oil Chamber	HT200
03	Top Cover	HT200	14	Mechanical Seal	
04	O-Ring	NBR	15	Pressing	AISI304
05	End Cover	HT200	16	O-Ring	NBR
06	O-Ring	NBR	17	Cylinder Head	HT200
07	Wave Spring Washer	65Mn	18	Oil Seal	
08	Bearing		19	Impeller	HT200
09	Rotor		20	Pump Body	HT200
10	Stator		21	Base	HT200
11	Motor Casing	HT200			



Material Table

No.	Part	Material
01	Pedestal	HT200
02	Pump body	HT200
03	Air vent valve	
04	Washer	AISI304
05	Impeller	HT200
06	Casket seal	NBR
07	Cylinder Head	HT200
08	Mechanical seals	
09	Oil chamber	HT200
10	Ball bearing	
11	Cable assembly	
12	Rings	
13	Top cover	HT200
14	End cover	HT200

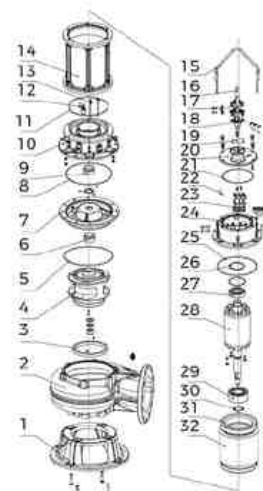
No.	Part	Material
15	Winding	
16	Mechine barrel	HT200
17	Ball bearing	
18	Motor	



5.5 - 7.5 kW

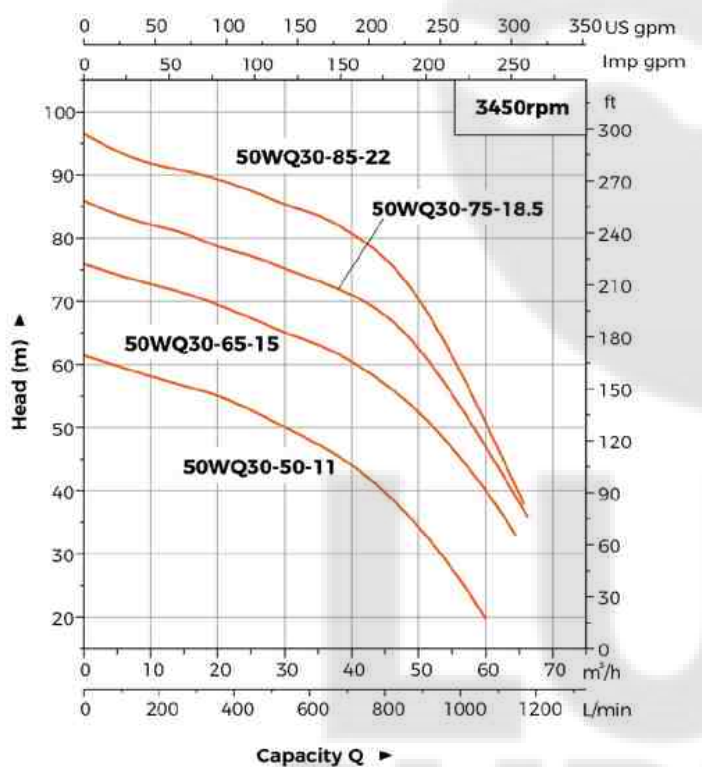
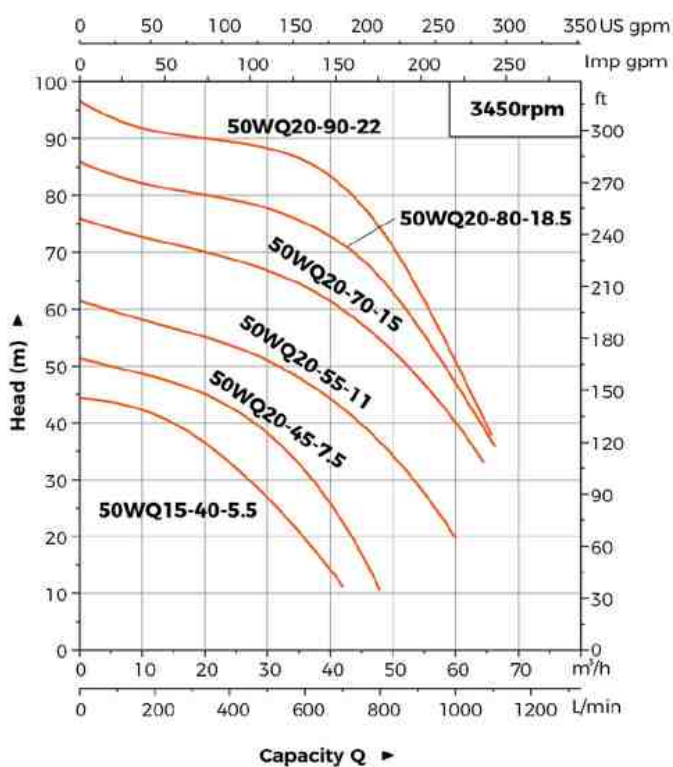
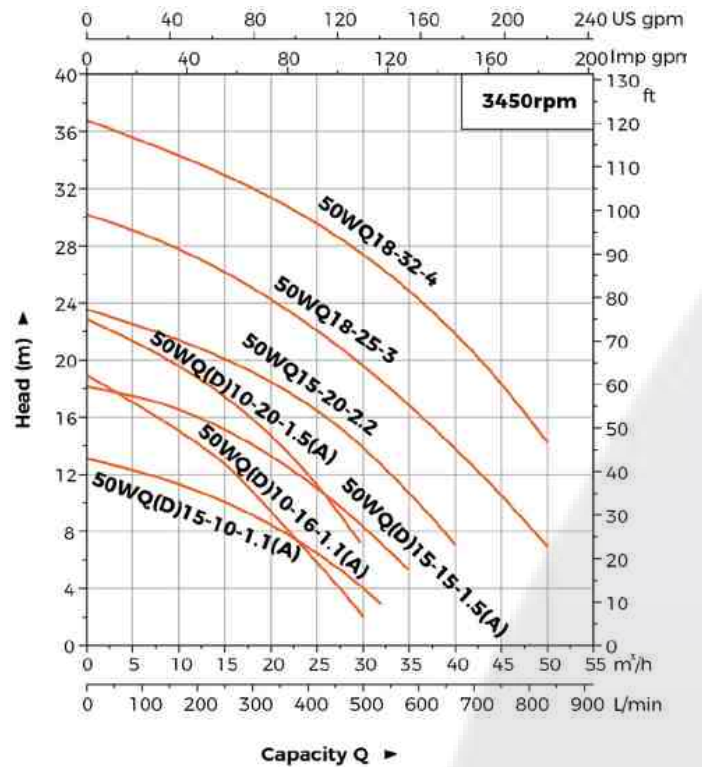
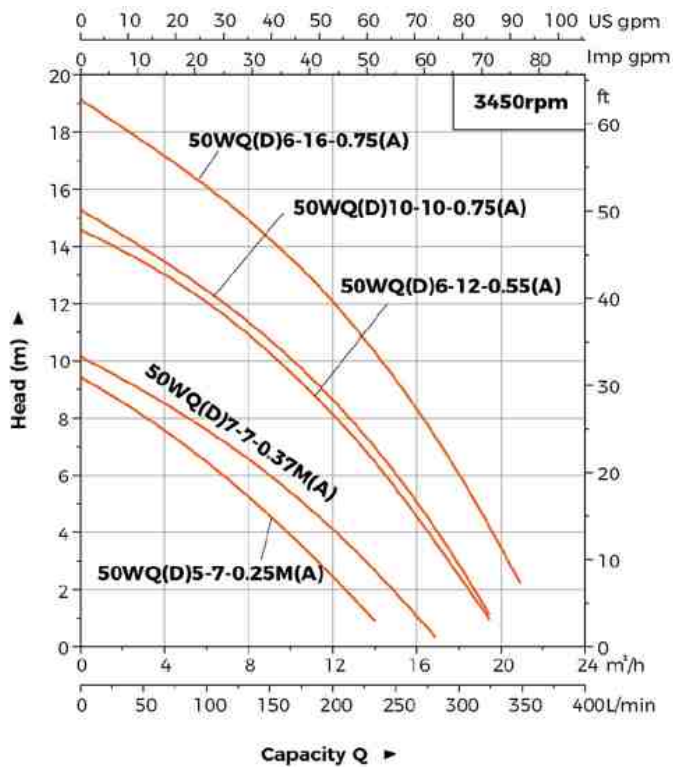
No.	Part	Material
01	Pump base	HT200
02	Pump body	HT200/HT250/QT400
03	Impeller ring	45
04	Impeller	HT200/HT250/QT400
05	O-ring	NBR
06	Mechanical seal	Silicon/Carbon
07	Pump cover	HT200
08	O-ring	NBR
09	Mechanical seal	Silicon/Carbon
10	Oil chamber	HT200
11	O-ring	NBR
12	Float switch (optional)	AISI304
13	Oil-water probe (optional)	AISI304
14	Motor base	HT200
15	Handle components	Q235
16	Cable assembly	YCW
17	Cable clamp	HT200

