BRQ-EC

END SUCTION CLOSE COUPLED

60 Hz



01 SINGLE STAGE
Centrifugal design

02 DIRECT COUPLING
Motor and pump assembly

03 PORT ARRANGEMENT
Axial inlet / upward outlet

FLOW m³/h	HEAD m	MOTOR kW
0–600	5.7–164	0.75–160

Single-stage end suction pumps with a directly coupled motor, axial suction and upward discharge. Available in 2-pole and 4-pole configurations.

APPLICATIONS

Water supply / Pressure boosting / Irrigation / Industrial water

CASING

Grey cast iron

IMPELLER OPTIONS

Cast iron / AISI 304 / brass

BRQ-EC / END SUCTION CLOSE COUPLED

Selection data

60 Hz / Performance range

Model	Motor kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EC4-65-250/30	3	1750	80 × 65	0–72	6.7–15.4
BRQ-EC4-65-250/40	4	1750	80 × 65	0–72	11.7–19
BRQ-EC4-65-315/40	4	1750	80 × 65	0–60	13.3–18.6
BRQ-EC4-65-315/55	5.5	1750	80 × 65	0–72	14–22.1
BRQ-EC4-65-315/110	11	1750	80 × 65	0–108	18.7–34.8
BRQ-EC4-65-315/150	15	1750	80 × 65	0–108	23.9–40
BRQ-EC4-80-250/55	5.5	1750	100 × × 80	0–108	11.1–20.5
BRQ-EC4-80-315/55	5.5	1750	100 × 80	0–108	10.1–19.7
BRQ-EC4-80-315/75	7.5	1750	100 × 80	0–108	16.3–24.6
BRQ-EC4-80-315/110	11	1750	100 × 80	0–150	13.5–29.9
BRQ-EC4-80-400/185	18.5	1750	100 × 80	0–150	24.5–40.3
BRQ-EC4-80-400/300	30	1750	100 × 80	0–150	43.2–55.1
BRQ-EC4-100-200/40	4	1750	125 × 100	0–150	5.9–11.8
BRQ-EC4-100-200/55	5.5	1750	125 × 100	0–200	5.7–13.3
BRQ-EC4-100-250/55	5.5	1750	125 × 100	0–150	7.9–15.9
BRQ-EC4-100-250/110	11	1750	125 × 100	0–200	11.4–24.3
BRQ-EC4-100-315/220	22	1750	125 × 100	0–250	17.3–35
BRQ-EC4-100-400/300	30	1750	125 × 100	0–200	29.6–46.4
BRQ-EC4-125-200/55	5.5	1750	150 × 125	0–200	6.9–11.4
BRQ-EC4-125-200/110	11	1750	150 × 125	0–250	9.8–18.1
BRQ-EC4-125-250/110	11	1750	150 × 125	0–250	11.7–19.4
BRQ-EC4-125-250/185	18.5	1750	150 × 125	0–300	16.5–25.6
BRQ-EC4-125-315/185	18.5	1750	150 × 125	0–300	14.9–27.3
BRQ-EC4-125-315/220	22	1750	150 × 125	0–300	18.4–30
BRQ-EC4-125-315/300	30	1750	150 × 125	0–300	26.1–35.6
BRQ-EC4-125-315/370	37	1750	150 × 125	0–400	17.8–38.2
BRQ-EC4-150-200/110	11	1750	200 × 150	0–400	7.8–14

BRQ-EC / END SUCTION CLOSE COUPLED

Selection data

60 Hz / Performance range

Model	Motor kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EC4-150-200/150	15	1750	200 × 150	0–400	11.1–16.3
BRQ-EC4-150-200/220	22	1750	200 × 150	0–500	12–20.3
BRQ-EC4-150-250/150	15	1750	200 × 150	0–400	9.2–17.5
BRQ-EC4-150-250/185	18.5	1750	200 × 150	0–500	8.7–21.3
BRQ-EC4-150-315/370	37	1750	200 × 150	0–500	21.4–33.6
BRQ-EC4-150-315/450	45	1750	200 × 150	0–500	26.5–37.7
BRQ-EC4-150-315/750	75	1750	200 × 150	0–600	29–47
BRQ-EC4-150-400/1100	110	1750	200 × 150	0–600	43.7–65.5
BRQ-EC4-150-400/1320	132	1750	200 × 150	0–600	50.2–72
BRQ-EC-32-125/7	0.75	3500	50 × 32	0–18	9–17.5
BRQ-EC-32-160/30	3	3500	50 × 32	0–27	15–35
BRQ-EC-32-200/40	4	3500	50 × 32	0–27	30.3–54.5
BRQ-EC-32-250/55D	5.5	3500	50 × 32	0–24	37.5–79.5
BRQ-EC-40-125/11	1.1	3500	65 × 40	0–36	5.8–14.7
BRQ-EC-40-125/15	1.5	3500	65 × 40	0–36	10–18.1
BRQ-EC-40-125/22	2.2	3500	65 × 40	0–48	8.3–24.5
BRQ-EC-40-160/30	3	3500	65 × 40	0–42	17.5–31.8
BRQ-EC-40-250/110	11	3500	65 × 40	0–48	47–72
BRQ-EC-40-315/370	37	3500	65 × 40	0–48	132–144
BRQ-EC-50-125/22	2.2	3500	65 × 50	0–72	6.5–17
BRQ-EC-50-200/92	9.2	3500	65 × 50	0–84	26.7–50.5
BRQ-EC-50-200/110	11	3500	65 × 50	0–90	29–57.5
BRQ-EC-50-250/150	15	3500	65 × 50	0–84	41–68.5
BRQ-EC-50-315/550	55	3500	65 × 50	0–90	116–146
BRQ-EC-50-315/750	75	3500	65 × 50	0–90	134–164
BRQ-EC-65-125/40	4	3500	80 × 65	0–90	11.8–19
BRQ-EC-65-125/75	7.5	3500	80 × 65	0–120	18–27

BRQ-EC / END SUCTION CLOSE COUPLED

Selection data

60 Hz / Performance range

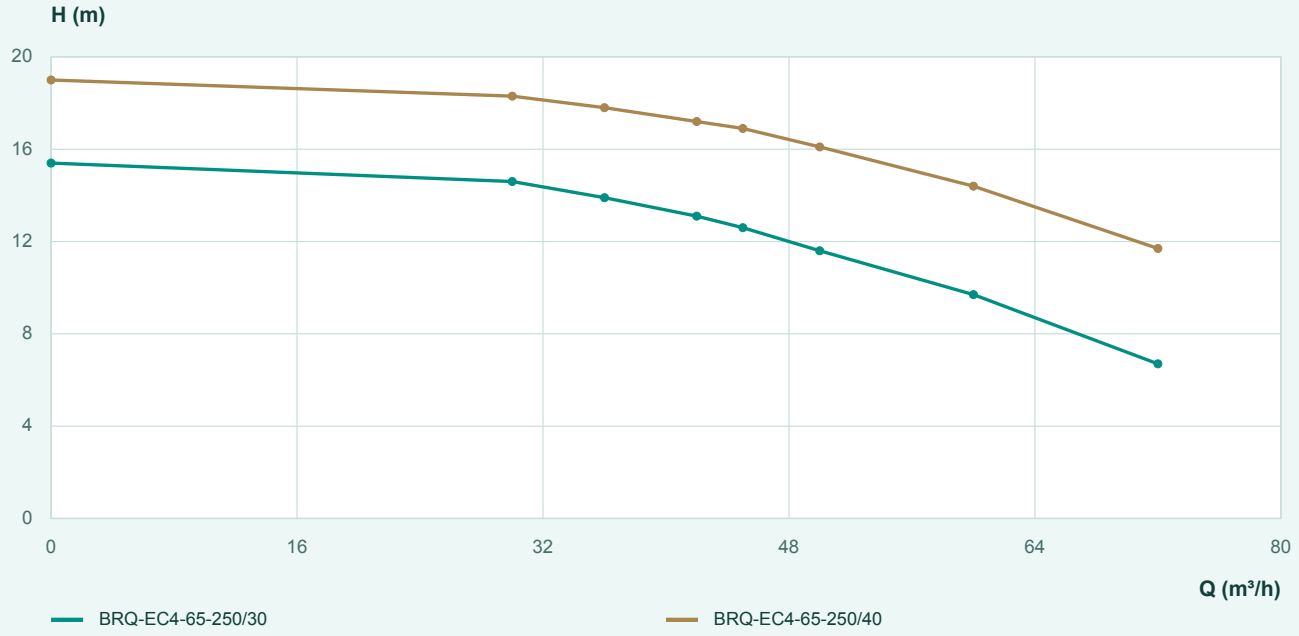
Model	Motor kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EC-65-200/185	18.5	3500	80 × 65	0–120	42–52.3
BRQ-EC-65-250/300	30	3500	80 × 65	48–138	58–80
BRQ-EC-65-315/750	75	3500	80 × 65	0–210	65.5–141
BRQ-EC-65-315/900	90	3500	80 × 65	0–210	75.5–151
BRQ-EC-80-125/40	4	3500	100 × 80	0–120	7.5–17
BRQ-EC-80-160/220	22	3500	100 × × 80	0–210	28.5–44
BRQ-EC-80-200/300	30	3500	100 × 80	0–210	40.5–60
BRQ-EC-80-315/550	55	3500	100 × 80	0–200	74–98
BRQ-EC-100-160/150	15	3500	125 × 100	0–240	15–35
BRQ-EC-100-250/750	75	3500	125 × 100	0–360	48–91
BRQ-EC-100-315/1600	160	3500	125 × 100	0–360	120–148
BRQ-EC-125-250/550	55	3500	150 × 125	0–300	50.5–70

BRQ-EC / END SUCTION CLOSE COUPLED

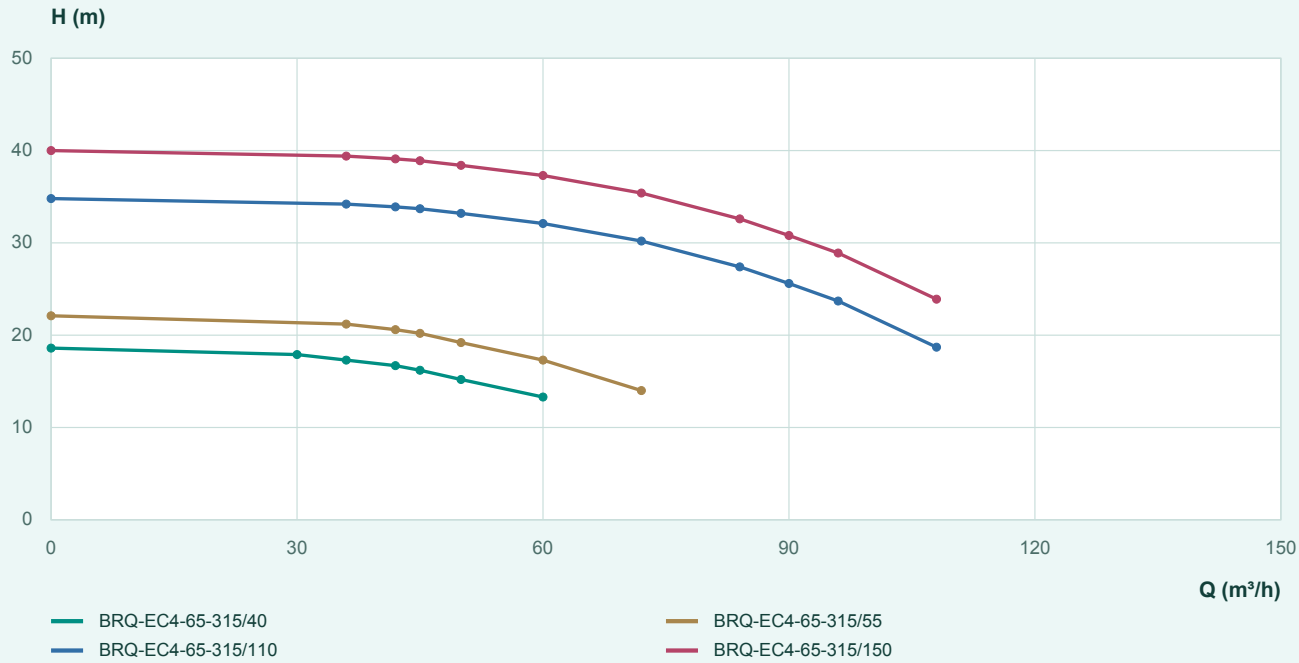
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm



