



BQ

BQ SERIES PERFORMANCE PARAMETERS

Serial number	Modelo	Rated flow (m³/h)	Rated head (m)	Impeller grade	Efficiency of grade (%)	Synchronous speed (r/min)	Rated output power		Rated voltage (kv)	Outlet diameter (mm)
							(KW)	(Hp)		
1	BQ100-595/6-355/WS	100	595	6	71.32	1500	355	477	6/10	100
2	BQ100-600/7-400/WS		600	7			400	537		
3	BQ100-680/8-400/WS		680	8			400	537		
4	BQ100-765/9-450/WS		765	9			450	604		
5	BQ100-850/10-500/WS		850	10			500	671		
6	BQ100-935/11-560/WS		935	11			560	752		
7	BQ100-1020/12-630/WS		1020	12			630	846		
8	BQ100-1110/13-710/WS		1110	13			710	953		
9	BQ150-450/5-400/WS	150	450	5	72.63	1500	400	537	6/10	150
10	BQ150-510/6-400/WS		510	6			400	537		
11	BQ150-600/7-500/WS		600	7			500	671		
12	BQ150-680/8-560/WS		680	8			560	752		
13	BQ150-765/9-630/WS		765	9			630	846		
14	BQ150-850/10-710/WS		850	10			710	953		
15	BQ150-935/11-800/WS		935	11			800	1074		
16	BQ150-1020/12-900/WS		1020	12			900	1208		
17	BQ200-350/4-400/ WS	200	350	4	74.55	1500	400	537	6/10	200
18	BQ200-425/5-450/ WS		425	5			450	604		
19	BQ200-510/6-500/WS		510	6			500	671		
20	BQ200-600/7-630/WS		600	7			630	846		
21	BQ200-680/8-710/WS		680	8			710	953		
22	BQ200-765/9-800/WS		765	9			800	1074		
23	BQ200-850/10-900/WS		850	10			900	1208		
24	BQ200-935/11-1000/WS		935	11			1000	1342		
25	BQ200-1020/12-1000/WS		1020	12			1000	1342		
26	BQ200-1110/13-1120/WS		1110	13			1120	1503		
27	BQ280-340/4-400/WS	280	340	4	78.73	1500	400	537	6/10	250
28	BQ280-425/5-500/WS		425	5			500	671		
29	BQ280-540/6-630/WS		540	6			630	846		
30	BQ280-650/7-800/WS		650	7			800	1074		
31	BQ280-730/8-900/WS		730	8			900	1208		
32	BQ280-850/9-1000/WS		850	9			1000	1342		
33	BQ280-920/10-1120/WS		920	10			1120	1503		
34	BQ280-1035/11-1200/WS		1035	11			1200	1611		
35	BQ280-1200/12-1400/WS		1200	12			1400	1879		
36	BQ280-1330/13-1600/WS		1330	13			1600	2148		
37	BQ280-1445/14-1800/WS		1445	14			1800	2416		
38	BQ300-270/3-400/WS	300	270	3	78.78	1500	400	537	6/10	250
39	BQ300-360/4-500/WS		360	4			500	671		
40	BQ300-450/5-630/WS		450	5			630	846		
41	BQ300-510/6-710/WS		510	6			710	953		
42	BQ300-595/7-800/WS		595	7			800	1074		
43	BQ400-255/3-450/WS	400	255	3	78.80	1500	450	604	6/10	250
44	BQ400-340/4-630/WS		340	4			630	846		
45	BQ400-425/5-800/WS		425	5			800	1074		
46	BQ400-510/6-900/WS		510	6			900	1208		
47	BQ400-600/7-1000/WS		600	7			1000	1342		