No.	Part	Material
18	Signal line (optional)	YCW
19	Nameplate	AISI304
20	Top cover	HT200
21	O-ring	NBR
22	Water leakage protection(optional)	
23	Wiring base	
24	Upper cover	HT200
25	O-ring	NBR
26	Wave spring	65Mn
27	Ball bearing	
28	Rotor	
29	Bearing	
30	Snap ring	65Mn
31	Temperature sensor(optional)	
32	Stator	

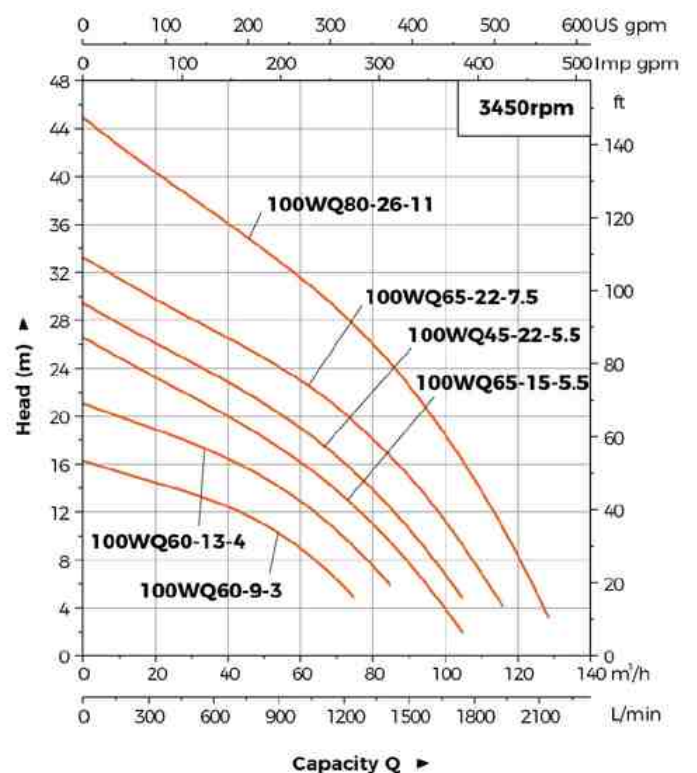
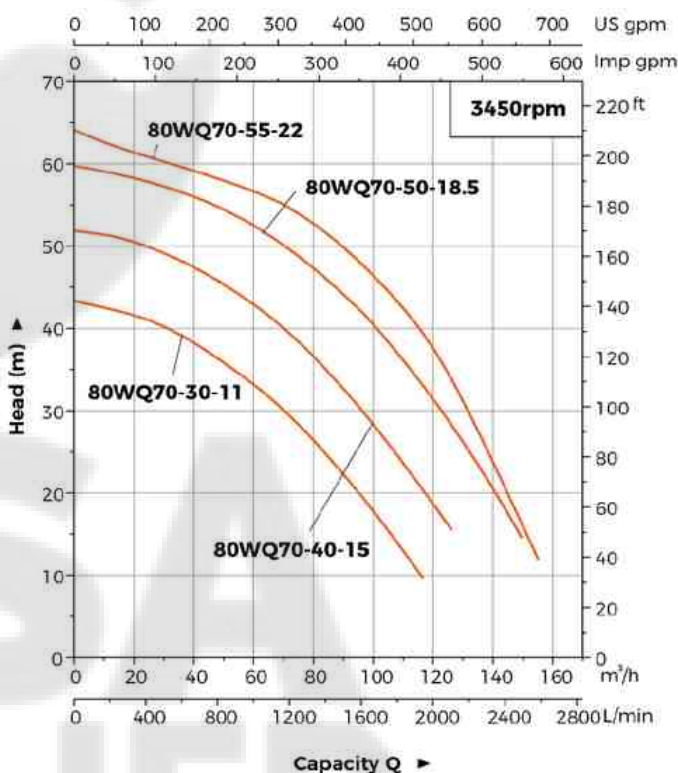
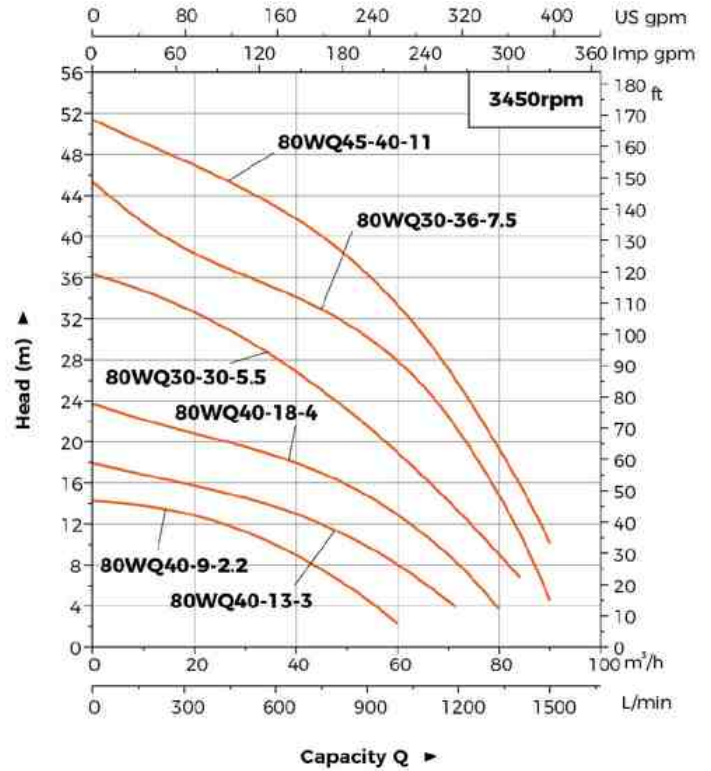
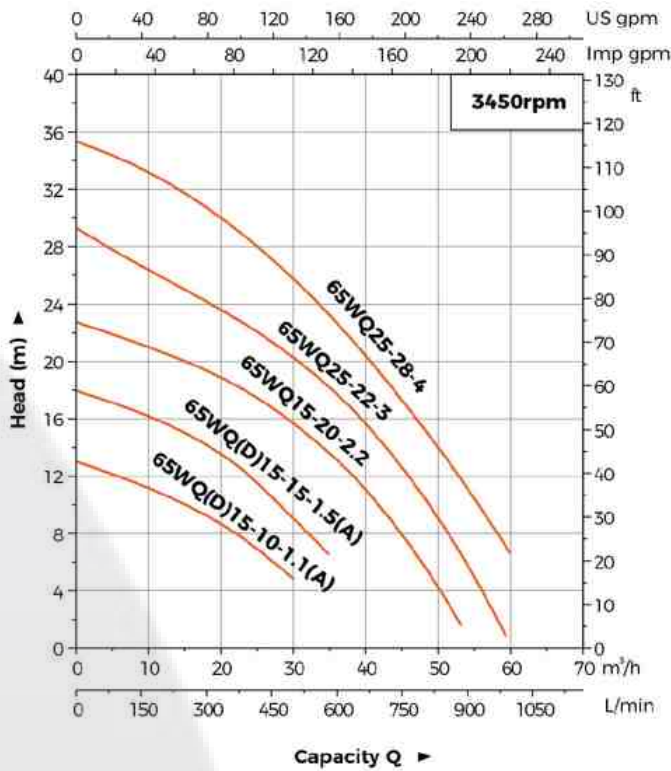