BRQ-EC / END SUCTION CLOSE COUPLED

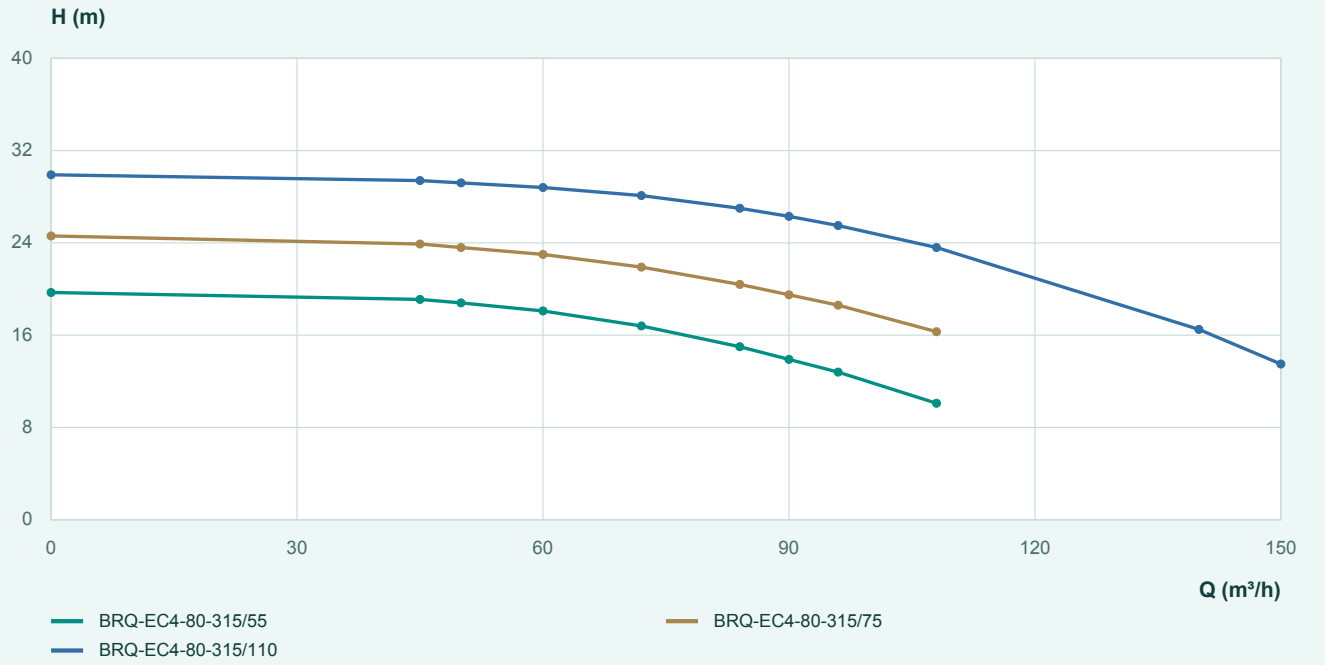
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

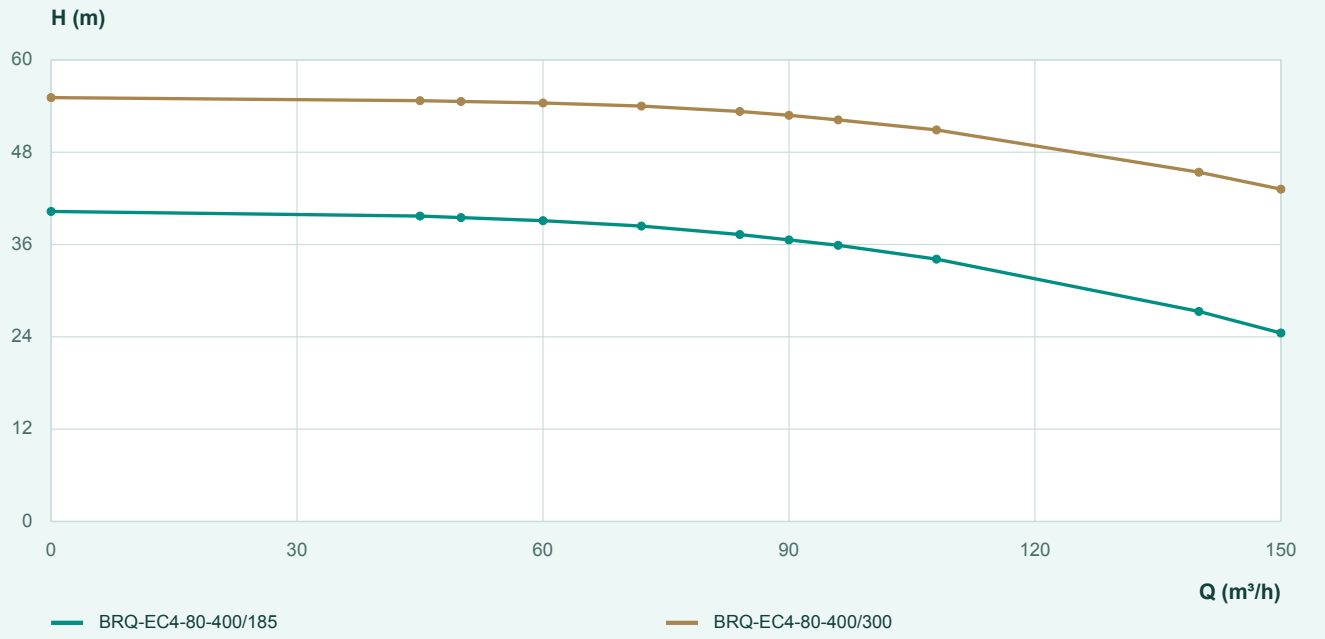


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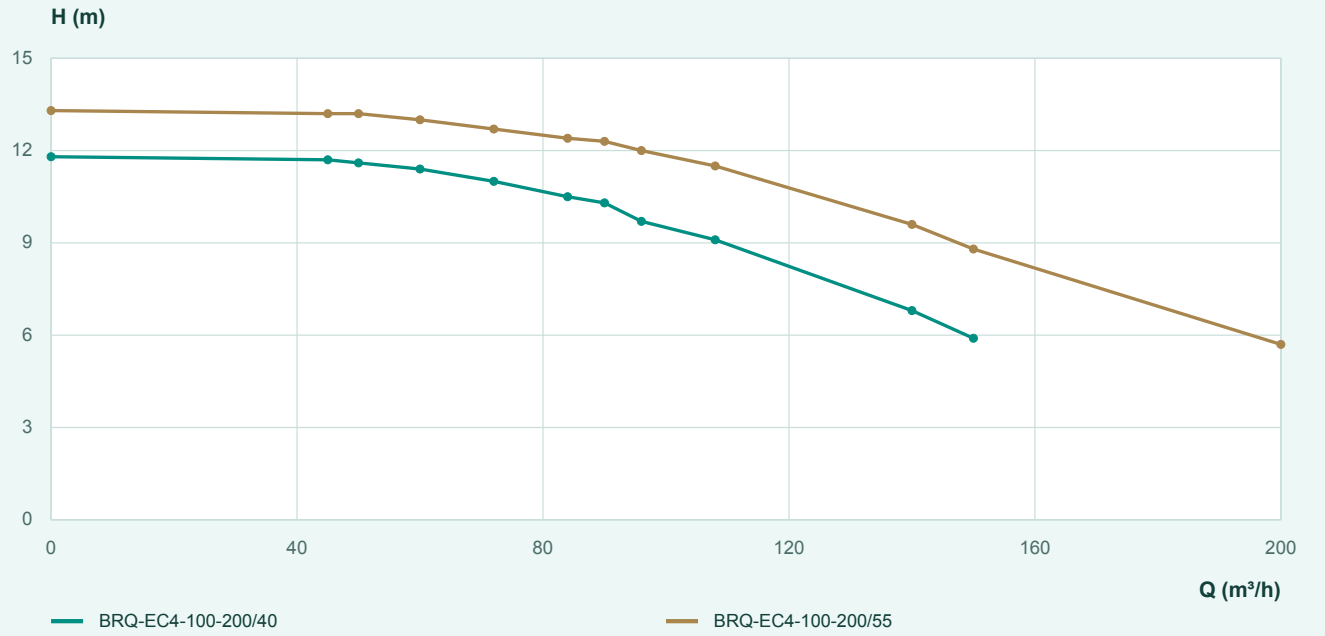
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

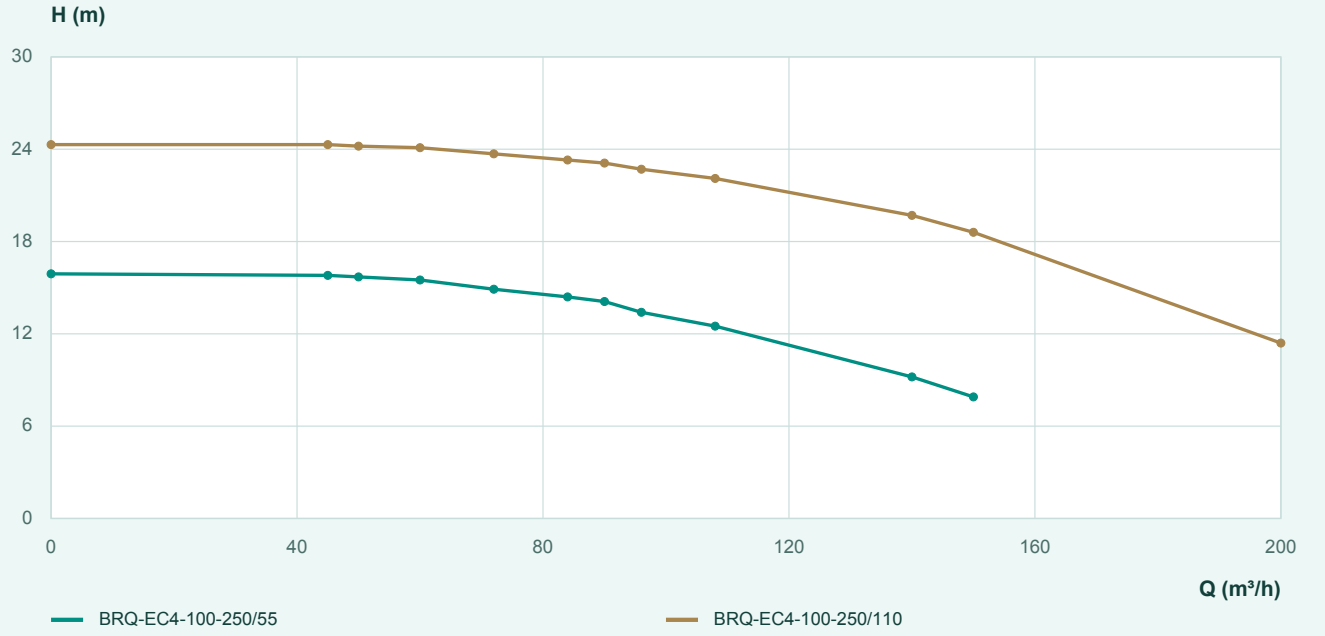


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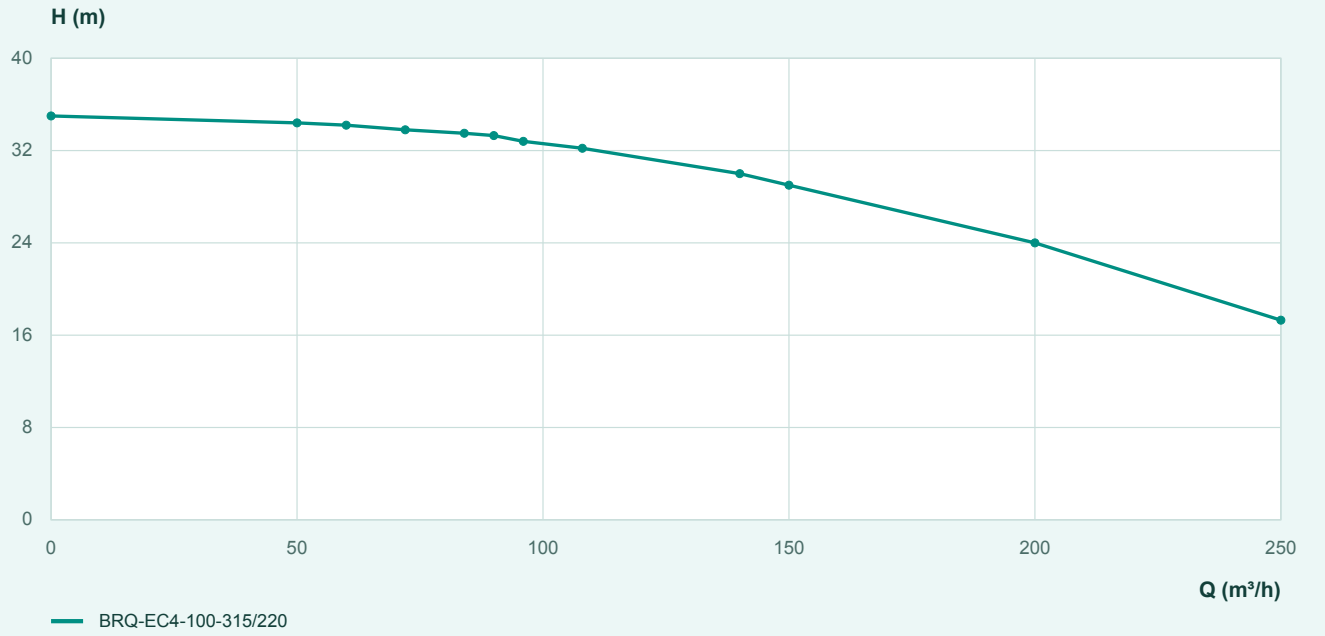
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

