

**WQ Multi-stage Submersible Pump
 For Dirty Water**



WQ

Application Limits

- Maximum liquid temperature +40°C
- pH level from 4-10
- Maximum liquid density 1.2×10³kg/m³
- Power frequency is 50Hz.Nominal voltage is 380VAC for three phase with the range from -10% to 10%.
- Immersion depth from 0.5m-5m

Advantages & Features

- Large power submersible sewage pump, the standard flange outlet.
- Double channel impeller, good flow capacity, excellent hydraulic performance.
- The stainless steel shaft extension, carbide double sides mechanical sealing.

Performance Data

Model	Power		Rate Current (A)	Solids Passage (mm)	Max.Flow (m ³ /h)	Max.Head (m)	Head Range (m)	Cable line (m)	Dim.mm (L×W×H)	G.W. (kg)	20' Loading Qty. (pcs)
	kW	HP									
WQ20-75/3-9.2	9.2	12.5	19.1	10	34	82	0~82	3*4+1*2.5-10	1110×400×440	182	125
WQ20-90/3-11	11	15	22.9	10	35	98	0~98	3*4+1*2.5-10	1110×400×440	194	125

Vertical Multi-Stage Centrifugal Pumps



BL



BLT



BL



BL

Application Limits

- Medium temperature: normal type:0°C ~68°C hot water type:0°C ~120°C ,
- Ambient temperature:+40°C ,
- Max ambient pressure:1.0MPa,
- Advisable to use motor of higher power in case that the density or viscosity of medium is above that of water.
- pH: 5 to 8

Performance Data

Model	Power		Q (m ³ /h)								Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		1	1.2	1.6	2	2.4	2.8	3.2				
BL(T)2-2	0.37	0.5	H (m)	18	17	16	15	13	12	10	10~18	595x285x360	26.9	31.1
BL(T)2-3	0.37	0.5		27	26	24	22	20	18	15	15~27	595x285x360	27.1	31.4
BL(T)2-4	0.55	0.75		36	35	33	30	26	24	20	20~36	625x285x360	29.1	33.3
BL(T)2-5	0.55	0.75		45	43	40	37	33	30	24	24~45	625x285x360	29.5	33.8
BL(T)2-6	0.75	1		53	52	50	45	40	36	30	30~53	725x285x375	33.3	37.4
BL(T)2-7	0.75	1		63	61	57	52	47	41	35	35~63	725x285x375	33.7	37.8
BL(T)2-9	1.1	1.5		80	78	73	67	61	54	45	45~80	785x285x375	36.6	40.7
BL(T)2-11	1.1	1.5		98	95	89	82	73	64	54	54~98	785x285x375	37.5	41.6
BL(T)2-13	1.5	2		116	114	106	98	89	78	65	65~116	845x285x385	41.4	45.8
BL(T)2-15	1.5	2		134	130	123	112	100	90	73	73~134	885x285x385	42.5	46.9
BL(T)2-18	2.2	3		161	157	148	136	121	108	91	91~161	935x285x385	47	51.3
BL(T)2-22	2.2	3		197	192	180	165	148	130	110	110~197	1045x290x385	49.2	53.5
BL(T)2-26	3	4		232	228	214	198	179	158	130	130~232	1135x290x385	57.9	62

Model	Power		Q (m ³ /h)							Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		1.5	2	3	4	5	6				
BL(T)4-2	0.37	0.5	H (m)	19	18	17	15	13	10	10~19	595x285x360	27.8	32.9
BL(T)4-3	0.55	0.75		28	27	26	24	20	18	18~28	625x285x360	30.1	35.3
BL(T)4-4	0.75	1		38	36	34	32	27	24	24~38	725x285x375	33.8	39
BL(T)4-5	1.1	1.5		47	45	43	40	34	31	31~47	725x285x375	36	41.2
BL(T)4-6	1.1	1.5		56	54	52	48	41	37	37~56	785x285x375	36.8	42
BL(T)4-7	1.5	2		66	63	61	56	48	43	43~66	845x285x385	40.4	45.9
BL(T)4-8	1.5	2		74	72	70	64	55	50	50~74	845x285x385	41.2	46.7
BL(T)4-10	2.2	3		96	90	87	81	71	62	62~96	885x285x385	45.4	50.9
BL(T)4-12	2.2	3		114	108	104	95	85	75	75~114	935x285x385	46.7	52.2
BL(T)4-14	3	4		136	126	122	112	101	89	89~136	1045x285x385	54.9	60.1
BL(T)4-16	3	4		152	144	140	129	115	101	101~152	1135x290x385	56.6	61.8
BL(T)4-19	4	5.5		183	171	168	153	137	122	122~183	1205x315x390	65.9	71.1
BL(T)4-22	4	5.5		211	200	192	178	160	138	138~211	1285x315x390	68	74.2

