

Thread Port Close Coupled



Applications

- ▶ Spray irrigations
- ▶ Water supply systems
- ▶ Industrial circulating systems
- ▶ Water systems for industrial uses
- ▶ Warm water heating, chilled & cooling water systems

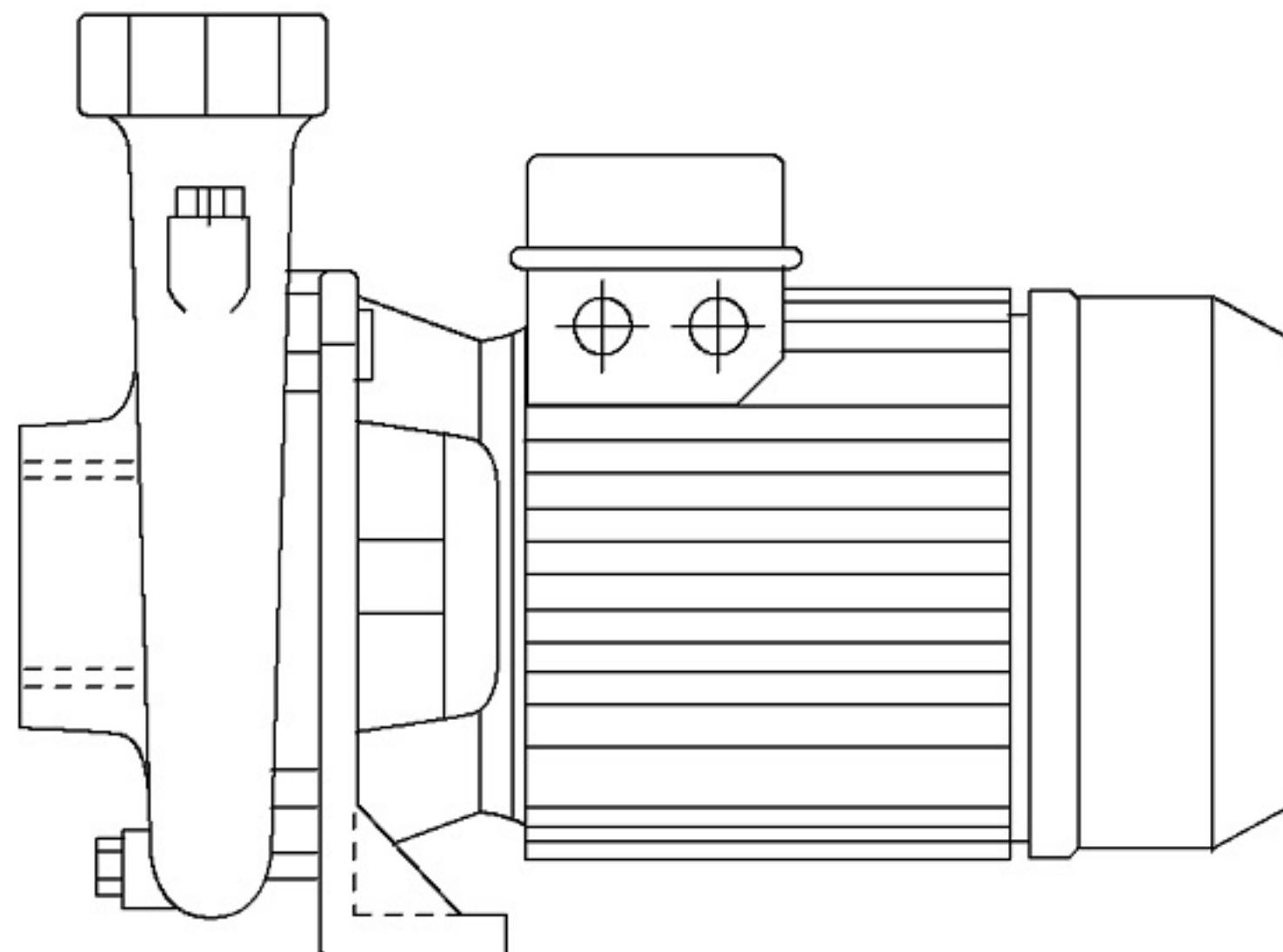
Features & Benefits

The B series close coupled pump is ideal for use in activities such as flood and spray irrigation, drawing water from lakes, river and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required.