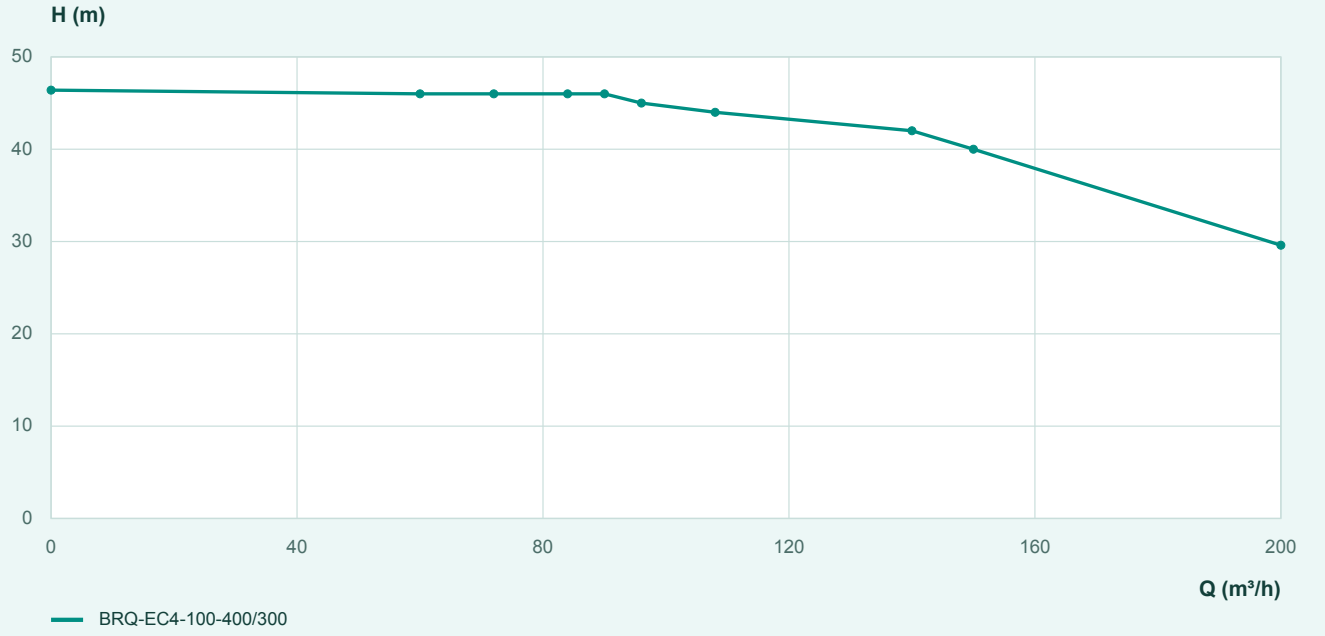


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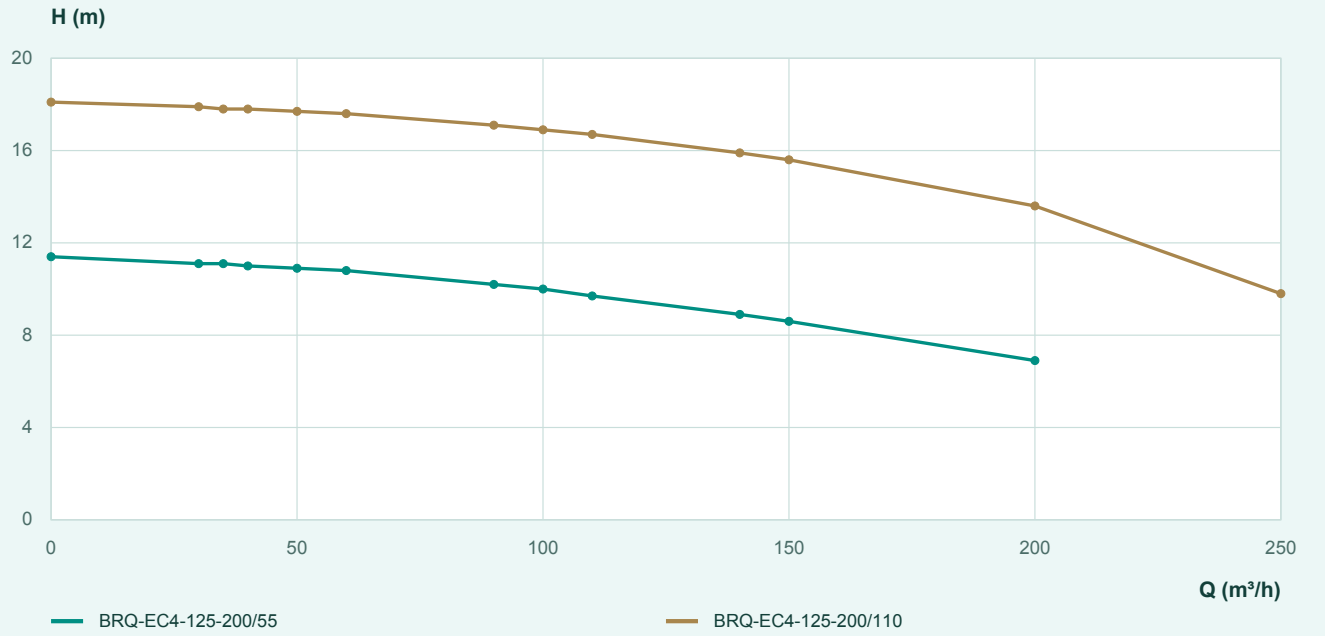
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

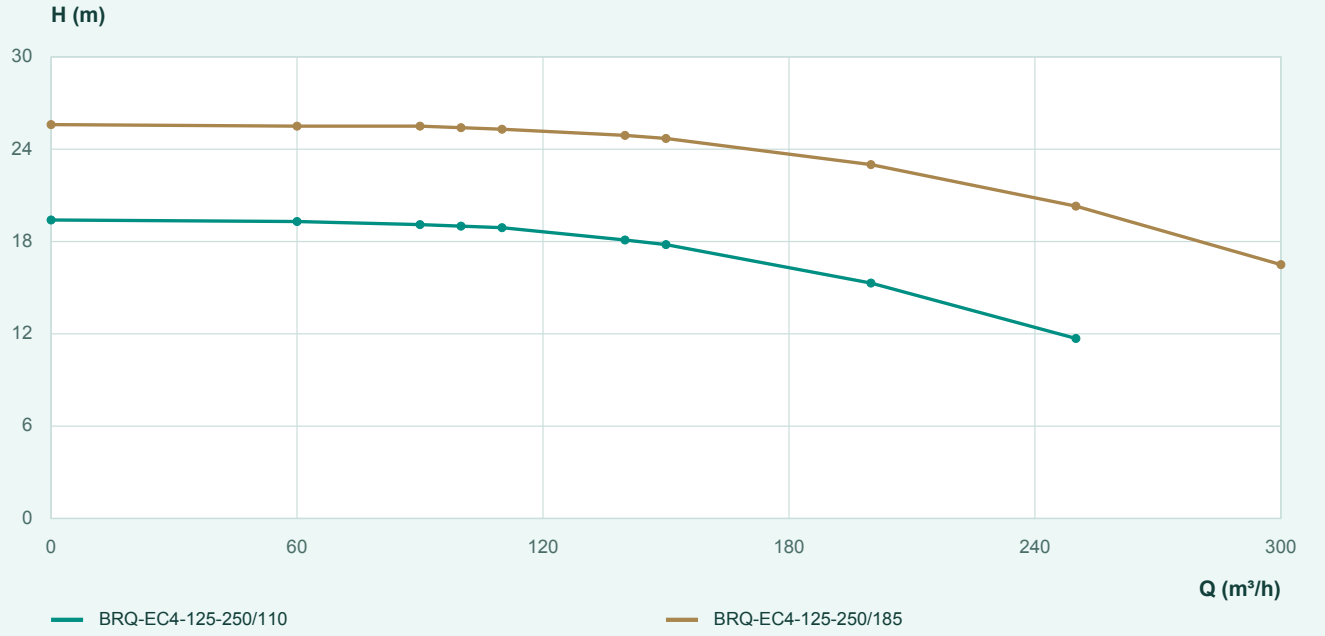


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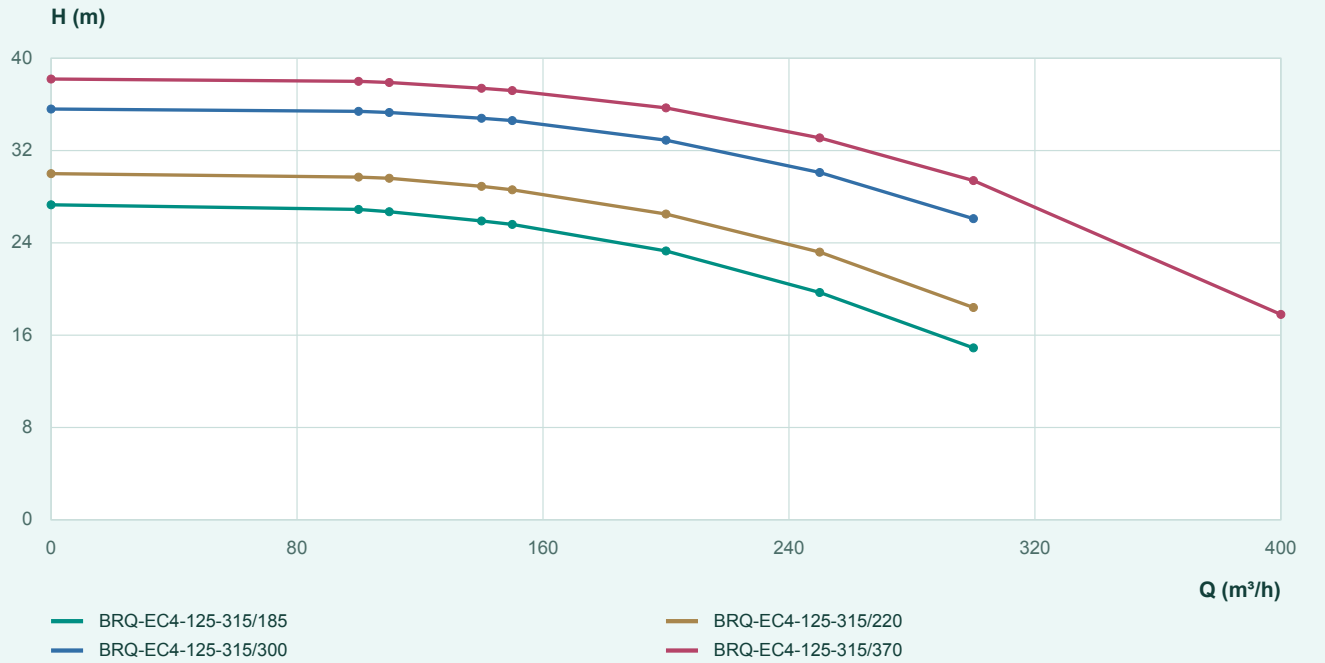
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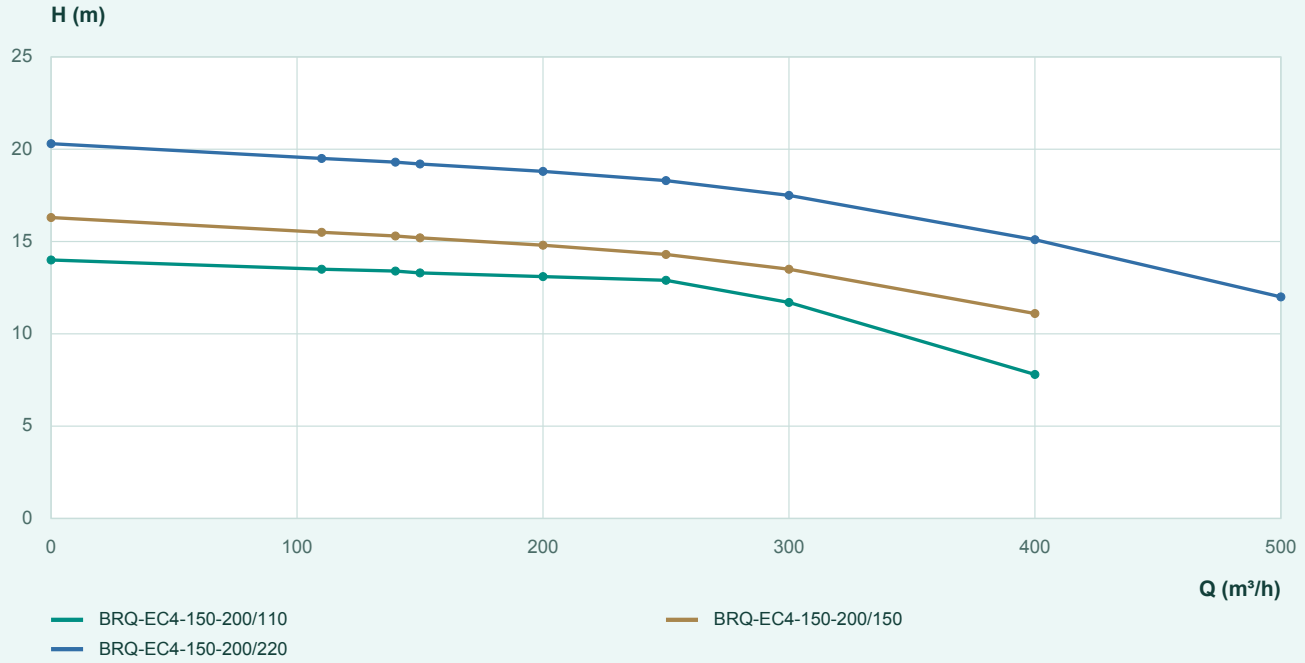


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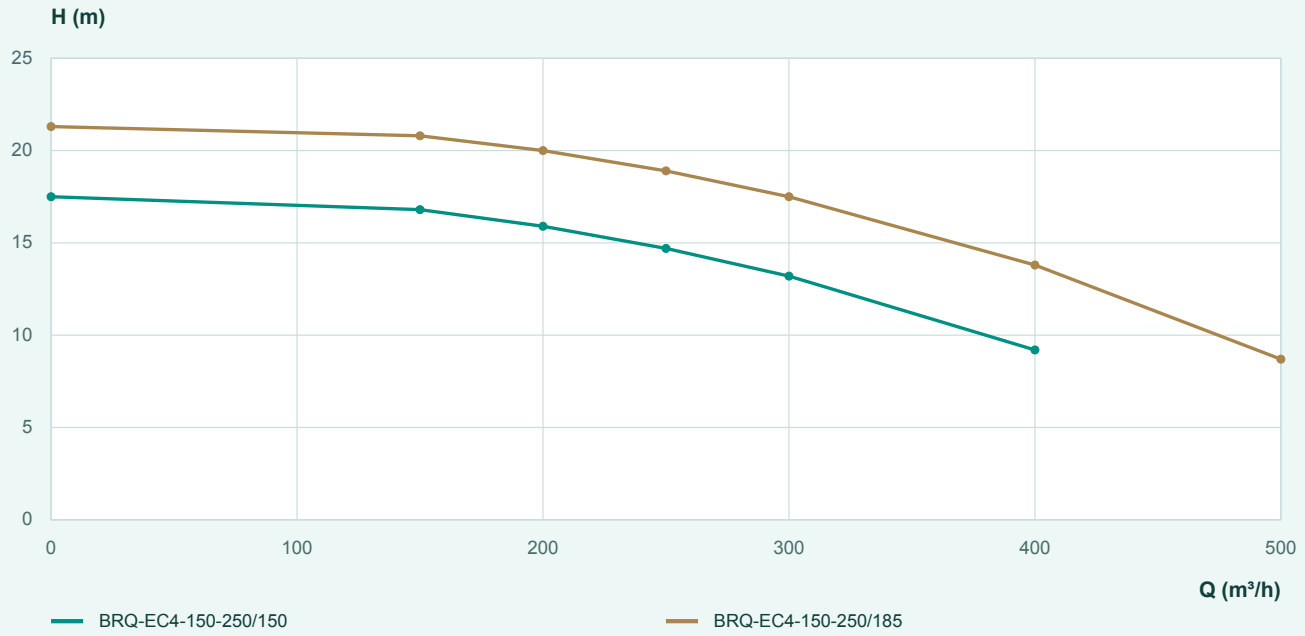
Performance characteristics