Performance Data

Model	Power		Q (m ³ /h)								Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		5	6	7	8	9	10	11				
BL(T)8-2	0.75	1	H (m)	20	19.5	19	18	17	16	14	14~20	775x325x340	42.8	49.8
BL(T)8-3	1.1	1.5		30	29.5	28.5	27	25	24	21	21~30	775x325x340	45.4	52.4
BL(T)8-4	1.5	2		41	39.5	38	36	34	32	28	28~41	835x325x340	49.8	56.6
BL(T)8-5	2.2	3		52	50	48	45	42	40	36	36~52	835x325x340	53.6	60.5
BL(T)8-6	2.2	3		62	60	57	54	51	48	43	43~62	885x325x416	55.3	62.2
BL(T)8-8	3	4		83	80	77	73	69	65	58	58~83	985x325x405	64.9	72
BL(T)8-10	4	5.5		104	100	97	92	87	81	73	73~104	1115x350x440	75.7	82.4
BL(T)8-11	4	5.5		114	110	106	101	95	86	80	80~114	1115x350x440	77	83.8
BL(T)8-12	5.5	7.5		124	120	116	111	104	92	87	87~124	1265x400x490	95.5	103.1
BL(T)8-14	5.5	7.5		145	141	136	130	122	113	102	102~145	1325x400x490	98	105.7
BL(T)8-16	5.5	7.5		166	161	156	148	139	130	118	118~166	1385x400x490	101.4	108.7
BL(T)8-18	7.5	10		187	182	175	167	157	146	134	134~187	1445x400x490	108.1	115.5
BL(T)8-20	7.5	10		208	202	195	186	175	163	150	150~208	1495x400x490	110.7	118

Model	Power		Q (m ³ /h)							Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		7	8	10	12	14	15				
BL(T)12-2	1.5	2	H (m)	23.5	23	22	20	17	15.5	15.5~23.5	775x325x340	55.8	
BL(T)12-3	2.2	3		35.5	35	33	30	26	23.5	23.5~35.5	775x325x340	59.7	
BL(T)12-4	3	4		47	46	44	40	34	31	31~47	835x325x415	68.1	
BL(T)12-5	3	4		59.5	58	55	50	43	39	39~59.5	885x325x415	69.2	
BL(T)12-6	4	5.5		71.5	70	66	60	52	47	47~71.5	945x325x415	78.2	
BL(T)12-7	5.5	7.5		83.5	82	77	70	61	55	55~83.5	1175x400x490	99.7	
BL(T)12-8	5.5	7.5		95.5	94	88	80	70	63	63~95.5	1175x400x490	100.9	
BL(T)12-9	5.5	7.5		108	106	100	91	79	71.5	71.5~108	1175x400x490	102	
BL(T)12-10	7.5	10		120	118	111	101	88	80	80~120	1265x400x490	107.7	
BL(T)12-12	7.5	10		143.5	141	133	121	106	96	96~143.5	1265x400x490	109.9	
BL(T)12-14	11	15		168	165	155	141	124	112	112~168	1425x520x560	187.2	
BL(T)12-16	11	15		192.5	189	178	162	142	128.5	128.5~192.5	1515x520x560	190.2	
BL(T)12-18	11	15		217	213	202	183	160	145	145~217	1605x520x560	193.2	