Operation Data

Pump Size	50 up to 100
Capacities	up to 38 l/s
Heads	up to 61 Meter
Speed	2900 rpm
Motor Rating	up to 18.5 kW
Operating Temperature	up to 120°C*

* The material of pumps differ according to the type of pumped liquid, operating temperature and pressure.



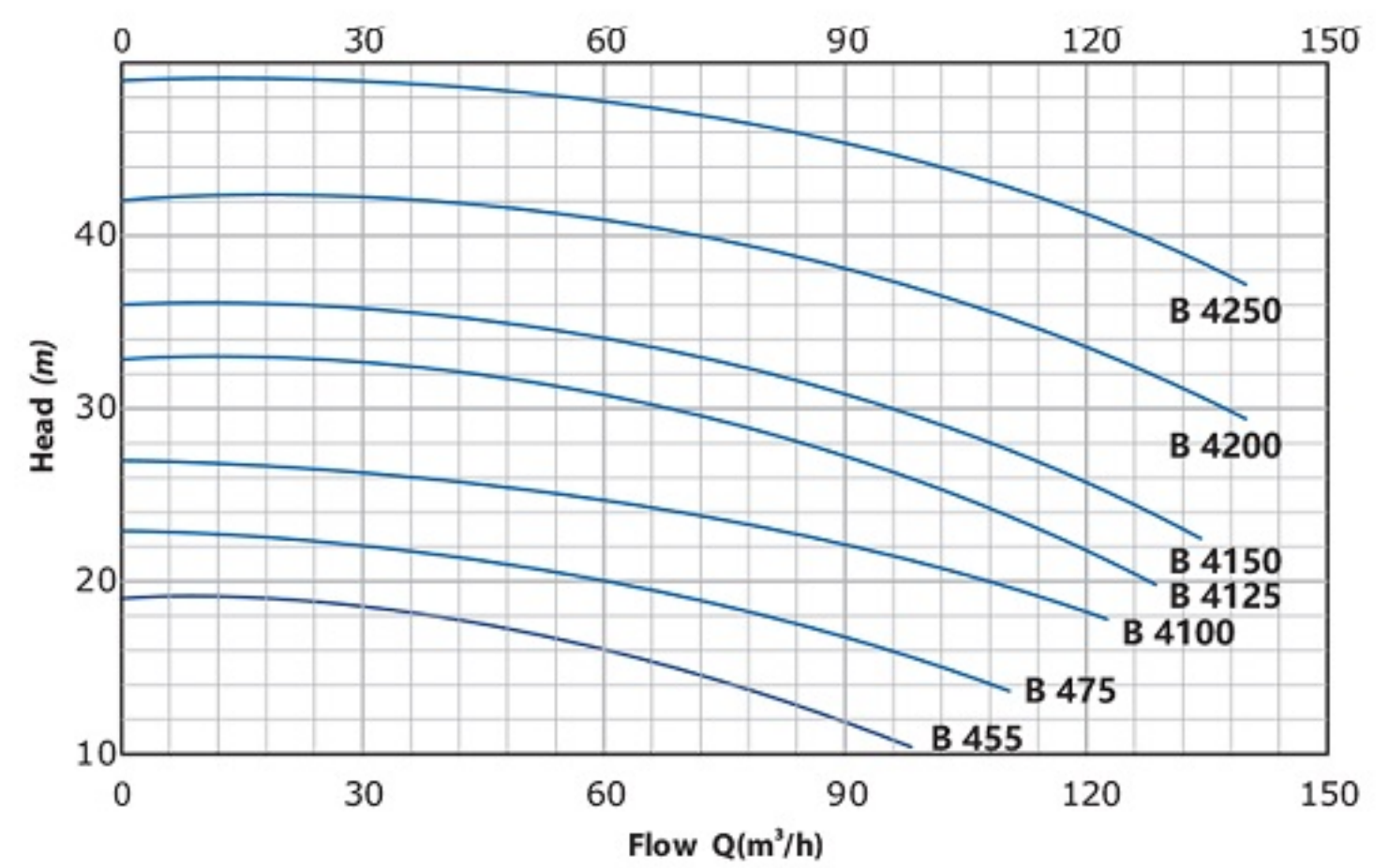