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1750 rpm



1750 rpm

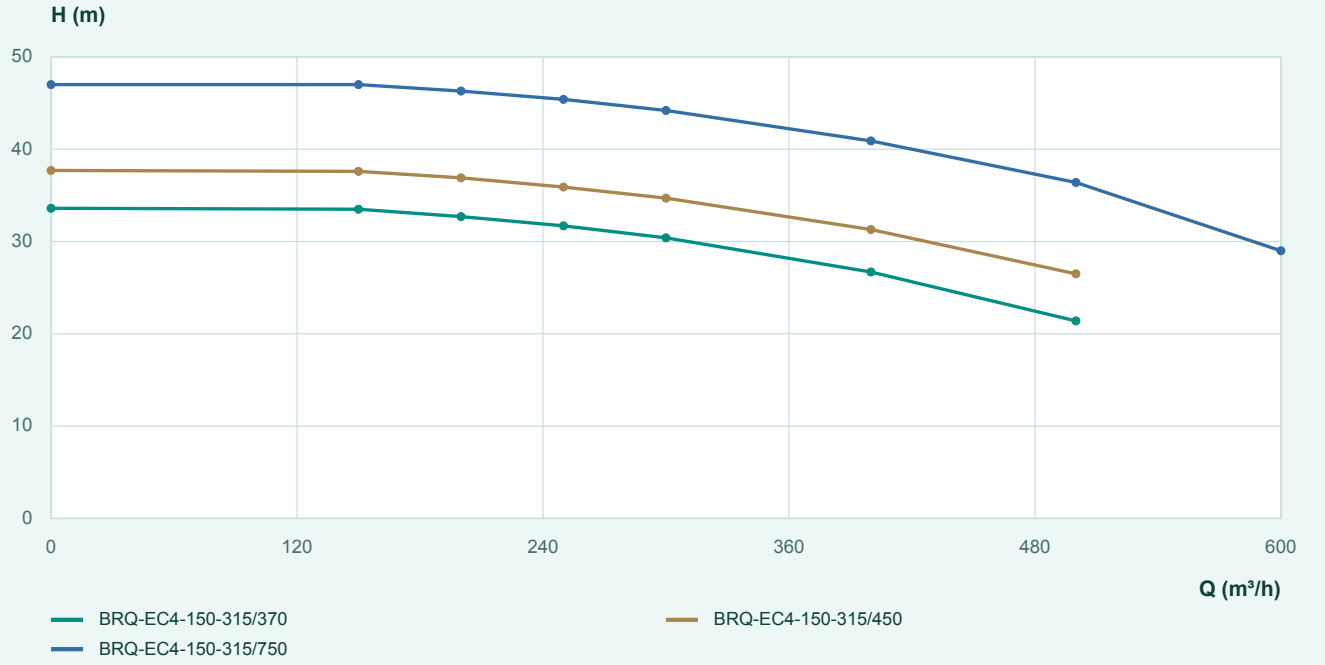


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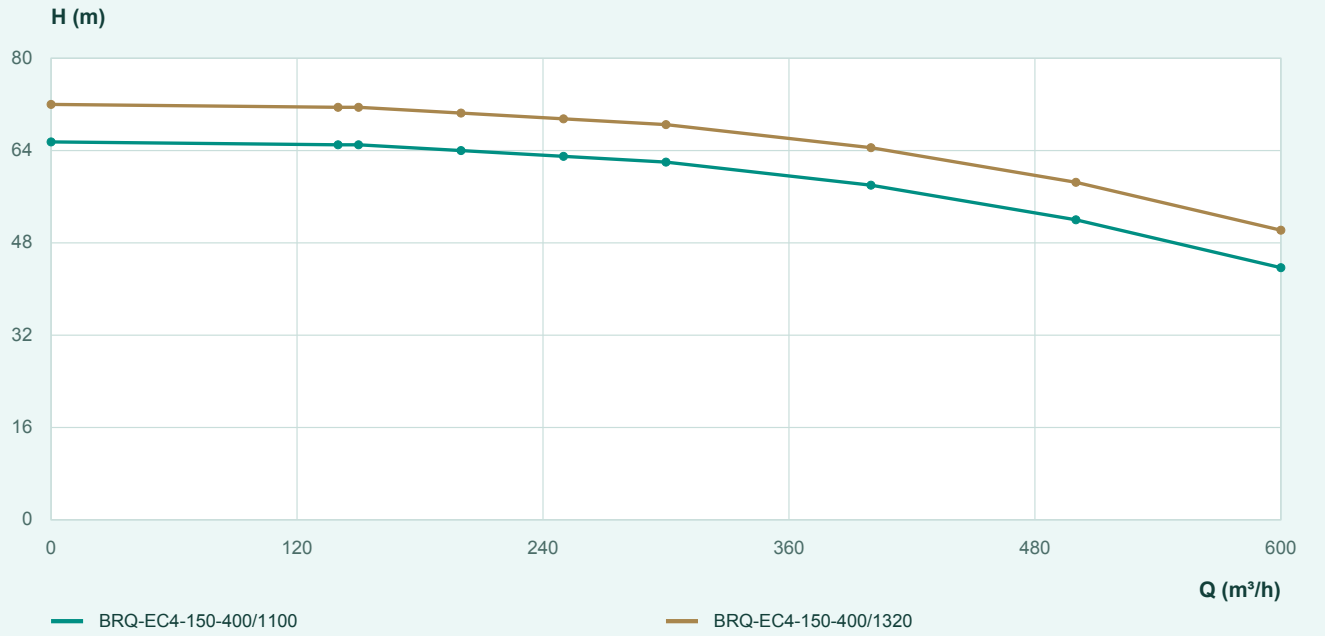
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm



BRQ-EC / END SUCTION CLOSE COUPLED

Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm



BRQ-EC / END SUCTION CLOSE COUPLED

Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

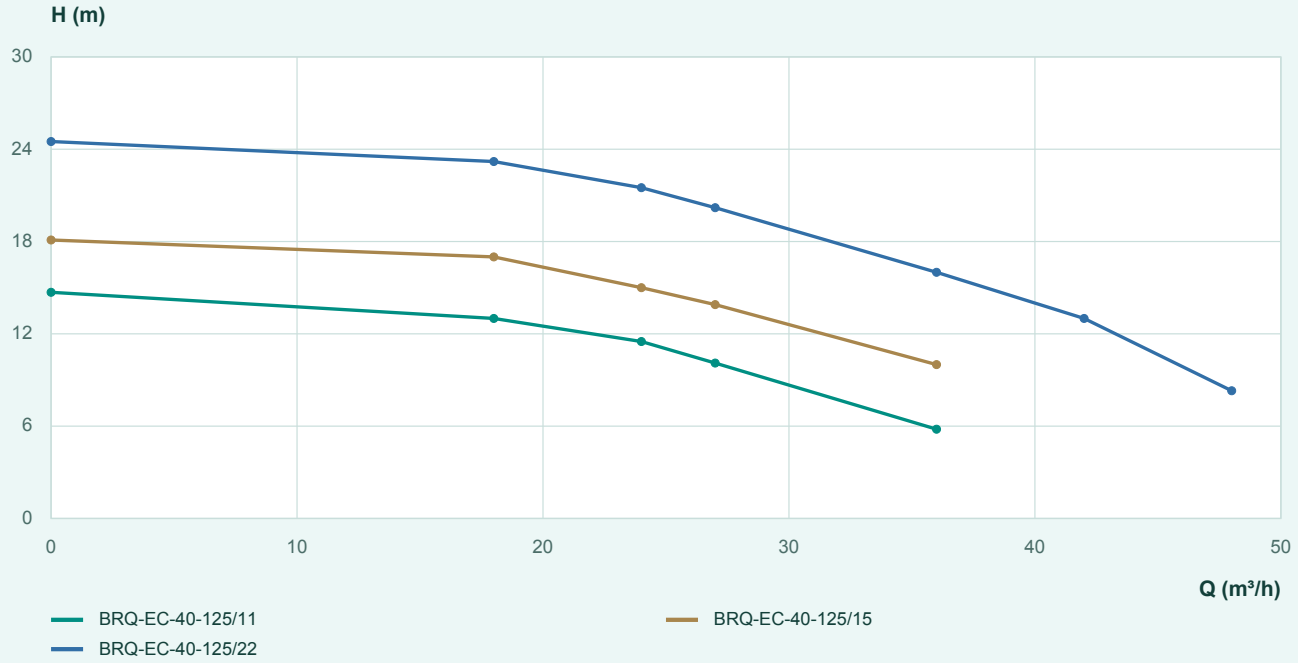


BRQ-EC / END SUCTION CLOSE COUPLED

Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

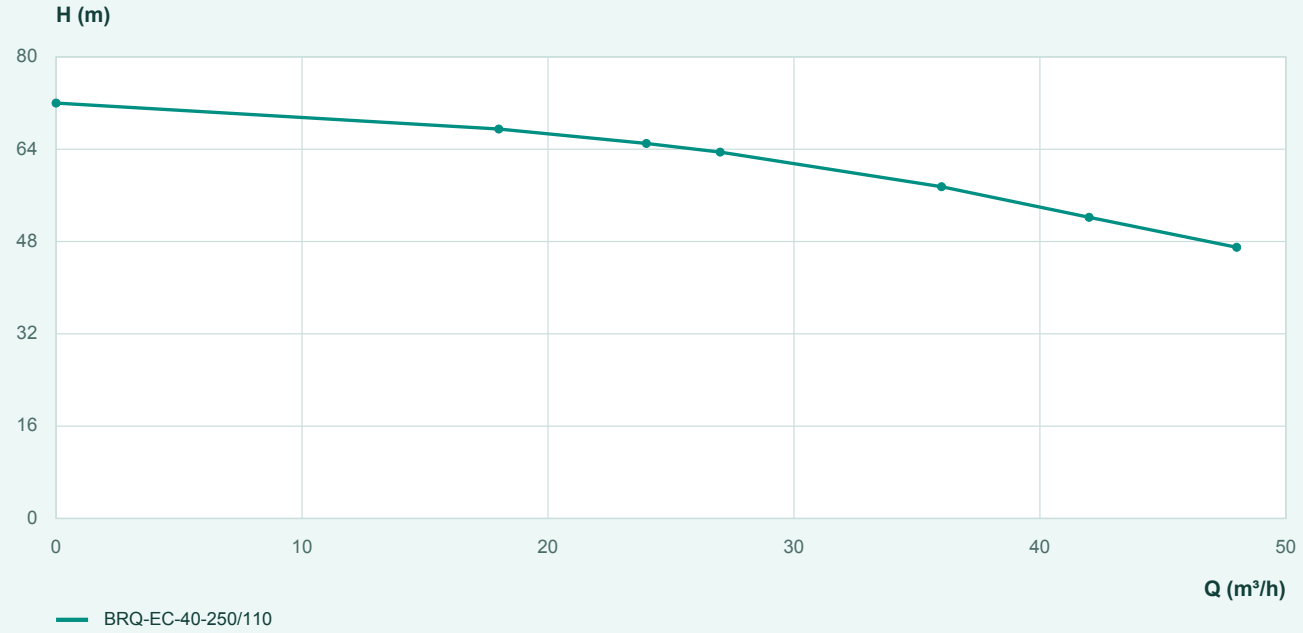


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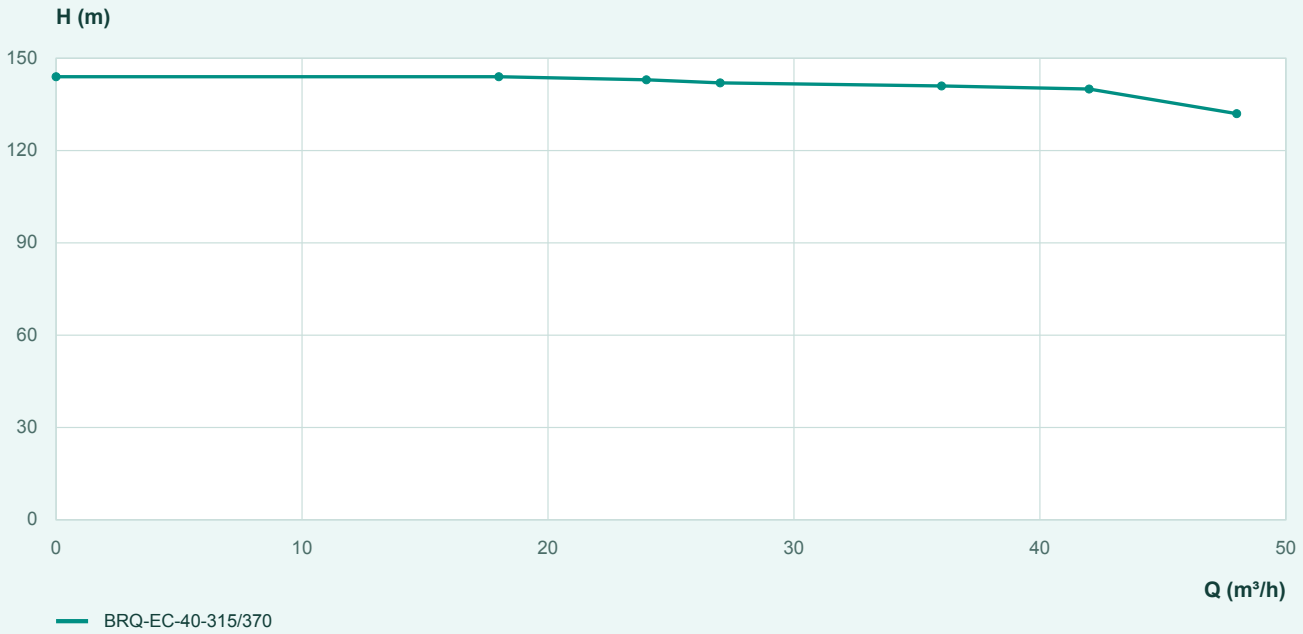
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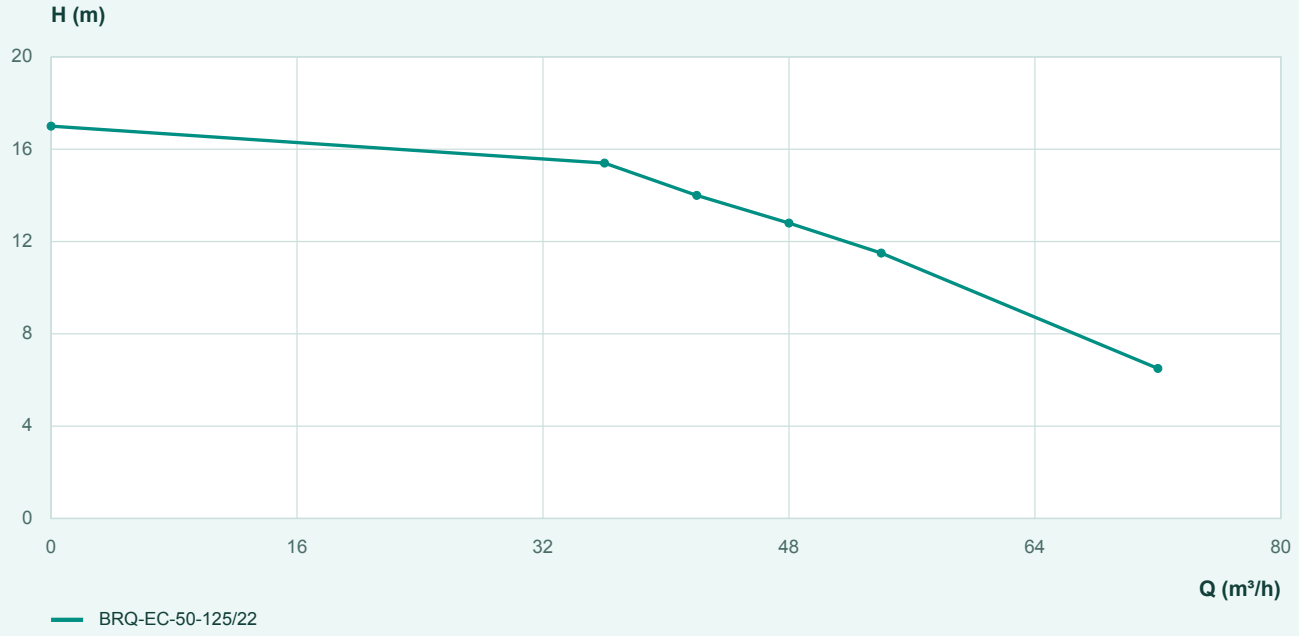


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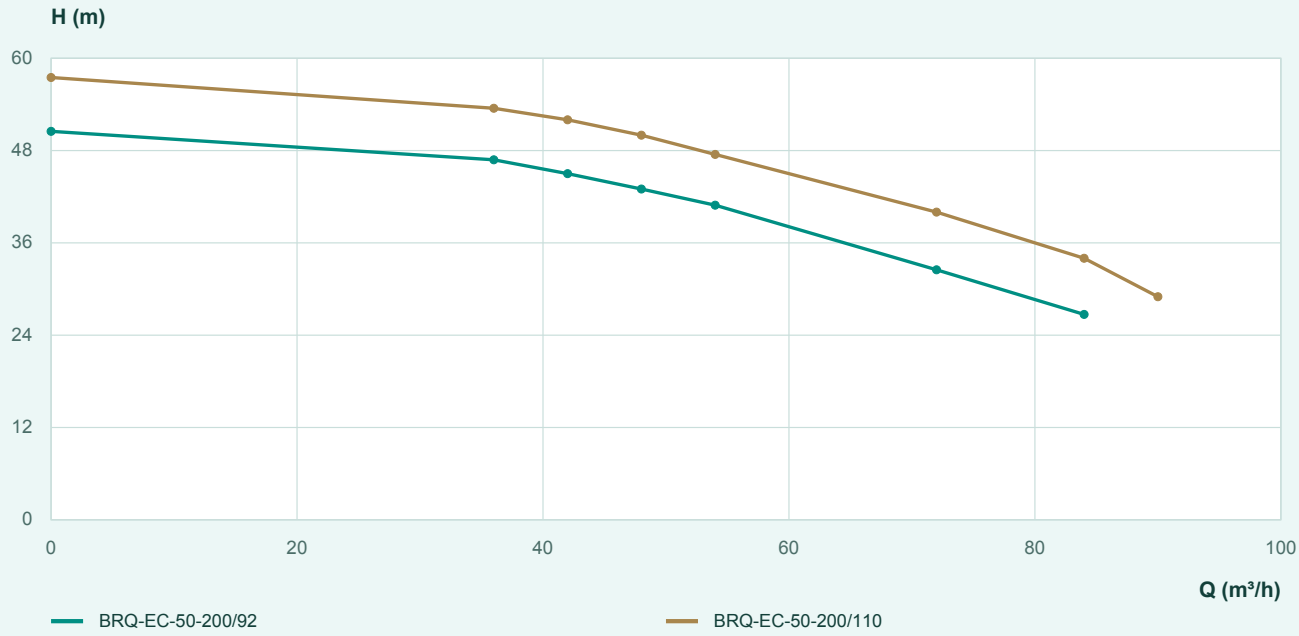
Performance characteristics

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3500 rpm



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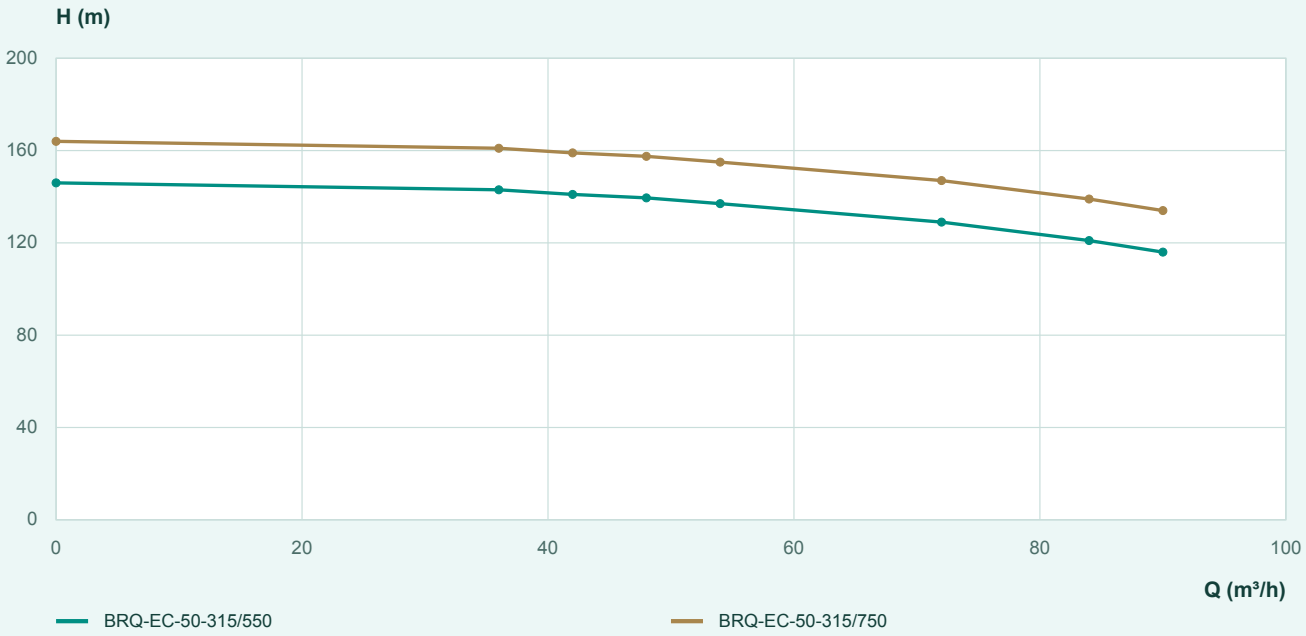
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3500 rpm

