BRQ-EB

60 Hz

END SUCTION BARE SHAFT



01 BARE SHAFT
Separate driver connection

02 BEARING HOUSING
Independent support

03 PORT ARRANGEMENT
Axial inlet / upward outlet

FLOW m³/h	HEAD m	DRIVE kW
0–1000	3.4–164	1.1–315

End suction centrifugal pumps with a separate bearing housing and shaft extension for a flexible coupling and driver. Axial suction and upward discharge support conventional horizontal installation.

APPLICATIONS

Water supply / Irrigation / Industrial water / Circulation

FREQUENCY BASIS

60 Hz

BRQ-EB / END SUCTION BARE SHAFT

Selection data

60 Hz / Performance range

Model	Drive kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EB4-65-160/11	1.1	1750	80 × 65	0–72	3.4–8
BRQ-EB4-65-160/22	2.2	1750	80 × 65	0–84	5–10.3
BRQ-EB4-65-200/15	1.5	1750	80 × 65	0–72	4.6–10
BRQ-EB4-65-200/22	2.2	1750	80 × 65	0–72	7.6–12.4
BRQ-EB4-65-250/30	3	1750	80 × 65	0–72	6.7–15.4
BRQ-EB4-65-250/40	4	1750	80 × 65	0–72	11.7–19
BRQ-EB4-65-315/40	4	1750	80 × 65	0–60	13.3–18.6
BRQ-EB4-65-315/55	5.5	1750	80 × 65	0–72	14–22.1
BRQ-EB4-65-315/110	11	1750	80 × 65	0–108	18.7–34.8
BRQ-EB4-65-315/150	15	1750	80 × 65	0–108	23.9–40
BRQ-EB4-80-200/30	3	1750	100 × 80	0–96	6.6–11.8
BRQ-EB4-80-200/40	4	1750	100 × 80	0–108	9–14.2
BRQ-EB4-80-250/55	5.5	1750	100 × 80	0–108	11.1–20.5
BRQ-EB4-80-250/75	7.5	1750	100 × 80	0–108	16–24
BRQ-EB4-80-315/75	7.5	1750	100 × 80	0–108	16.3–24.6
BRQ-EB4-80-315/110	11	1750	100 × 80	0–150	13.5–29.9
BRQ-EB4-80-315/150	15	1750	100 × 80	0–150	23–36.8
BRQ-EB4-80-400/300	30	1750	100 × 80	0–150	43.2–55.1
BRQ-EB4-100-160/22	2.2	1750	125 × 100	0–108	4.3–5.9
BRQ-EB4-100-160/40	4	1750	125 × 100	0–150	7.8–11.5
BRQ-EB4-100-200/55	5.5	1750	125 × 100	0–200	5.7–13.3
BRQ-EB4-100-200/92	9.2	1750	125 × 100	0–200	8.9–16.5
BRQ-EB4-100-250/55	5.5	1750	125 × 100	0–150	7.9–15.9
BRQ-EB4-100-250/75	7.5	1750	125 × 100	0–150	12.7–19.5
BRQ-EB4-100-315/150	15	1750	125 × 100	0–200	14.9–28
BRQ-EB4-100-315/185	18.5	1750	125 × 100	0–200	17.9–31
BRQ-EB4-100-315/300	30	1750	125 × 100	0–250	21.3–37

BRQ-EB / END SUCTION BARE SHAFT

Selection data

60 Hz / Performance range

Model	Drive kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EB4-100-400/450	45	1750	125 × 100	0–250	32.1–57.1
BRQ-EB4-100-400/550	55	1750	125 × 100	0–250	39.1–64
BRQ-EB4-125-200/55	5.5	1750	150 × 125	0–200	6.9–11.4
BRQ-EB4-125-200/110	11	1750	150 × 125	0–250	9.8–18.1
BRQ-EB4-125-250/110	11	1750	150 × 125	0–250	11.7–19.4
BRQ-EB4-125-250/185	18.5	1750	150 × 125	0–300	16.5–25.6
BRQ-EB4-125-315/185	18.5	1750	150 × 125	0–300	14.9–27.3
BRQ-EB4-125-315/220	22	1750	150 × 125	0–300	18.4–30
BRQ-EB4-125-315/300	30	1750	150 × 125	0–300	26.1–35.6
BRQ-EB4-125-315/370	37	1750	150 × 125	0–400	17.8–38.2
BRQ-EB4-125-400/300	30	1750	150 × 125	0–300	18.3–41
BRQ-EB4-125-400/370	37	1750	150 × 125	0–300	26.5–46.2
BRQ-EB4-125-400/450	45	1750	150 × 125	0–300	34.8–51.4
BRQ-EB4-125-400/750	75	1750	150 × 125	0–400	34.7–64.5
BRQ-EB4-125-400/900	90	1750	150 × 125	0–400	40.2–70
BRQ-EB4-150-200/110	11	1750	200 × 150	0–400	7.8–14
BRQ-EB4-150-200/185	18.5	1750	200 × 150	0–500	10–18.3
BRQ-EB4-150-200/220	22	1750	200 × 150	0–500	12–20.3
BRQ-EB4-150-250/150	15	1750	200 × 150	0–400	9.2–17.5
BRQ-EB4-150-250/300	30	1750	200 × 150	0–500	13.8–25.5
BRQ-EB4-150-315/450	45	1750	200 × 150	0–500	26.5–37.7
BRQ-EB4-150-315/550	55	1750	200 × 150	0–500	29.4–40
BRQ-EB4-150-400/750	75	1750	200 × 150	0–600	32.2–55.4
BRQ-EB4-150-400/900	90	1750	200 × 150	0–600	37.7–59.5
BRQ-EB4-150-400/1320	132	1750	200 × 150	0–600	50.2–72
BRQ-EB-32-160/15	1.5	3500	50 × 32	0–18	15.8–25.4
BRQ-EB-32-160/22	2.2	3500	50 × 32	0–24	15–31

BRQ-EB / END SUCTION BARE SHAFT

Selection data

60 Hz / Performance range

Model	Drive kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EB-32-160/30	3	3500	50 × 32	0–27	15–35
BRQ-EB-32-200/30	3	3500	50 × 32	0–27	19.8–44.2
BRQ-EB-32-200/40	4	3500	50 × 32	0–27	30.3–54.5
BRQ-EB-32-250/55	5.5	3500	50 × 32	0–24	34.5–60
BRQ-EB-32-250/75	7.5	3500	50 × 32	0–24	53–69.5
BRQ-EB-32-250/110	11	3500	50 × 32	0–24	66–90
BRQ-EB-40-160/30	3	3500	65 × 40	0–42	17.5–31.8
BRQ-EB-40-200/55	5.5	3500	65 × 40	0–42	30–46
BRQ-EB-40-250/150	15	3500	65 × 40	0–48	61–84.5
BRQ-EB-40-250/185	18.5	3500	65 × 40	0–48	66.5–90
BRQ-EB-40-315/300	30	3500	65 × 40	0–42	112–120
BRQ-EB-40-315/370	37	3500	65 × 40	0–48	132–144
BRQ-EB-50-125/22	2.2	3500	65 × 50	0–72	6.5–17
BRQ-EB-50-125/30	3	3500	65 × 50	0–72	11–20
BRQ-EB-50-125/40	4	3500	65 × 50	0–84	11.8–24
BRQ-EB-50-160/55	5.5	3500	65 × 50	0–84	14.8–32
BRQ-EB-50-200/110	11	3500	65 × 50	0–90	29–57.5
BRQ-EB-50-250/150	15	3500	65 × 50	0–84	41–68.5
BRQ-EB-50-250/220	22	3500	65 × 50	0–90	57–89.5
BRQ-EB-50-250/300	30	3500	65 × 50	0–90	63–95.5
BRQ-EB-50-315/300	30	3500	65 × 50	0–84	72–97
BRQ-EB-50-315/750	75	3500	65 × 50	0–90	134–164
BRQ-EB-65-200/150	15	3500	80 × × 65	0–120	34–45.5
BRQ-EB-65-200/185	18.5	3500	80 × 65	0–120	42–52.3
BRQ-EB-65-315/450	45	3500	80 × 65	0–138	83–102
BRQ-EB-65-315/550	55	3500	80 × 65	0–180	76–122
BRQ-EB-65-315/900	90	3500	80 × 65	0–210	75.5–151

BRQ-EB / END SUCTION BARE SHAFT

Selection data

60 Hz / Performance range

Model	Drive kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EB-80-125/55	5.5	3500	100 × 80	0–138	9.5–21
BRQ-EB-80-160/185	18.5	3500	100 × 80	0–200	24.8–39
BRQ-EB-80-200/220	22	3500	100 × 80	0–210	24.5–48
BRQ-EB-80-200/300	30	3500	100 × 80	0–210	40.5–60
BRQ-EB-80-250/370	37	3500	100 × 80	0–210	38.5–71.5
BRQ-EB-80-250/550	55	3500	100 × 80	0–210	68.3–94.5
BRQ-EB-80-315/450	45	3500	100 × 80	0–210	56–85
BRQ-EB-80-315/750	75	3500	100 × 80	0–240	80.8–124
BRQ-EB-80-315/900	90	3500	100 × 80	0–240	100.8–144
BRQ-EB-80-315/1100	110	3500	100 × 80	0–240	109.8–153
BRQ-EB-100-160/150	15	3500	125 × 100	0–240	15–35
BRQ-EB-100-200/220	22	3500	125 × 100	0–300	13–38.5
BRQ-EB-100-200/450	45	3500	125 × 100	0–300	35–61
BRQ-EB-100-250/750	75	3500	125 × 100	0–360	48–91
BRQ-EB-100-250/900	90	3500	125 × 100	0–360	57–100
BRQ-EB-100-315/1100	110	3500	125 × 100	0–360	90–118
BRQ-EB-100-315/1320	132	3500	125 × 100	0–360	101–129
BRQ-EB-100-315/1600	160	3500	125 × 100	0–360	120–148
BRQ-EB-125-200/450	45	3500	150 × 125	0–400	25–39.8
BRQ-EB-125-200/550	55	3500	150 × 125	0–400	35–50.5
BRQ-EB-125-250/900	90	3500	150 × 125	0–400	60–87
BRQ-EB-125-250H/1320	132	3500	150 × 125	0–600	59.6–84
BRQ-EB-125-315/1600	160	3500	150 × 125	0–600	8–112
BRQ-EB-125-315/1850	185	3500	150 × 125	0–600	90–125
BRQ-EB-125-315/2000	200	3500	150 × 125	0–600	101–136
BRQ-EB-150-200/750	75	3500	200 × 150	0–660	30.5–50
BRQ-EB-150-200/900	90	3500	200 × 150	0–800	30–56

BRQ-EB / END SUCTION BARE SHAFT

Selection data

60 Hz / Performance range

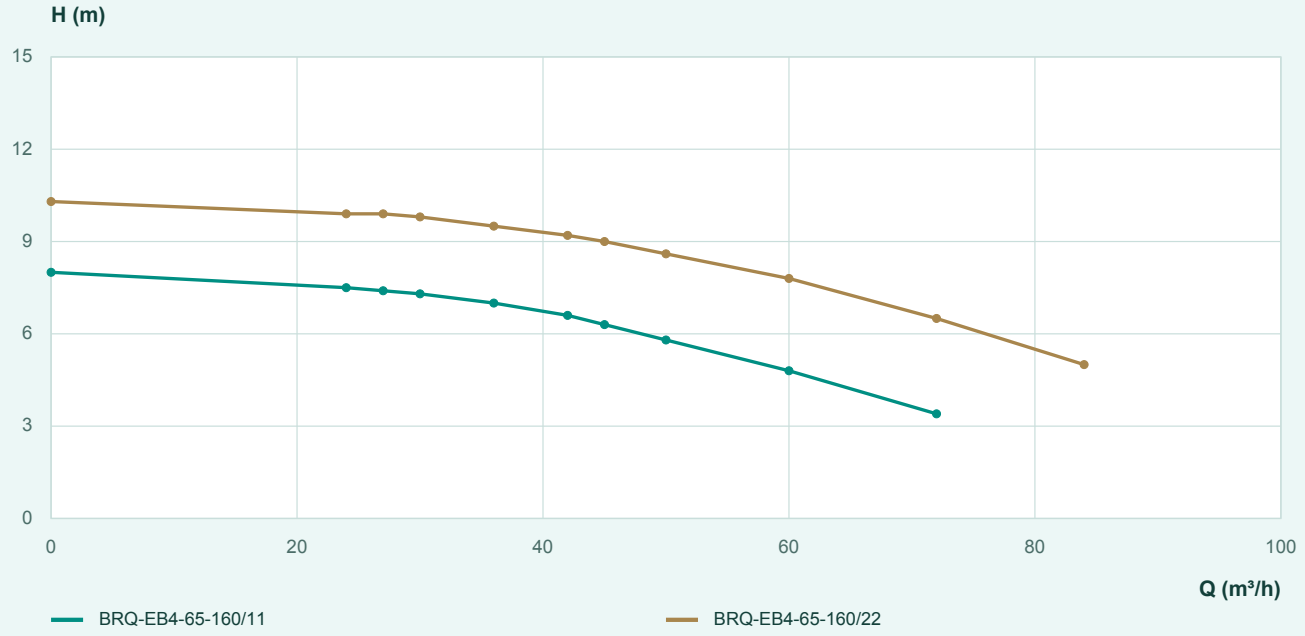
Model	Drive kW	Speed rpm	DN mm	Q range m³/h	H range m
BRQ-EB-150-200/1100	110	3500	200 × 150	0–800	42–65.2
BRQ-EB-150-200/1600	160	3500	200 × 150	0–800	54–77
BRQ-EB-150-250/1100	110	3500	200 × 150	0–800	37.8–67
BRQ-EB-150-250/1320	132	3500	200 × 150	0–1000	37.8–80.2
BRQ-EB-150-315/1850	185	3500	200 × 150	0–800	60–92
BRQ-EB-150-315/2500	250	3500	200 × 150	0–1000	62.2–111
BRQ-EB-150-315/2800	280	3500	200 × 150	0–1000	73.6–124
BRQ-EB-150-315/3150	315	3500	200 × 150	0–1000	85–135

BRQ-EB / END SUCTION BARE SHAFT

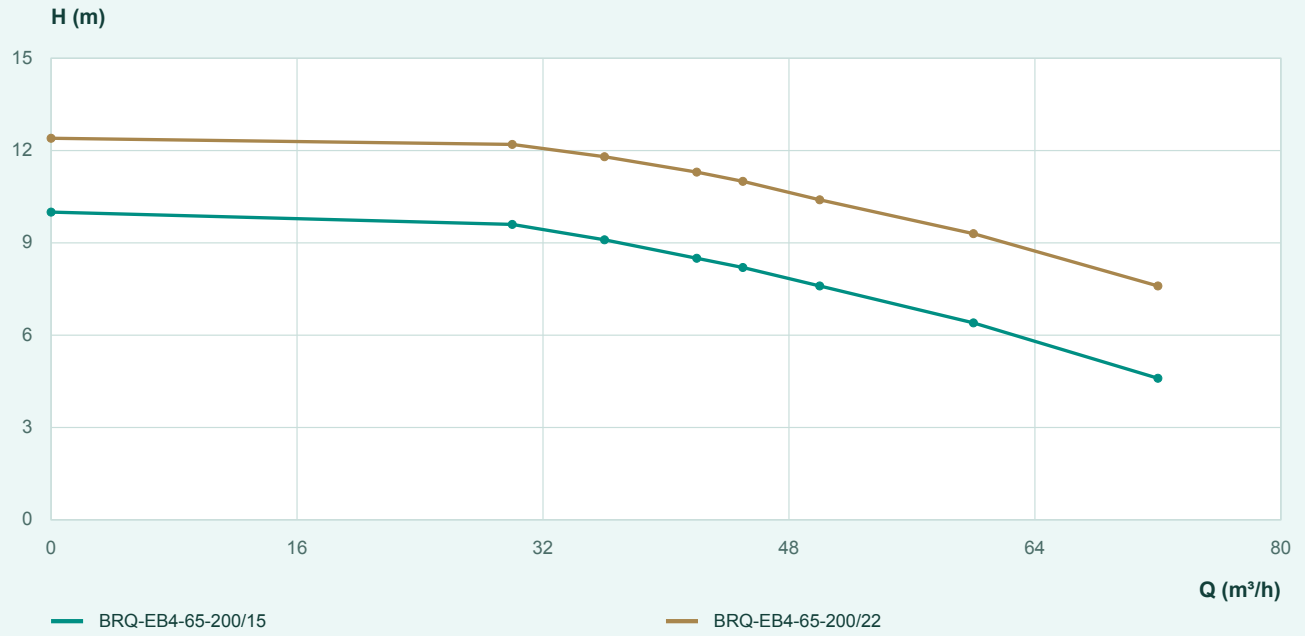
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

