

**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 (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