11 - 45 kW

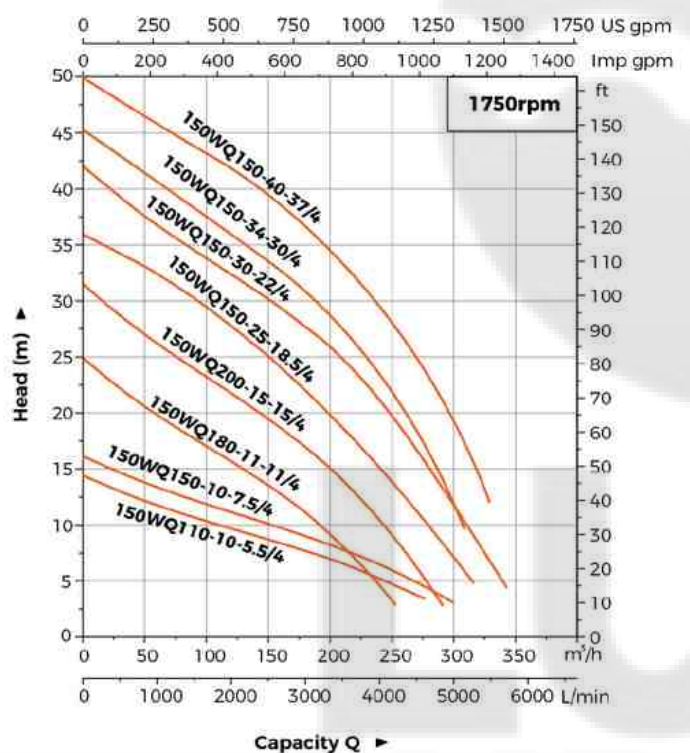
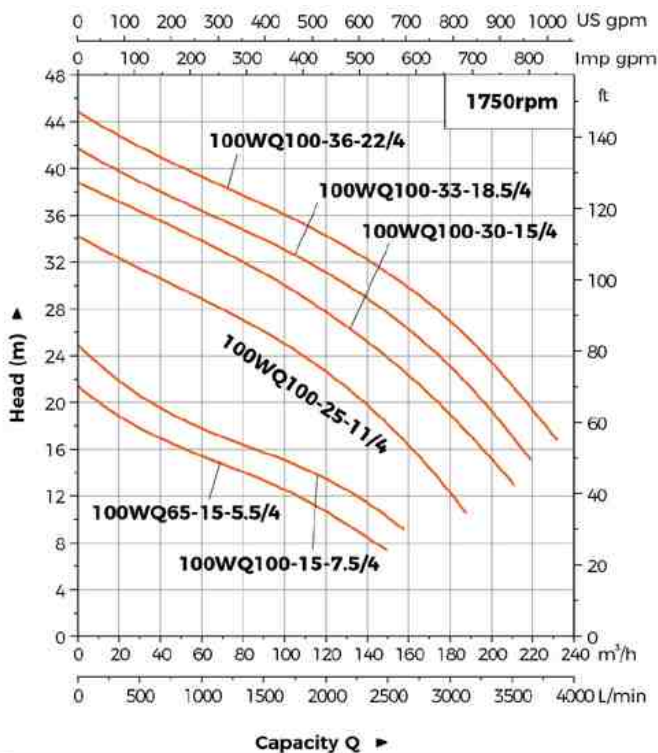
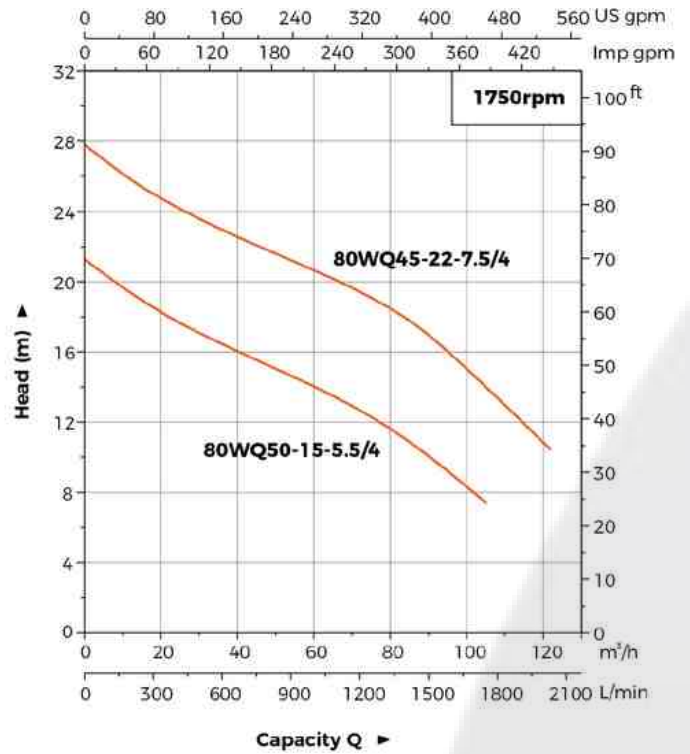
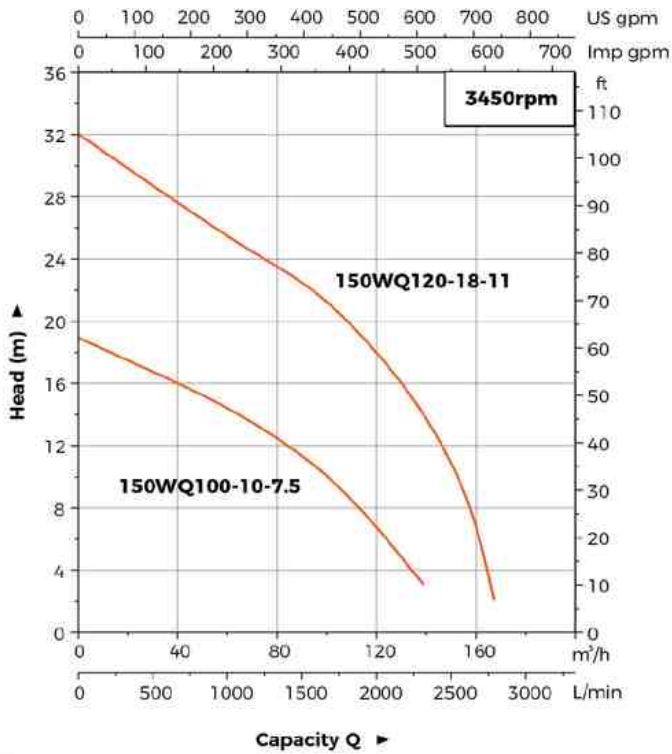
Hydraulic performance curves