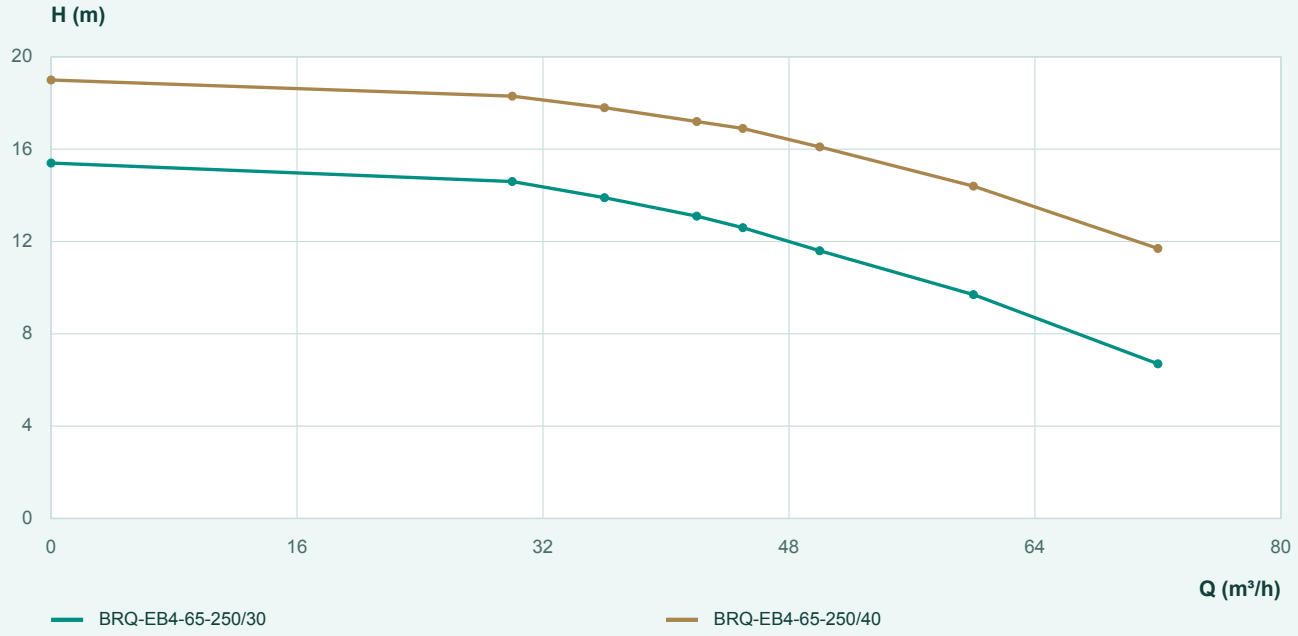


BRQ-EB / END SUCTION BARE SHAFT

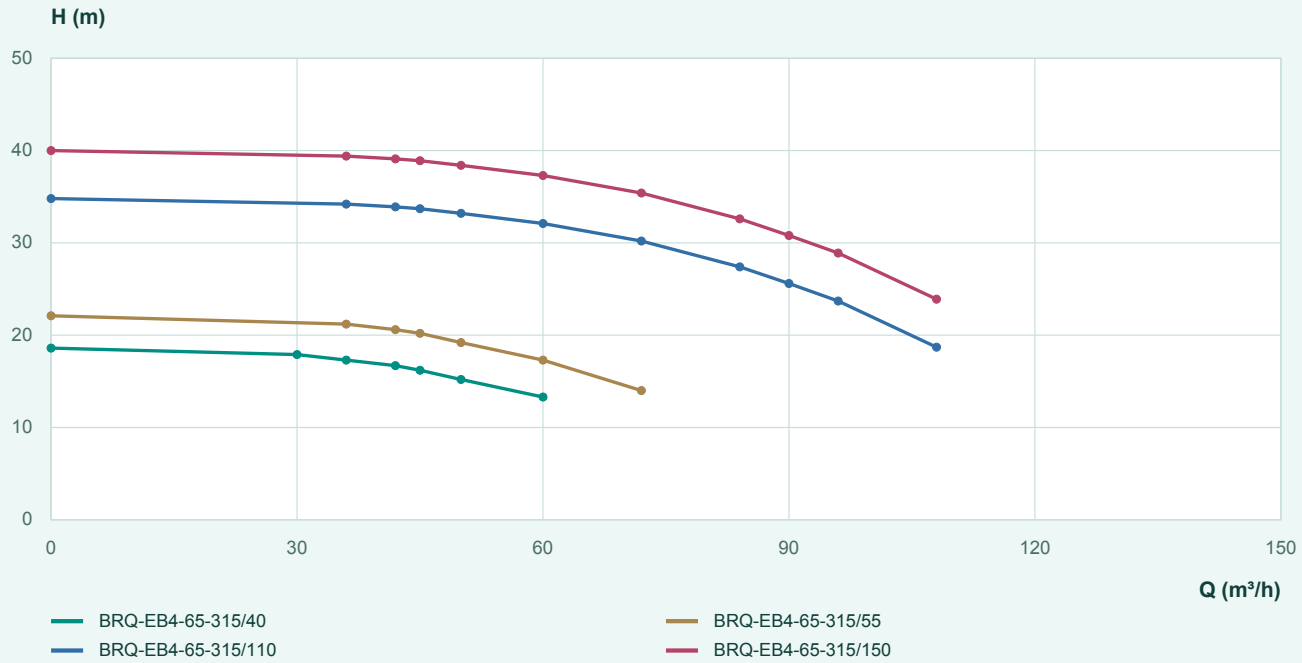
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

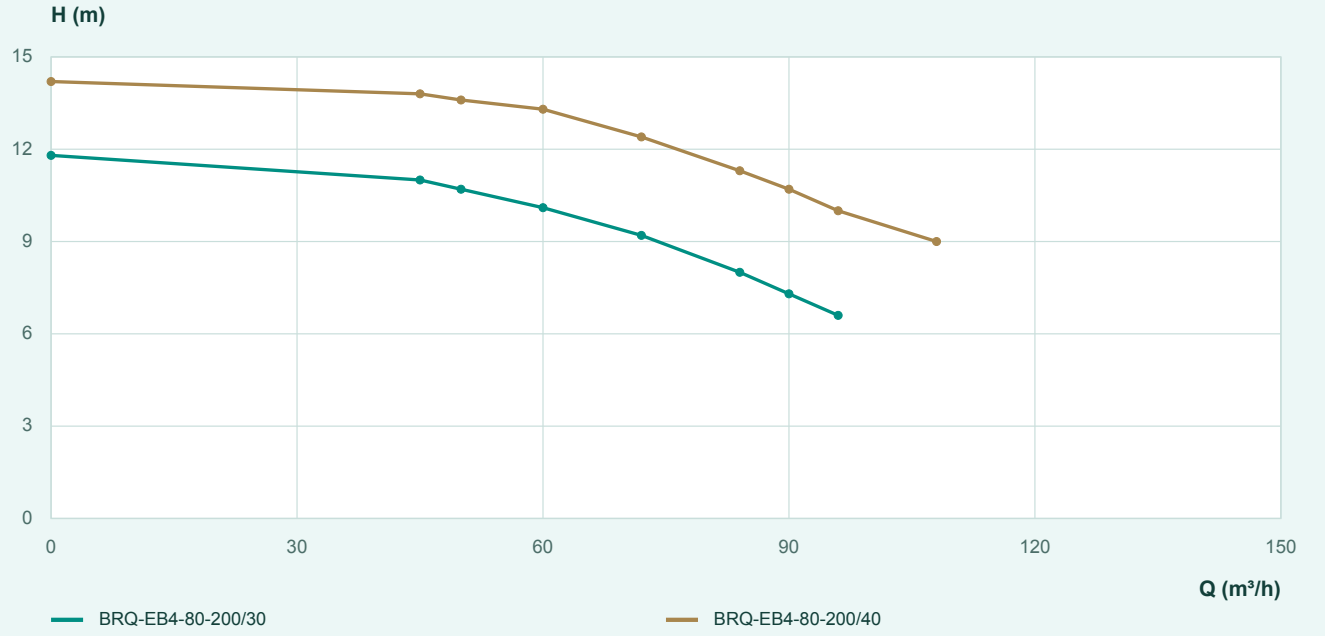


BRQ-EB / END SUCTION BARE SHAFT

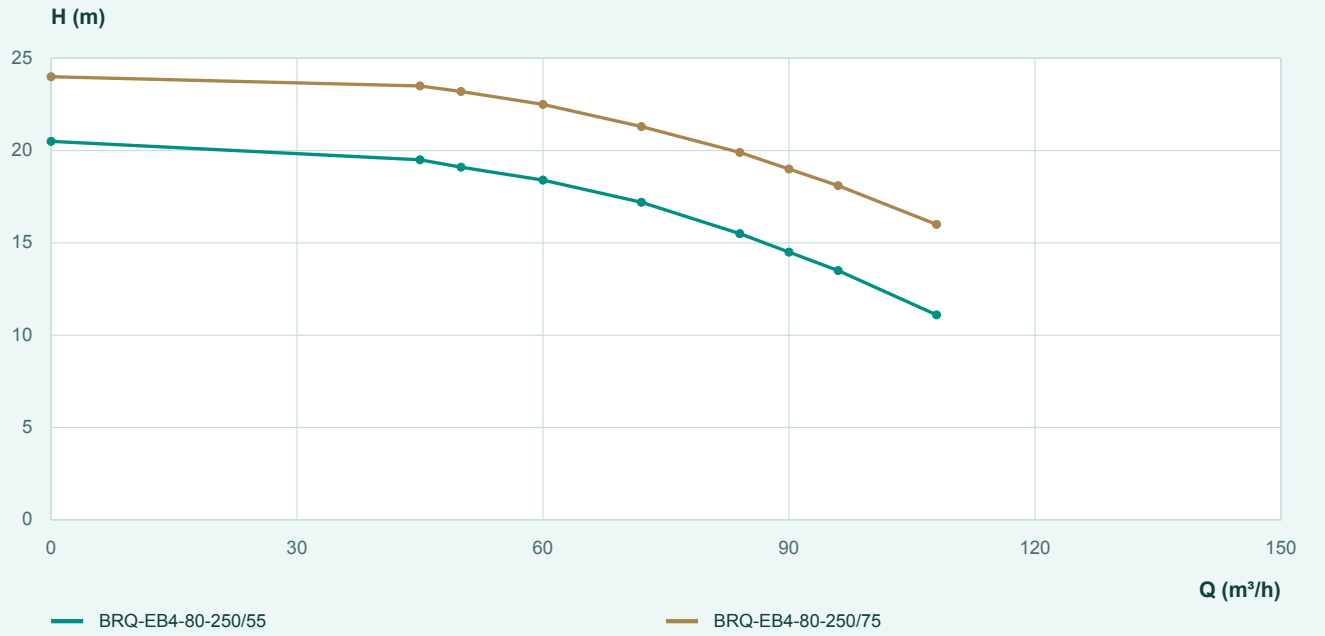
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

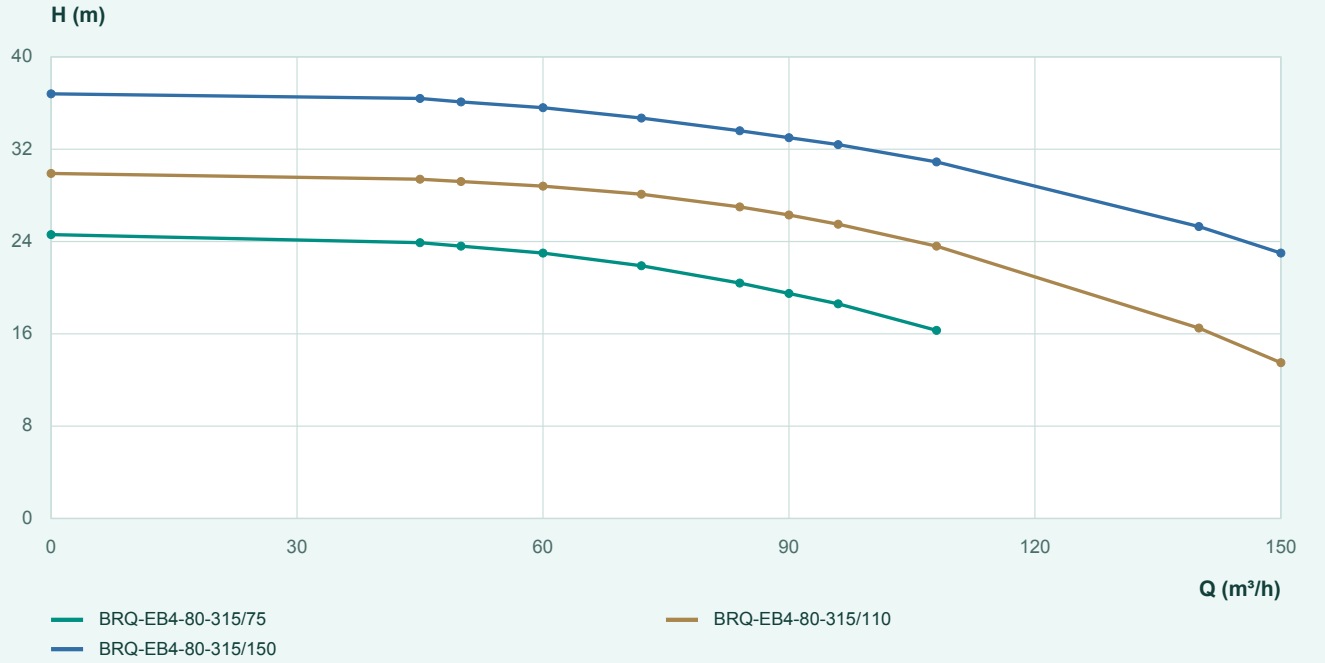


BRQ-EB / END SUCTION BARE SHAFT

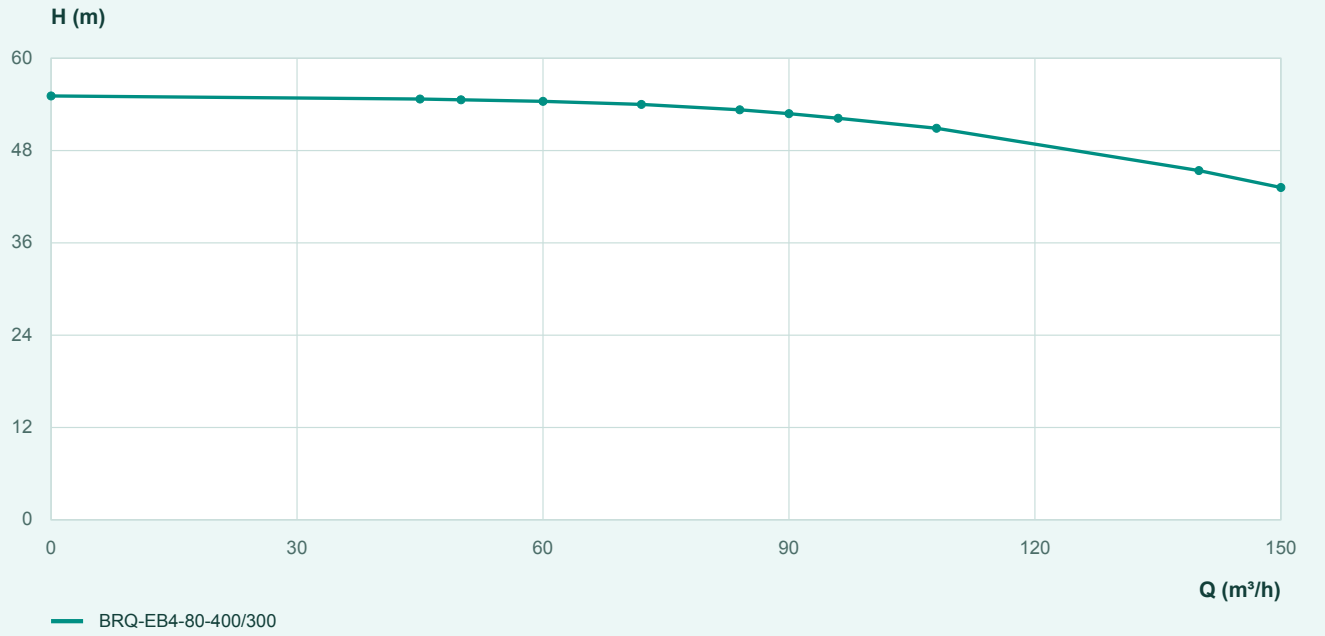
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

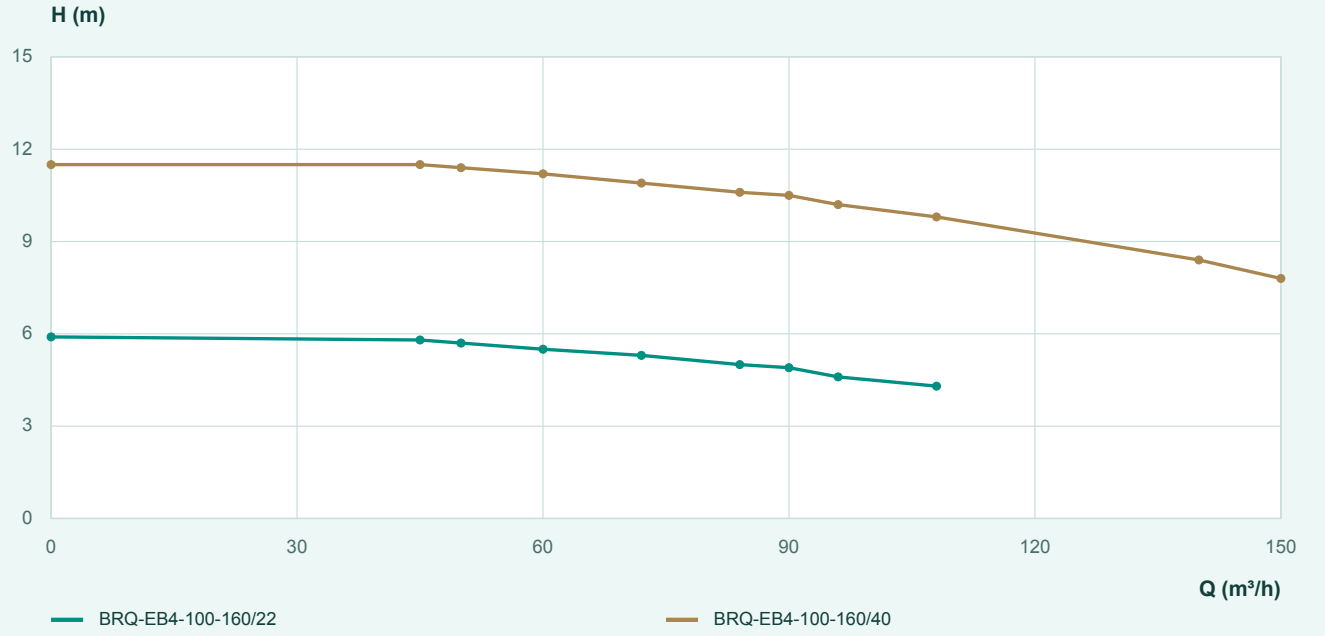


BRQ-EB / END SUCTION BARE SHAFT

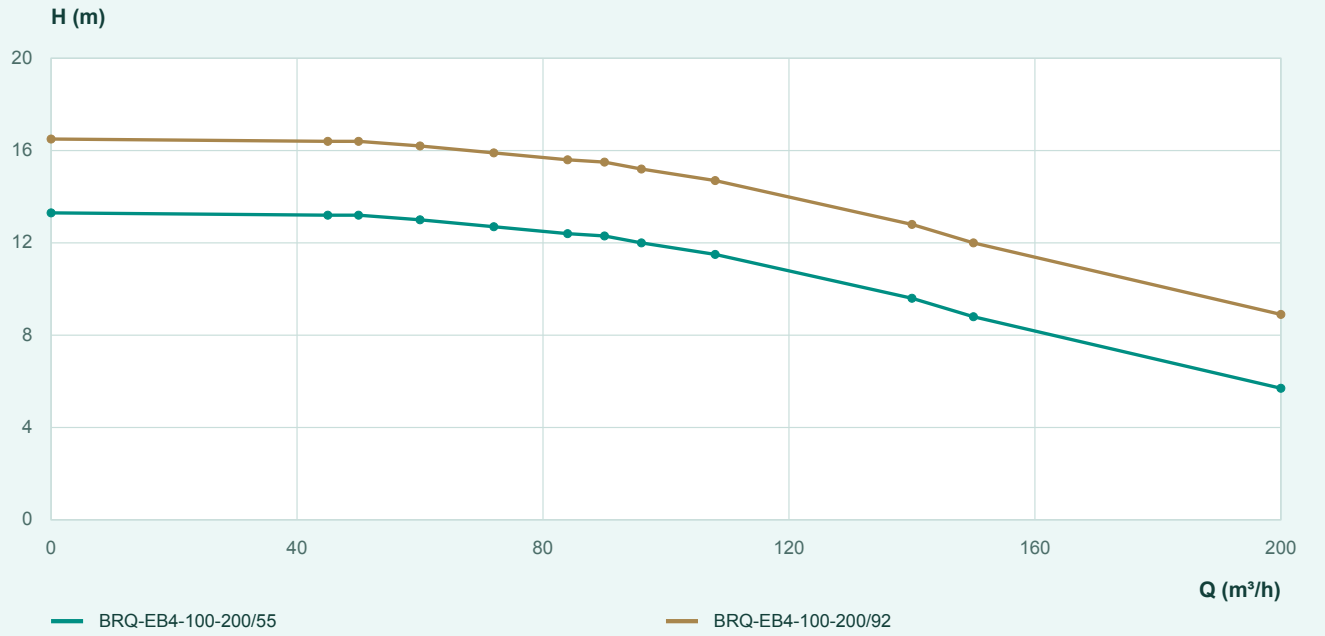
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