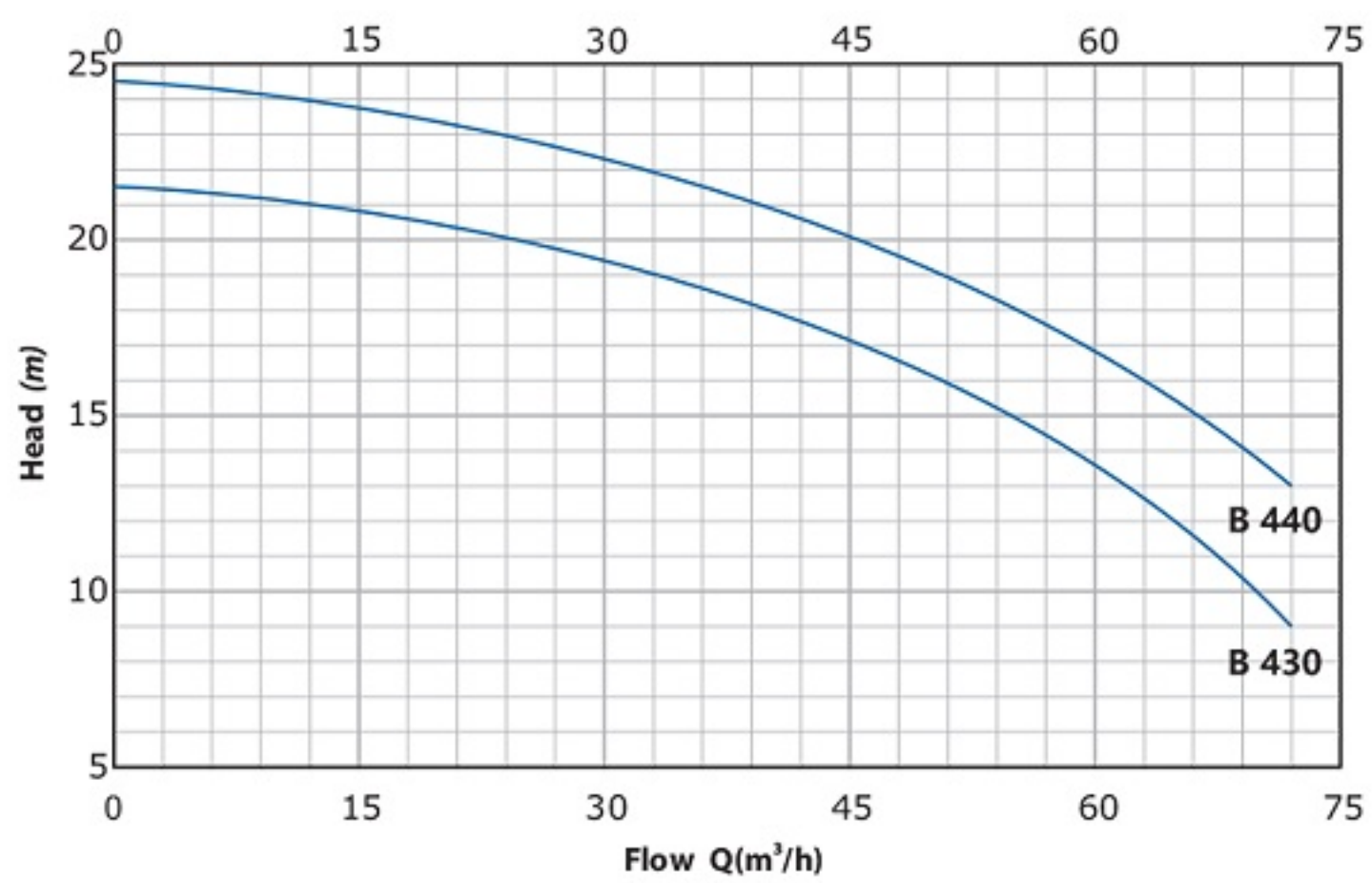
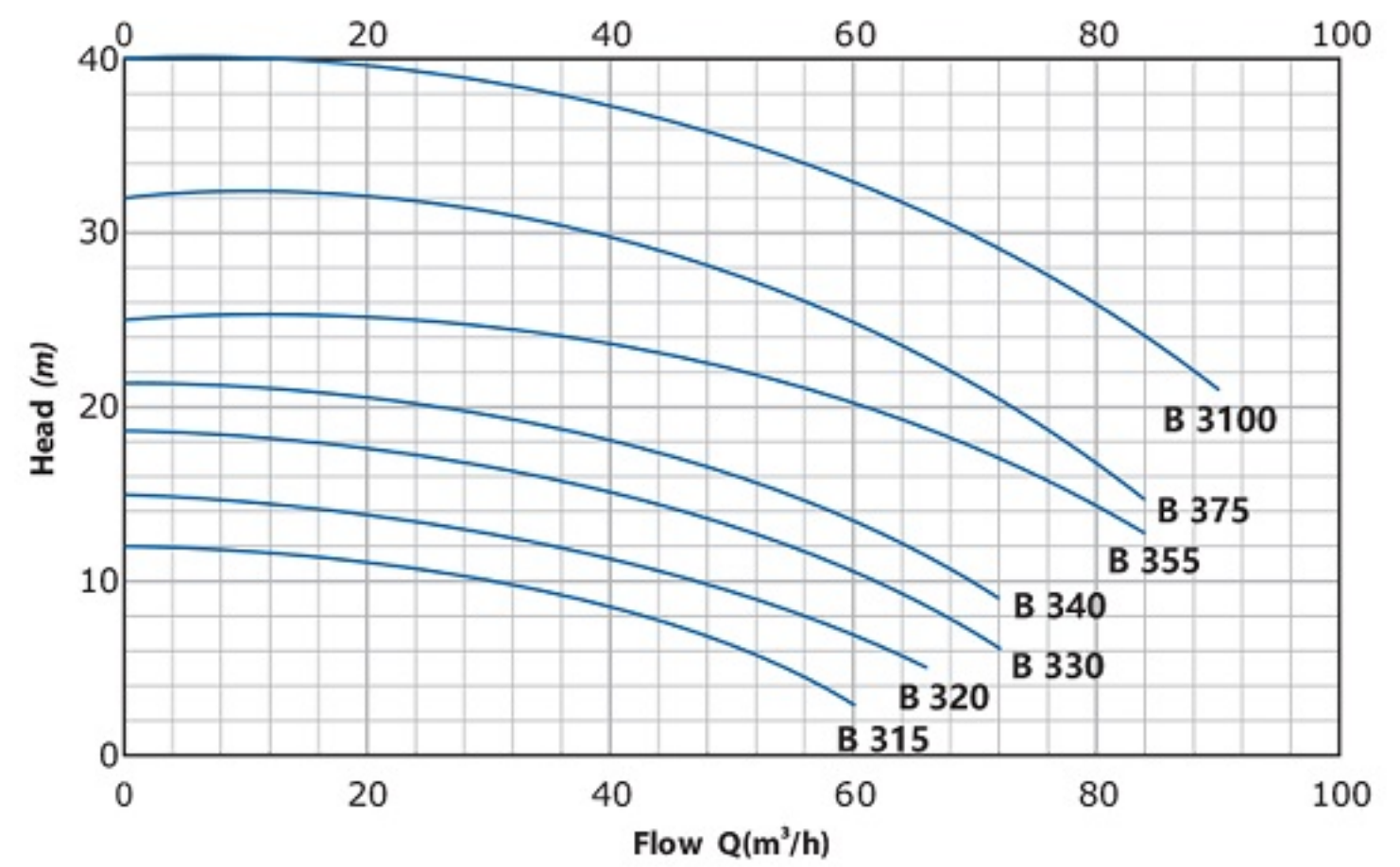
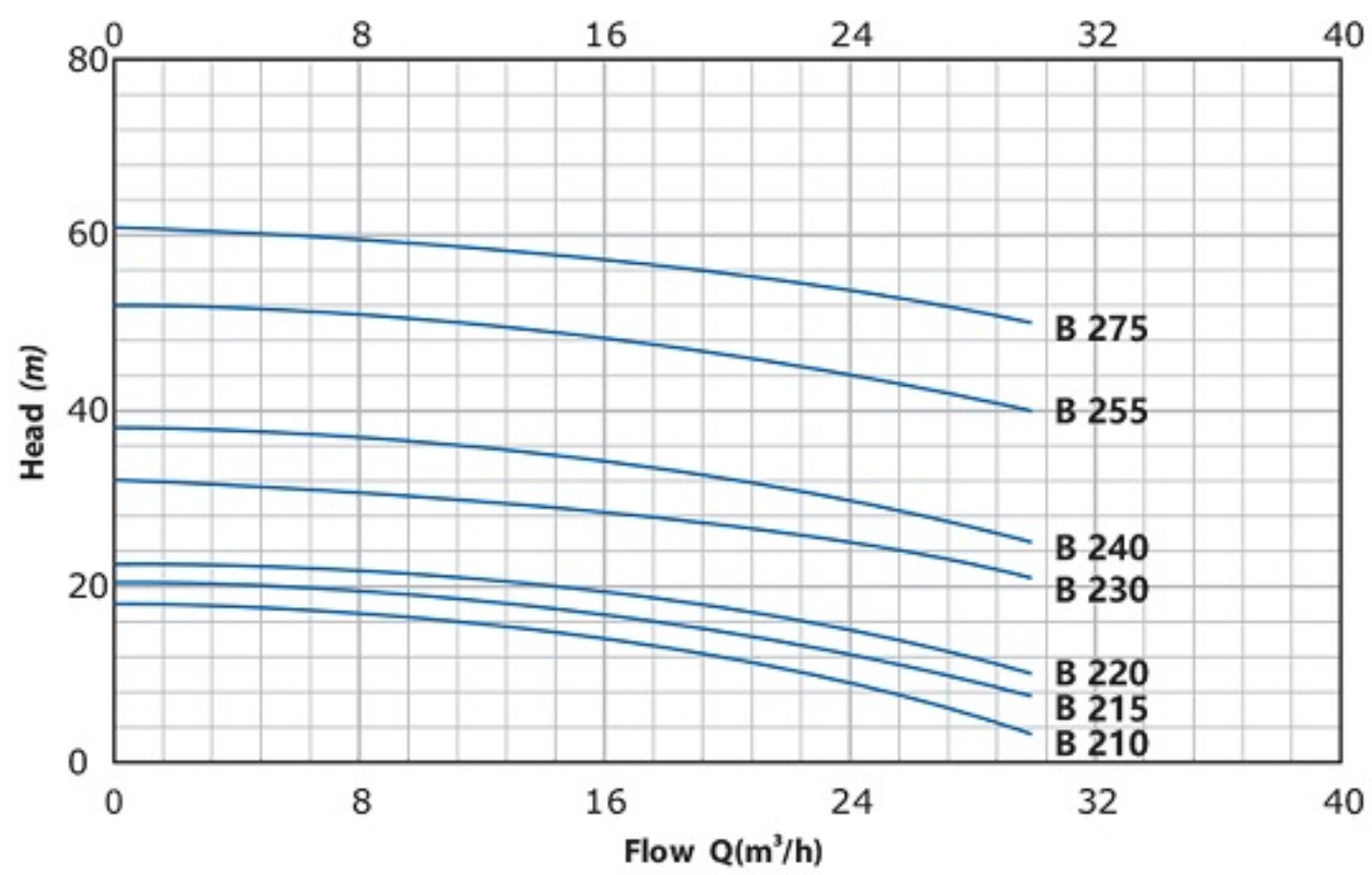
Performance Table