Performance Data

Model	Power		Q (m³/h)	Head Range (m)							Packing Dim. (L×W×H) mm	G.W.(kg)		
	kW	HP		8	10	12	14	16	18	20		50.7	59.5	
BL(T)16-2	2.2	3	H (m)	27	26	25	24	22	21	19	19~27			775x325x400
BL(T)16-3	3	4		41	40	38	37	34	32	29	29~41	885x325x415	59.6	68.6
BL(T)16-4	4	5.5		54	53	52	49	46	43	38	38~54	945x325x415	68.8	77.8
BL(T)16-5	5.5	7.5		68	67	65	62	58	54	48	48~68	1115x400x490	89.8	98.6
BL(T)16-6	5.5	7.5		82	80	78	74	70	64	58	58~82	1175x400x490	91.7	100.6
BL(T)16-7	7.5	10		96	95	91	87	82	76	68	68~96	1210x400x490	95.9	106.8
BL(T)16-8	7.5	10		110	108	104	99	94	86	77	77~110	1265x400x490	97.3	108.6
BL(T)16-10	11	15		138	136	131	125	118	109	97	97~138	1425x520x560	178	186.8
BL(T)16-12	11	15		166	162	157	150	141	130	116	116~166	1515x520x560	181.8	190.6
BL(T)16-14	15	20		194	190	184	175	166	152	136	136~194	1605x520x560	196.5	204.3
BL(T)16-16	15	20		222	217	210	200	189	174	156	156~222	1695x520x560	200.3	208.2

Model	Power		Q (m³/h)	Head Range (m)							Packing Dim. (L×W×H) mm	G.W.(kg)		
	kW	HP		14	16	18	20	22	24	26		174.4	183.3	
BL(T)20-2	2.2	3	H (m)	27	25	24	23	22	20	18	18~27			775x325x400
BL(T)20-3	4	5.5		40	38	37	35	33	30	27	27~40	945x325x415	68.9	75.9
BL(T)20-4	5.5	7.5		54	51	49	47	44	41	37	37~54	1115x400x490	87.7	95.5
BL(T)20-5	5.5	7.5		67	62	60	58	55	50	45	45~67	1115x400x490	91	98.8
BL(T)20-6	7.5	10		81	75	73	70	66	61	55	55~81	1175x400x490	95	104.8
BL(T)20-7	7.5	10		95	89	86	82	77	71	65	65~95	1210x400x490	97.3	107.4
BL(T)20-8	11	15		109	102	99	94	89	82	75	75~109	1335x520x560	174.4	183.3
BL(T)20-10	11	15		136	128	124	118	111	103	95	95~136	1425x520x560	179.4	188.3
BL(T)20-12	15	20		164	154	149	142	133	124	114	114~164	1515x520x560	194.3	202.4
BL(T)20-14	15	20		192	180	174	166	156	145	133	133~192	1605x520x560	198.1	206.4
BL(T)20-17	18.5	25	234	219	212	202	190	177	162	162~234	1805x520x560	220.6	231	

Performance Data

Model	Power		Q (m³/h)	Head Range (m)							Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		16	20	24	28	32	36	1915x485x562 <th rowspan="2">230.4 <th rowspan="2">233.2 </th></th>		230.4 <th rowspan="2">233.2 </th>	233.2
BL(T)32-2-2	3	4	H (m)	29	28	26	23	20	16		16~29		
BL(T)32-2	4	5.5		36	34	32	29	27	23	23~36	1315x425x512	96.5	98.1
BL(T)32-3-2	5.5	7.5		47	44	41	38	33	28	28~47	1315x425x512	115.9	117.2
BL(T)32-3	5.5	7.5		54	51	48	44	40	35	35~54	1315x425x512	115.9	117.2
BL(T)32-4-2	7.5	10		65	62	58	53	46	40	40~65	1315x425x512	121.9	123.1
BL(T)32-4	7.5	10		72	69	65	59	53	47	47~72	1315x425x512	121.9	123.1
BL(T)32-5-2	11	15		83	79	74	68	60	52	52~83	1655x485x562	204.2	208.4
BL(T)32-5	11	15		90	86	81	74	67	59	59~90	1655x485x562	204.2	208.4
BL(T)32-6-2	11	15		101	97	90	83	74	65	65~101	1655x485x562	208.2	212.3
BL(T)32-6	11	15		108	104	97	90	81	72	72~108	1655x485x562	208.2	212.3
BL(T)32-7-2	15	20		119	114	107	98	88	78	78~119	1655x485x562	222.3	226.2
BL(T)32-7	15	20		126	121	113	105	95	85	85~126	1655x485x562	222.3	226.2
BL(T)32-8-2	15	20		136	131	123	114	102	90	90~136	1915x485x562	230.4	233.2
BL(T)32-8	15	20		144	138	130	120	109	97	97~144	1915x485x562	230.4	233.2
BL(T)32-9-2	18.5	25		154	148	140	129	117	102	102~154	1915x485x562	251.4	254
BL(T)32-9	18.5	25		162	156	147	136	124	109	109~162	1915x485x562	251.4	254
BL(T)32-10-2	18.5	25		175	166	157	146	131	115	115~175	1915x485x562	255.4	257.9
BL(T)32-10	18.5	25		182	173	164	152	138	122	122~182	1915x485x562	255.4	257.9
BL(T)32-11-2	22	30		193	184	173	164	146	128	128~193	2065x545x612	305.1	306.5
BL(T)32-11	22	30		200	191	180	168	153	135	135~200	2065x545x612	305.1	306.5
BL(T)32-12-2	22	30		211	201	189	178	160	140	140~211	2065x545x612	308.9	310.3
BL(T)32-12	22	30		218	208	196	184	167	147	147~218	2065x545x612	308.9	310.3
BL(T)32-13-2	30	40		230	218	206	193	174	153	153~230	2365x595x662	390.2	390.5
BL(T)32-13	30	40		237	225	213	200	181	160	160~237	2365x595x662	390.2	390.5
BL(T)32-14-2	30	40		247	235	222	210	189	165	165~247	2365x595x662	394.2	394.4
BL(T)32-14	30	40		255	242	229	216	196	172	172~255	2365x595x662	394.2	394.4
BL(T)32-15-2	30	40		266	253	239	224	203	178	178~266	2365x595x662	398.2	398.3
BL(T)32-15	30	40		274	260	246	231	210	185	185~274	2365x595x662	398.2	398.3