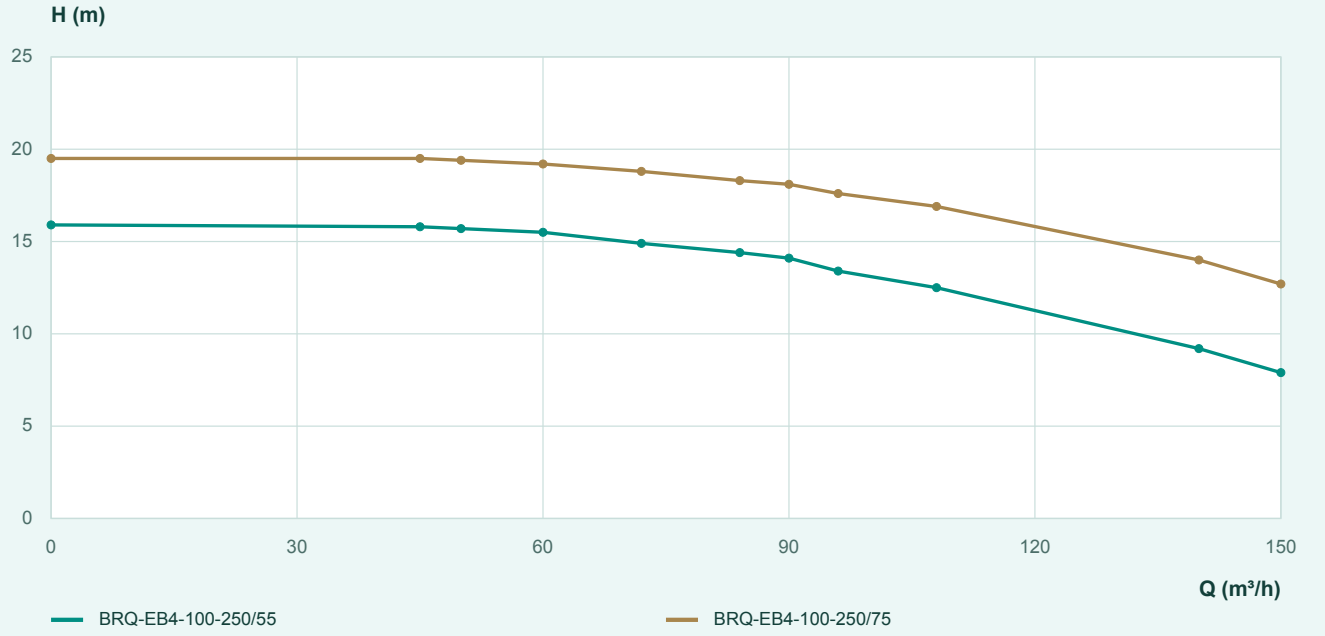


BRQ-EB / END SUCTION BARE SHAFT

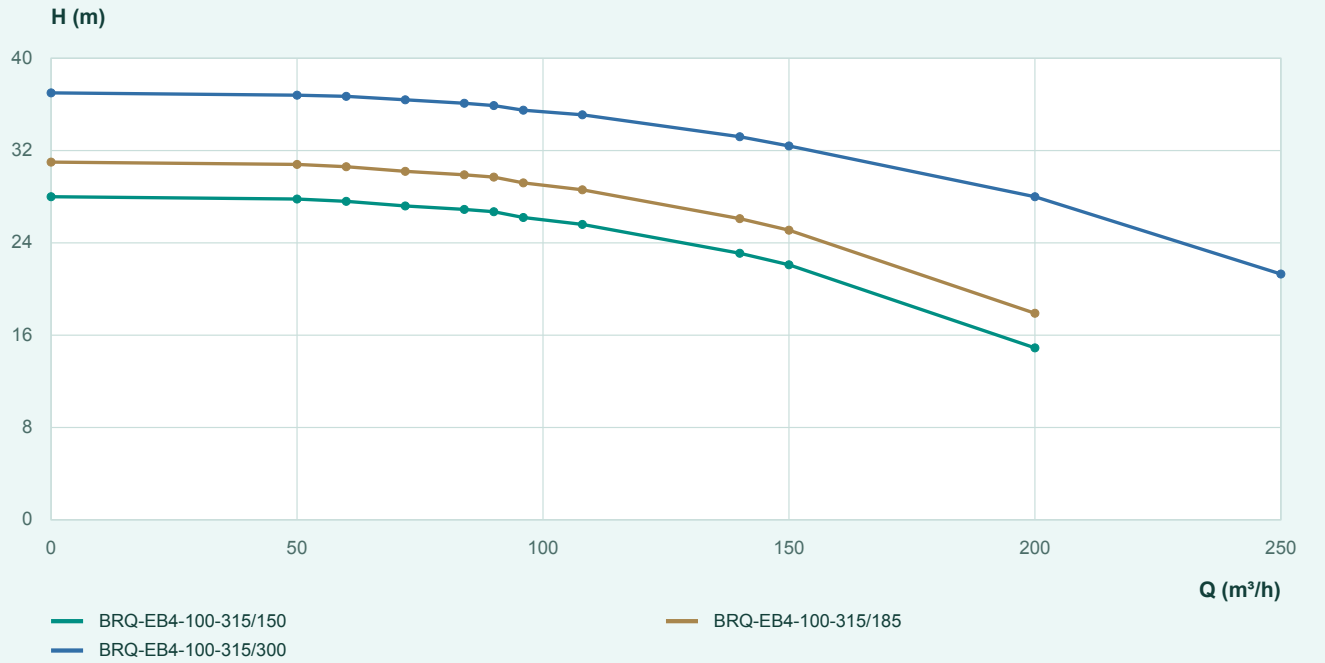
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

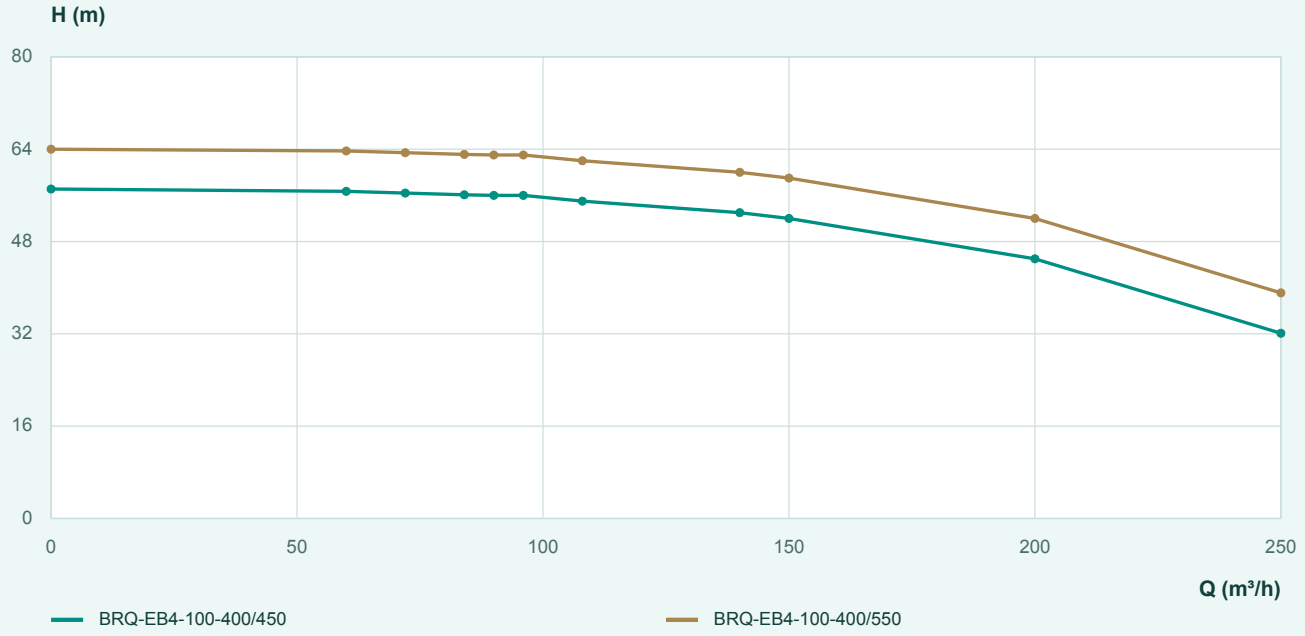


BRQ-EB / END SUCTION BARE SHAFT

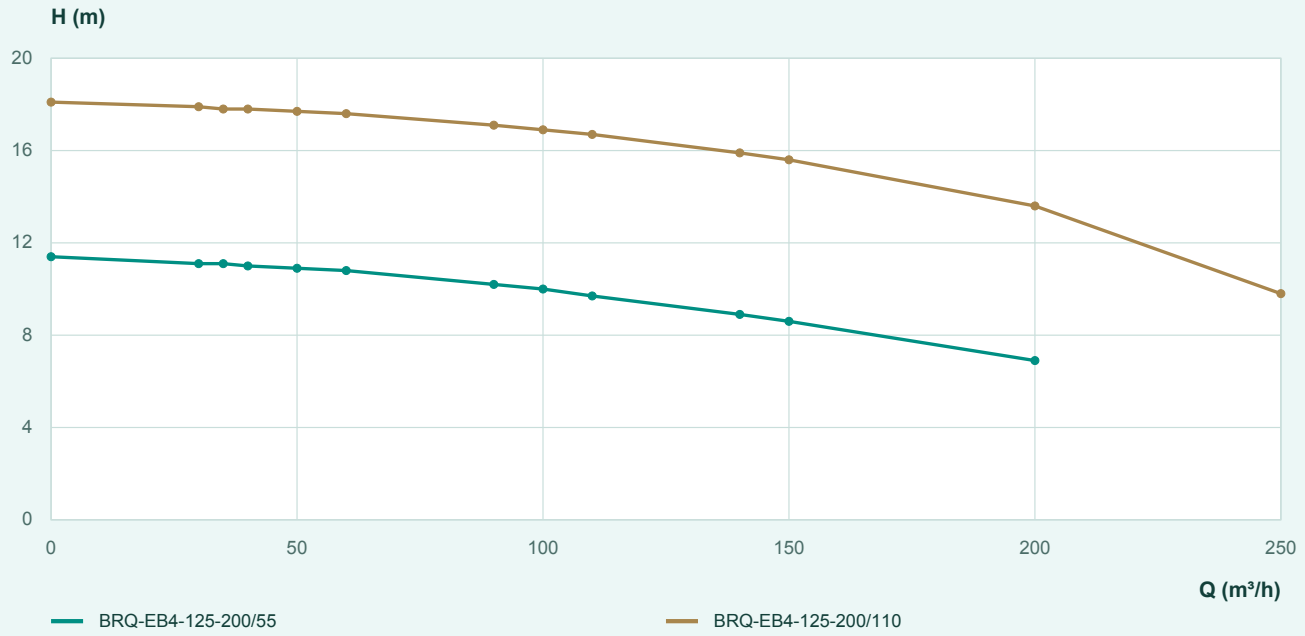
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

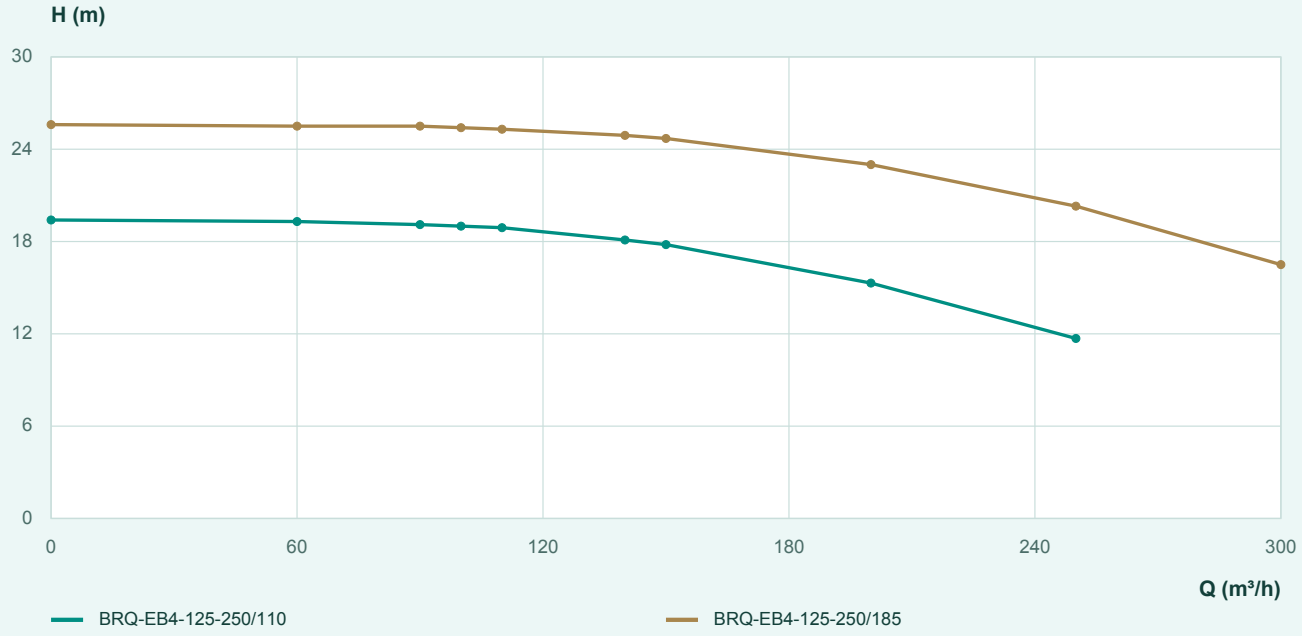


BRQ-EB / END SUCTION BARE SHAFT

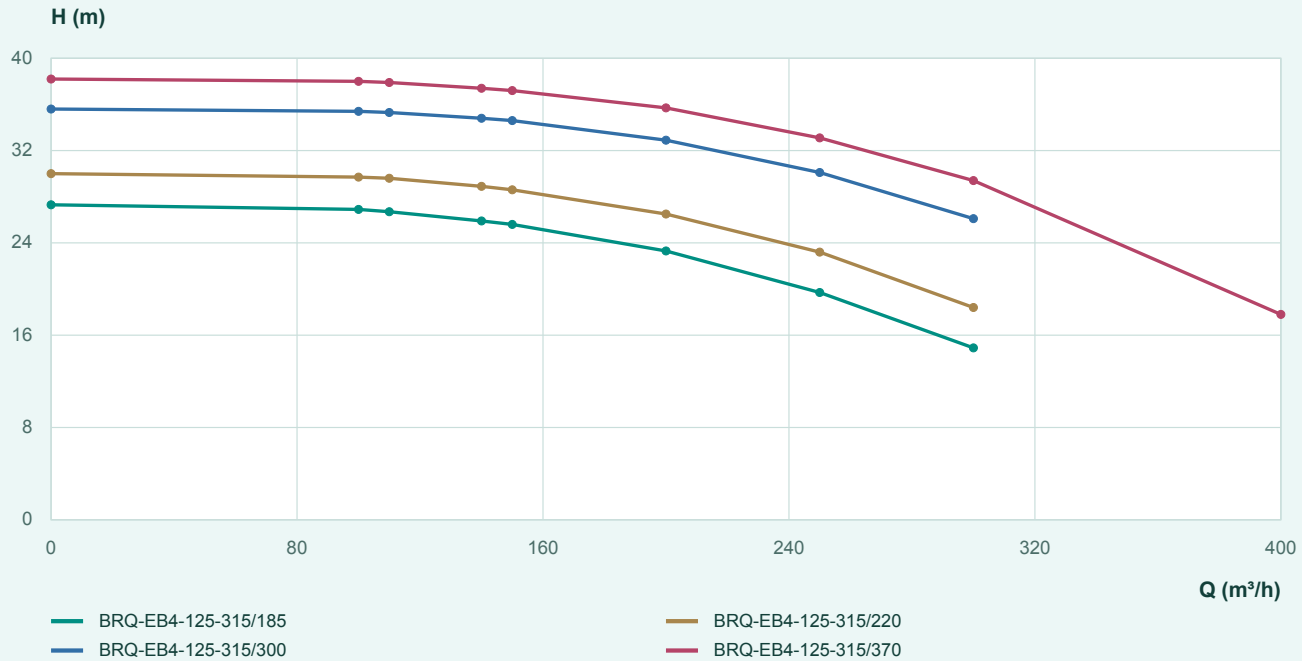
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