50 Hz n=2900 1/min

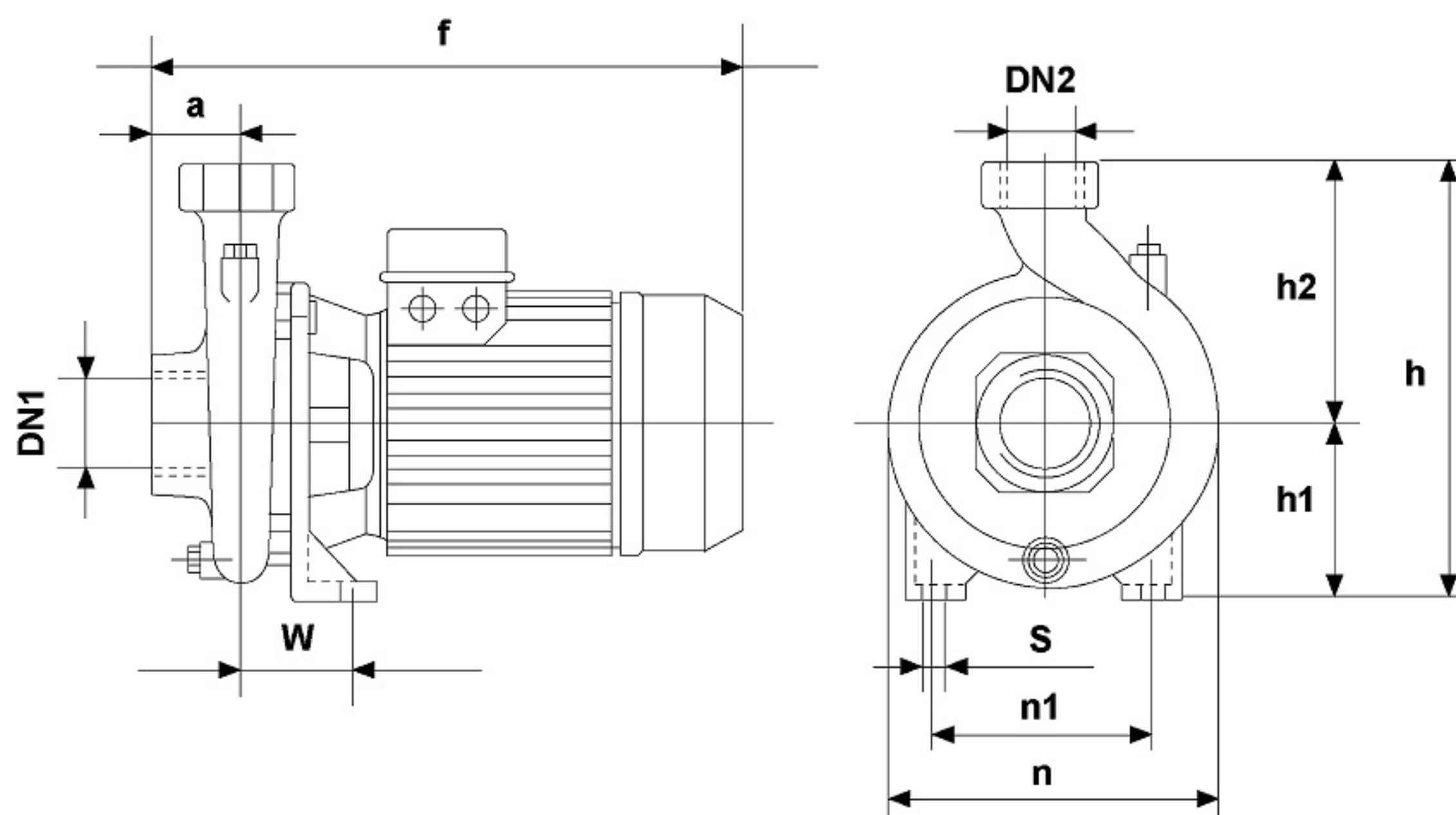
MODEL	DN mm	Power kw hp		Q=DELIVERY																				
				l/min	100	150	200	250	300	350	400	500	600	700	800	900	1000	1100	1200	1400	1500	1800	2000	2300
				m³/h	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72	84	90	108	120	138
				H=Head																				
B 210	50x50	0.75	1	17.9	16.4	16.5	15	14	13.5	11.4	9.5	5	-	-	-	-	-	-	-	-	-	-	-	-
B 215	50x50	1.1	1.5	20.2	19.2	19	18	17	16	14	12	7.5	-	-	-	-	-	-	-	-	-	-	-	-
B 220	50x50	1.5	2	22.5	22	21.5	21	20	18.5	16.6	14.5	10	-	-	-	-	-	-	-	-	-	-	-	-
B 230	50x50	2.2	3	32	31	30.5	30	29	28	26	24	21	-	-	-	-	-	-	-	-	-	-	-	-
B 240	50x50	3	4	38	37	36.5	36	34.8	33.5	31.2	29	25	-	-	-	-	-	-	-	-	-	-	-	-
B 255	50x50	4	5.5	52	51	50.8	50.3	49	47.5	45	43	40	-	-	-	-	-	-	-	-	-	-	-	-
B 275	50x50	5.5	7.5	61	60	59.5	59	58.5	57	55	52.5	50	-	-	-	-	-	-	-	-	-	-	-	-
B 315	80x80	1.1	1.5	11.9	-	-	11.7	11.5	11.3	11	10.7	10.2	9.2	8	6.7	5	3	-	-	-	-	-	-	-
B 320	80x80	1.5	2	14.7	-	-	14.5	14.3	14	13.8	13.5	12.8	12	11	9.7	8.2	6.7	5	-	-	-	-	-	-
B 330	80x80	2.2	3	18.5	-	-	18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6	-	-	-	-	-
