



Application

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

Pump

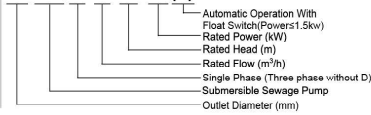
- Max. Immersion depth: 10m (0.75-5.5kw-2P), 20m (7.5kw-2P/5.5-45kw-4P)
- Cable length: 8 m
- Max. liquid temperature: up to +40°C
- Liquid PH value: G - 10
- Max. liquid density: 1.3x10³ kg/m³
- Allowed by the particle diameter: 20 - 80 mm
- Float switch: single phase

Motor

- Copper winding
- Insulation class: B (0.75-5.5kw-2P), F (7.5kw-2P/5.5-45kw-4P)
- Protection class: IPX8
- Motor protection: built in (U, /S- / .5kw-2P, b, S- / .3kw-4P)

Identification Codes

65 WQ D 15-10-1.1(F)



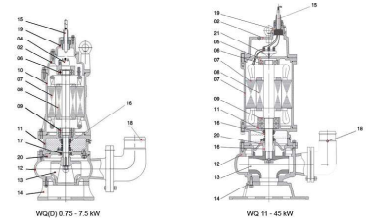
Technical Data

Model	Motor Power	Speed	Max. Flow	Max. Head	Motor Power	Discharge	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	
50WQ10-10-0.75	380	2850	26	12	0.75	1	2	50-50	25	18.5	20	490x255x240
50WQ10-10-0.75(F)	220	2850	26	12	0.75	1	2	50-50	25	19.5	21	490x255x240
50WQ8-16-1.1	380	2850	29	18	1.1	1.5	2	50-50	20	24	25.5	490x255x240
50WQD8-16-1.1(F)	220	2850	29	18	1.1	1.5	2	50-50	20	25.5	27	490x255x240
65WQ16 10 1.1	380	2850	33	16	1.1	1.6	2	60-60	26	23	24.6	490x266x240
65WQ15-10-1.1(F)	220	2850	33	16	1.1	1.5	2	50-50	25	23.5	25	490x255x240
50WQ8-20-1.5	380	2850	25	22	1.5	2	2	50-50	20	25	25	520x260x240
50WQD8-20-1.5(F)	220	2850	25	22	1.5	2	2	50-50	20	26	28	520x260x240
55WQ15-15-1.5	380	2850	37	20	1.5	2	2	50-50	25	26.5	28	510x255x240
65WQ15-15-1.5(F)	380	2850	37	20	1.5	2	2	50-50	25	26.5	28	510x255x240
50WQ16-20-2.2	380	2850	40	22	2.2	3	2	60-60	20	44	48	690x260x316
65WQ25-17-2.2	380	2850	42	22	2.2	3	2 1/2	65-65	20	42	46	690x260x316
80WQ40-9-2.2	380	2850	64	16	2.2	3	3	80-80	30	46	51.5	710x260x315
65WQ16 26 3	380	2850	46	28	3	4	2	60-60	20	40	64	710x260x316
65WQ25-22-3	380	2850	52	26	3	4	2 1/2	65-65	20	52	57	710x260x315
80WQ40-13-3	380	2850	75	20	3	4	3	80-80	30	54	60	750x240x325
100WQ60-9-3	380	2850	92	19	3	4	4	100-100	30	67	63	750x240x325
65WQ25-28-4	380	2850	58	33	4	5.5	2 1/2	65-65	20	61	69	780x260x325
80WQ40-18-4	380	2850	81	24	4	5.5	3	80-80	30	64	71.2	800x260x325
100WQ60 13-4	380	2850	93	24	4	5.5	4	100-100	30	66	73	800x260x325
50WQ15-40-5.5	380	2850	52	42	5.5	7.5	2	50-50	20	73	81	790x290x355
80WQ30-30-5.5	380	2850	47	36	5.5	7.5	3	80-80	30	73	83	800x290x335
100WQ66 16 6.6	380	2850	110	28	6.6	7.6	4	100-100	30	70	99	810x300x376
50WQ20-45-7.5	380	2850	37	52	7.5	10	2	50-50	25	114	127.5	934x364x436