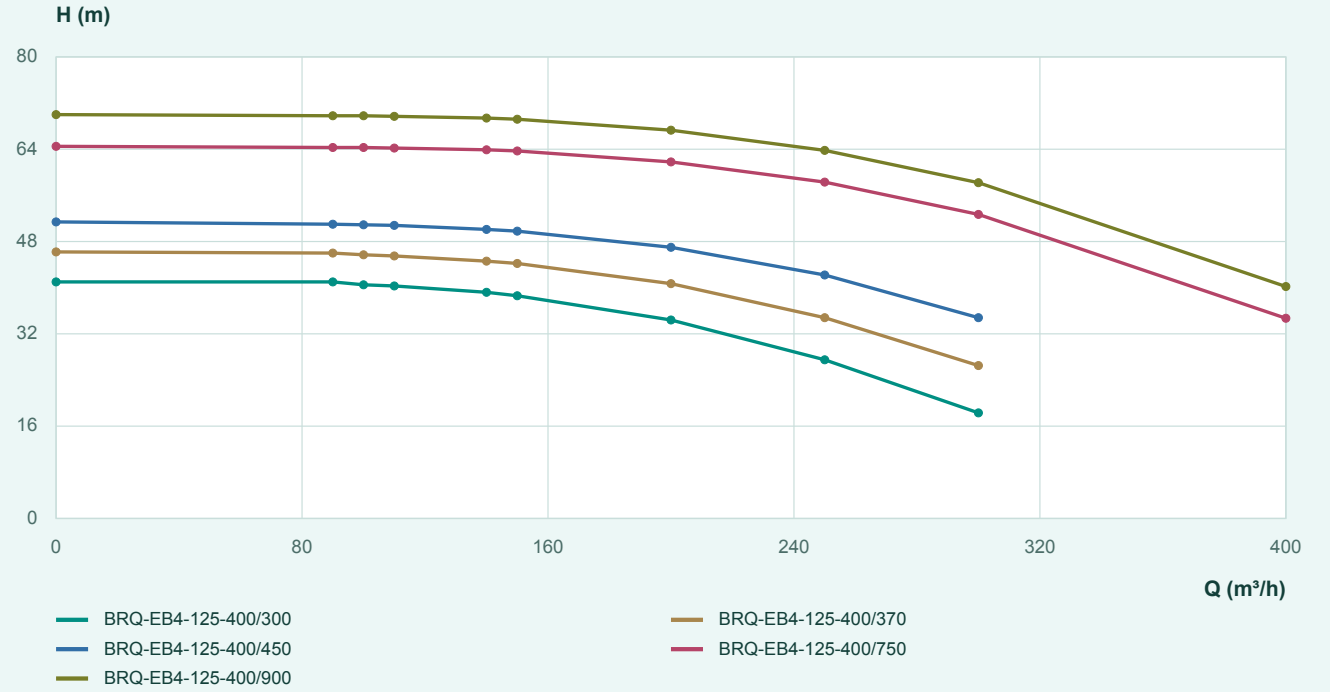


BRQ-EB / END SUCTION BARE SHAFT

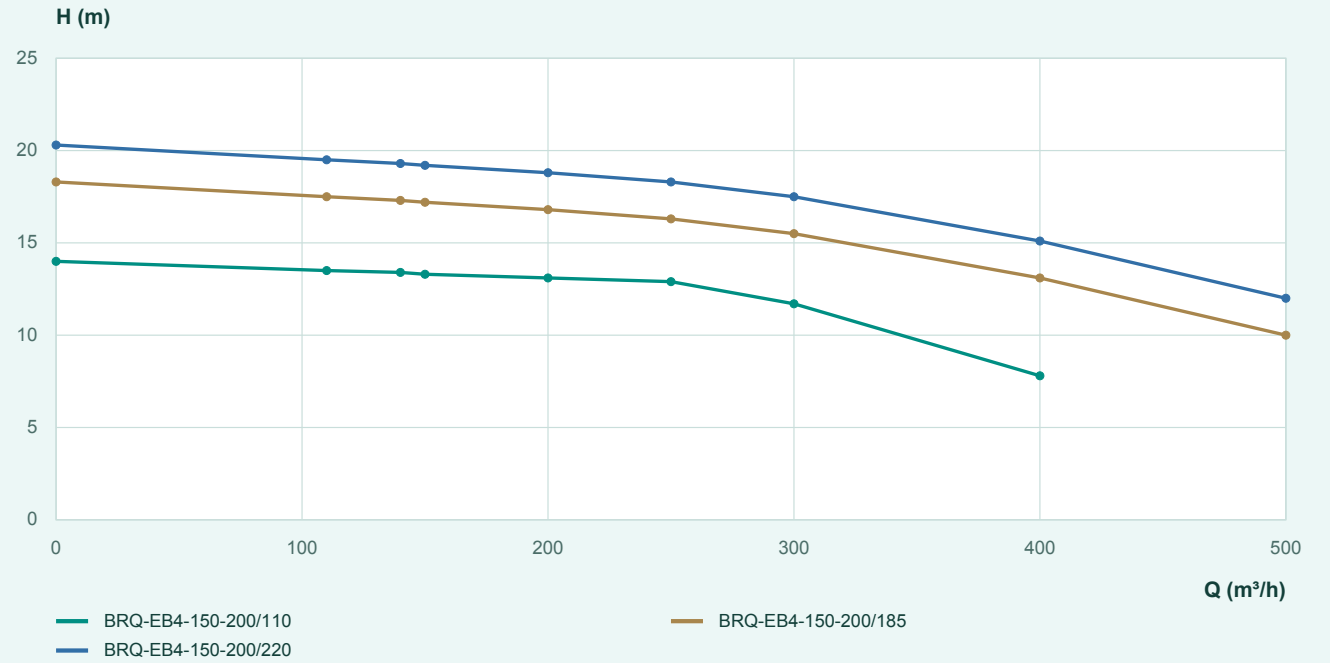
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

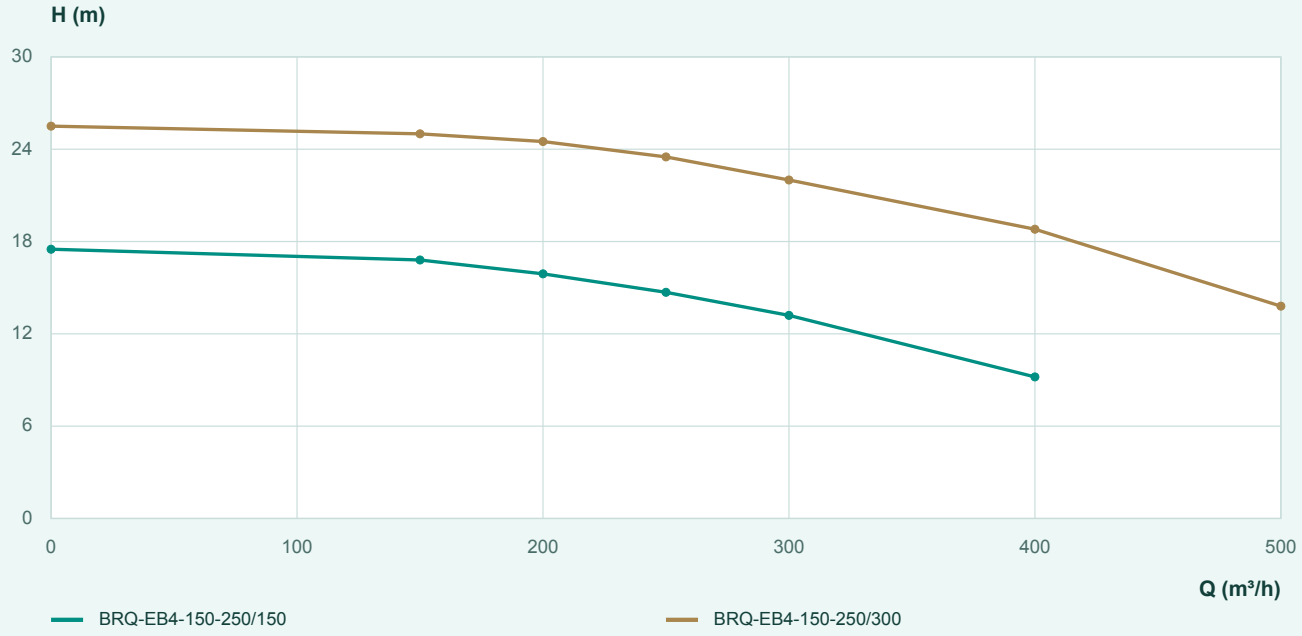


BRQ-EB / END SUCTION BARE SHAFT

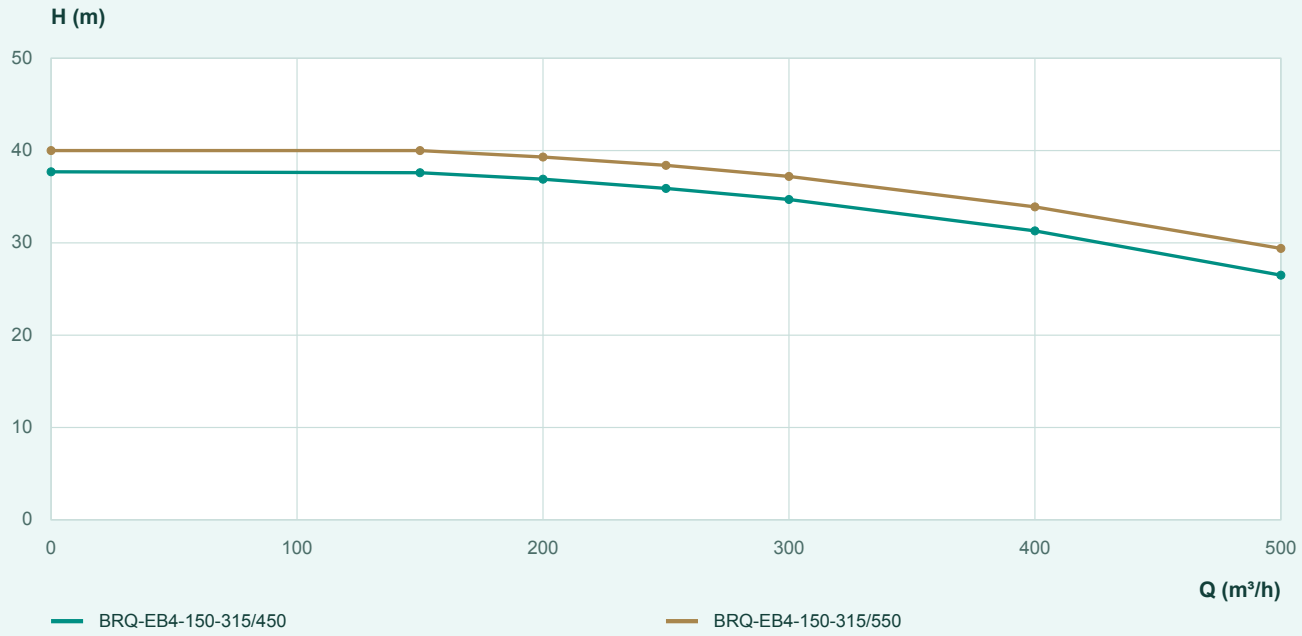
Performance characteristics

60 Hz / Flow and head

1750 rpm



1750 rpm

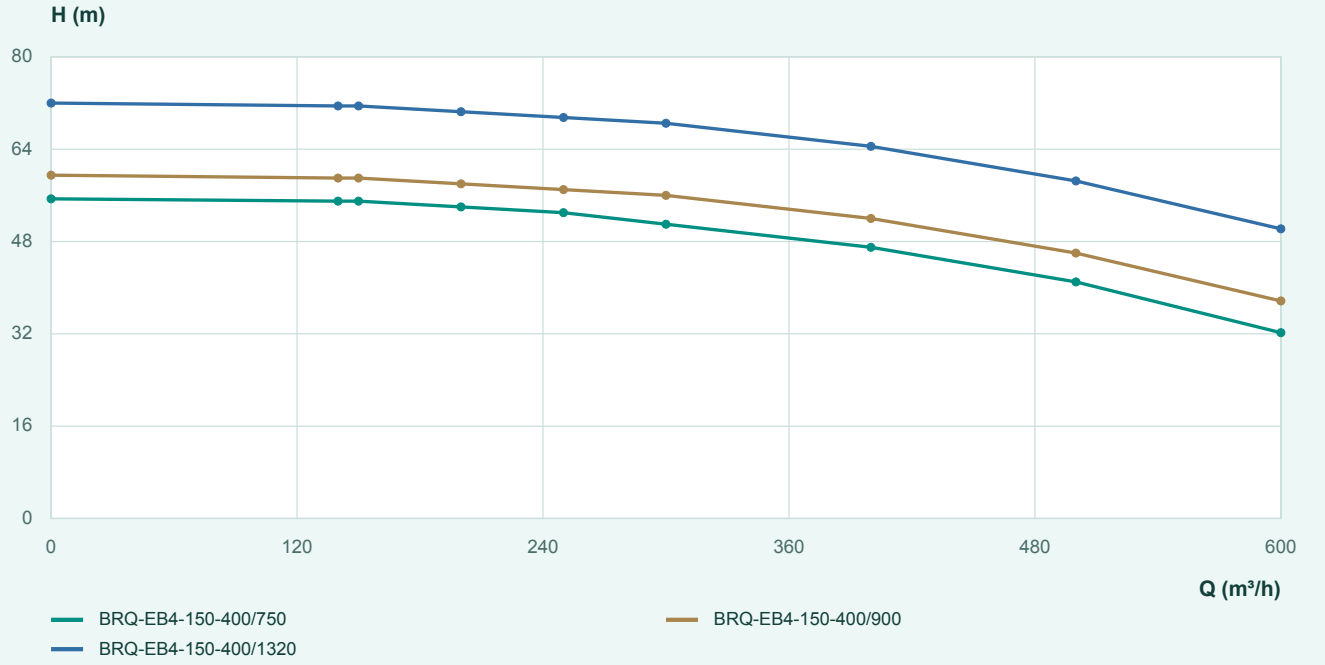


BRQ-EB / END SUCTION BARE SHAFT

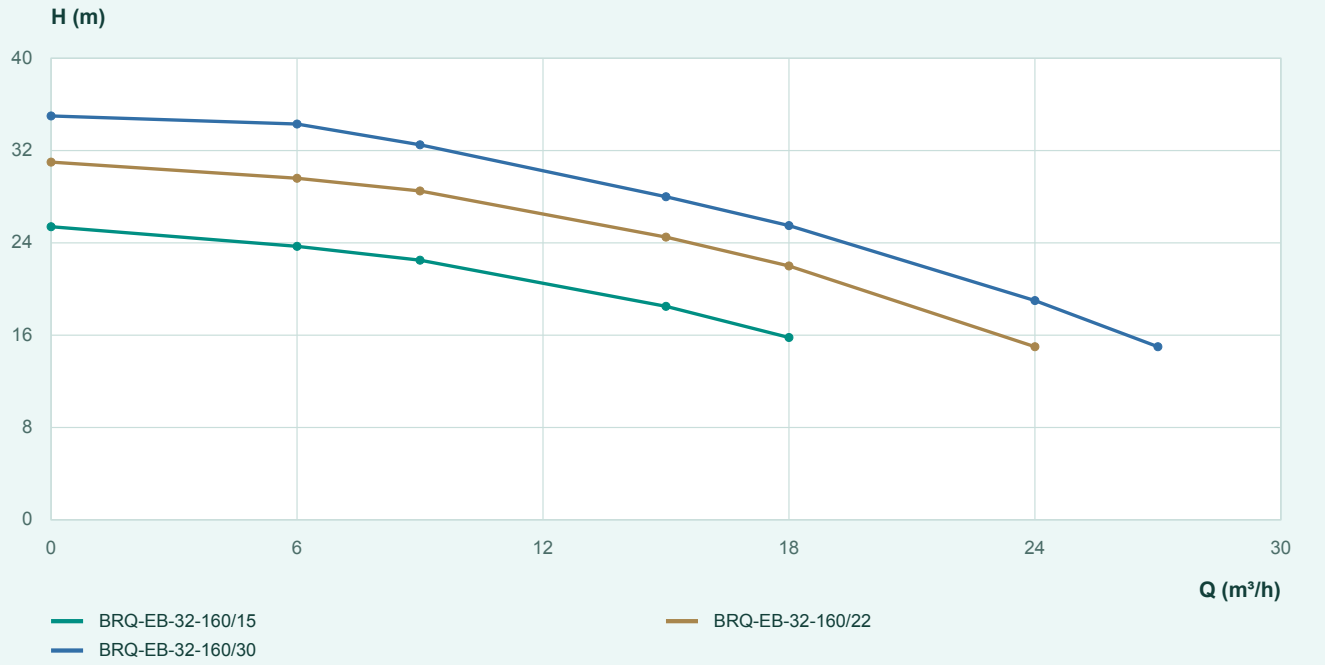
Performance characteristics

60 Hz / Flow and head

1750 rpm



3500 rpm

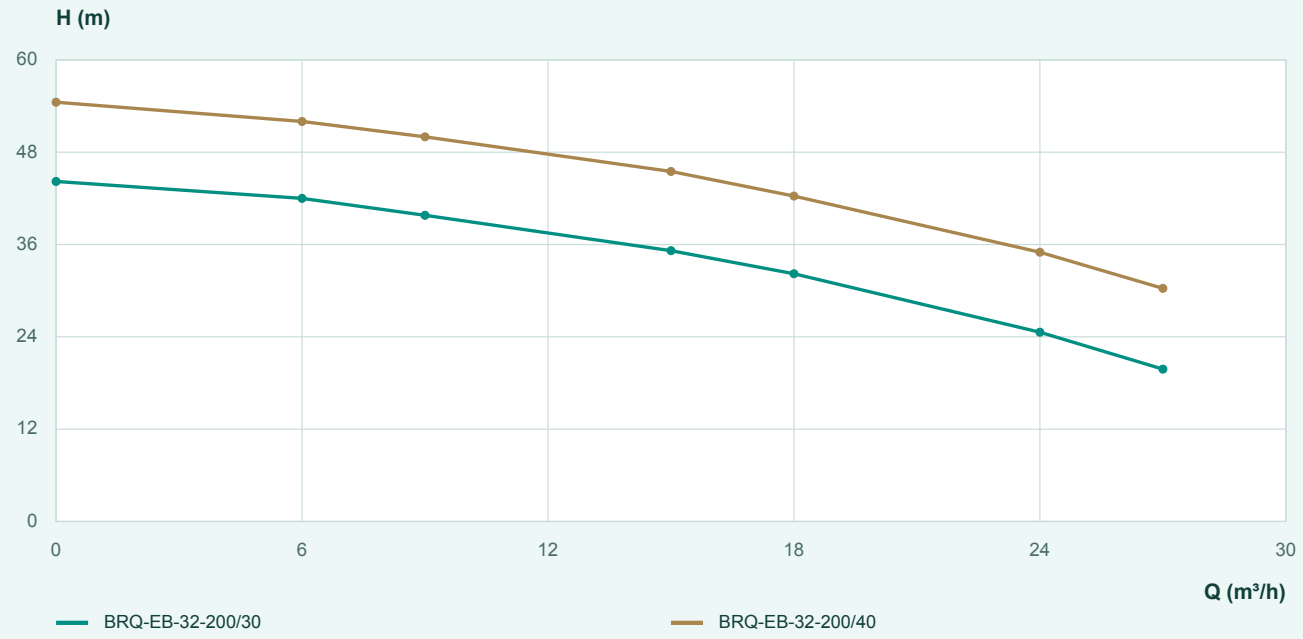


BRQ-EB / END SUCTION BARE SHAFT

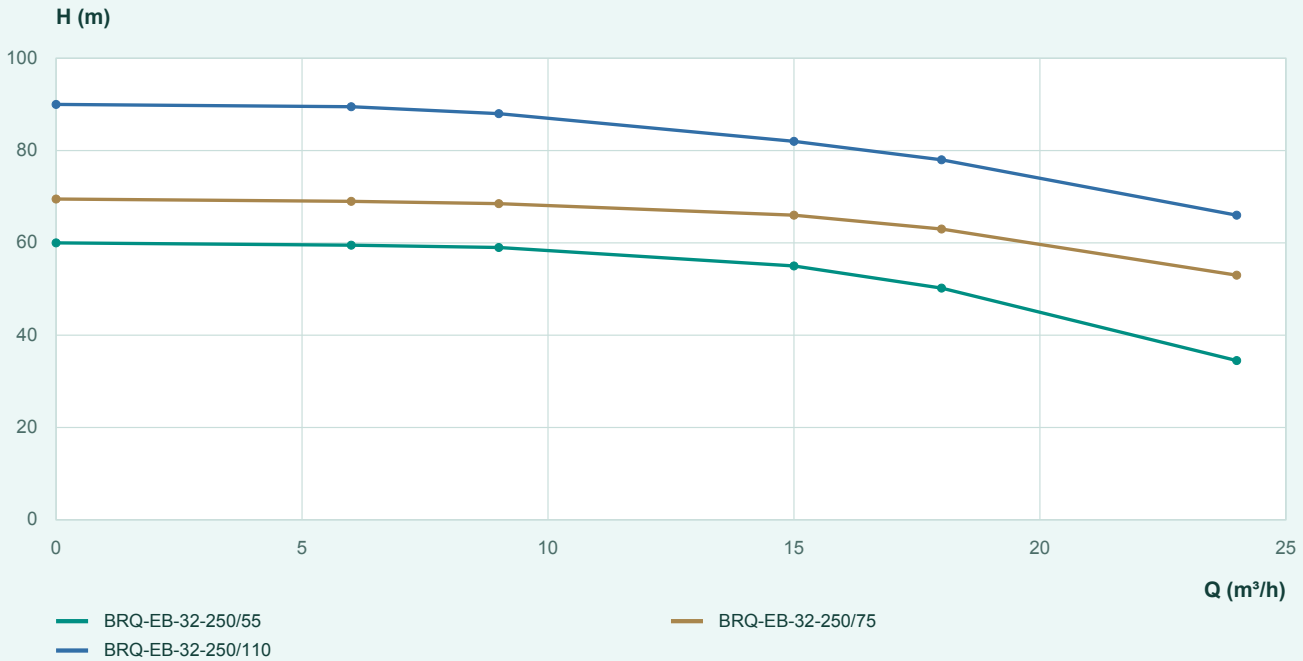
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm



BRQ-EB / END SUCTION BARE SHAFT

Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

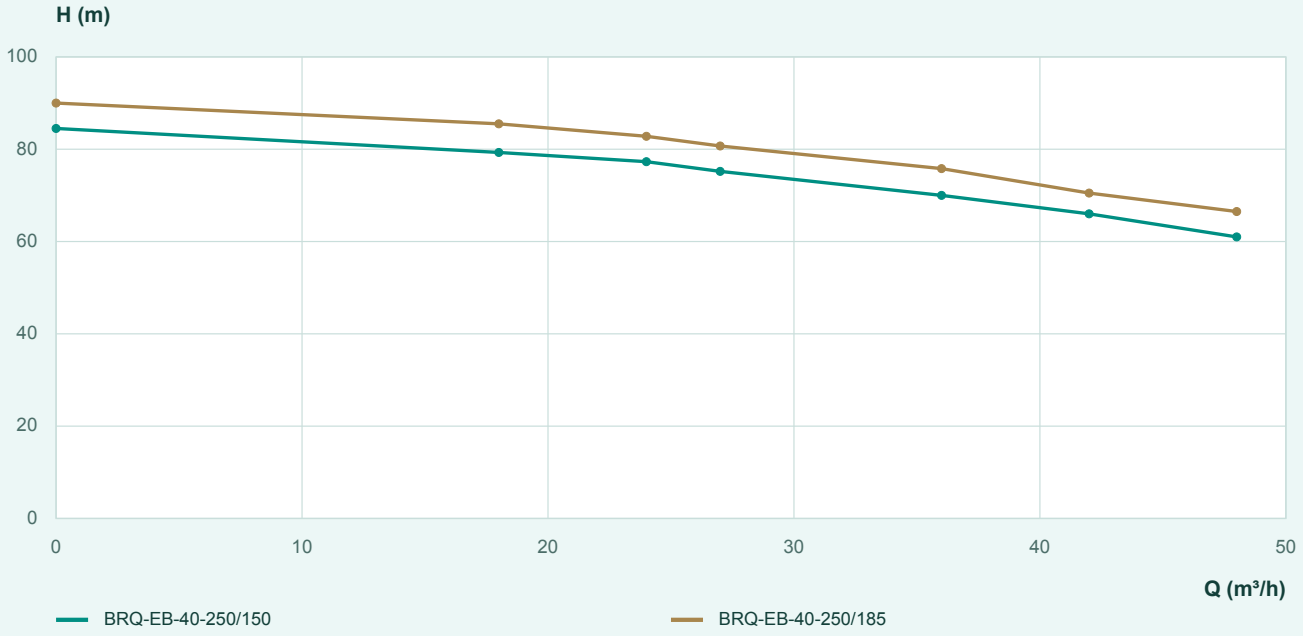


BRQ-EB / END SUCTION BARE SHAFT

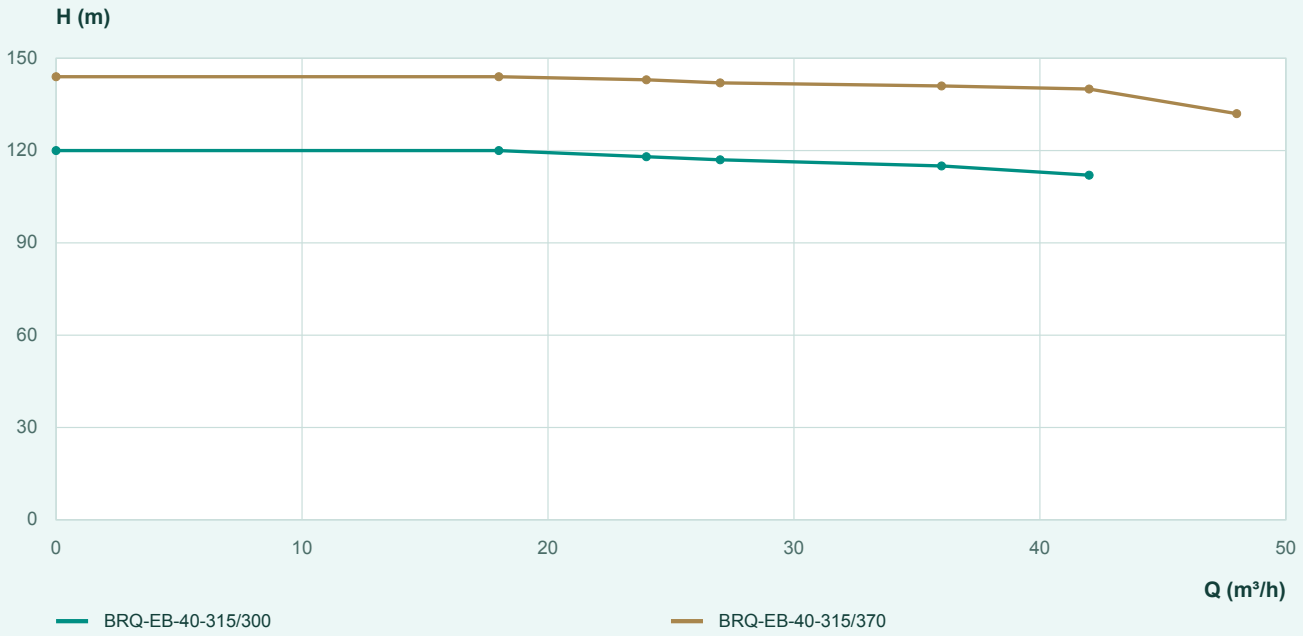
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

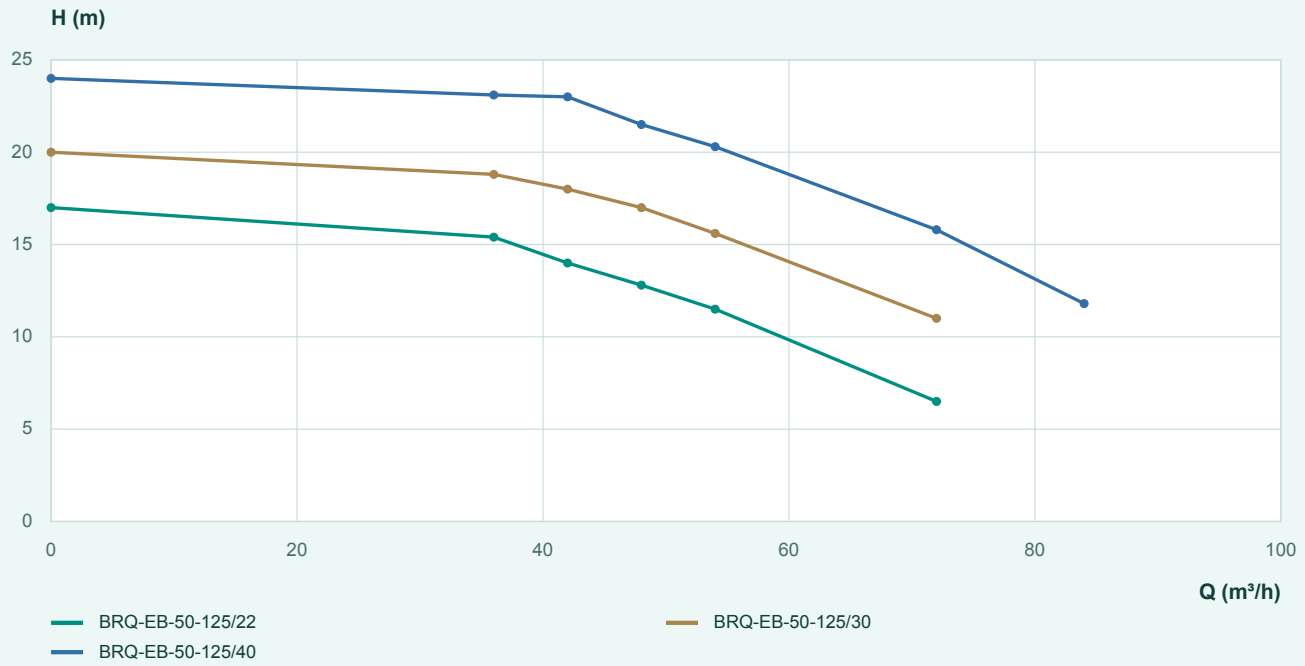


BRQ-EB / END SUCTION BARE SHAFT

Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

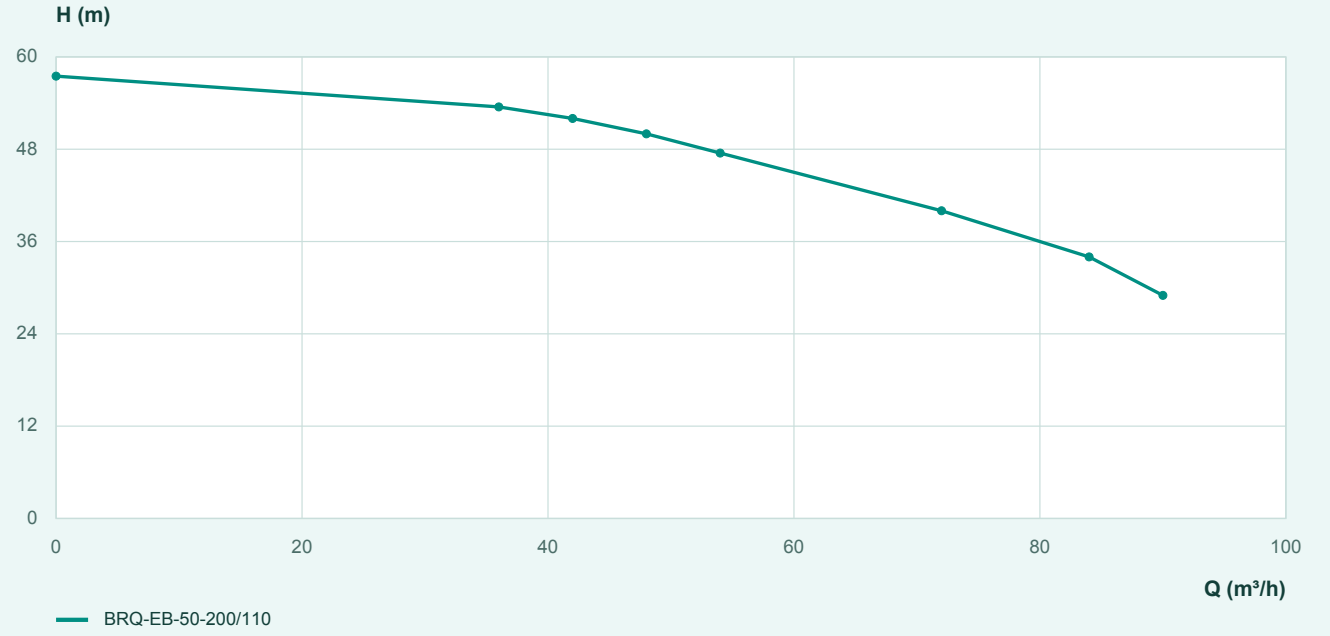


BRQ-EB / END SUCTION BARE SHAFT

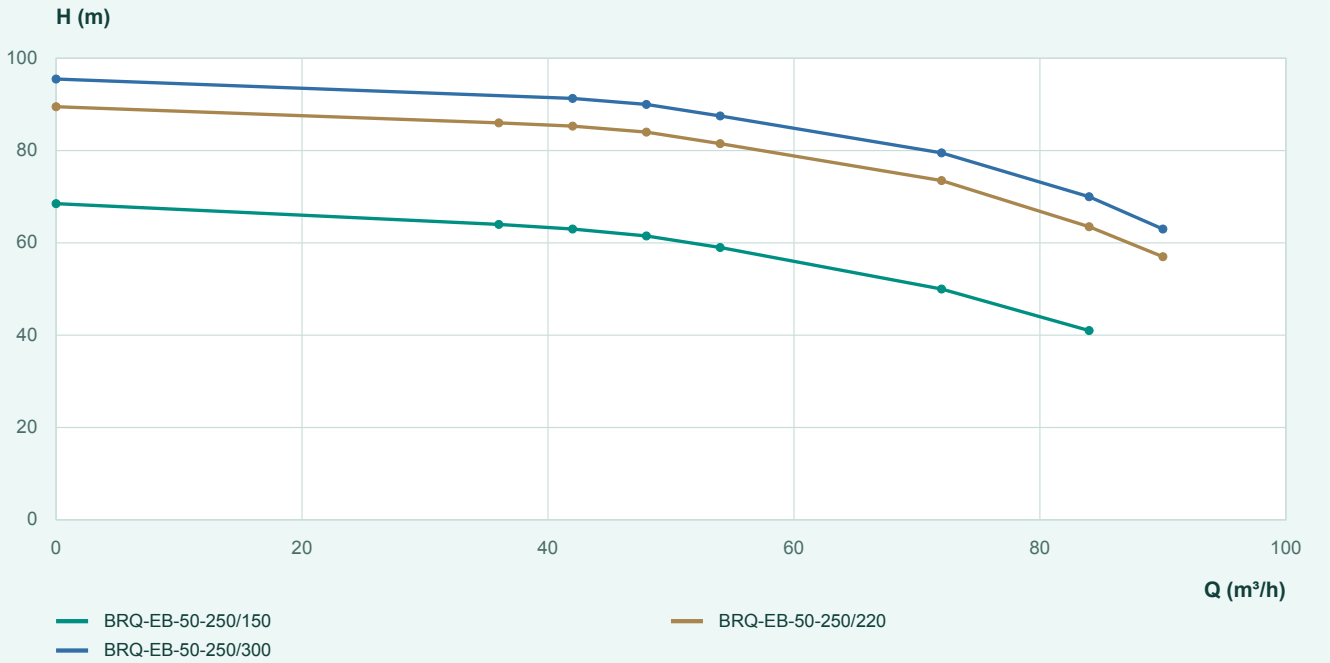
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

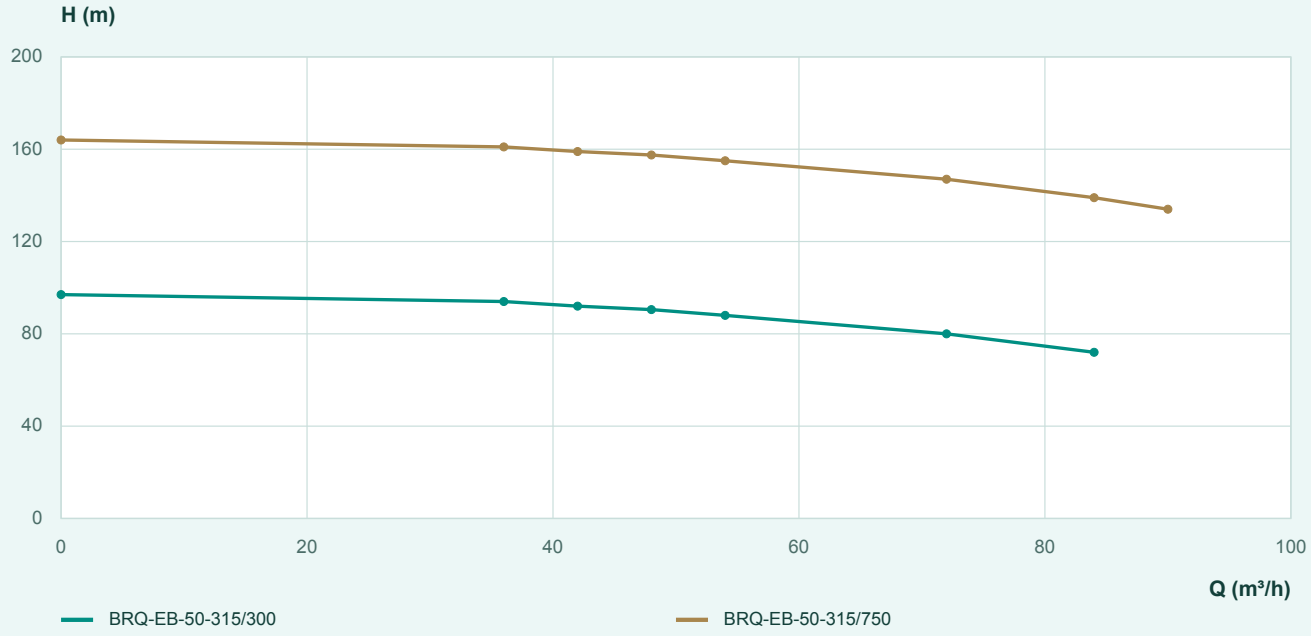


BRQ-EB / END SUCTION BARE SHAFT

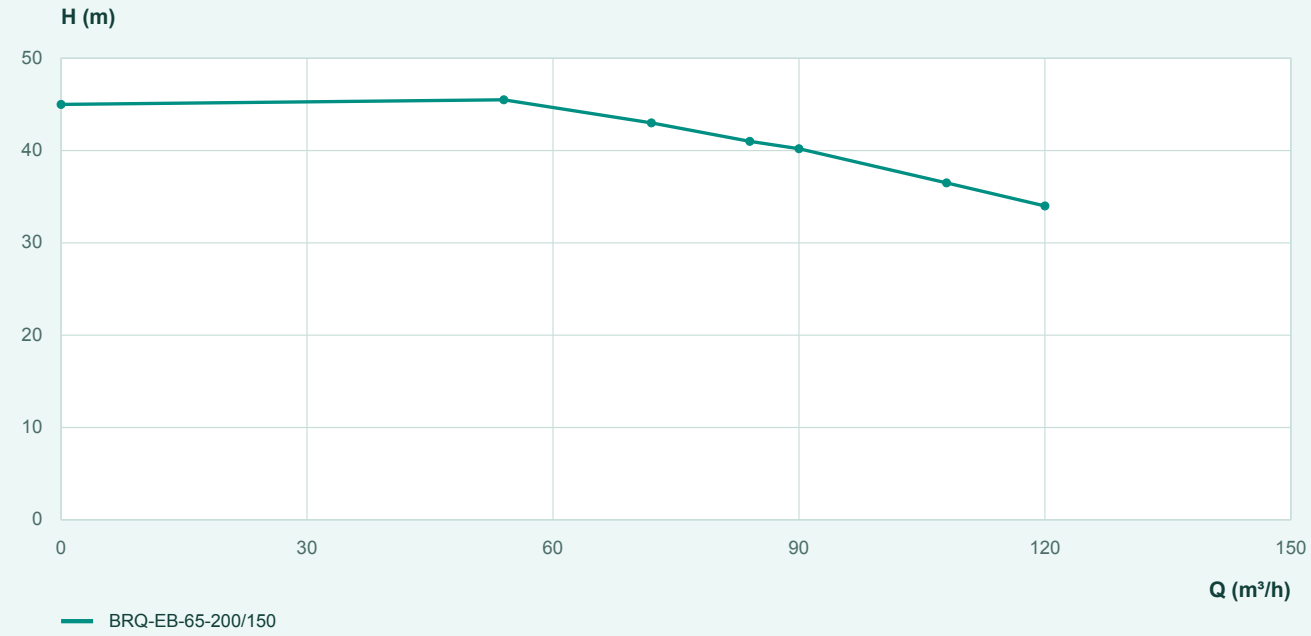
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm



BRQ-EB / END SUCTION BARE SHAFT

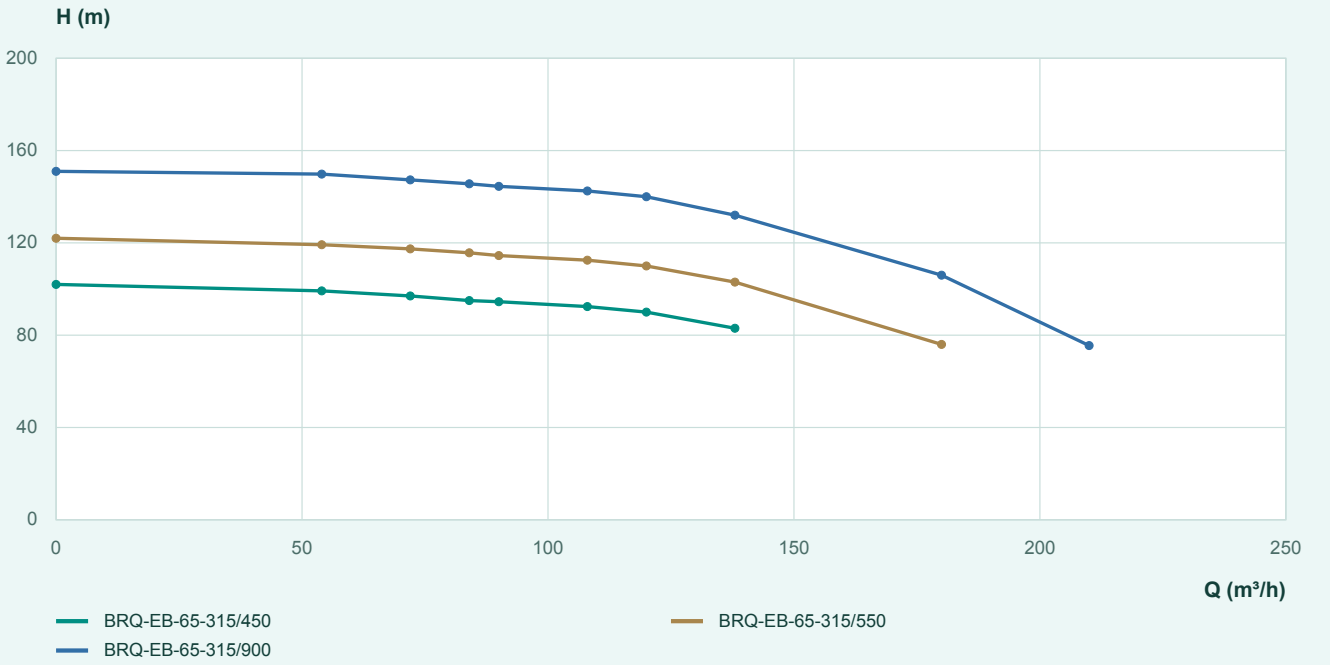
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

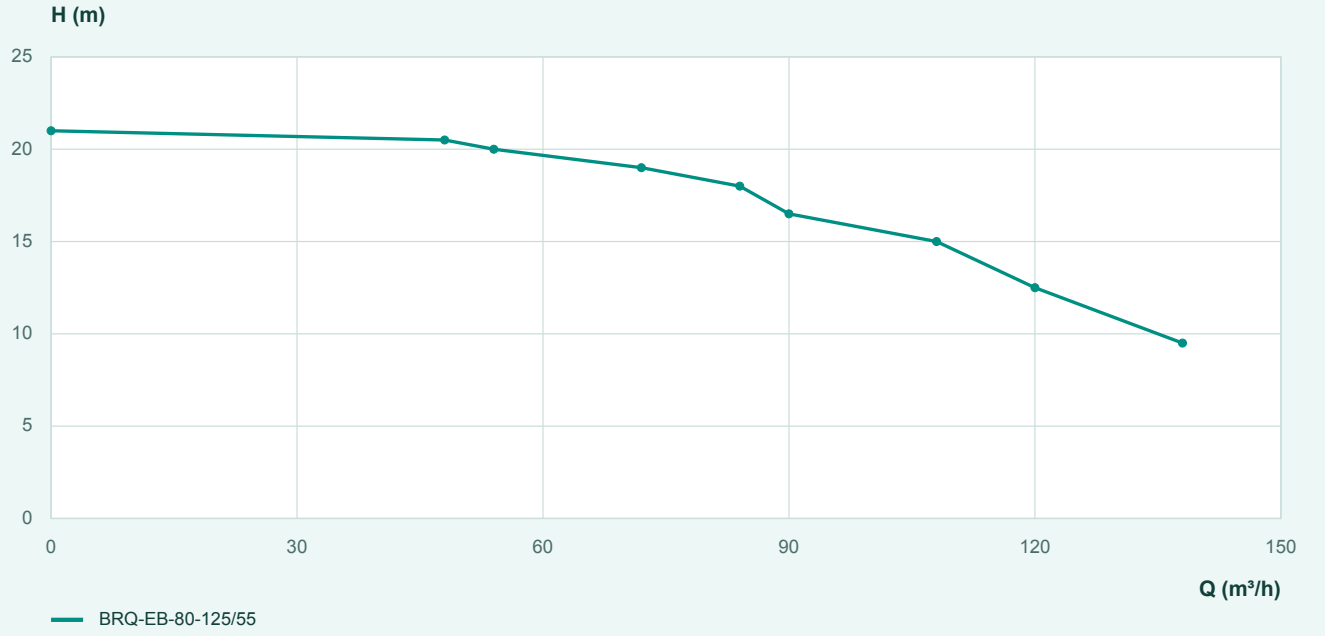


BRQ-EB / END SUCTION BARE SHAFT

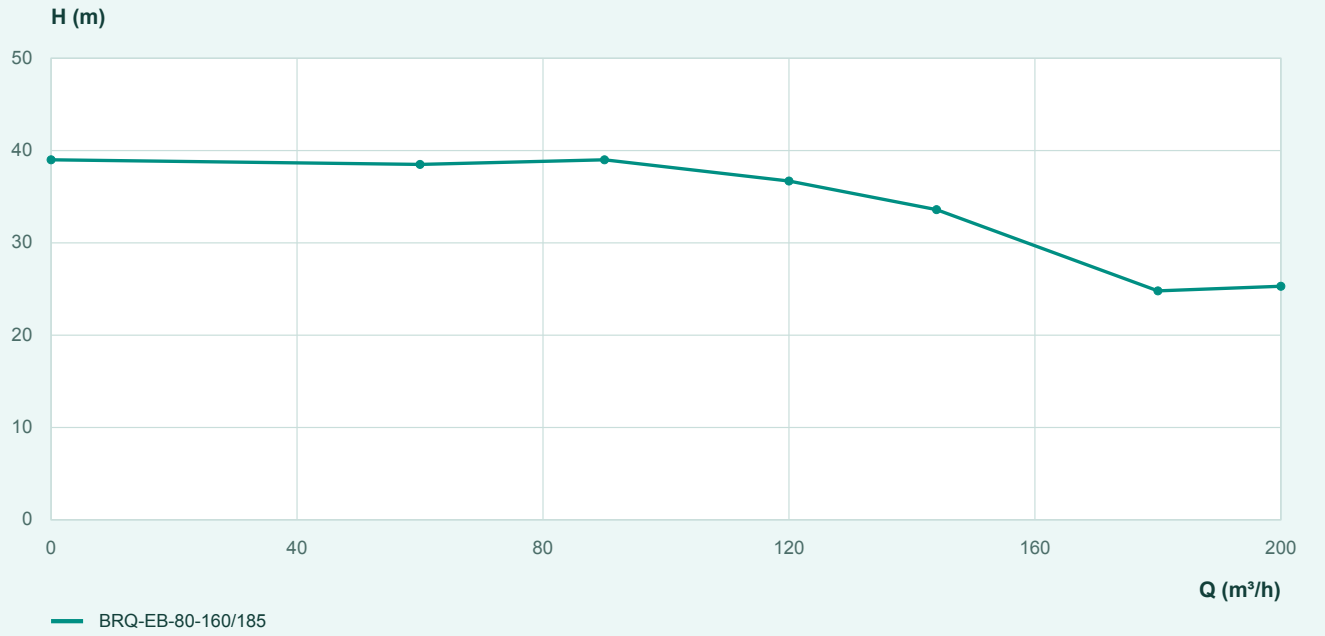
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

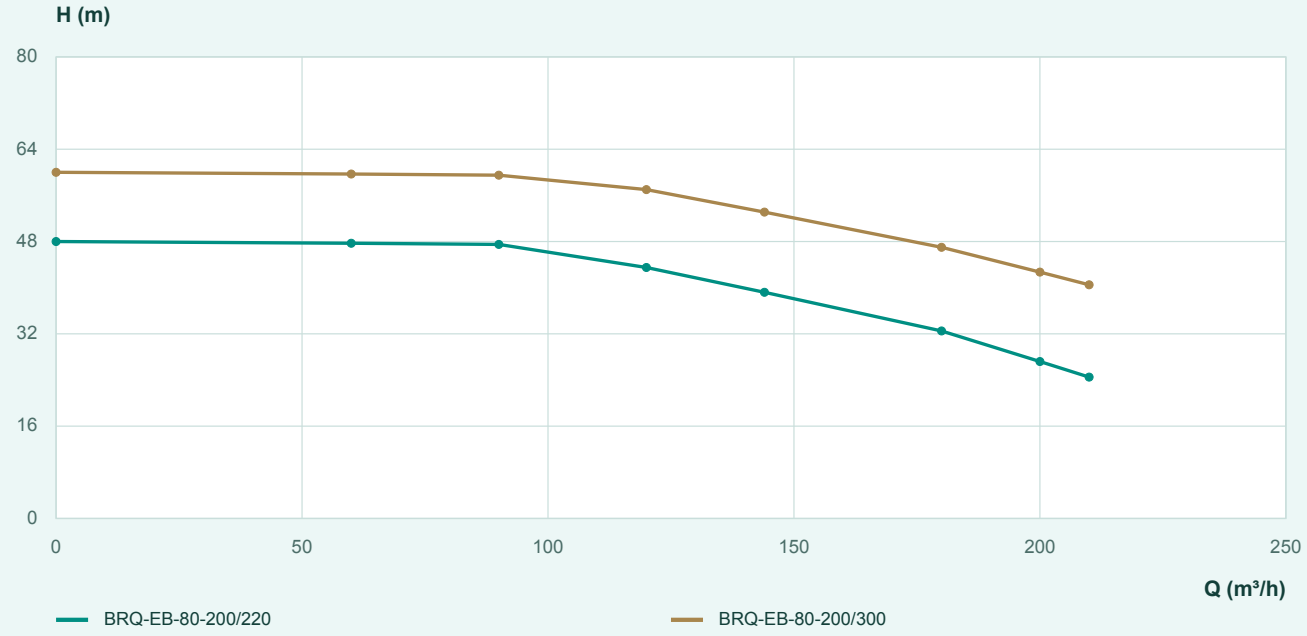


BRQ-EB / END SUCTION BARE SHAFT

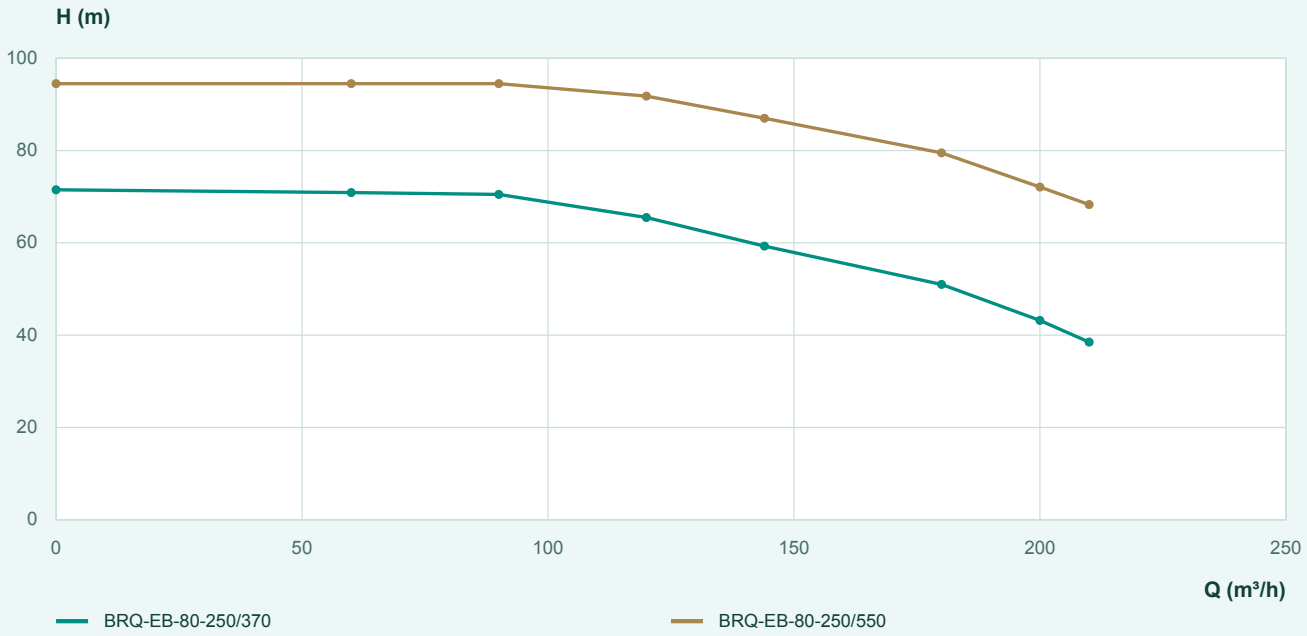
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

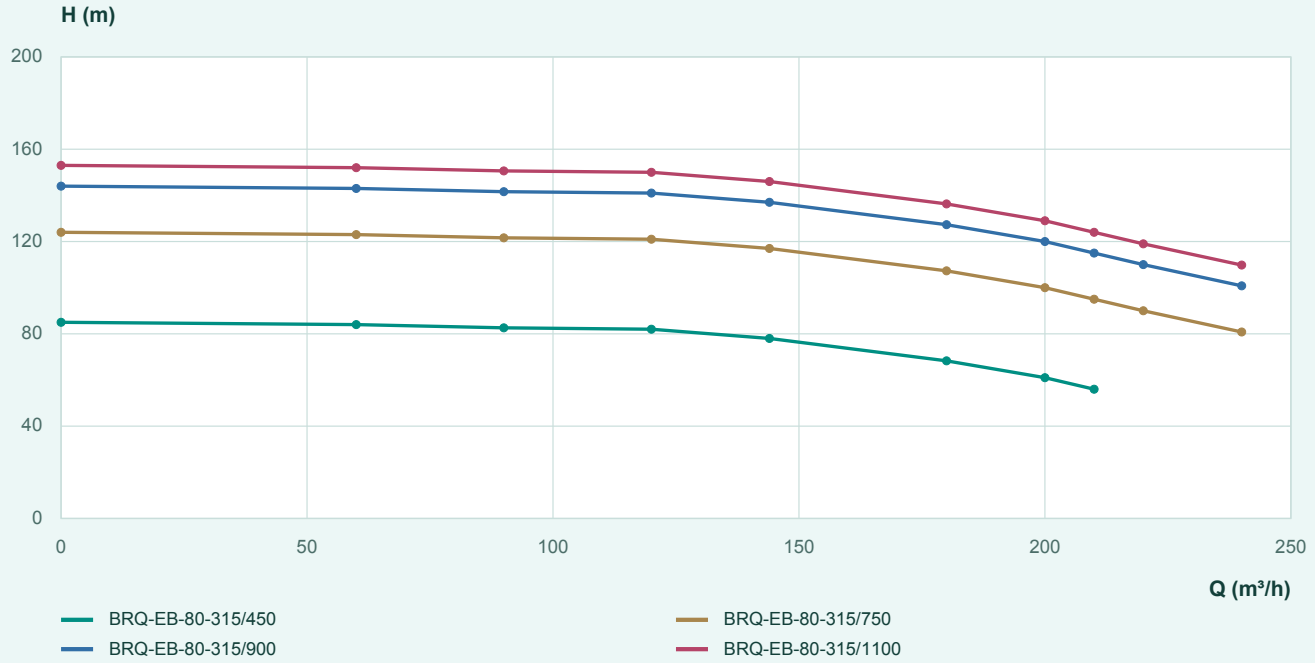


BRQ-EB / END SUCTION BARE SHAFT

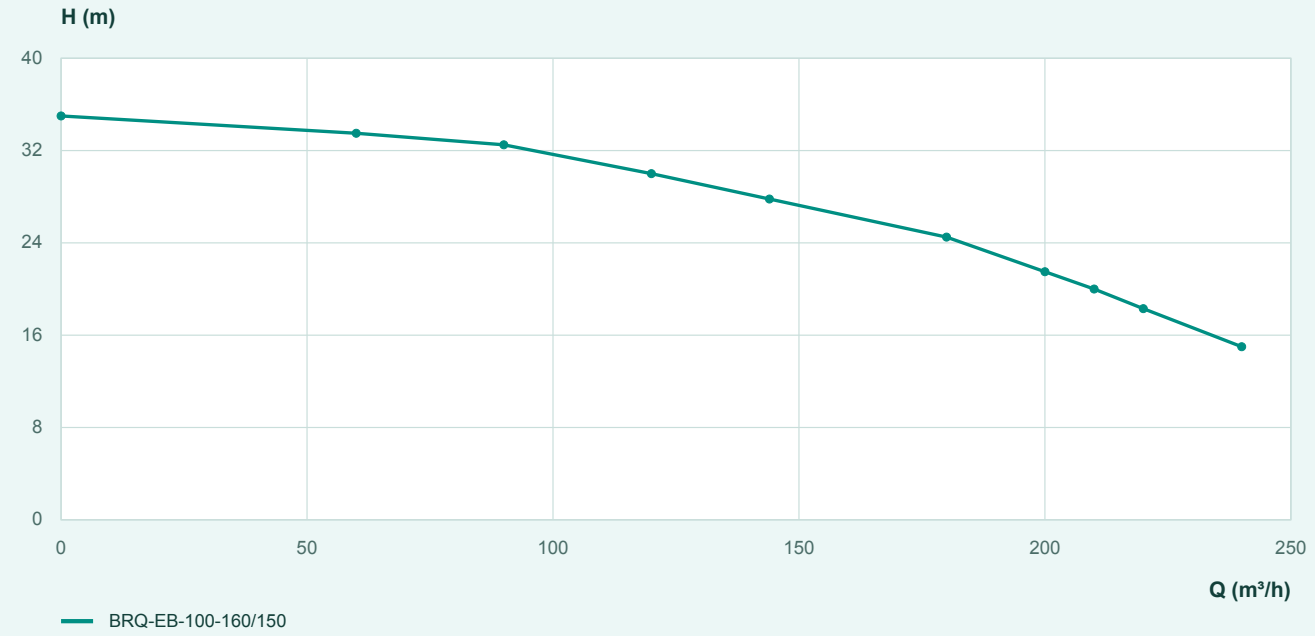
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