Model	Power		Q (m³/h)	Head Range (m)							Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP		25	30	35	40	45	50	1665x515x562 <th rowspan="2">236.9 <th rowspan="2">244.3 </th></th>		236.9 <th rowspan="2">244.3 </th>	244.3
BL(T)45-2-2	5.5	7.5	H (m)	40	38	36	33	30	27		27~40		
BL(T)45-2	7.5	10		48	46	44	42	39	35	35~48	1245x465x532	137	144.7
BL(T)45-3-2	11	15		63	61	58	54	50	44	44~63	1665x515x562	222.5	229.9
BL(T)45-3	11	15		71	69	66	63	58	53	53~71	1665x515x562	222.5	229.9
BL(T)45-4-2	15	20		87	84	80	75	69	62	62~87	1665x515x562	236.9	244.3
BL(T)45-4	15	20		95	92	88	84	78	71	71~95	1665x515x562	236.9	244.3
BL(T)45-5-2	18.5	25		111	107	102	96	88	80	80~111	1665x515x562	258.4	265.7
BL(T)45-5	18.5	25		119	115	110	105	97	88	88~119	1665x515x562	258.4	265.7
BL(T)45-6-2	22	30		135	130	124	117	108	97	97~135	1735x545x612	306.5	313.9
BL(T)45-6	22	30		143	138	132	125	116	106	106~143	1735x545x612	306.5	313.9
BL(T)45-7-2	30	40		158	152	146	138	127	115	115~158	2165x595x662	395.2	402.5
BL(T)45-7	30	40		166	161	154	146	135	124	124~166	2165x595x662	395.2	402.5
BL(T)45-8-2	30	40		182	175	168	159	146	133	133~182	2165x595x662	397.9	405.3
BL(T)45-8	30	40		190	184	176	167	159	141	141~190	2165x595x662	397.9	405.3
BL(T)45-9-2	30	40		205	198	190	180	166	150	150~205	2165x595x662	424.3	431.7
BL(T)45-9	37	50		214	207	198	188	174	159	159~214	2165x595x662	402	409.7
BL(T)45-10-2	37	50		230	221	212	200	185	168	168~230	2165x595x662	435.8	443.1
BL(T)45-10	37	50		238	230	220	209	193	177	177~238	2165x595x662	435.8	443.1
BL(T)45-11-2	45	60		255	246	236	223	206	188	188~255	2365x645x712	500.7	508.1
BL(T)45-11	45	60		263	255	244	232	214	196	196~263	2365x645x712	500.7	508.1
BL(T)45-12-2	45	60		280	270	259	245	226	206	206~280	2365x645x712	505.1	512.5
BL(T)45-12	45	60		289	280	268	255	236	216	216~289	2365x645x712	505.1	512.5
BL(T)45-13-2	45	60		305	294	282	267	247	225	225~305	2425x645x712	509	517