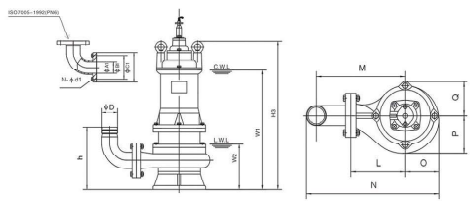
Model	Motor Power	Speed	Max. Flow	Max. Head	Motor Power	Discharge	Guide Rail Fitting	Max. Solid Dia	N.W	G.W	Packing dimension	
	V	r.p.m	m ³ /h	m	kW	HP	in	mm	kg	kg	mm	
80WQ30-36-7.5	380	2850	80	40	7.5	10	3	80-80	30	112	126	934x364x436
100WQ66-22-7.5	380	2850	110	34	7.5	10	4	100-100	35	115	129.5	964x364x435
150WQ100-10-7.5	380	2850	160	20	7.5	10	6	150-150	35	115	130	1014x384x455
100WQ66-16-6.6(4P)	380	1450	160	19	6.6	7.5	4	100-100	60	142	168	905x416x565
150WQ110-10-6.6(4P)	380	1450	200	26	6.6	7.5	6	150-150	55	151	167.5	935x445x585
100WQ100-15-7.5(4P)	380	1450	170	24	7.5	10	4	100-100	50	158	175	955x415x555
150WQ150-10-7.5(4P)	300	1450	240	16	7.5	10	6	150-150	76	160	190	905x445x605
200WQ250-6-7.5(4P)	380	1450	400	12	7.5	10	8	200-200	76	200	218	730x490x1115
100WQ100-22-11(4P)	380	1450	190	31	11	15	4	100-100	50	253	271	700x470x1100
150WQ150-15-11(4P)	300	1450	200	24	11	15	6	150-150	60	256	274	700x470x1130
200WQ300-9-11(4P)	380	1450	450	17	11	15	8	200-200	70	280	298	700x470x1170
100WQ100-27-15(4P)	380	1450	210	35	15	20	4	100-100	50	275	293	700x470x1150
150WQ150-20-16(4P)	380	1450	290	29	16	20	6	150-150	60	277	296	700x470x1170
200WQ300-12-15(4P)	380	1450	490	21	15	20	8	200-200	70	302	320	700x500x1220
100WQ100-31-18.5(4P)	380	1450	200	38	18.5	25	4	100-100	50	326	344.5	700x480x1240
150WQ150-24-18.5(4P)	300	1450	300	32	16.6	25	6	150-150	60	327	340	700x490x1240
200WQ300-15-18.5(4P)	380	1450	530	25	18.5	25	8	200-200	70	354	373	720x510x1280
100WQ100-36-22(4P)	380	1450	220	44	22	30	4	100-100	50	346	366.5	700x480x1240
150WQ150-28-22(4P)	380	1450	330	39	22	30	6	150-150	60	347	367	700x480x1240
200WQ300-18-22(4P)	380	1450	550	27	22	30	8	200-200	70	374	395	720x510x1280
250WQ500-11-22(4P)	380	1450	800	22	22	30	10	250-250	85	390	411	720x500x1350
150WQ150-34-30(4P)	380	1450	310	45	30	40	6	150-150	55	407	510	780x500x1430
200WQ300-21-30(4P)	380	1450	570	33	30	40	8	200-200	80	519	541	820x520x1470
250WQ500-14-30(4P)	380	1450	850	27	30	40	10	250-250	85	512	535	780x500x1490
300WQ600-9-30(4P)	300	1450	1540	22	30	40	12	300-300	90	527	501	850x720x1540
150WQ150-40-37(4P)	380	1450	330	50	37	50	6	150-150	55	557	579	780x500x1480
200WQ300-25-37(4P)	380	1450	620	39	37	50	8	200-200	80	576	598	820x520x1520
250WQ500-19-37(4P)	380	1450	930	30	37	50	10	250-250	85	570	593	780x500x1540
300WQ600-11-37(4P)	380	1450	1060	25	37	50	12	300-300	90	614	638	860x720x1590
200WQ300-30-45(4P)	380	1450	660	43	45	60	8	200-200	80	612	634	820x520x1520
250WQ500-21-45(4P)	380	1450	950	34	45	60	10	250-250	85	606	629	780x500x1540
300WQ600-14-45(4P)	380	1450	1080	28	45	60	12	300-300	90	650	674	860x720x1590