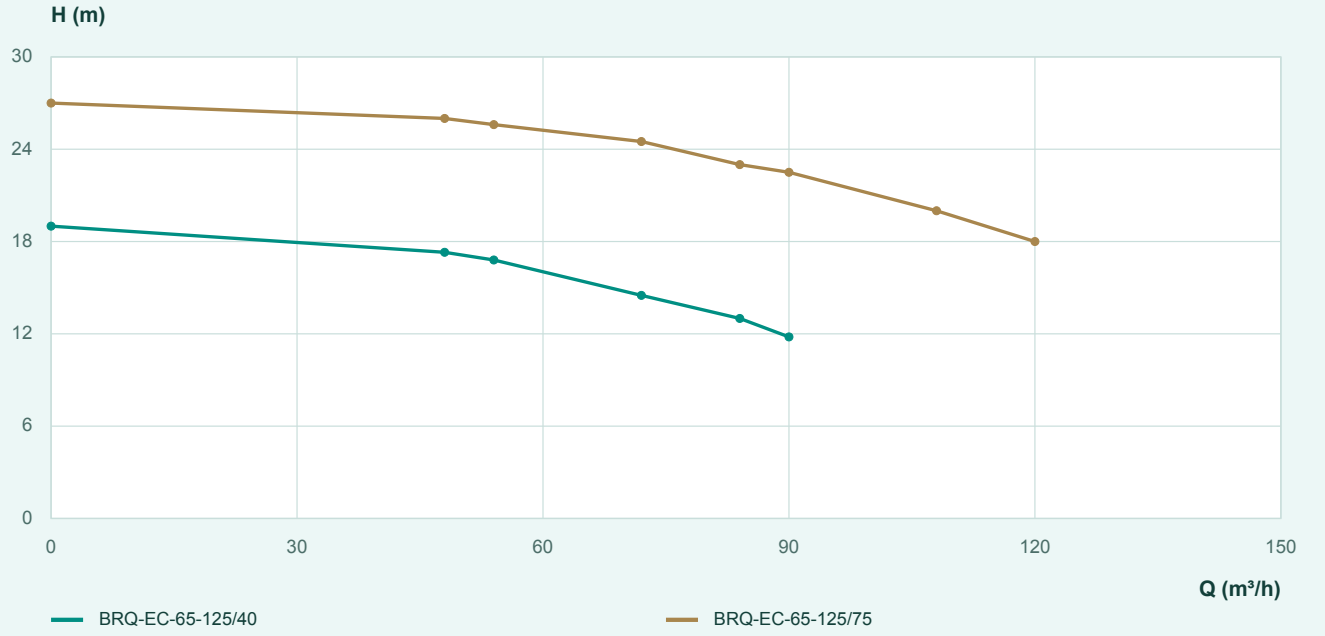


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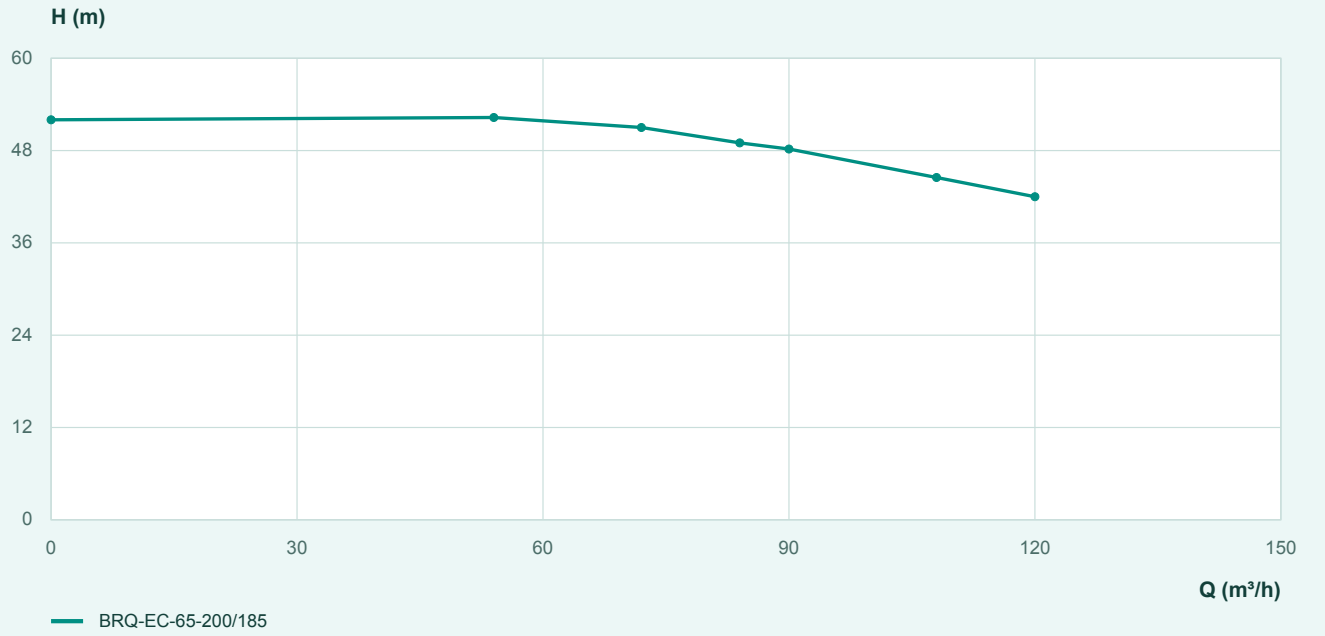
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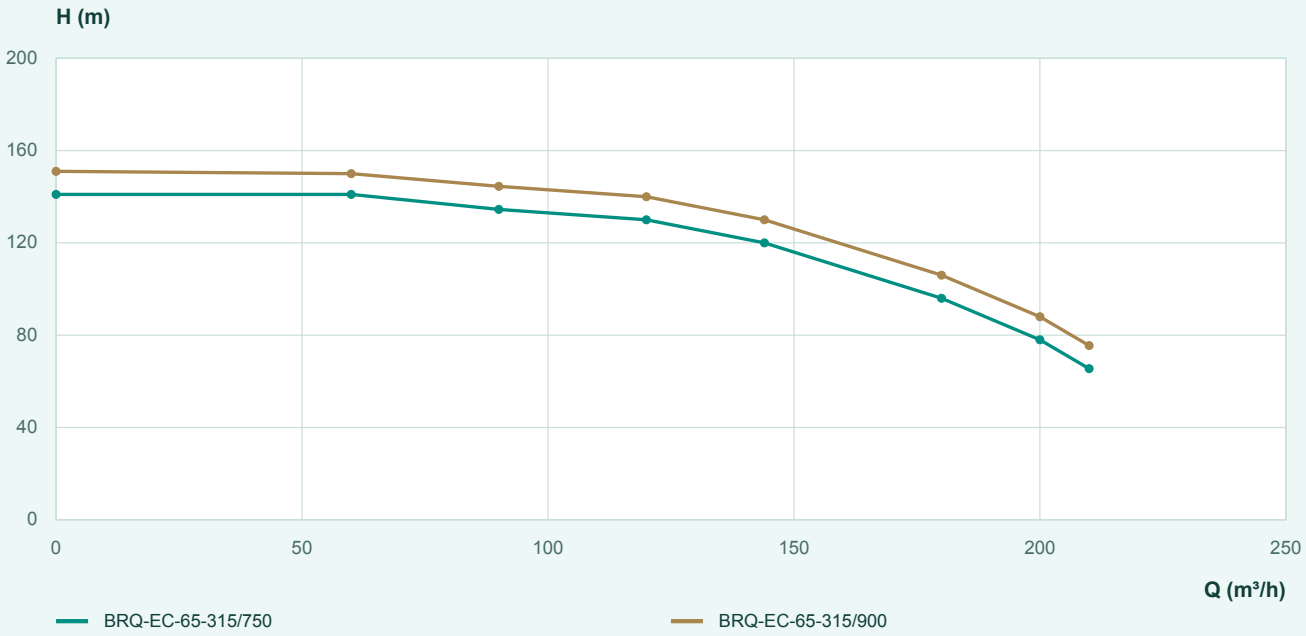
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3500 rpm



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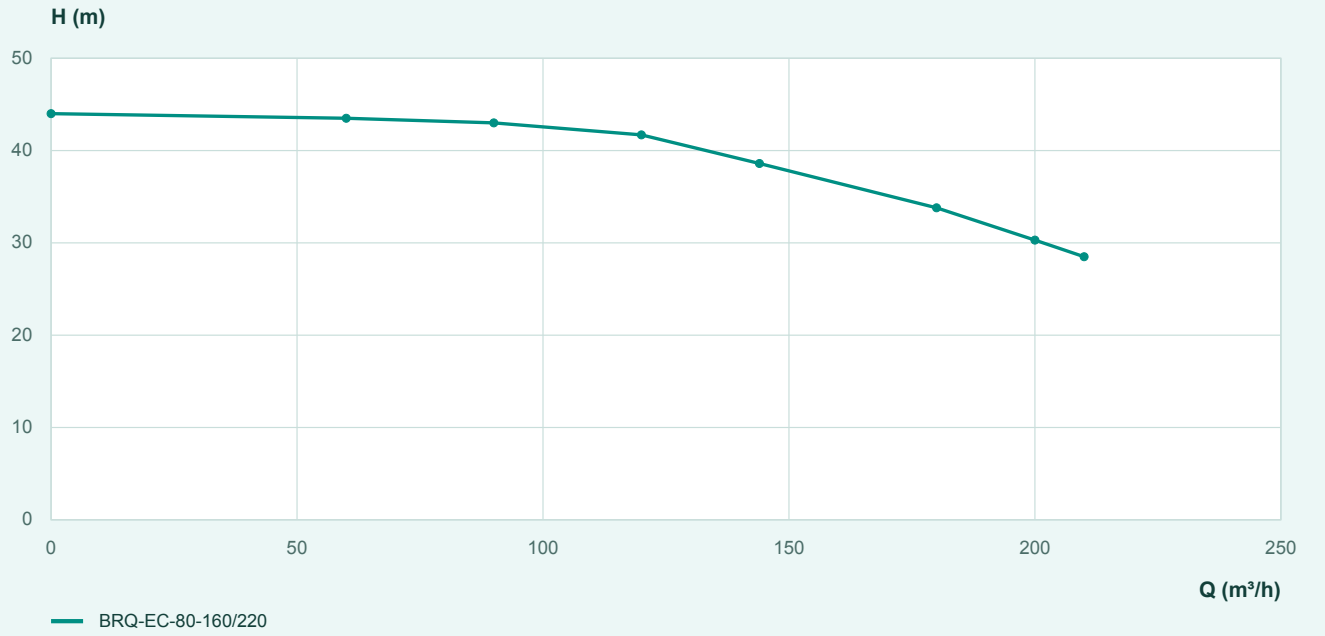
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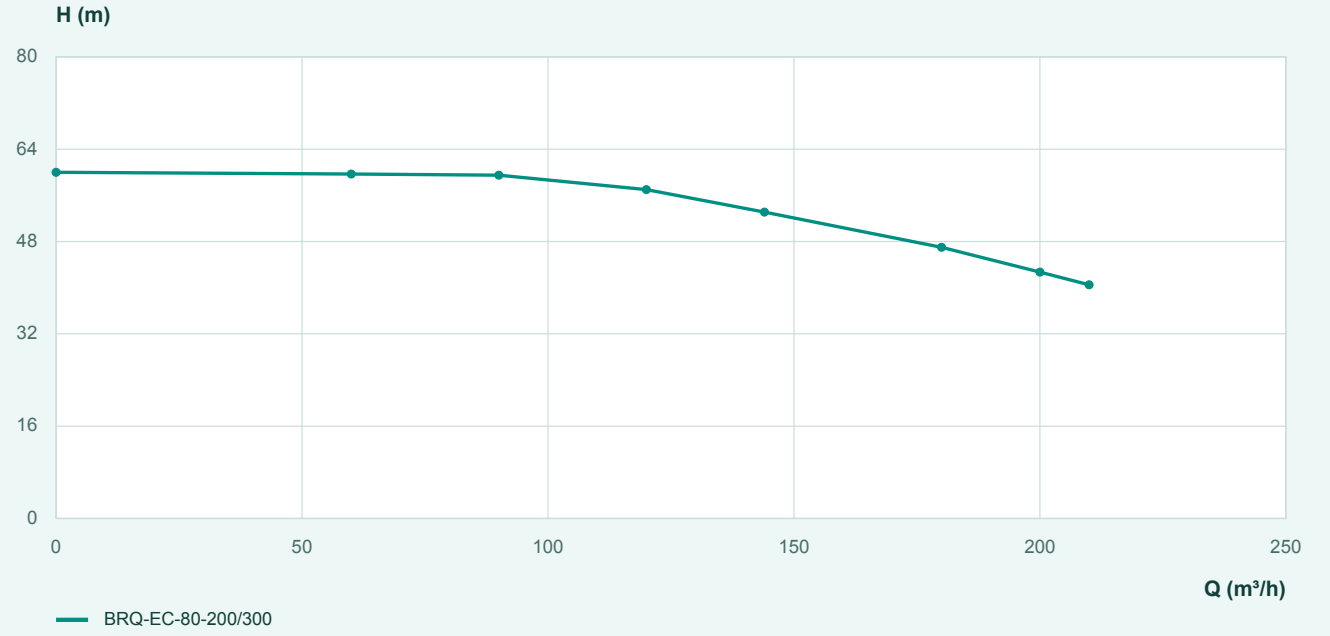


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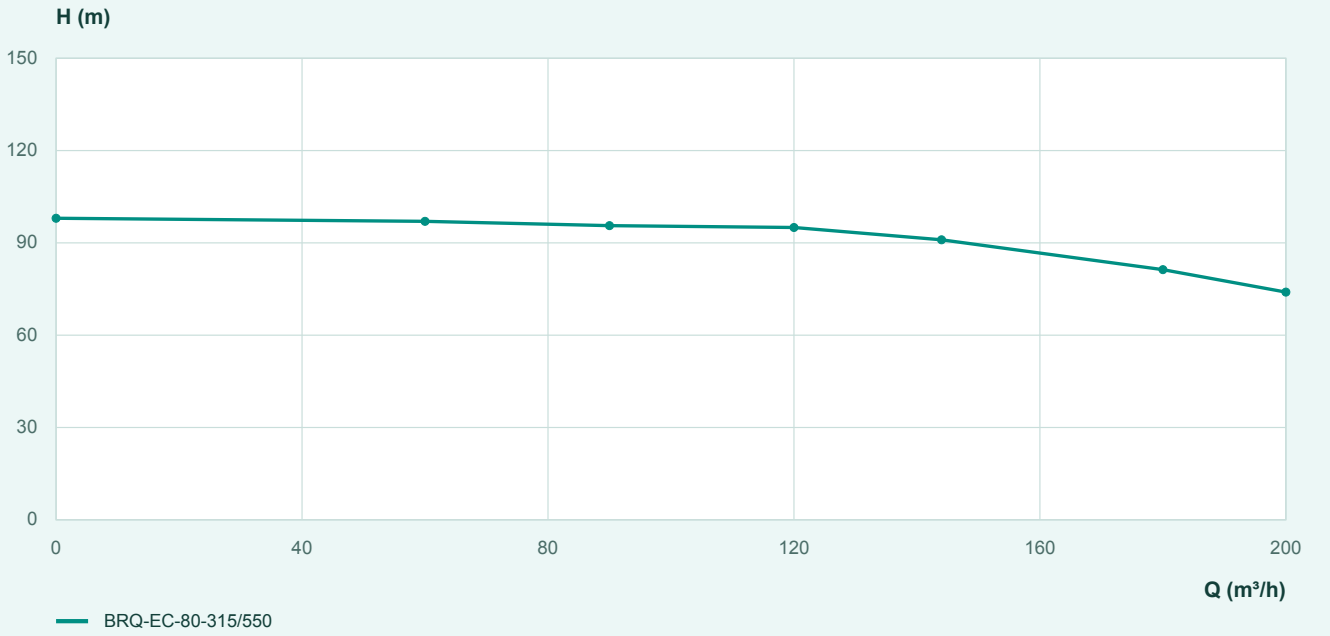
Performance characteristics