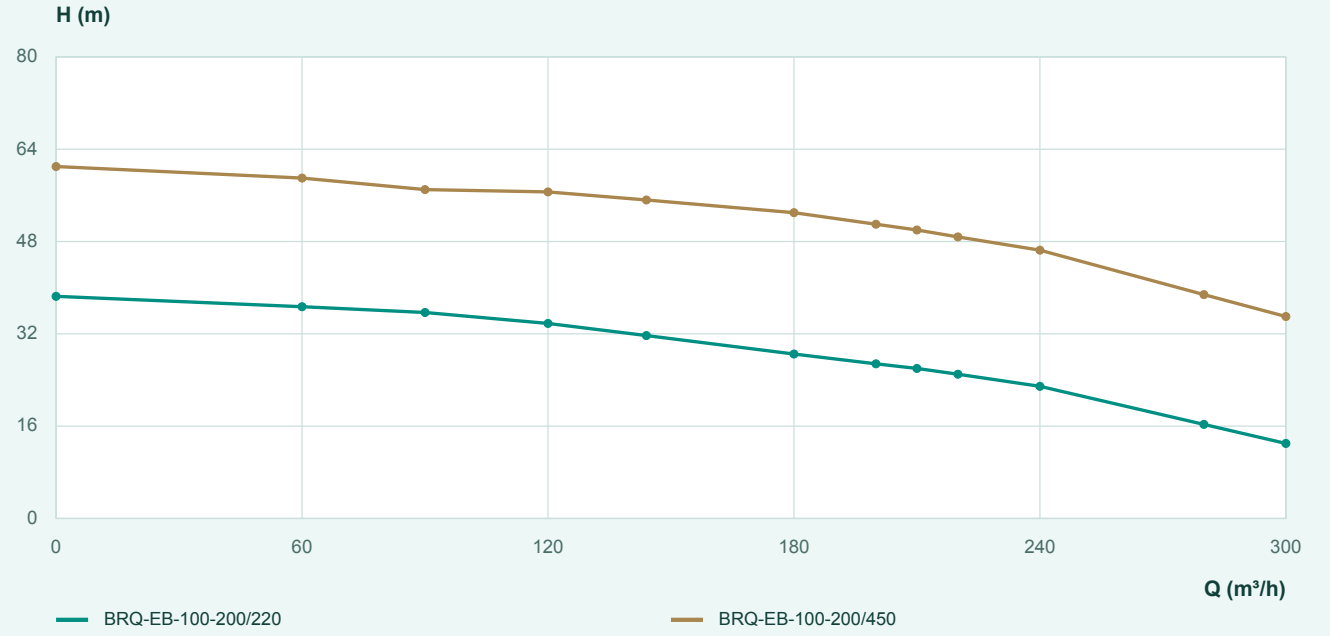


BRQ-EB / END SUCTION BARE SHAFT

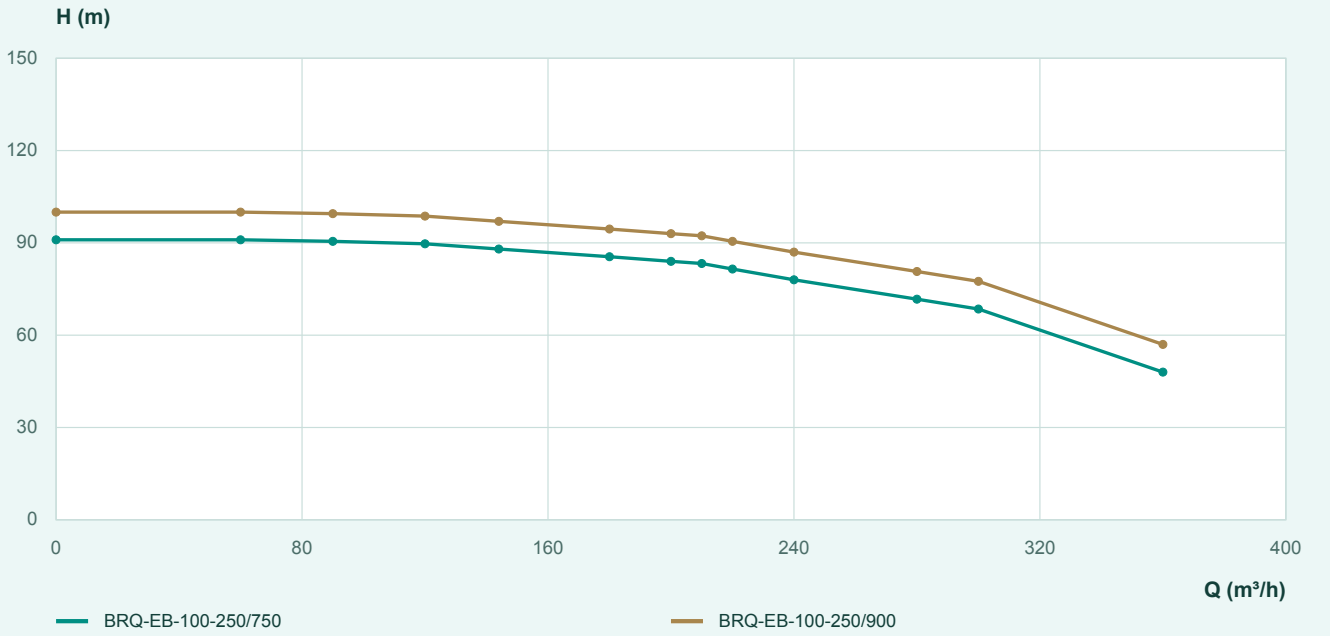
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

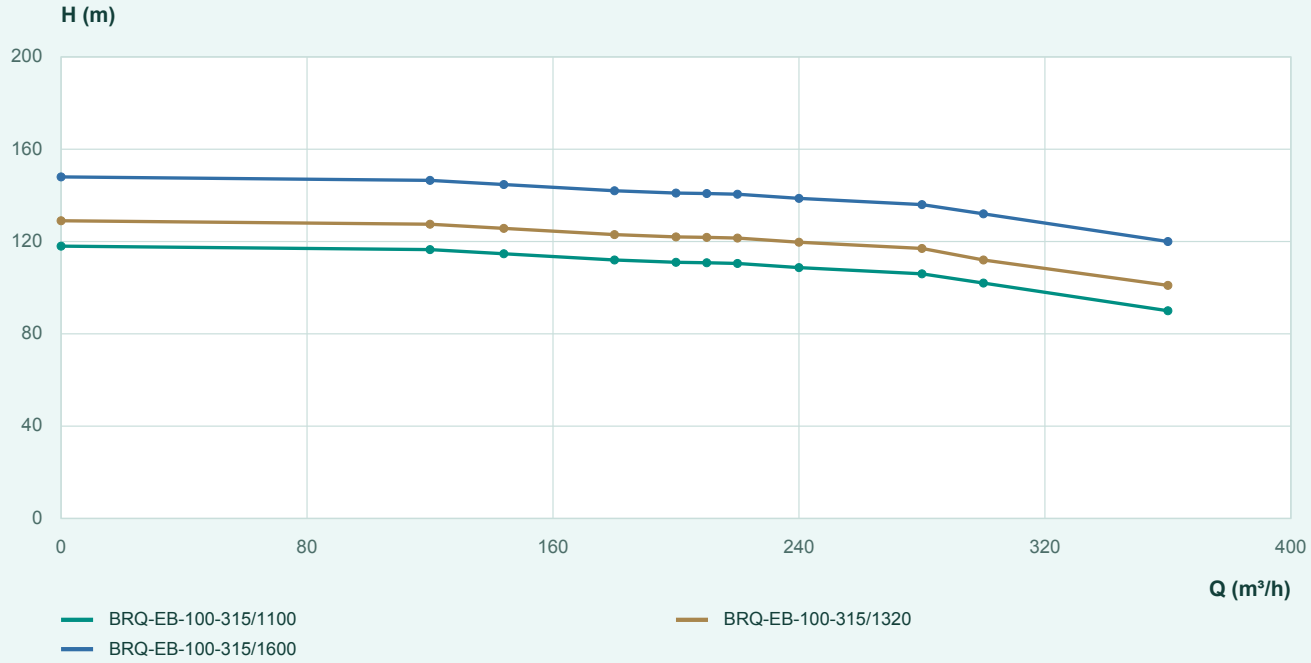


BRQ-EB / END SUCTION BARE SHAFT

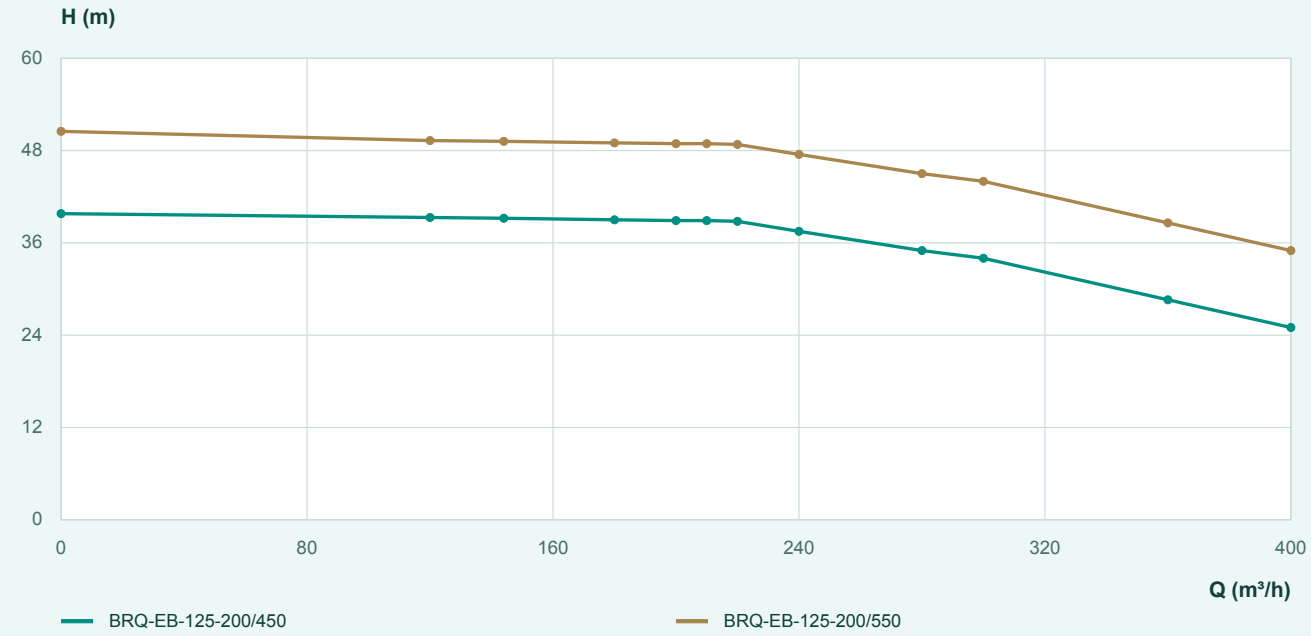
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

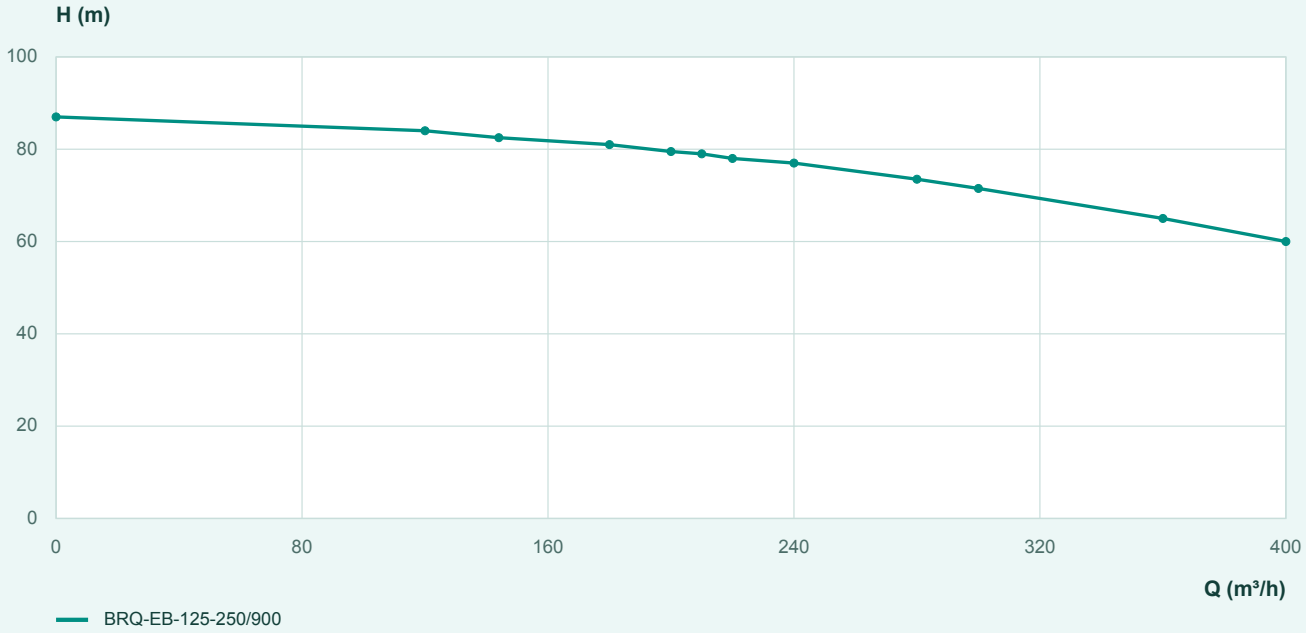


BRQ-EB / END SUCTION BARE SHAFT

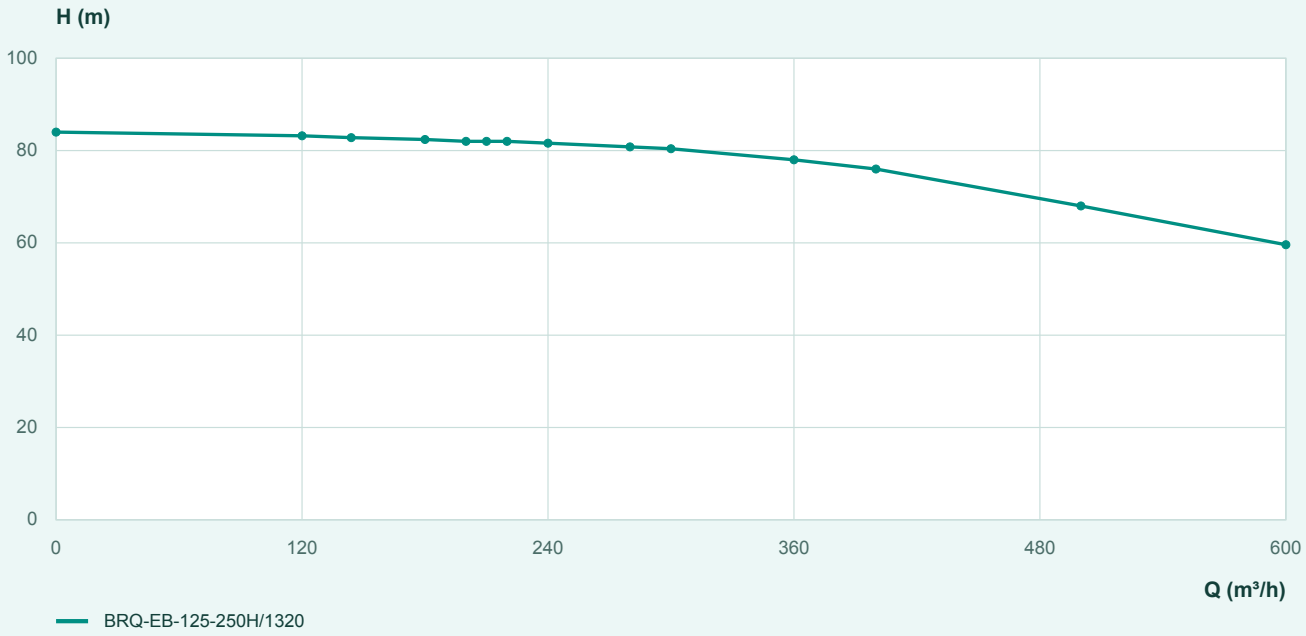
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