Materials Table

Item No.	Part Name	Material
01	Handle	Steel
02	Upper cover	Cast iron
03	Capacitor	
04	Thermal protector	
05	Impeller bearing seal	Cast iron
06	Bearing	
07	Stator	
08	Rotor	
09	Bearing	
10	Motor body	Cast iron
11	Rearring seal	Cast iron
12	Pump body	Cast iron
13	Impeller	Cast iron
14	Base	Cast iron
15	Cable	Sic Sic Carbon Orange (7.5KW) Si-Si/Si-Si-8x07(5.5KW)
16	Mechanical seal	
17	Oil seal	
18	Hose coupling	Cast iron
19	Terminal box	Cast iron
20	Seal bracket	Cast iron
21	Wiring terminal	



Dimension



Model	ΦD	ΦA1	ΦB1	ΦC1	n-Φd1	h	W1	WZ	H3	N	Q	P	Q	L	M
100WQ65-15-5.5(4P)	100	100	170	210	4-Φ18	360	585	255	805	620	190	202	177	280	380
100WQ110-10-0.5(4P)	100	100	220	265	8-Φ18	430	610	280	830	720	200	210	160	300	450
100WQ120-18 7.0(4P)	100	100	170	210	4-Φ18	360	630	286	860	620	190	202	177	280	380
150WQ150-10-7.5(4P)	150	150	225	265	8-Φ18	430	660	285	880	725	200	215	185	300	450
200WQ250-6-7.5(4P)	200	200	285	340	8-Φ22	540	695	320	915	880	230	256	192	350	550
100WQ100-22-11(4P)	100	100	170	210	4-Φ18	355	650	255	910	671	206	217	193	310	410
150WQ150-15-11(4P)	150	150	225	265	8-Φ18	440	680	285	940	756	208	225	188	320	470
200WQ300-9-11(4P)	200	200	295	340	8-Φ22	545	720	325	980	866	226	253	191	340	540
100WQ100-27-15(4P)	100	100	170	210	4-Φ18	355	695	255	955	671	206	217	193	310	410
150WQ150-20-15(4P)	150	150	225	265	8-Φ18	440	725	285	985	756	208	225	188	320	470
200WQ300-12-15(4P)	200	200	295	340	8-Φ22	545	765	325	1025	866	226	253	191	340	540
100WQ100-31-18.5(4P)	100	100	170	210	4-Φ18	355	715	165	1010	693	218	227	206	325	425
150WQ150-24-18.5(4P)	150	150	225	265	8-Φ18	415	740	290	1035	781	221	236	206	335	485
300WQ300-15-18.5(4P)	300	200	295	340	8-Φ22	545	785	330	1080	883	233	260	203	350	550
100WQ100-36-22(4P)	100	100	170	210	4-Φ18	355	735	265	1030	693	218	227	206	325	425
150WQ150-28-22(4P)	150	150	225	265	8-Φ18	415	760	290	1055	781	221	235	206	335	485
200WQ300-18-22(4P)	200	200	295	340	8-Φ22	545	805	330	1100	883	233	260	203	350	550
250WQ500-11-22(4P)	250	250	350	395	12-Φ22	635	860	400	1160	1150	280	313	270	400	673
150WQ150-34-30(4P)	150	150	240	285	8-Φ22	475	855	340	1200	997	272	283	270	380	582
200WQ300-21-30(4P)	200	200	285	340	8-Φ22	580	895	380	1240	1078	286	308	270	390	622
250WQ500-14-30(4P)	250	250	350	395	12-Φ22	-	920	400	1265	1181	300	332	270	410	683
300WQ600-9-30(4P)	300	300	400	445	12-Φ22	-	970	450	1315	1305	340	360	290	460	803
160WQ160-10-37(4P)	160	160	240	286	8-Φ22	163	860	340	1266	967	272	283	270	380	582
200WQ300-25-37(4P)	200	200	295	340	8-Φ22	593	890	380	1295	1078	286	308	270	390	622
250WQ500-18-37(4P)	250	250	350	395	12-Φ22	665	910	400	1315	1181	300	332	270	410	683
300WQ600-11-37(4P)	300	300	400	445	12-Φ22	750	860	450	1365	1365	340	386	290	480	803
200WQ300-30-45(4P)	200	200	295	340	8-Φ22	560	930	380	1295	1078	286	308	270	390	622
250WQ500-21-45(4P)	250	250	350	395	12-Φ22	665	950	400	1315	1181	300	332	270	410	683
300WQ600-14-45(4P)	300	300	400	445	12-Φ22	750	1000	450	1365	1365	340	386	290	480	803