Serial number	Modelo	Rated flow (m³/h)	Rated head (m)	Impeller grade	Efficiency of grade (%)	Synchronous speed (r/min)	Rated output power		Rated voltage (kv)	Outlet diameter (mm)
							(KW)	(Hp)		
48	BQ400-680/8-1120/WS	40	680	8	78.80	1500	1120	1503	6/10	250
49	BQ400-765/9-1400/WS		765	9			1400	1879		
50	BQ400-850/10-1600/WS		850	10			1600	2148		
51	BQ400-935/11-1800/WS		935	11			1800	2416		
52	BQ400-1020/12-1900/WS		1020	12			1900	2550		
53	BQ450-170/2-355/WS	450	170	2	78.82	1500	355	477	6/10	250
54	BQ450-255/3-500/WS		255	3			500	671		
55	BQ450-350/4-630/WS		350	4			630	846		
56	BQ450-425/5-800/WS		425	5			800	1074		
57	BQ450-510/6-1000/WS		510	6			1000	1342		
58	BQ500-240/3-500/WS	500	240	3	78.82	1500	500	671	6/10	250
59	BQ500-280/3-560/WS		280	3			560	752		
60	BQ500-340/4-630/WS		340	4			630	846		
61	BQ500-360/4-710/WS		360	4			710	953		
62	BQ500-440/5-900/WS		440	5			900	1208		
63	BQ500-520/6-1000/WS		520	6			1000	1342		
64	BQ500-560/6-1120/WS		560	6			1120	1503		
65	BQ500-630/7-1200/WS		630	7			1200	1611		
66	BQ500-720/8-1400/WS		720	8			1400	1879		
67	BQ500-810/9-1600/WS		810	9			1600	2148		
68	BQ500-920/10-1800/WS		920	10			1800	2416		
69	BQ500-1000/11-2000/WS		1000	11			2000	2685		
70	BQ500-1080/12-2200/WS		1080	12			2200	2953		
71	BQ550-170/2-400/WS	550	170	2	78.83	1500	400	537	6/10	250
72	BQ550-255/3-560/WS		255	3			560	752		
73	BQ550-340/4-800/WS		340	4			800	1074		
74	BQ550-430/5-1000/WS		430	5			1000	1342		
75	BQ550-515/6-1200/WS		515	6			1200	1611		
76	BQ550-600/7-1400/WS		600	7			1400	1879		
77	BQ550-690/8-1600/WS		690	8			1600	2148		
78	BQ550-770/9-1800/WS		770	9			1800	2416		
79	BQ550-855/10-2000/WS		855	10			2000	2685		
80	BQ550-940/11-2200/WS		940	11			2200	2953		
81	BQ550-1105/13-2500/WS		1105	13			2500	3356		
82	BQ550-1275/15-2800/WS		1275	15			2800	3758		
83	BQ550-1445/17-3150/WS		1445	17			3150	4228		
84	BQ550-1630/19-3550/WS		1630	19			3550	4765		
85	BQ550-1710/20-4000/WS		1710	20			4000	5369		
86	BQ600-170/2-450/WS	600	170	2	78.85	1500	450	604	6/10	250
87	BQ600-255/3-710/WS		255	3			710	953		
88	BQ600-340/4-900/WS		340	4			900	1208		
89	BQ600-430/5-1120/WS		430	5			1120	1503		
90	BQ600-515/6-1400/WS		515	6			1400	1879		
91	BQ600-600/6-1800/WS		600	6			1800	2416		
92	BQ725-132/3-400/WS	725	132	3	78.85	1500	400	537	6/10	250
93	BQ725-160/4-500/WS		160	4			500	671		
94	BQ725-215/5-630/WS		215	5			630	846		