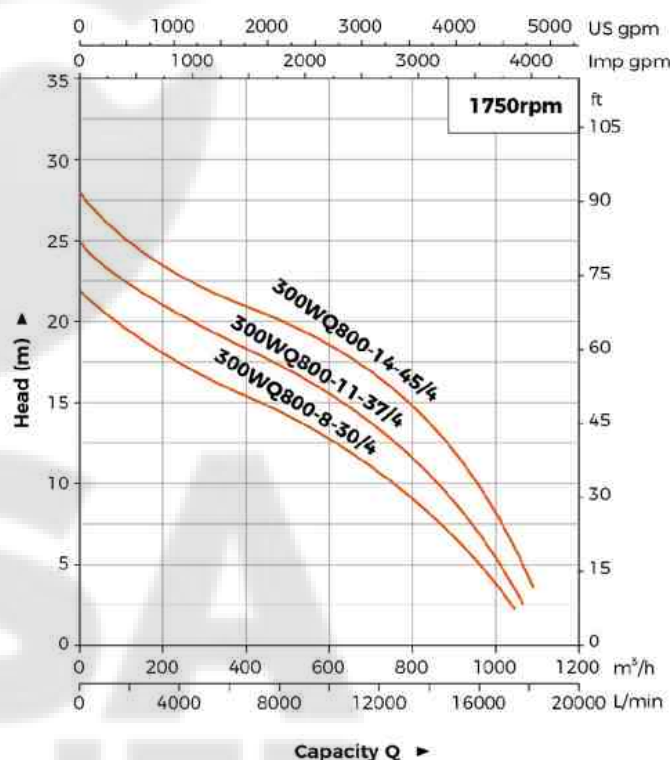
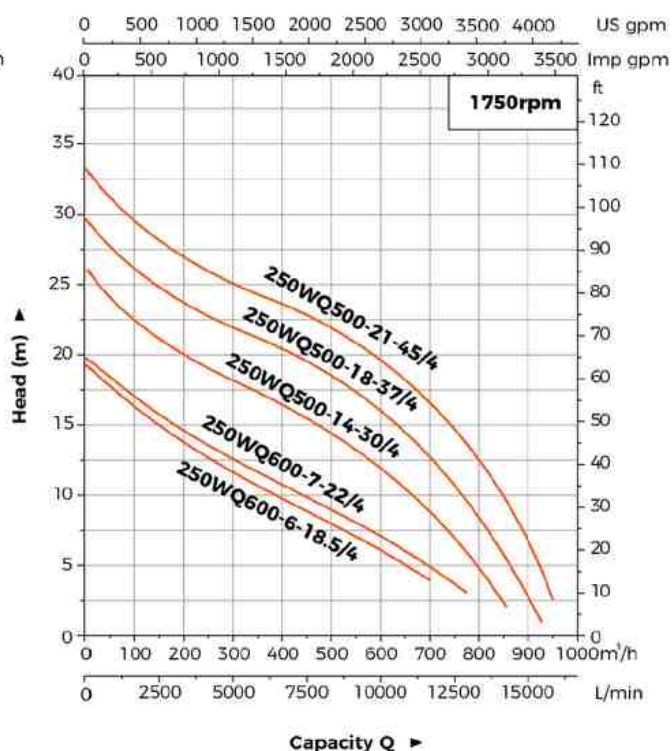
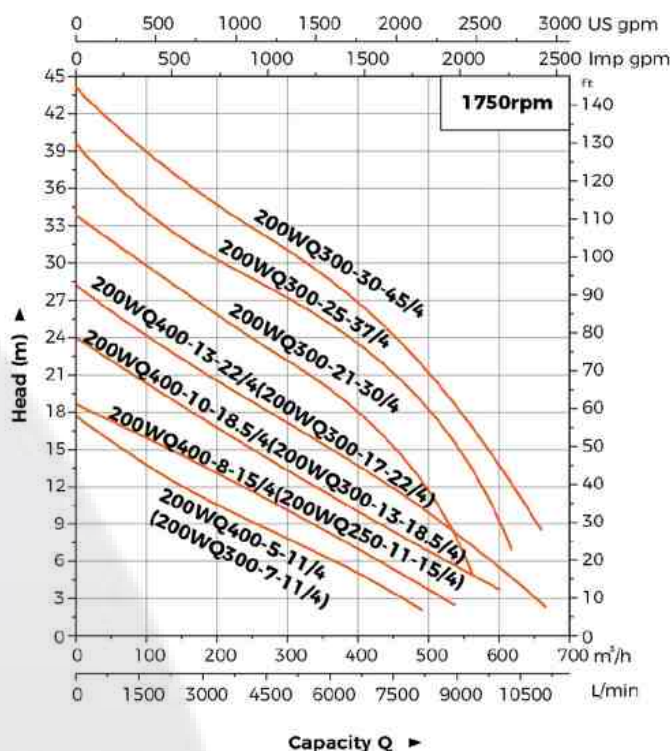
Hydraulic performance curves