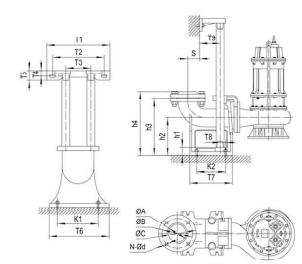


Guide Rail System

- Suitable for pumps with flange conforming ISO7005-92 standard.
- Automatic engagement with flanged elbow

Includes

- Duck-foot bend
 - Guide hook
 - Flange connector
 - Upper guide support
 - Bolts and lock washers
- (Foundation bolts and guide pipes 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	I	II	III
50-50(PN)	Φ50/G2"	110	140	4-Φ14	265	215	105	25	42	200	215	15	67	165	135	63	25	160	250	280	17Φ33.3x3.5	4-M16x120	2-M12x40
65-65(PN)	Φ65/G2 1/2"	130	160	4-Φ14	280	230	125	30	50	230	235	20	70	190	155	90	25	165	205	295	17Φ33.3x3.5	4-M16x120	2-M12x40
80-80(PN)	Φ80/G3"	150	190	4-Φ18	315	265	145	27	50	255	225	30	78	215	155	77	25	190	305	335	17 1/2Φ48.3x3.5	4-M16x120	2-M12x40
100-100(PN)	Φ100/G4"	170	210	4-Φ18	365	305	170	32	55	295	260	35	95	265	175	100	25	230	350	380	17 1/2Φ48.3x3.5	4-M16x150	2-M12x50
150-150(PN)	Φ150	225	285	8-Φ18	400	260	280	24	48	400	410	75	95	280	300	200	390	300	480	-	17 1/2Φ48.3x3.5	4-M20x150	2-M14x50
150-150(PN10)	Φ150	240	290	8-Φ22	400	260	280	24	48	400	410	75	95	280	300	200	390	300	480	-	17 1/2Φ48.3x3.5	4-M20x150	2-M14x50
200-200(PN10)	Φ200	295	340	8-Φ22	400	260	280	24	48	400	445	100	95	300	355	230	440	325	555	-	17 1/2Φ48.3x3.5	4-M20x150	2-M14x50
220-220(PN10)	Φ220	350	395	12-Φ22	400	200	200	24	48	400	555	110	80	300	430	295	400	315	630	-	17 1/2Φ40.3x3.5	4-M22x150	2-M14x50
300-300(PN10)	Φ300	400	445	12-Φ22	520	340	375	32	65	550	600	140	110	414	460	280	480	415	730	-	27Φ60.3x3.5	4-M24x200	2-M14x50

I = Dimensions of tube for guide rod.
 II = Quantity and specification of foundation bolt.
 III = Quantity and specification of upper guide rod bolt.