Serial number	Modelo	Rated flow (m³/h)	Rated head (m)	Impeller grade	Efficiency of grade (%)	Synchronous speed (r/min)	Rated output power		Rated voltage (kv)	Outlet diameter (mm)
							(KW)	(Hp)		
95	BQ725-265/6-710/WS	725	265	6	78.85	1500	710	953	6/10	2500
96	BQ725-290/7-800/WS		290	7			800	1074		
97	BQ725-320/8-900/WS		320	8			900	1208		
98	BQ725-360/9-1000/WS	725	360	9	78.85	1500	1000	1342	6/10	250
99	BQ725-400/10-1120/WS		400	10			1120	1503		
100	BQ725-480/12-1200/WS		480	12			1200	1611		
101	BQ725-520/13-1400/WS		520	13			1400	1879		
102	BQ725-600/15-1600/WS		600	15			1600	2148		
103	BQ725-640/16-1800/WS		640	16			1800	2416		
104	BQ725-690/17-1900/WS		690	17			1900	2550		
105	BQ725-720/18-2000/WS		720	18			2000	2685		
106	BQ725-765/19-2200/WS		765	19			2200	2953		
107	BQ750-840/12-2800/WS	750	840	12	750	1500	2800	3758	6/10	250
108	BQ750-910/13-3150/WS		910	13			3150	4228		
109	BQ750-960/14-3550/WS		960	14			3550	4765		
110	BQ800-289/8-1000/WS	800	289	8	78.86	1500	1000	1342	6/10	300
111	BQ1000-100-400/WS	1000	100	1	79.24	1500	400	537	6/10	350
112	BQ1000-200/2-800/WS		200	2			800	1074		
113	BQ1000-270/3-1120/WS		270	3			1120	1503		
114	BQ1000-395/4-1600/WS		395	4			1600	2148		
115	BQ1000-450/5-1800/WS		450	5			1800	2416		
116	BQ1000-560/6-2200/WS		560	6			2200	2953		
117	BQ1000-600/7-2500/WS		600	7			2500	3356		
118	BQ1000-725/8-2800/WS		725	8			2800	3758		
119	BQ1000-810/9-3150/WS		810	9			3150	4228		
120	BQ1000-880/10-3550/WS		880	10			3550	4765		
121	BQ1000-960/11-4000/WS		960	11			4000	5369		
122	BQ1000-1050/12-4500/WS		1050	12			4500	6040		
123	BQ1100-100-450/WS	1100	100	1	79.36	1500	450	604	6/10	350
124	BQ1100-170/2-800/WS		170	2			800	1074		
125	BQ1100-255/3-1200/WS		255	3			1200	1611		
126	BQ1100-340/4-1600/WS		340	4			1600	2148		
127	BQ1100-430/5-2000/WS		430	5			2000	2685		
128	BQ1100-510/6-2500/WS		510	6			2500	3356		
129	BQ1100-595/7-2800/WS		595	7			2800	3758		
130	BQ1100-680/8-3150/WS		680	8			3150	4228		
131	BQ1100-780/9-3550/WS		780	9			3550	4765		
132	BQ1100-850/10-4000/WS		850	10			4000	5369		
133	BQ1100-935/11-4500/WS		935	11			4500	6040		
134	BQ1450-85/2-500/WS	1450	85	2	79.52	1500	500	671	6/10	350
135	BQ1450-135/3-710/WS		135	3			710	953		
136	BQ1450-160/4-900/WS		160	4			900	1208		
137	BQ1450-200/5-1000/WS		200	5			1000	1342		
138	BQ1450-240/6-1200/WS		240	6			1200	1611		
139	BQ1450-280/7-1400/WS		280	7			1400	1879		
140	BQ1450-295/7-1600/WS		295	7			1600	2148		
141	BQ1450-320/8-1800/WS		320	8			1800	2416		

Serial number	Modelo	Rated flow (m³/h)	Rated head (m)	Impeller grade	Efficiency of grade (%)	Synchronous speed (r/min)	Rated output power		Rated voltage (kv)	Outlet diameter (mm)
							(KW)	(Hp)		
142	BQ1450-360/9-2000/WS	1450	360	9	79.52	1500	2000	2685	6/10	350
143	BQ1450-400/10-2200/WS		400	10			2200	2953		
144	BQ1500-420/6-2800/WS	1500	420	6	79.64	1500	2800	3758	6/10	350
145	BQ1500-490/7-3150/WS		490	7			3150	4228		
146	BQ1500-560/8-3550/WS		560	8			3550	4765		
147	BQ1500-630/9-4000/WS		630	9			4000	5369		
148	BQ1500-680/10-4500/WS		680	10			4500	6040		