B 340	80x80	3	4	21.5	-	-	21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9	-	-	-	-	-
B 355 ★	80x80	4	5.5	25	-	-	-	-	-	-	-	-	24.1	24	22.5	21.3	19.8	18.3	16.8	12.8	-	-	-	-
B 375 ★	80x80	5.5	7.5	32	-	-	-	-	-	-	-	-	30.6	30	28	26.6	24.8	22.7	20.5	14.8	-	-	-	-
B 3100 ★	80x80	7.5	10	40	-	-	-	-	-	-	-	-	38	37	36	34.4	32.6	30.8	29	24	21	-	-	-
B 430	100x100	2.2	3	18.5	-	-	18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6	-	-	-	-	-
B 440	100x100	3	4	21.5	-	-	21	20.9	20.7	20.4	20	19.5	18.8	17.8	16.5	15	13.5	11.2	9	-	-	-	-	-
B 455 ★	100x100	4	5.5	19	-	-	-	-	-	-	-	-	-	-	17.3	16.8	15.5	15	14.5	13	11.8	-	-	-
B 475 ★	100x100	5.5	7.5	23	-	-	-	-	-	-	-	-	-	-	21.3	20.9	20.3	19.7	19	17.5	16.7	13.7	-	-
B 4100 ★	100x100	7.5	10	27	-	-	-	-	-	-	-	-	-	-	26	25.6	25.2	24.8	24.5	23	22.5	20	18	-
B 4125 ★	100x100	9.2	12.5	33	-	-	-	-	-	-	-	-	-	-	-	31.5	31	30.5	30	28	27.1	24	21.5	-
B 4150 ★	100x100	11	15	36	-	-	-	-	-	-	-	-	-	-	-	34.5	34	33.5	33	31.5	30.8	28	25.5	-
B 4200 ★	100x100	15	20	42	-	-	-	-	-	-	-	-	-	-	-	41	40.7	40.4	40	38.5	37.8	35	33	29.5
B 4250 ★	100x100	18.5	25	49	-	-	-	-	-	-	-	-	-	-	-	48	47.7	47.4	47	46	45	42	41	37