Hydraulic performance curves



Hydraulic performance curves



SUBMERSIBLE SEWAGE PUMP SERIES 60HZ

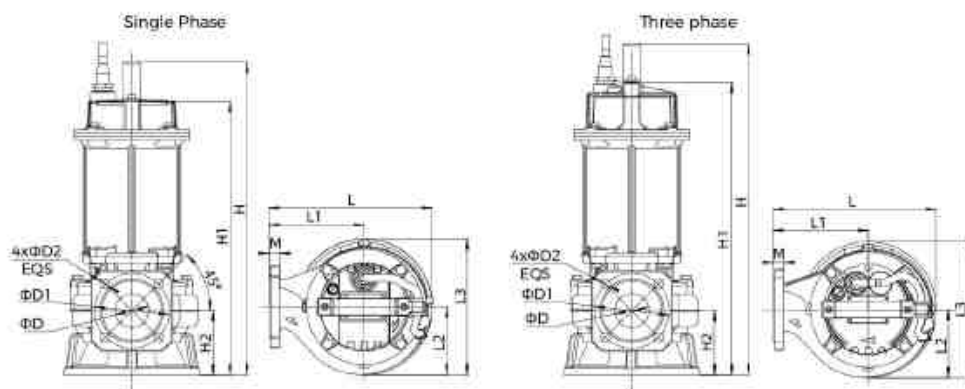
Technical Data

Model	Voltage	Speed	Max. Flow	Max. Head	Motor Power		Diameter	Guide Rail Fitting	Max. Solid Dia	N.W	G.W	Packing Dimension
	V	r.p.m	m ³ /h	m	kW	HP	in		mm	kg	kg	mm
50WQ5-7-0.25M	380	3450	14	8	0.25	0.33	2"	50-50	5	15.3	22.9	544x235x214
50WQD5-7-0.25M(A)	220	3450	14	8	0.25	0.33	2"	50-50	5	16	23.6	544x235x214
50WQ7-7-0.37M	380	3450	15	10	0.37	0.55	2"	50-50	15	15.4	23.1	544x235x214
50WQD7-7-0.37M(A)	220	3450	15	10	0.37	0.55	2"	50-50	15	16.1	23.7	544x235x214
50WQ6-12-0.55	380	3450	19	15	0.55	0.75	2"	50-50	15	16.5	24.1	544x235x214
50WQD6-12-0.55(A)	220	3450	19	15	0.55	0.75	2"	50-50	15	16.7	24.3	544x235x214
50WQ6-16-0.75	380	3450	22	19	0.75	1	2"	50-50	15	17.2	24.8	544x235x214
50WQD6-16-0.75(A)	220	3450	22	19	0.75	1	2"	50-50	15	17.7	25.3	544x235x214
50WQ10-10-0.75	380	3450	19	15	0.75	1	2"	50-50	20	17	24.6	544x235x214
50WQD10-10-0.75(A)	220	3450	19	15	0.75	1	2"	50-50	20	17.5	25.1	544x235x214
50WQ10-16-1.1	380	3450	30	19	1.1	1.5	2"	50-50	25	29.9	38.6	544x269x244
50WQD10-16-1.1(A)	220	3450	30	19	1.1	1.5	2"	50-50	25	25.6	34.4	544x269x244
50WQ15-10-1.1	380	3450	27	12.5	1.1	1.5	2"	50-50	25	29.5	38.2	544x269x244
50WQD15-10-1.1(A)	220	3450	27	12.5	1.1	1.5	2"	50-50	25	25.2	33.9	544x269x244
65WQ15-10-1.1	380	3450	31.5	13	1.1	1.5	2½"	65-65	25	36.2	48	544x269x244
65WQD15-10-1.1(A)	220	3450	31.5	13	1.1	1.5	2½"	65-65	25	38.6	50.5	544x269x244
50WQ10-20-1.5	380	3450	33	21.5	1.5	2	2"	50-50	25	24.3	33.1	544x269x244
50WQD10-20-1.5(A)	220	3450	33	21.6	1.5	2	2"	50-50	25	25.8	34.6	604x269x244
50WQ15-15-1.5	380	3450	32	18.5	1.5	2	2"	50-50	25	24	32.7	544x269x244
50WQD15-15-1.5(A)	220	3450	32	18.5	1.5	2	2"	50-50	25	25.7	34.5	604x269x244
65WQ15-15-1.5	380	3450	39.7	20	1.5	2	2½"	65-65	25	26.3	35.1	544x269x244
65WQD15-15-1.5(A)	220	3450	39.7	20	1.5	2	2½"	65-65	25	30.1	38.8	604x269x244
50WQ15-20-2.2	380	3450	36	24	2.2	3	2"	50-50	20	30.1	38.8	604x269x244
65WQ15-20-2.2	380	3450	41.6	24.6	2.2	3	2½"	65-65	25	30.7	39.6	604x269x244
80WQ40-9-2.2	380	3450	63	17	2.2	3	3"	80-80	30	31.2	44.9	604x269x244
50WQ18-25-3	380	3450	42	29	3	4	2"	50-50	20	43.4	53	744x324x279
65WQ25-22-3	380	3450	50	29	3	4	2½"	65-65	25	44	55.8	744x324x279
80WQ40-13-3	380	3450	70	20	3	4	3"	80-80	30	44.8	58.7	744x324x279
100WQ60-9-3	380	3450	75	16	3	4	4"	100-100	30	46.8	63.3	744x324x279
50WQ18-32-4	380	3450	45	36	4	5.5	2"	50-50	20	46.2	55.7	744x324x279
65WQ25-28-4	380	3450	51	31.5	4	5.5	2½"	65-65	25	46.8	58.5	744x324x279
80WQ40-18-4	380	3450	79	21	4	5.5	3"	80-80	30	47.4	61.3	744x324x279
100WQ60-13-4	380	3450	85	20	4	5.5	4"	100-100	30	49.6	66.1	744x324x279
50WQ15-40-5.5	380	3450	30	44	5.5	7.5	2"	50-50	20	94	113	430x360x1032
80WQ30-30-5.5	380	3450	70	35	5.5	7.5	3"	80-80	30	93	112.1	430x360x1032
100WQ45-22-5.5	380	3450	100	28	5.5	7.5	4"	100-100	30	93	112.1	430x360x1032
100WQ65-15-5.5	380	1450	120	18	5.5	7.5	4"	100-100	55	145	173.1	550x450x1127
50WQ20-45-7.5	380	3450	45	50	7.5	10	2"	50-50	20	108	125	430x360x1032
80WQ30-36-7.5	380	3450	75	41	7.5	10	3"	80-80	30	109	127	430x360x1032
100WQ65-22-7.5	380	3450	108	31	7.5	10	4"	100-100	35	118	137.1	430x360x1032
150WQ100-10-7.5	380	3450	150	20	7.5	10	6"	150-150	35	120	139.1	430x360x1032
50WQ20-55-11	380	3450	45	60.5	11	15	2"	50-50	25	136	156	1040x420x477
50WQ30-50-11	380	3450	45	60.5	11	15	2"	50-50	25	136	156	1040x420x477
80WQ45-40-11	380	3450	60	50.5	11	15	3"	80-80	30	131	151	1040x420x477
80WQ70-30-11	380	3450	100	40.5	11	15	3"	80-80	30	137	157	1040x420x477
100WQ80-26-11	380	3450	120	42	11	15	4"	100-100	35	132	152	1040x420x477

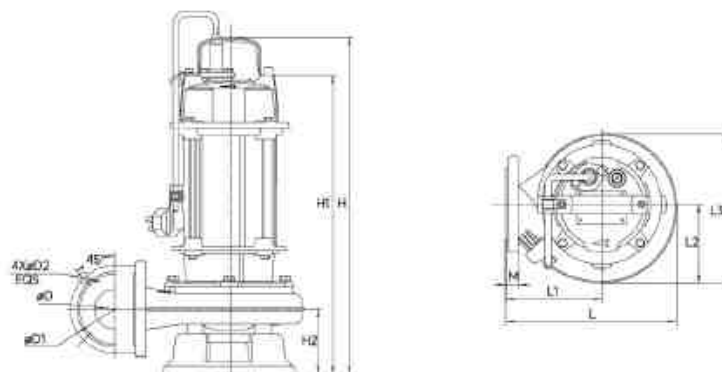
Technical Data

Model	Voltage	Speed	Max. Flow	Max. Head	Motor Power		Diameter	Guide Rail Fitting	Max. Solid Dia	N.W	G.W	Packing Dimension
	V	r.p.m	m ³ /h	m	kW	HP	in		mm	kg	kg	mm
150WQ120-18-11	380	3450	160	30	11	15	6"	150-150	55	137	157	1040x420x477
50WQ20-70-15	380	3450	45	75.5	15	20	2"	50-50	25	150	170	1040x420x477
50WQ30-65-15	380	3450	45	75.5	15	20	2"	50-50	25	150	170	1040x420x477
80WQ70-40-15	380	3450	100	49.5	15	20	3"	80-80	30	149	169	1040x420x477
50WQ20-80-18.5	380	3450	45	85.5	18.5	22	2"	50-50	25	217.5	242.5	1240x460x500
50WQ30-75-18.5	380	3450	45	85.5	18.5	22	2"	50-50	25	217.5	242.5	1240x460x500
80WQ70-50-18.5	380	3450	100	58.5	18.5	22	3"	80-80	30	212.5	237.5	1240x460x500
50WQ20-90-22	380	3450	45	94	22	30	2"	50-50	25	225	250	1240x460x500
50WQ30-85-22	380	3450	45	94	22	30	2"	50-50	25	225	250	1240x460x500
80WQ70-55-22	380	3450	100	63	22	30	3"	80-80	30	219	244	1240x460x500
80WQ50-15-5.5/4	380	1750	70	25	5.5	7.5	3"	80-60	30	145	173	550x450x1127
100WQ65-15-5.5/4	380	1750	120	18	5.5	7.5	4"	100-100	55	145	173.1	550x450x1127
150WQ110-10-5.5/4	380	1750	260	12	5.5	7.5	6"	150-150	75	155	183.1	550x450x1127
80WQ45-22-7.5/4	380	1750	80	26	7.5	10	3"	80-80	30	150	166.8	550x450x1127
100WQ100-15-7.5/4	380	1750	140	21	7.5	10	4"	100-100	55	150	178.1	550x450x1127
150WQ150-10-7.5/4	380	1750	300	16	7.5	10	6"	150-150	75	160	188.1	550x450x1127
100WQ100-25-11/4	380	1750	220	31	11	15	4"	100-100	50	252	274	616x520x1388
150WQ180-11-11/4	380	1750	260	24	11	15	6"	150-150	60	264	286	616x520x1388
200WQ300-7-11/4	380	1750	450	17	11	15	8"	200-200	70	285	314	716x620x1488
200WQ400-5-11/4	380	1750	470	18	11	15	8"	200-200	55	285	314	716x620x1488
100WQ100-30-15/4	380	1750	220	36	15	20	4"	100-100	50	273	295	616x520x1388
150WQ200-15-15/4	380	1750	290	29	15	20	6"	150-150	60	285	307	616x520x1388
200WQ250-11-15/4	380	1750	490	21	15	20	8"	200-200	70	305.5	334.5	716x620x1488
200WQ400-8-15/4	380	1750	525	19	15	20	8"	200-200	55	304.5	334.5	716x620x1488
100WQ100-33-18.5/4	380	1750	220	39	18.5	25	4"	100-100	50	298	320	616x520x1388
150WQ150-25-18.5/4	380	1750	300	32	18.5	25	6"	150-150	60	305.5	327.5	616x520x1388
200WQ300-13-18.5/4	380	1750	530	25	18.5	25	8"	200-200	70	325.5	354.5	716x620x1488
200WQ400-10-18.5/4	380	1750	525	22	18.5	22	8"	200-200	55	325.5	354.5	716x620x1488
100WQ100-36-22/4	380	1750	220	42	22	30	4"	100-100	50	293	315	616x520x1388
150WQ150-30-22/4	380	1750	330	39	22	30	6"	150-150	60	312	334	616x520x1388
200WQ300-17-22/4	380	1750	550	27	22	30	8"	200-200	70	331.5	360.5	716x620x1488
200WQ400-13-22/4	380	1750	525	24.5	22	30	8"	200-200	55	331.5	360.5	716x620x1488
150WQ150-34-30/4	380	1750	310	45	30	40	6"	150-150	55	497	519	780x600x1430
200WQ300-21-30/4	380	1750	570	33	30	40	8"	200-200	80	519	541	820x620x1470
150WQ150-40-37/4	380	1750	330	50	37	50	6"	150-150	55	557	579	780x600x1480
200WQ300-25-37/4	380	1750	620	39	37	50	8"	200-200	80	576	598	820x620x1520
200WQ300-30-45/4	380	1750	660	43	45	60	8"	200-200	80	612	634	820x620x1520
250WQ600-6-18.5/4	380	1750	750	18	18.5	22	10"	250-250	75	354	383	716x620x1488
250WQ600-7-22/4	380	1750	800	22	22	30	10"	250-250	85	360	389	716x620x1488
250WQ500-14-30/4	380	1750	860	27	30	40	10"	250-250	85	512	535	780x650x1490
250WQ500-18-37/4	380	1750	930	30	37	50	10"	250-250	85	570	593	780x650x1540
250WQ500-21-45/4	380	1750	950	34	45	60	10"	250-250	85	606	629	780x650x1540
300WQ800-8-30/4	380	1750	1040	22	30	40	12"	300-300	90	557	581	860x720x1540
300WQ800-11-37/4	380	1750	1060	25	37	50	12"	300-300	90	614	638	860x720x1590
300WQ800-14-45/4	380	1750	1080	28	45	60	12"	300-300	90	650	674	860x720x1590