No.	Modelo	Rated power		Rated voltage (kV)	Rated current (A)	Electric efficiency (%)	Power factor (cos)	Synchronous speed (r/min)	Connection	Starting current ratio	Starting torque ratio	Maximum torque ratio
		(kW)	(Hp)									
1	YBQ-355/4S(6000)	355	477	6	44.8	89	0.85	1500	Y	6.5	1.8	0.8
2	YBQ-400/4S(6000)	400	537		49.6							
3	YBQ-450/4S(6000)	450	604		55.3							
4	YBQ-500/4S(6000)	500	671		61.5	90	0.86					
5	YBQ-560/4S(6000)	560	752		68							
6	YBQ-630/4S(6000)	630	846		72.4							
7	YBQ-710/4S(6000)	710	953		85.5	91						
8	YBQ-800/4S(6000)	800	1074		96.6							
9	YBQ-900/4S(6000)	900	1208		107.2	91.5						
10	YBQ-1000/4S(6000)	1000	1342		118.8							
11	YBQ-1200/4S(6000)	1120	1503		133	92	0.87					
12	YBQ-1120/4S(6000)	1200	1611		142							
13	YBQ-1400/4S(6000)	1400	1879		168.4							
14	YBQ-1600/4S(6000)	1600	2148		192.5							
15	YBQ-1800/4S(6000)	1800	2416		216.6							
16	YBQ-1900/4S(6000)	1900	2550		243.6							
17	YBQ-2000/4S(6000)	2000	2685		251.7	91	0.88					
18	YBQ-2200/4S(6000)	2200	2953		266.6							
19	YBQ-2500/4S(6000)	2500	3356		300.4							
20	YBQ-2800/4S(6000)	2800	3758		336.5	92	0.89					
21	YBQ-3150/4S(6000)	3150	4228		374.4							
22	YBQ-3550/4S(6000)	3550	4765		417.2							
23	YBQ-4000/4S(6000)	4000	5369		470.1							
24	YBQ-4500/4S(6000)	4500	6040		528.8							
25	YBQ-355/4S(10000)	355	477	29	89	0.85	1500	Y	6.5	1.8	0.8	
26	YBQ-400/4S(10000)	400	537	31.6								
27	YBQ-450/4S(10000)	450	604	35.6								
28	YBQ-500/4S(10000)	500	671	39.3	90	0.86						
29	YBQ-560/4S(10000)	560	752	44.1								
30	YBQ-630/4S(10000)	630	846	48.7								
31	YBQ-710/4S(10000)	710	953	55.8	91							
32	YBQ-800/4S(10000)	800	1074	61.5								
33	YBQ-900/4S(10000)	900	1208	68.4	91.5							
34	YBQ-1000/4S(10000)	1000	1342	75.6								
35	YBQ-1120/4S(10000)	1120	1503	83.8	92	0.87						
36	YBQ-1200/4S(10000)	1200	1611	89.5								
37	YBQ-1400/4S(10000)	1400	1879	103.4								
38	YBQ-1600/4S(10000)	1600	2148	116.7								
39	YBQ-1800/4S(10000)	1800	2416	130.6								
40	YBQ-1900/4S(10000)	1900	2550	139.7								
41	YBQ-2000/4S(10000)	2000	2685	144.5	91	0.88						
42	YBQ-2200/4S(10000)	2200	2953	153.6								
43	YBQ-2500/4S(10000)	2500	3356	184.3								
44	YBQ-2800/4S(10000)	2800	3758	201.9	92	0.89						
45	YBQ-3150/4S(10000)	3150	4228	224.6								
46	YBQ-3550/4S(10000)	3550	4765	250.3								
47	YBQ-4000/4S(10000)	4000	5369	282.1								
48	YBQ-4500/4S(10000)	4500	6040	317.3								