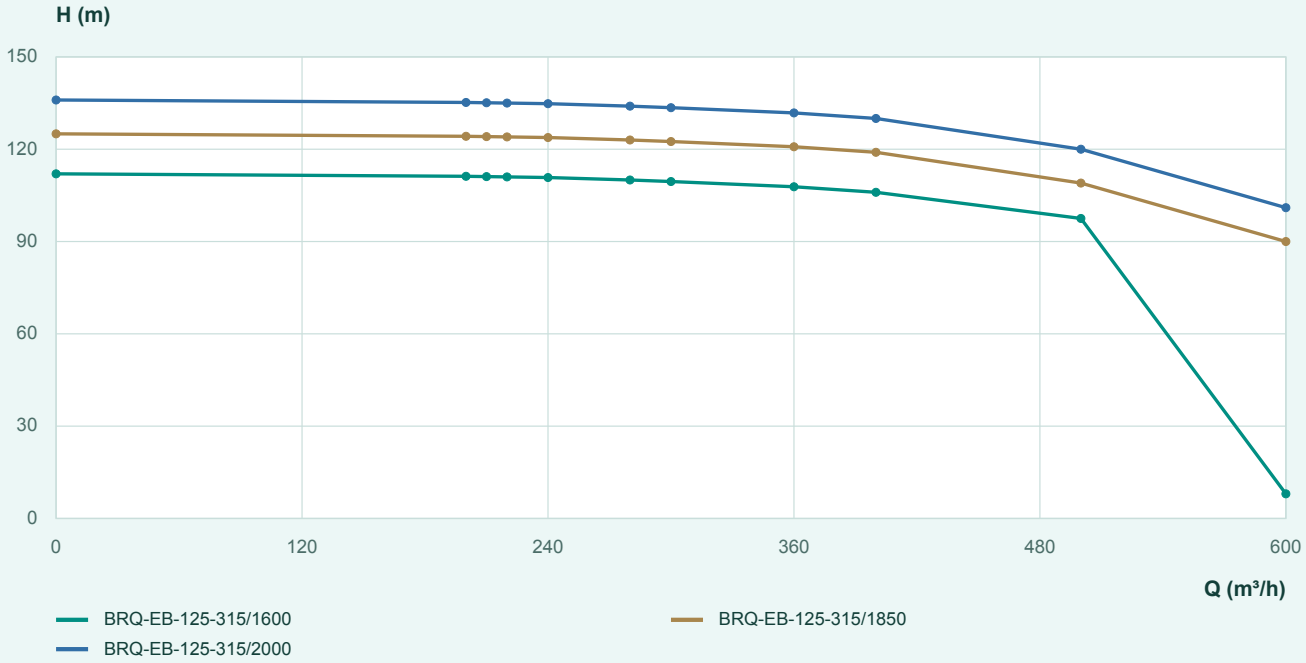


BRQ-EB / END SUCTION BARE SHAFT

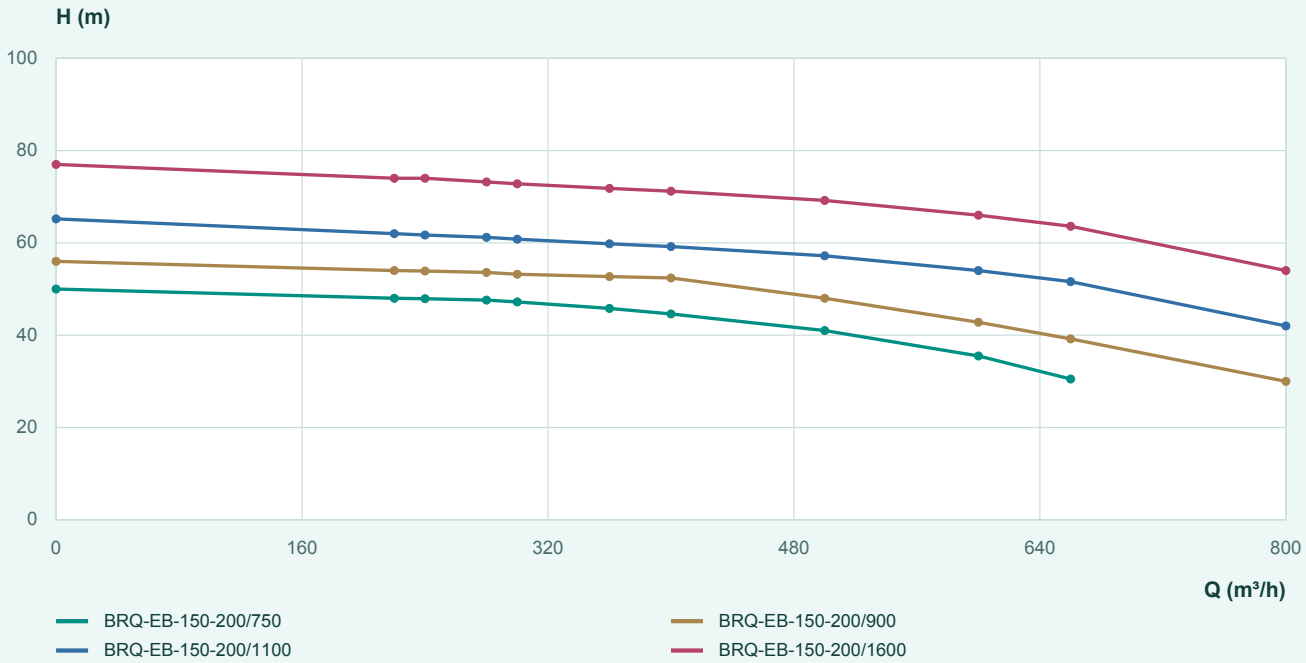
Performance characteristics

60 Hz / Flow and head

3500 rpm



3500 rpm

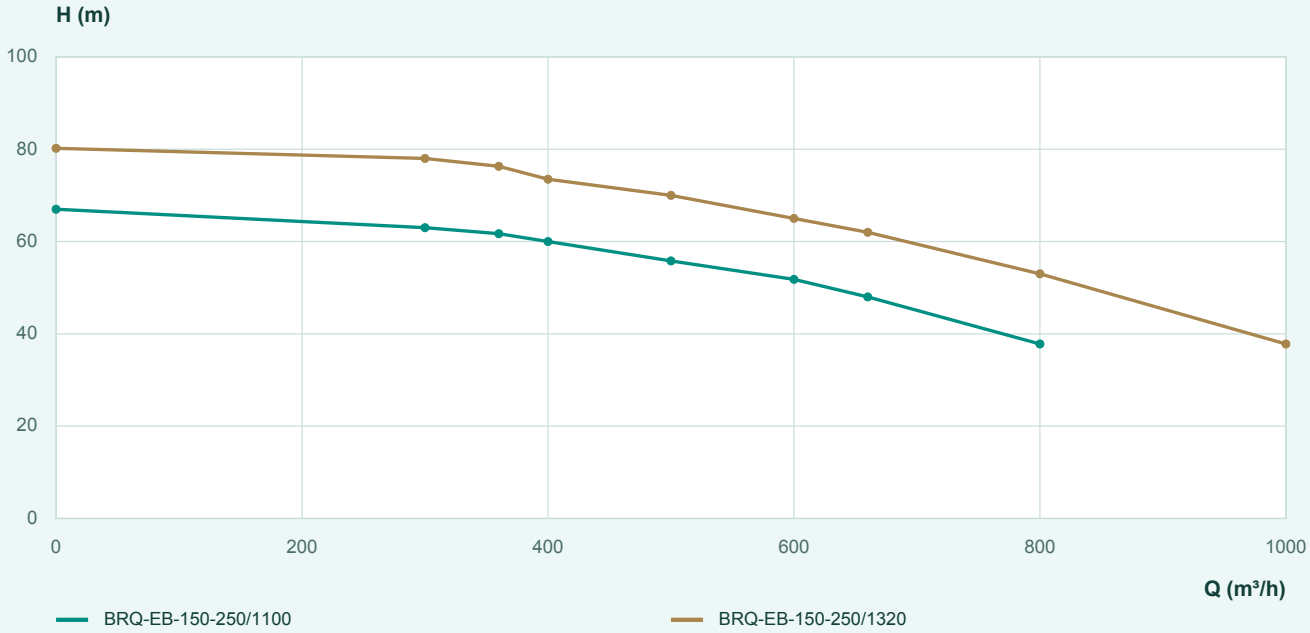


BRQ-EB / END SUCTION BARE SHAFT

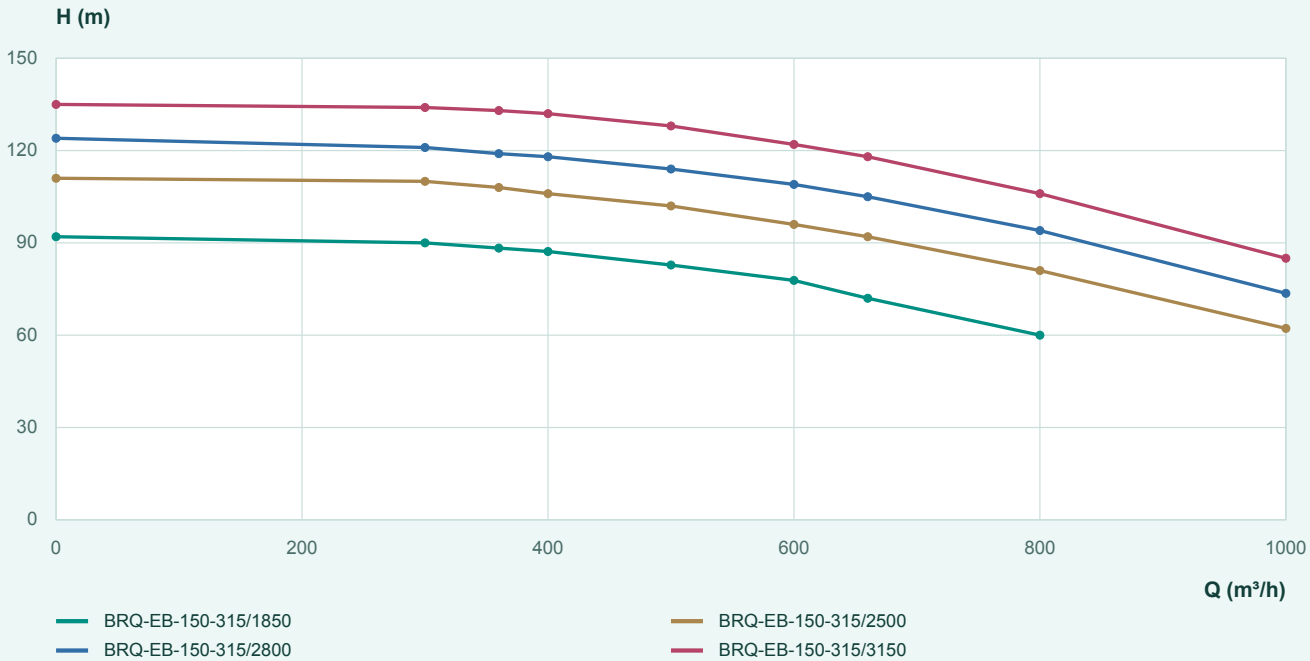
Performance characteristics

60 Hz / Flow and head

3500 rpm



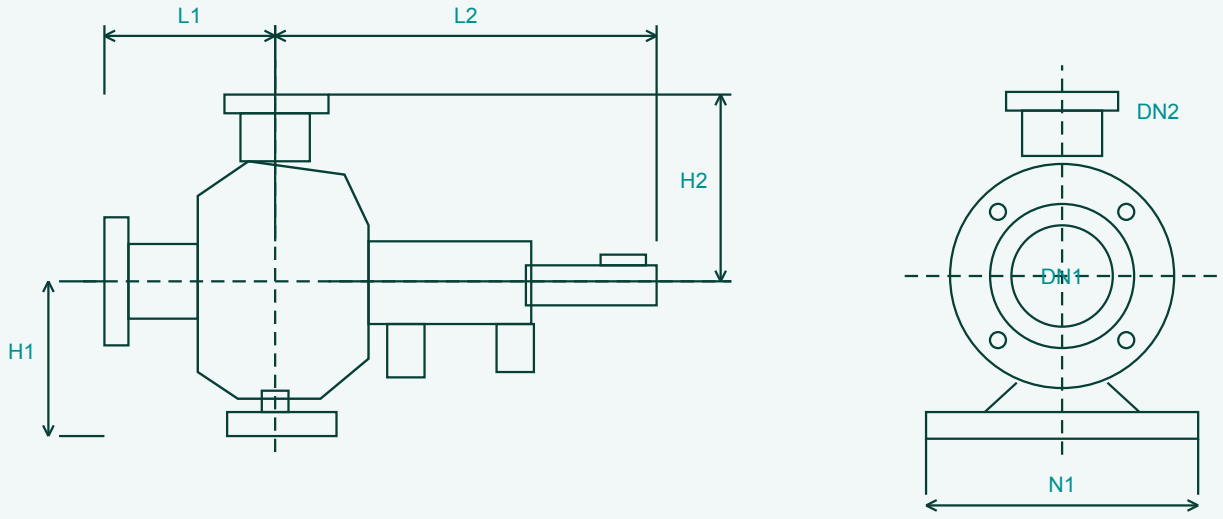
3500 rpm



BRQ-EB / END SUCTION BARE SHAFT

Installation dimensions

Dimensions in mm

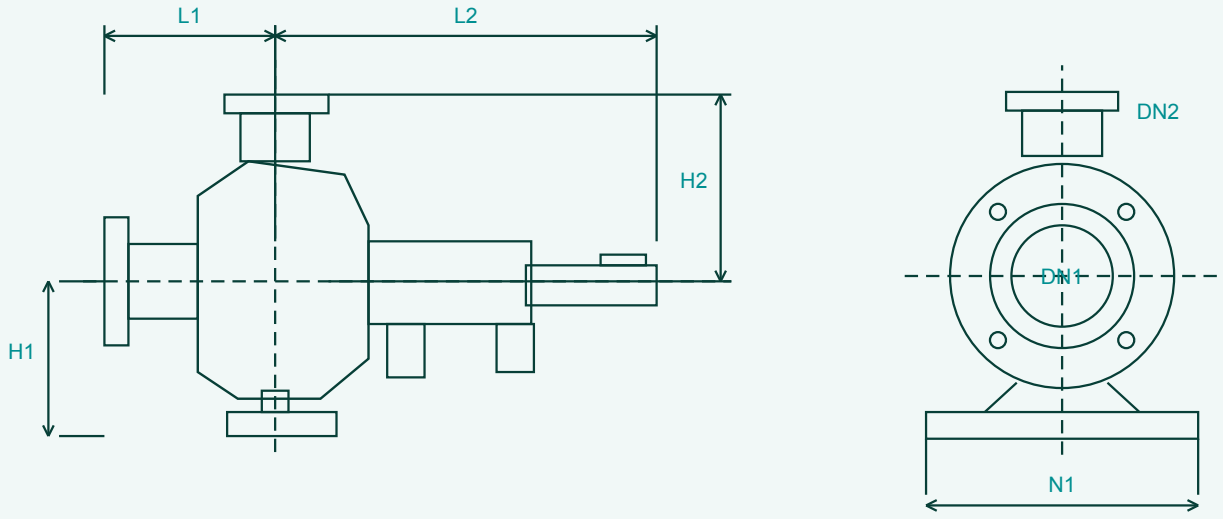


Model / size	DN1	DN2	L1	L2	H1	H2	N1
BRQ-EB-32-160	50	32	83	356	132	160	243
BRQ-EB-32-250	50	32	87	413	185	218	327
BRQ-EB-40-160	65	40	80	368	133	167	242
BRQ-EB-40-200	65	40	102	363	160	180	266
BRQ-EB-40-250	65	40	94	415	185	230	327
BRQ-EB-40-315	65	40	130	502	205	250	355
BRQ-EB-50-125	65	50	104	368	133	169	241
BRQ-EB-50-160	65	50	104	368	162	183	267
BRQ-EB-50-250	65	50	102	415	185	230	327
BRQ-EB-50-315	65	50	130	519	250	310	440
BRQ-EB-65-125	80	65	102	377	102	182	280
BRQ-EB-65-200	80	65	111	423	185	240	309
BRQ-EB-65-250	8	65	116	487	200	260	327
BRQ-EB-65-315	80	65	116	500	250	293	422
BRQ-EB-80-125	100	80	118	377	162	194	280
BRQ-EB-80-160	100	80	118	398	185	249	332
BRQ-EB-80-250	100	80	130	500	248	287	402

BRQ-EB / END SUCTION BARE SHAFT

Installation dimensions

Dimensions in mm

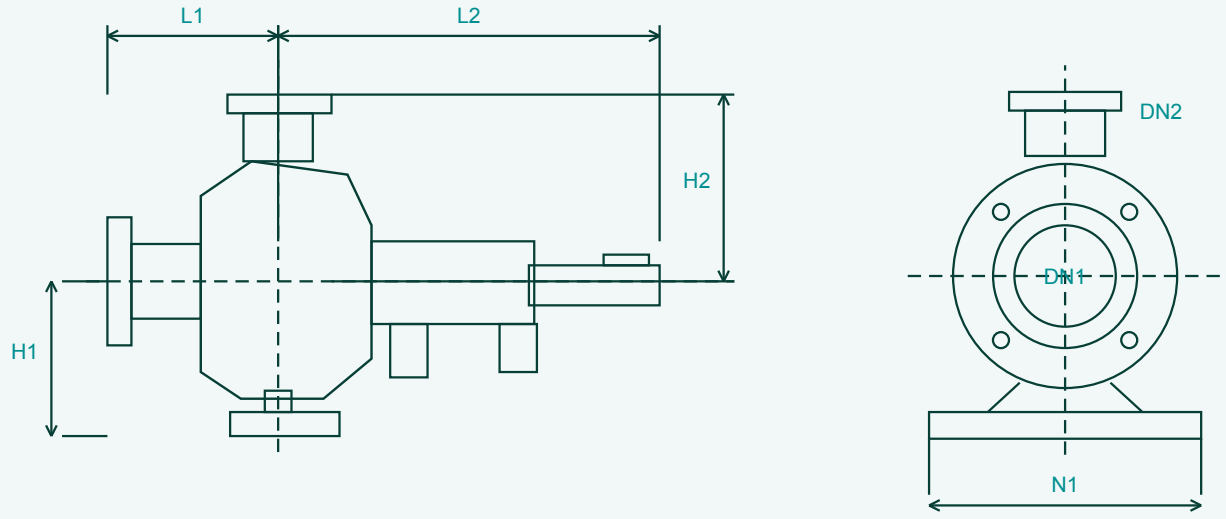


Model / size	DN1	DN2	L1	L2	H1	H2	N1
BRQ-EB-80-315	100	80	130	535	250	308	442
BRQ-EB-80-400	100	80	148.5	340.5	280	360	465
BRQ-EB-100-160	125	100	130	399	183	248	339
BRQ-EB-100-200	125	100	140	497	223	303	401
BRQ-EB-100-250	125	100	140	505	250	328	402
BRQ-EB-100-315	125	100	140	541	280	329	482
BRQ-EB-125-200	150	125	145	499	250	300	404
BRQ-EB-125-250	150	125	145	513	250	330	412
BRQ-EB-125-315	150	125	160	544	280	360	482
BRQ-EB-125-400	150	125	150	550	315	400	505
BRQ-EB-150-20	200	150	173	562	315	380	5776
BRQ-EB-150-315	200	150	225	557	335	470	555
BRQ-EB-150-400	200	150	197	690	335	470	555
BRQ-EB-200-250	250	200	180	581	355	475	557
BRQ-EB-200-315	250	200	240	585	350	525	605
BRQ-EB-200-400	250	200	230	720	405	540	676
BRQ-EB-250-315	300	250	260	715	420	600	615

BRQ-EB / END SUCTION BARE SHAFT

Installation dimensions

Dimensions in mm



Model / size	DN1	DN2	L1	L2	H1	H2	N1
BRQ-EB-250-400	300	250	300	720	440	600	650
BRQ-EB-780-200	100	80	118	484	200	260	321