Performance Data

Model	Power		Q (m ³ /h)	30	40	50	60	64	70	Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP											
BL(T)64-2-2	7.5	10	H (m)	39	36	33	29	26	23	23~39	1565x565x612	161	171
BL(T)64-2-1	11	15		46	44	40	36	33	30	30~46	1565x565x612	224.8	232.4
BL(T)64-2	11	15		53	51	47	43	40	37	37~53	1565x565x612	224.8	232.4
BL(T)64-3-2	15	20		66	62	56	50	46	41	41~66	1565x565x612	243	251
BL(T)64-3-1	15	20		73	69	63	57	53	48	48~73	1565x565x612	243	251
BL(T)64-3	18.5	25		80	76	71	65	60	56	55~80	1565x565x612	260.3	268
BL(T)64-4-2	18.5	25		92	87	80	71	66	60	60~92	1565x565x612	264	266
BL(T)64-4-1	22	30		100	94	87	78	73	67	67~100	1565x565x612	306.9	314.6
BL(T)64-4	22	30		107	101	94	85	80	74	74~107	1565x565x612	306.9	314.6
BL(T)64-5-2	30	40		121	114	105	95	88	80	80~121	1865x645x662	386.8	394.4
BL(T)64-5-1	30	40		128	121	112	102	95	87	87~128	1865x645x662	386.8	394.4
BL(T)64-5	30	40		136	129	119	109	102	94	94~136	1865x645x662	386.8	394.4
BL(T)64-6-2	30	40		150	142	131	118	110	101	101~150	1865x645x662	393	401
BL(T)64-6-1	37	50		157	149	138	125	117	108	108~157	1865x645x662	415	422
BL(T)64-6	37	50		164	156	145	132	124	115	115~164	1865x645x662	415	422
BL(T)64-7-2	37	50		179	169	156	141	132	121	121~179	2065x695x712	430	438
BL(T)64-7-1	37	50		186	176	163	148	139	128	128~186	2065x695x712	430	438
BL(T)64-7	45	60		193	183	170	155	146	135	135~193	2065x695x712	489.1	496.7
BL(T)64-8-2	45	60		207	196	182	164	154	142	142~207	2065x695x712	493.7	501.4
BL(T)64-8-1	45	60		215	203	189	171	161	149	149~215	2065x695x712	493.7	501.4
BL(T)64-8	45	60	221	210	196	178	168	156	156~221	2065x695x712	493.7	501.4	

Model	Power		Q (m ³ /h)	50	60	70	80	90	100	Head Range (m)	Packing Dim. (L×W×H) mm	G.W.(kg)	
	kW	HP											
BL(T)90-2-2	11	15	H (m)	41	39	36	32	28	22	22~41	1515x515x562	239.8	247.4
BL(T)90-2	15	20		53	50	47	44	40	36	36~53	1515x515x562	239	236
BL(T)90-3-2	18.5	25		68	65	60	55	49	41	41~68	1565x565x612	304.3	312
BL(T)90-3	22	30		81	77	72	67	62	55	55~81	1565x565x612	262	270
BL(T)90-4-2	30	40		98	93	87	80	72	62	62~98	1815x645x662	375.9	383.6
BL(T)90-4	30	40		110	105	100	92	84	76	76~110	1815x645x662	375.9	383.6
BL(T)90-5-2	37	50		126	120	113	104	93	81	81~126	1815x645x662	375.9	383.6
BL(T)90-5	37	50		139	131	124	115	106	94	94~139	1815x645x662	419.8	427.4
BL(T)90-6-2	45	60		155	148	139	129	117	102	102~155	1965x695x712	483	490.7
BL(T)90-6	45	60		168	160	150	141	130	117	117~168	1965x695x712	483	490.7

Horizontal Multi-Stage Centrifugal Pumps



BW



BWJ



BWJT

Application Limits

- ◉ Temperature range of medium: Normal type 0 ~ +68°C , hot water type 0 ~ +120°C
- ◉ Maximum ambient temperature: +40 °C
- ◉ Maximum working pressure: 10 bar
- ◉ When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power.
- ◉ pH: 5 to 8