★=Cast iron impeller

Performance Curve



Dimension



MODEL		DIMENSIONS mm											kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1~	3~
B 210M	B 210T	50	50	51	398	265	105	160	206	160	1	11	18	17
B 215M	B 215T	50	50	51	398	265	105	160	206	160	1	11	19.9	18.9
B 220M	B 220T	50	50	51	398	265	105	160	206	160	1	11	21.9	20.9
B 230M	B 230T	50	50	75	472	322	132	190	245	165	40	14	29.5	28.5
-	B 240T	50	50	75	472	322	132	190	245	165	40	14	-	32.3
-	B 255T	50	50	75	535	335	140	195	273	190	40	14	-	42
-	B 275T	50	50	75	535	335	140	195	273	190	40	14	-	47
B 315M	B 315T	80	80	68	435	317	120	197	240	190	6	12	25	24
B 320M	B 320T	80	80	68	435	317	120	197	240	190	6	12	26.5	25.5
B 330M	B 330T	80	80	68	435	317	120	197	240	190	6	12	27.7	26.7
-	B 340T	80	80	68	435	317	120	197	240	190	6	12	-	35
-	B 355T	80	80	79	578	372	163	209	263	212	32	16	-	52
-	B 375T	80	80	79	578	372	163	209	263	212	32	16	-	64
-	B 3100T	80	80	79	578	372	163	209	263	212	32	16	-	71
B 430M	B 430T	100	100	70	482	322	120	202	245	190	30	14	31	30
-	B 440T	100	100	70	482	322	120	202	245	190	30	14	-	35
-	B 455T	100	100	85	593	373	163	210	267	212	32	16	-	63
-	B 475T	100	100	85	593	373	163	210	267	212	32	16	-	68
-	B 4100T	100	100	85	593	373	163	210	267	212	32	16	-	74
-	B 4125T	100	100	85	605	415	186	229	305	222	49	16	-	90
-	B 4150T	100	100	85	605	415	186	229	305	222	49	16	-	106
-	B 4200T	100	100	85	605	415	186	229	305	222	49	16	-	134
-	B 4250T	100	100	85	605	415	186	229	305	222	49	16	-	155