Dimension

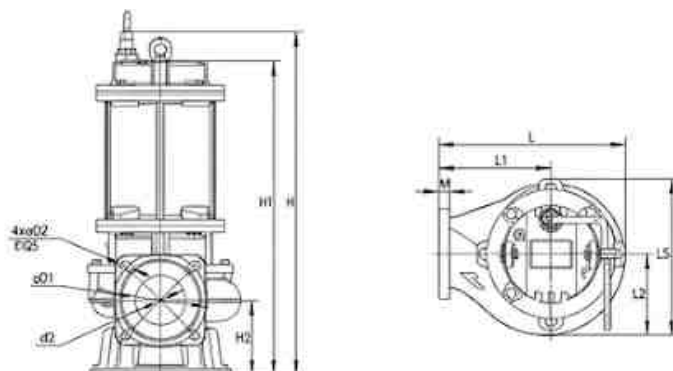


Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ5-7-0.25M	214	120	99	187	16	422	374	81	50	110	14
50WQD5-7-0.25M(A)	214	120	99	187	16	422	374	81	50	110	14
50WQ7-7-0.37M	214	120	99	187	16	422	374	81	50	110	14
50WQD7-7-0.37M(A)	214	120	99	187	16	422	374	81	50	110	14
50WQ6-12-0.55	214	120	99	187	16	422	374	81	50	110	14
50WQD6-12-0.55(A)	214	120	99	187	16	422	374	81	50	110	14

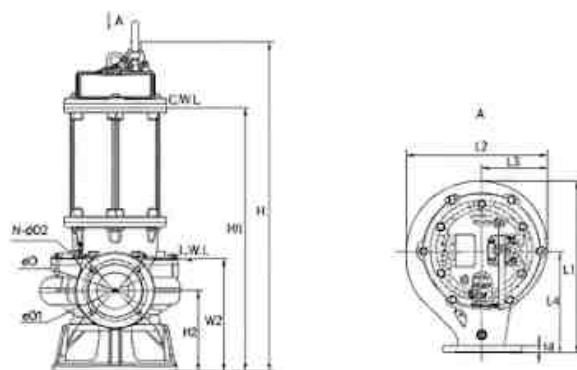


Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ6-16-0.75	214	120	98	186	16	422	374	81	50	110	14
50WQD6-16-0.75(A)	214	120	98	186	16	422	374	81	50	110	14
50WQ10-10-0.75	214	120	98	186	16	422	374	81	50	110	14
50WQD10-10-0.75(A)	214	120	98	186	16	422	374	81	50	110	14
50WQ10-16-1.1	240	140	100	200	16	460	402	94.5	50	110	14
50WQD10-16-1.1(A)	240	140	100	200	16	460	402	94.5	50	110	14
50WQ15-10-1.1	240	140	100	200	16	460	402	94.5	50	110	14
50WQD15-10-1.1(A)	240	140	100	200	16	460	402	94.5	50	110	14
65WQ15-10-1.1	240	140	100	200	16	462	405	97	65	130	14
65WQD15-10-1.1(A)	240	140	100	200	16	462	405	97	65	130	14
50WQ10-20-1.5	240	140	100	200	16	460	402	94.5	50	110	14
50WQD10-20-1.5(A)	240	140	100	200	16	460	402	94.5	50	110	14
50WQ15-15-1.5	240	140	100	200	16	460	402	94.5	50	110	14
50WQD15-15-1.5(A)	240	140	100	200	16	460	402	94.5	50	110	14
65WQ15-15-1.5	240	140	100	200	16	462	405	97	65	130	14
65WQD15-15-1.5(A)	240	140	100	200	16	462	405	97	65	130	14
50WQ15-20-2.2	240	140	100	200	16	496	438	94.5	50	110	14
65WQ15-20-2.2	240	140	100	200	16	498	441	97	65	130	14
80WQ40-9-2.2	240	140	103	203	18	516	458	106.5	80	150	19

Dimension



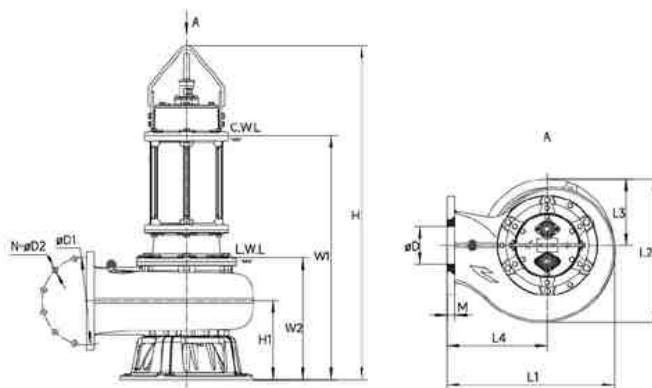
Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ18-25-3	289	170	122	240	16	530	484	109.5	50	110	14
65WQ25-22-3	289	170	122	240	16	530	484	109.5	65	130	14
80WQ40-13-3	289	180	123	242	16	553	507	121.5	80	150	19
100WQ40-9-3	289	180	135	254	18	557	511	125.5	100	170	19
50WQ18-32-4	289	170	123	240	18	553	484	109.5	50	110	14
60WQ25-28-4	289	170	123	240	18	553	484	109.5	65	130	14
80WQ60-18-4	289	170	133	242	18	553	507	121.5	90	150	19
100WQ60-13-4	303	180	135	244	18	557	511	125.5	100	170	19



Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	ΦD1	N-ΦD2
50WQ15-40-5.5	355	310	155	200	20	767	144	584	221	50	110	4-Φ14
50WQ30-30-5.5	355	310	155	200	16	773	142	602	225	60	150	4-Φ19
10VWQ45-22-5.5	355	310	155	200	16	780	143	609	234	100	170	4-Φ19
50WQ30-45-7.5	355	310	155	200	20	809	144	626	221	50	110	4-Φ14
80WQ30-35-7.5	355	310	155	200	18	812	166	640	225	50	150	4-Φ19
100WQ65-22-7.5	375	310	155	200	18	820	143	639	234	100	170	4-Φ19
150WQ100-10-7.5	365	317	162	210	20	841	154	660	241	150	225	4-Φ19
70WQ20-55-11	372	304	158	220	20	854	165	239	697	80	110	4-Φ14
50WQ30-50-11	372	304	158	220	20	894	165	239	697	80	110	4-Φ14
80WQ45-40-11	343	378	153	210	18	842	141	239	685	80	150	4-Φ19
90WQ70-30-11	377	314	167	210	22	801	157	246	714	80	150	4-Φ19
100WQ80-15-11	343	305	158	210	18	840	145	234	655	100	170	4-Φ19
150WQ120-15-11	355	300	162	210	20	870	155	255	713	150	225	8-Φ19
50WQ20-70-15	372	304	158	220	20	894	166	239	737	80	110	4-Φ14
50WQ30-65-15	372	304	158	220	20	894	165	239	727	80	110	4-Φ14
80WQ70-40-15	377	374	167	280	22	801	197	246	734	80	150	4-Φ19
80WQ50-15-5.5/4	467	373	172	280	22	880	206	706	285	80	150	4-Φ19
100WQ95-15-5.5/4	467	373	200	280	18	903	221	722	285	100	170	4-Φ19
150WQ110-10-5.5/4	465	387	217	200	20	940	240	756	330	150	225	4-Φ19
80WQ45-22-7.5/4	467	373	172	280	22	980	205	706	285	80	150	4-Φ19
100WQ160-10-7.5/4	467	373	200	280	18	903	221	722	285	100	170	4-Φ19
150WQ150-10-7.5/4	465	377	217	200	20	940	240	726	330	150	225	8-Φ19

SUBMERSIBLE SEWAGE PUMP SERIES 60HZ

Dimension



Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	ΦD1	N-ΦD2
100WQ100-25-11/4	550	460	230	320	28	1117	240	758	361	100	180	8-Φ19
150WQ180-11-11/4	565	466	209	335	30	1143	251	784	251	150	240	8-Φ23
200WQ300-7-11/4	623	514	222	370	30	1176	260	818	416	200	295	8-Φ23
200WQ400-5-11/4	623	514	222	370	30	1176	260	818	416	200	295	8-Φ23
100WQ100-30-15/4	550	460	230	320	28	1162	240	803	361	100	180	8-Φ19
150WQ200-15-15/4	565	466	209	335	30	1188	251	829	251	150	240	8-Φ23
200WQ250-11-15/4	623	514	222	370	30	1221	260	863	416	200	295	8-Φ23
200WQ400-8-15/4	623	514	222	370	30	1221	260	863	416	200	295	8-Φ23
50WQ20-80-18.5	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
50WQ30-75-18.5	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
80WQ70-50-18.5	386	333	167	220	22	1111	157	259	769	80	200	8-Φ19
100WQ100-33-18.5/4	550	460	230	320	28	1197	240	838	361	100	180	8-Φ19
150WQ150-25-18.5/4	565	466	209	335	30	1223	251	864	251	150	240	8-Φ23
200WQ300-13-18.5/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
200WQ400-10-18.5/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
250WQ600-6-18.5/4	666	570	259	400	32	1332	315	974	492	250	350	12-Φ23
50WQ20-90-22	386	333	174	250	20	1111	166	254	764	50	165	4-Φ19
50WQ30-85-22	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
80WQ70-55-22	419	340	167	220	22	1106	157	259	769	80	200	8-Φ19
100WQ100-36-22/4	550	460	230	320	28	1197	240	838	361	100	180	8-Φ19
150WQ150-30-22/4	565	466	209	335	30	1223	251	864	251	150	240	8-Φ23
200WQ300-17-22/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
200WQ400-13-22/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
250WQ600-7-22/4	666	570	259	400	32	1332	315	974	492	250	350	12-Φ23
150WQ150-34-30/4	652	553	270	380	30	1200	250	855	340	150	240	8-Φ22
200WQ300-21-30/4	676	578	270	390	30	1240	270	895	380	200	295	8-Φ22
250WQ500-14-30/4	710	602	270	410	32	1265	275	920	400	250	350	12-Φ22
300WQ800-8-30/4	820	676	290	480	34	1315	310	970	450	300	400	12-Φ22
150WQ150-40-37/4	652	553	270	380	30	1255	250	850	340	150	240	8-Φ22
200WQ300-25-37/4	676	578	270	390	30	1295	270	890	380	200	295	8-Φ22
250WQ500-18-37/4	710	602	270	410	32	1315	275	910	400	250	350	12-Φ22
300WQ800-11-37/4	820	676	290	480	34	1365	310	860	450	300	400	12-Φ22
200WQ300-30-45/4	676	578	270	390	30	1295	270	930	380	200	295	8-Φ22
250WQ500-21-45/4	710	602	270	410	32	1315	275	950	400	250	350	12-Φ22
300WQ800-14-45/4	820	676	290	480	34	1365	310	1000	450	300	400	12-Φ22



Guide Rail Sytem

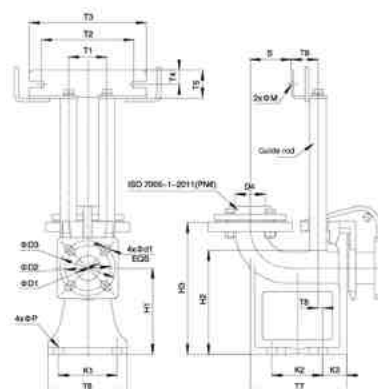
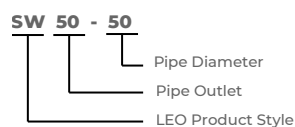
- Suitable for pumps with flange conforming to ISO 7005-92 standard.
- Automatic engagement with flange elbow

Includes

- Duck-foot bend
- Guide hook
- Flange connector
- Upper guide support
- Bolt and lock washers

(Foundation bolts and guide pipes are not included)

Identification Codes



Dimension

Model	D1	D2	D3	D4	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	K3	H1	H2	H3	S	M	P	d1
SW50-50(PN6)	50	90	110	G2	75	182	230	28	55	165	190	12	52.5	115	100	45	170	205	260	80.5	12	18	14
SW65-65(PN6)	65	-	130	G2.5	85	182	230	28	55	190	210	17	59	145	120	45	175	220	270	89	12	18	14
SW80-80(PN6)	80	-	150	G3	85	182	230	28	55	220	242	27	59	175	160	41	190	246	290	115	12	18	18
SW100-100(PN6)	100	170	-	-	100	182	250	28	55	220	350	38	59	169	266	41	230	305	360	135	14	22	19
SW100-100(PN10)	100	-	180	-	100	182	250	28	55	220	350	38	59	169	266	41	230	305	360	135	14	22	19
SW150-150(PN6)	150	225	-	-	100	182	250	28	55	330	460	40	59	280	340	57	275	380	447	191	14	22	19
SW150-150(PN10)	150	-	240	-	100	182	250	28	55	330	460	40	59	280	340	57	275	380	447	191	14	22	22

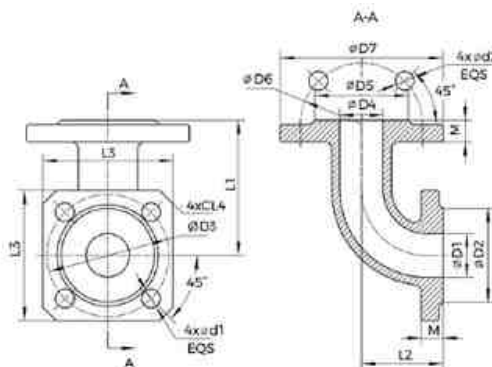
Standard with threaded flange and fastening bolt, with bracket welder. Without guide rod, guide chain and anchor bolts, and without fixed bolts for bracket weldment, the customer shall provide them by himself. Guide rod can be standard galvanized water pipe.(DN100 and above are circular outlets without flanges)