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3500 rpm



3500 rpm

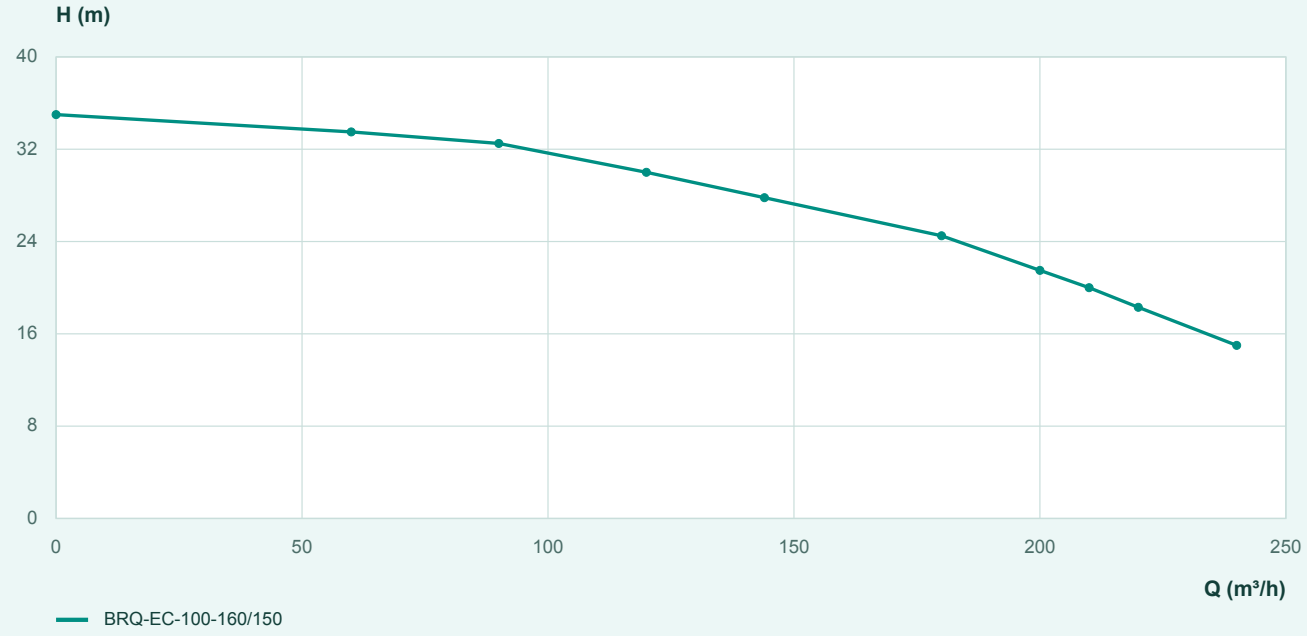


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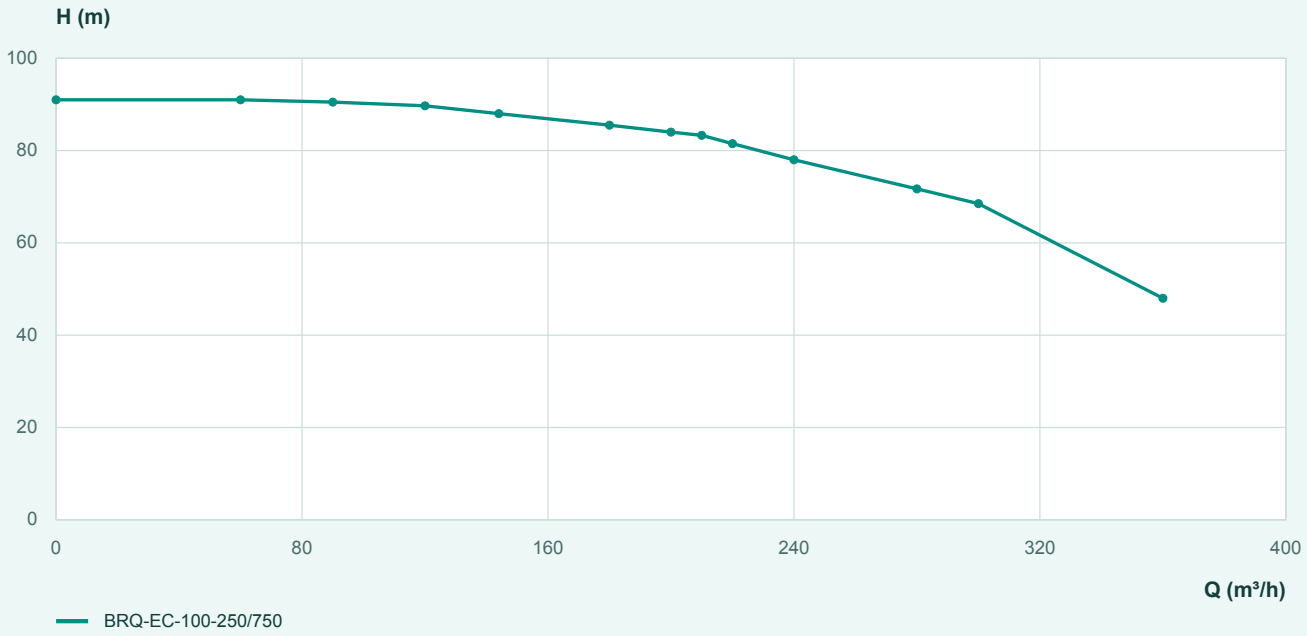
Performance characteristics

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3500 rpm



3500 rpm

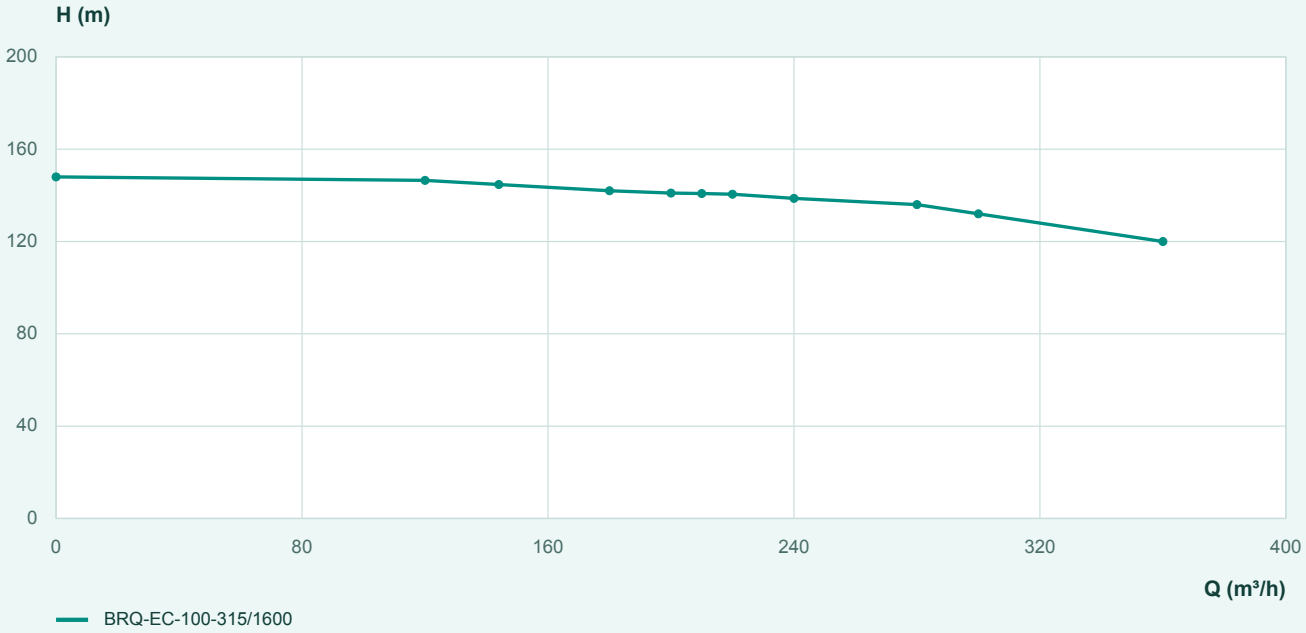


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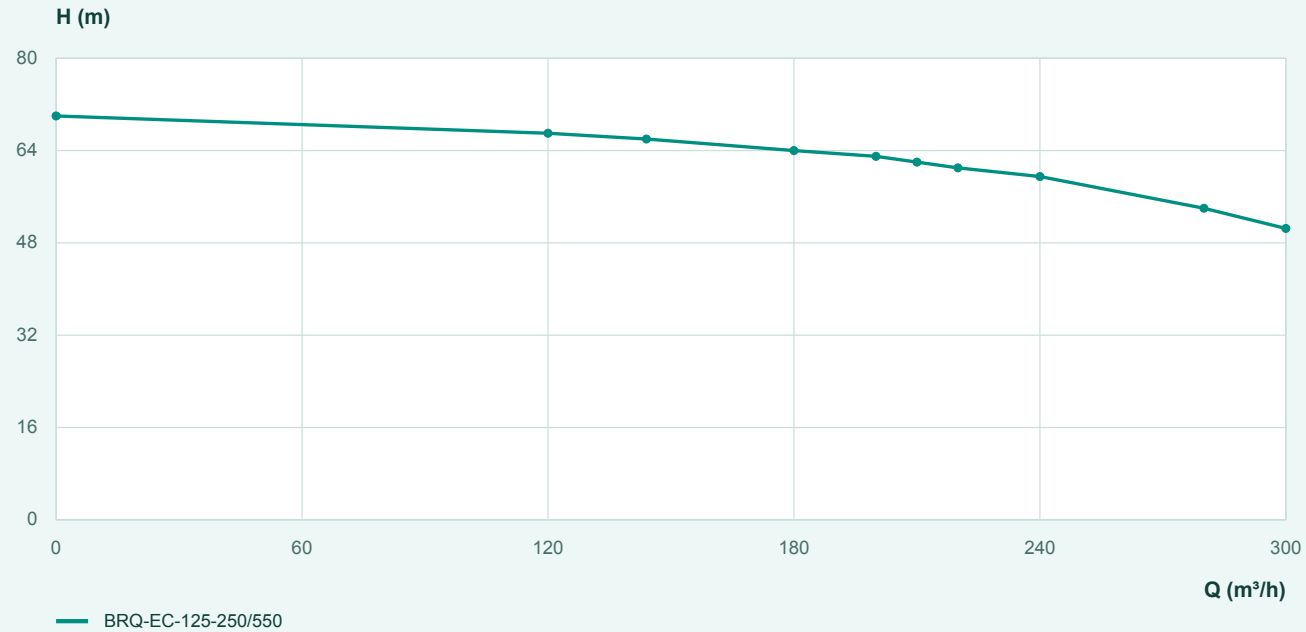
Performance characteristics

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3500 rpm



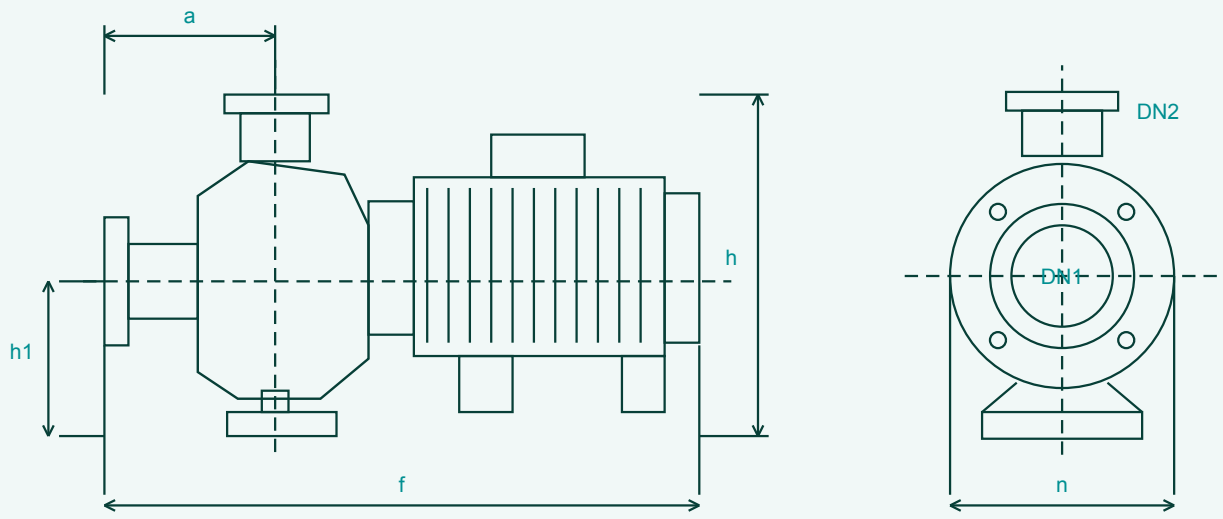
3500 rpm



BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm

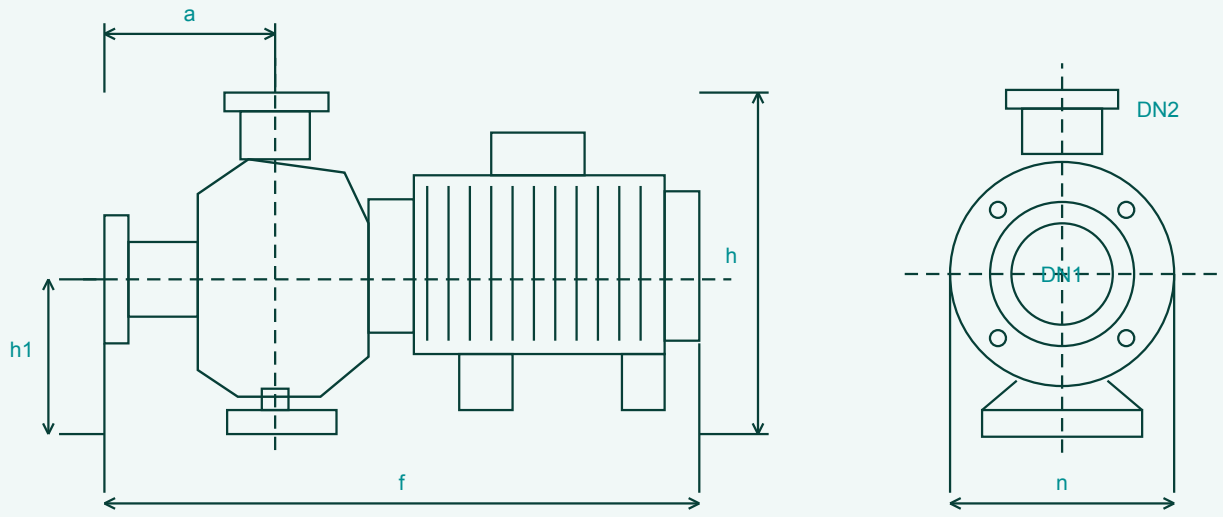


Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC4-65-250/30	80	65	116	606	460	200	346
BRQ-EC4-65-250/55	80	65	116	638	460	200	346
BRQ-EC4-80-200/30	100	80	119	606	460	200	336
BRQ-EC4-80-250/55	100	80	130	638	537	250	402
BRQ-EC4-80-250/75	100	80	130	676	537	250	402
BRQ-EC4-80-250/110	100	80	130	808	537	250	402
BRQ-EC4-80-315/55	100	80	128	688	558	250	442
BRQ-EC4-80-315/75	100	80	128	726	558	250	442
BRQ-EC4-80-315/110	100	80	128	858	558	250	442
BRQ-EC4-80-315/150	100	80	128	902	558	250	442
BRQ-EC4-80-400/185	100	80	149	902	640	280	500
BRQ-EC4-80-400/220	100	80	149	938	640	280	500
BRQ-EC4-80-400/300	100	80	149	1029	640	280	500
BRQ-EC4-100-200/40	125	100	141	645	526	223	422
BRQ-EC4-100-200/55	125	100	141	690	526	223	422
BRQ-EC4-100-200/75	125	100	141	726	526	223	422
BRQ-EC4-100-250/55	125	100	140	688	578	250	417

BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm

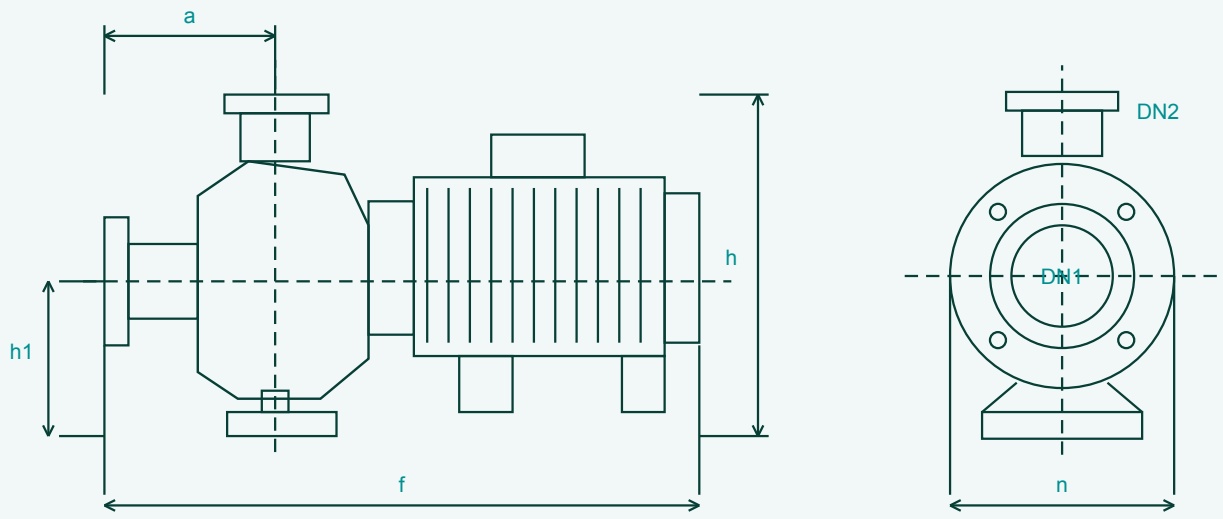


Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC4-100-250/75	125	100	140	726	578	250	417
BRQ-EC4-100-250/110	125	100	140	858	578	250	417
BRQ-EC4-100-250/150	125	100	140	902	578	250	417
BRQ-EC4-100-315/150	125	100	140	888	610	280	488
BRQ-EC4-100-315/185	125	100	140	932	610	280	488
BRQ-EC4-100-315/220	125	100	140	968	610	280	488
BRQ-EC4-100-315/300	125	100	140	1059	610	280	488
BRQ-EC4-100-400/370	125	100	140	1059	635	280	531
BRQ-EC4-100-400/450	125	100	140	1099	635	280	531
BRQ-EC4-125-200/55	150	125	145	718	550	250	431
BRQ-EC4-125-200/75	150	125	145	756	550	250	431
BRQ-EC4-125-200/110	150	125	145	888	550	250	431
BRQ-EC4-125-250/75	150	125	145	718	580	250	440
BRQ-EC4-125-250/110	150	125	145	888	580	250	440
BRQ-EC4-125-250/150	150	125	145	932	580	250	440
BRQ-EC4-125-250/185	150	125	145	932	580	250	440
BRQ-EC4-125-315/185	150	125	160	932	640	280	492

BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm

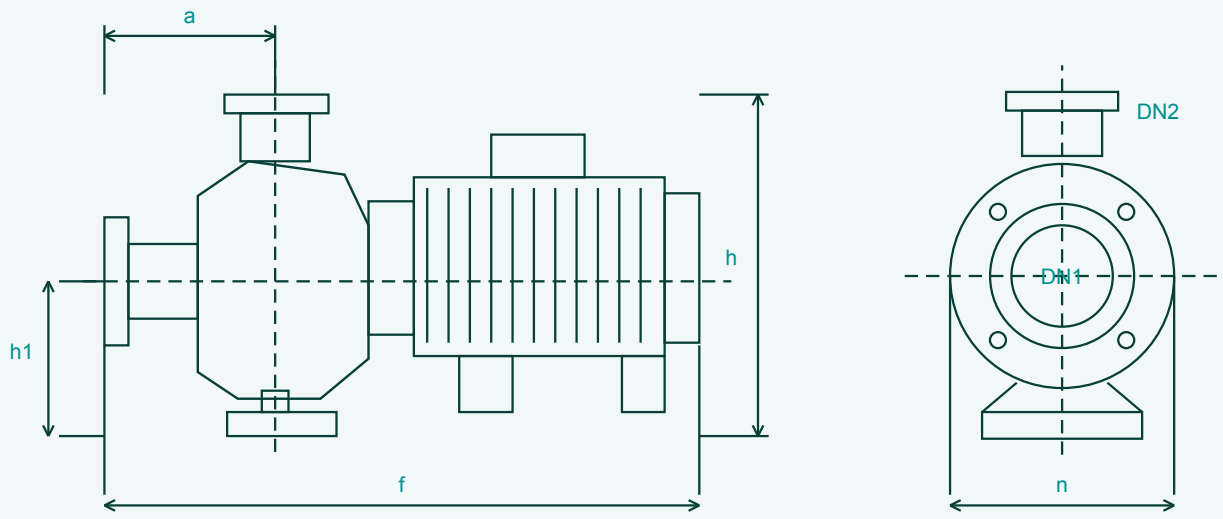


Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC4-125-315/220	150	125	160	968	640	280	492
BRQ-EC4-125-315/300	150	125	160	1059	640	280	492
BRQ-EC4-150-200/110	200	150	173	928	695	315	524
BRQ-EC4-150-200/150	200	150	173	928	695	315	524
BRQ-EC4-150-200/185	200	150	173	972	695	315	524
BRQ-EC4-150-200/220	200	150	173	1008	695	315	524
BRQ-EC4-150-250/150	200	150	187	928	715	315	565
BRQ-EC4-150-250/185	200	150	187	972	715	315	565
BRQ-EC4-150-250/220	200	150	187	1008	715	315	565
BRQ-EC4-150-250/300	200	150	187	1099	715	315	565
BRQ-EC4-150-315/370	200	150	225	1099	805	335	603
BRQ-EC4-150-315/450	200	150	225	1139	805	335	603
BRQ-EC4-150-315/550	200	150	225	1230	805	335	603
BRQ-EC4-150-315/750	200	150	225	1302	805	335	603
BRQ-EC4-150-400/550	200	150	197	1230	805	335	618
BRQ-EC4-150-400/750	200	150	197	1302	805	335	618
BRQ-EC4-150-400/900	200	150	197	1353	805	335	618

BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm

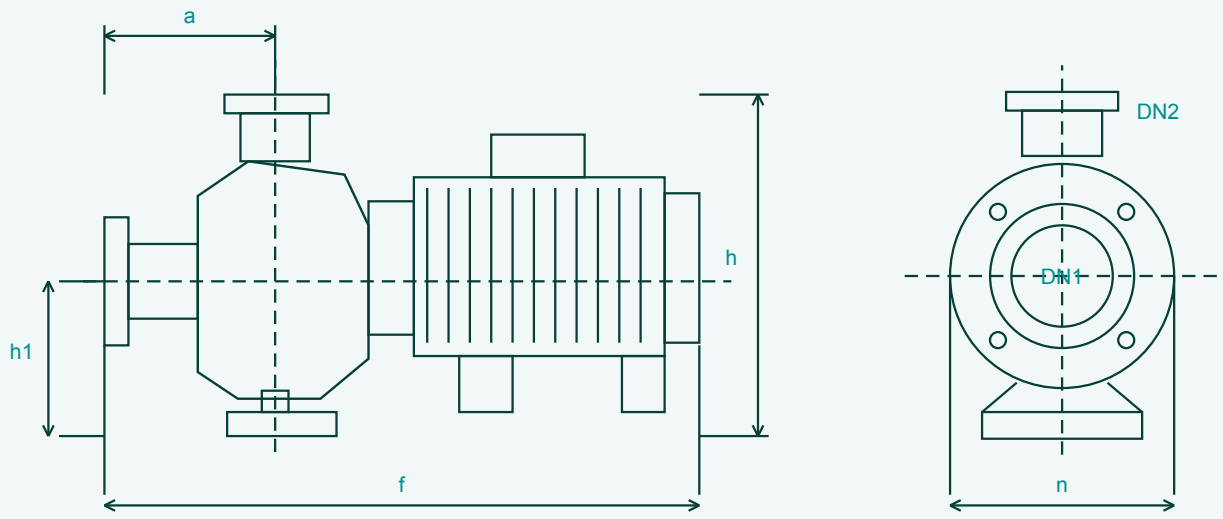


Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC4-150-400/1100	200	150	197	1514	865	335	630
BRQ-EC4-150-400/1320	200	150	197	1624	865	335	630
BRQ-EC-32-125/7	50	32	80	435	250	112	202
BRQ-EC-32-125/11	50	32	80	435	250	112	202
BRQ-EC-32-160/15	50	32	83	435	293	132	245
BRQ-EC-32-160/22	50	32	83	435	293	132	245
BRQ-EC-32-160/30	50	32	83	470	293	132	245
BRQ-EC-32-200/30	50	32	82	490	340	160	265
BRQ-EC-32-200/40	50	32	82	490	340	160	265
BRQ-EC-32-250/55-75	50	32	88	590	404	185	333
BRQ-EC-32-250/55D-75D	50	32	160	610	362	162	330
BRQ-EC-32-250/92	50	32	88	590	404	185	333
BRQ-EC-32-250/110	50	32	88	590	404	185	333
BRQ-EC-32-250/150	50	32	88	712	404	185	333
BRQ-EC-40-125/11	65	40	83	440	256	114	220
BRQ-EC-40-125/15	65	40	83	440	256	114	220
BRQ-EC-40-125/22	65	40	83	440	256	114	220

BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm

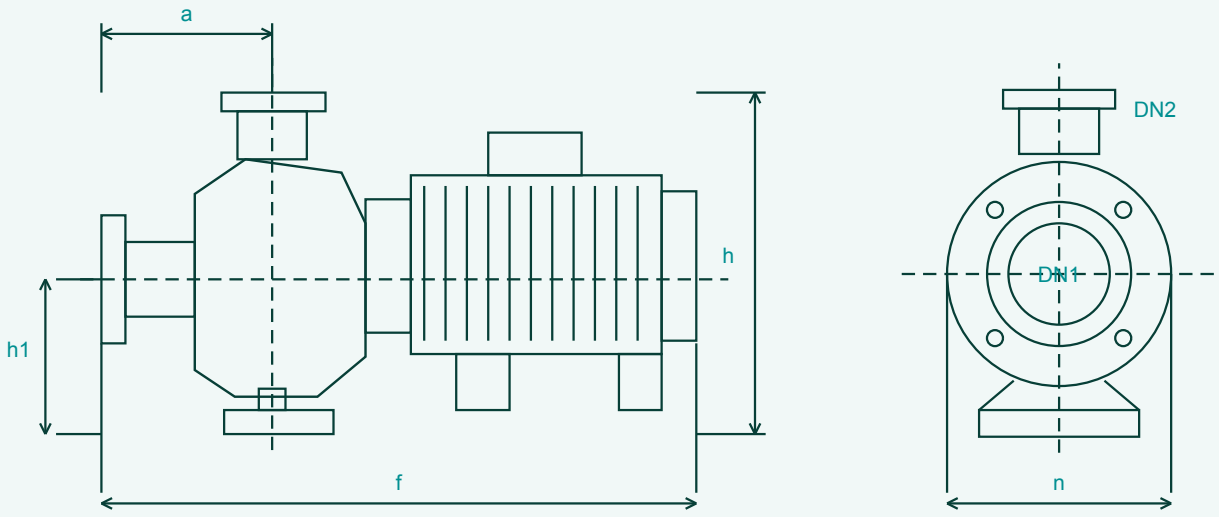


Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC-40-160/30	65	40	80	490	300	133	250
BRQ-EC-40-160/40	65	40	80	490	300	133	250
BRQ-EC-40-200/55-75	65	40	102	560	340	160	282
BRQ-EC-40-250-110	65	40	94	725	415	185	327
BRQ-EC-40-250-150	65	40	94	725	415	185	327
BRQ-EC-40-250-185	65	40	94	725	415	185	327
BRQ-EC-40-250/92	65	40	94	610	415	185	327
BRQ-EC-50-125/22	65	50	102	525	302	133	246
BRQ-EC-50-125/30	65	50	102	525	302	133	246
BRQ-EC-50-125/40	65	50	102	525	302	133	246
BRQ-EC-50-160/55-75	65	50	105	560	345	162	270
BRQ-EC-50-200/92	65	50	105	614	390	185	307
BRQ-EC-50-200/110	65	50	105	614	390	185	307
BRQ-EC-50-200/150	65	50	105	735	390	185	307
BRQ-EC-50-250/150-220	65	50	102	735	415	185	330
BRQ-EC-65-125/40	80	65	102	580	344	162	284
BRQ-EC-65-125/55-75)	801	65	102	580	344	162	284

BRQ-EC / END SUCTION CLOSE COUPLED

Installation dimensions

Dimensions in mm



Model / size	DN1	DN2	a	f	h	h1	n
BRQ-EC-65-160/92	80	65	111	626	415	185	310
BRQ-EC-65-160/110	80	65	111	626	415	185	310
BRQ-EC-65-160/150	80	65	111	740	415	185	310
BRQ-EC-65-200/150-220	80	65	111	740	425	185	320
BRQ-EC-80-125/40	100	80	118	590	356	162	330
BRQ-EC-80-125/55-75	100	80	118	590	356	162	330
BRQ-EC-80-160/110	100	80	116	636	434	185	340
BRQ-EC-80-160/150-220	100	8	116	750	434	185	340
BRQ-EC-100-160/150-220	125	100	130	765	431	185	345