Package Information

Model	Caliber (mm)	Nominal pressure	Packing Dimension (mm)	G.W (kg)	N.W (kg)
DN50-PN6	50	PN6	377x322x205	23	17.6
DN65-PN6	65	PN6	406x339x230	30	23.5
DN80-PN6	80	PN6	460x375x270	39.5	30.8
DN100-PN6	100	PN6	523x483x296	53.8	45
DN150-PN6	150	PN6	605x355x650	97	86.6
DN200-PN6	200	PN6	690x390x757	138.5	122.5
DN250-PN6	250	PN6	765x430x845	179	160
DN100-PN10	100	PN10	523x483x296	53.8	45
DN150-PN10	150	PN10	605x355x650	97	86.6
DN200-PN10	200	PN10	690x390x757	138.5	122.5
DN250-PN10	250	PN10	765x430x845	179	160

Flange Elbow

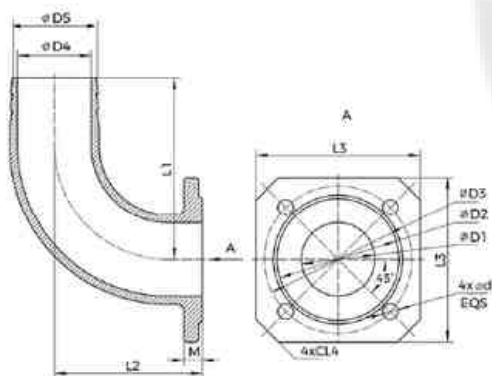
Dimension



Model	D1	D2	D3	D4	D5	D6	D7	L1	L2	L3	L4	M	d1	d2
32-32 Flange Elbow	32	69	90	32	69	90	120	100	60	96	10	16	14	14
40-50 Flange Elbow	40	78	100	50	88	110	140	120	60	110	15	16	14	14
50-50 Flange Elbow	50	88	110	50	88	110	140	105	105	120	15	16	14	14
65-65 Flange Elbow	65	108	130	65	108	130	160	130	130	145	20	16	14	14
80-80 Flange Elbow	80	124	150	80	124	150	190	155	155	145	15	18	18	18

Hose Coupling

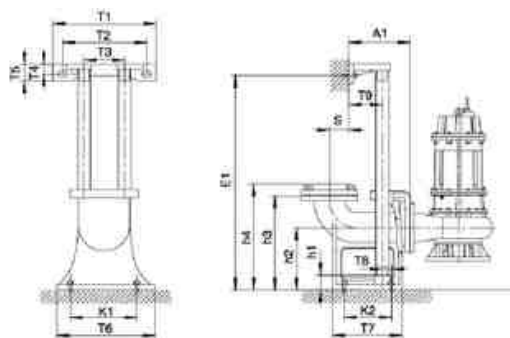
Dimension



Model	D1	D2	D3	D4	D5	L1	L2	L3	L4	M	d1
• 50-40 Hose Coupling	50	88	110	38	48	115	65	120	15	16	14
• 65-50 Hose Coupling	65	108	130	51	61	125	68	145	20	16	14
• 80-60 Hose Coupling	80	124	150	60	70	140	75	145	15	16	18
50-50 Hose Coupling	50	88	110	50	58	140	120	120	15	16	14
65-65 Hose Coupling	65	108	130	65	74	160	130	145	20	18	14
80-80 Hose Coupling	80	124	150	80	87	190	135	145	15	18	18

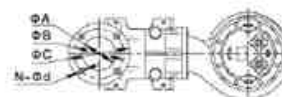
• Product standard

Coupler installation size drawing



Main accessories

- Coupling seat
 - Coupling block
 - Upper guide rod frame
 - Flange(s4")
- Guide rods, anchor bolts, expansion bolts, chain assembly are not included



Model	ΦA	ΦB	ΦC	N-Φd	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	S	h1	h2	h3	h4	A1	N.W (kg)	Guide rod length (mm)
200-200(PN10)	Φ200	295	340	8-Φ22	400	260	280	24	48	400	445	100	95	300	355	230	440	325	555	-	285	125	E1-460
250-250(PN10)	Φ250	350	395	12-Φ22	400	260	280	24	48	460	555	110	95	360	430	295	460	315	630	-	310	195	E1-480
300-300(PN10)	Φ300	400	445	12-Φ22	520	340	375	32	65	550	600	140	115	414	460	270	570	415	730	-	380	305	E1-590

Note: The guide rod pipes, anchor bolts, and upper guide rod frame bolts need to be provided by the customer. Standard galvanized water pipes can be used as guide rods. 4 inches (100-100) and below are equipped with internal, threaded flanges and bolts and nuts, 6 inches (150-150) and above are not equipped with internal threaded flanges and bolts and nuts

Internal thread

Coupling assembly	Material	50-50 (PN6)	65-65 (PN6)	80-80 (PN6)	100-100 (PN6)	100-100(PN10)
Coupling seat	Cast iron	DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
Coupling block	Cast iron	DN32/DN40/DN50(PN6)	DN65-65(PN6)	DN80-80(PN6)	DN100-100(PN6)	DN100-100(PN10)
*Flange gasket	Nitrile rubber	DN32/DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
*Bolt	Carbon steel	4-M12x55	4-M12x55	4-M16x60	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12	4-Φ12	4-Φ16	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12	4-M12	4-M16	4-M16	8-M16
*Anti-flange	Cast iron	G2(internal thread) (Matching)	G2½(internal thread) (Matching)	G3(internal thread) (Matching)	DN100	DN100
*Flange gasket	Nitrile rubber	DN50(PN6)(Matching)	DN65(PN6)(Matching)	DN80(PN6)(Matching)	DN100(PN6)	DN100(PN6)
*Bolt	Carbon steel	4-M12x55(Matching)	4-M12x55(Matching)	4-M16x60(Matching)	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12(Matching)	4-Φ12(Matching)	4-Φ16(Matching)	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12(Matching)	4-M12(Matching)	4-M16(Matching)	4-M16	8-M16
Upper guide rod frame	Sheetmetal	DN50	DN65	DN80	DN100	DN100
Recommended reserved hole size for anchor bolts		80x80x270	80x80x270	80x80x270	100x100x350	100x100x350
*Model		Φ32xΦ26	Φ42xΦ36	Φ42xΦ36	Φ45xΦ39	Φ45xΦ39
*Guide rod	Length	(Pool depth)-205mm	(Pool depth)-225mm	(Pool depth)-245mm	(Pool depth)-305mm	(Pool depth)-305mm
*Accessory pack (See below for details)		TOPJ-03	TOPJ-03	TOPJ-03	TOPJ-05t	TOPJ-05

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

SUBMERSIBLE SEWAGE PUMP SERIES 60HZ

Internal thread

Coupling assembly	Material	150-150 (PN6)	150-150 (PN10)	200-200 (PN10)	250-250 (PN10)	300-300 (PN10)	400-400 (PN10)
Coupling seat	Cast iron	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
Coupling block	Cast iron	DN150-150(PN10)	150-150(PN10)	200-200(PN10)	250-250(PN10)	300-300(PN10)	400-400(PN10)
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	12-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
*Anti-flange	Cast iron	DN150	DN150	DN200	DN250	DN300	DN400
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	2-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
Upper guide rod frame	Sheetmetal or Cast Iron	DN150	DN150	DN200	DN250	DN300	DN400
Recommended reserved hole size for anchor bolts		100x100x350	100x100x350	100x100x350	100x100x350	100x100x350	100x100x350
*Guide rod	*Model	Φ45x39	Φ45x39	Φ48x42	Φ48x42	Φ60x53	Φ60x53
	Length	(Pool depth)-380mm	(Pool depth)-380mm	(Pool depth)-460	(Pool depth)-480	(Pool depth)-590	(Pool depth)-790
*Accessory pack (See below for details)		≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

Accessory pack	Includes accessories		
	Anchor bolt	Expansion bolt	Chain specification
TOPJ-03	4-M16x220	2-M12x120	Φ5
TOPJ-05	4-M20x300	2-M12x120	Φ6
TOPJ-06	4-M20x300	2-M12x120	Φ8
TOPJ-08	4-M24x300	3-M14x120	Φ6
TOPJ-09	4-M24x300	3-M14x120	Φ8
TOPJ-10	4-M24x300	3-M14x120	Φ10

Remarks: The accessory package is optional and can be purchased separately when needed, separate inquiry required