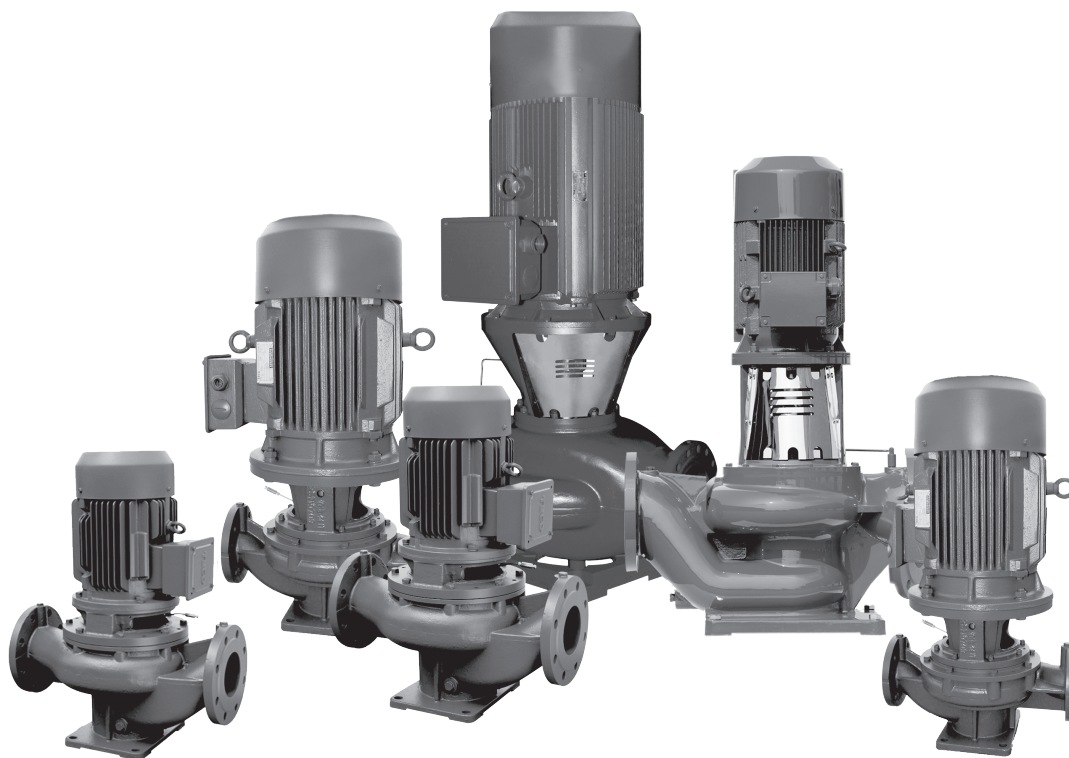




GLC series vertical inline pump

Technical book – 50Hz

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GLC vertical double suction inline pump

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GLC vertical single suction inline pump

Applications

HVAC system,
Hot and cold water circulator,
Domestic water supply,
Other industrial systems,

Key benefits

- Highly efficient with low NPSHr
- Easy maintenance
- Smooth and quiet operation
- Parts interchangeability
- Space saving design

Technical parameters

GLC32-160 ~350-400

Operating conditions

Flow: up to 1900m³/h

Head: up to 160m

Temperature of liquid: from -15℃ to 120℃ (please indicated while above 85℃)

Operating pressure: 16 Bar, 25 Bar (please inquire Xylem)

Suction pressure: ≤10 Bar (please consult Xylem while above 10Bar)

Inlet & outlet size: DN32-DN350

Inlet & outlet flanges: conform to GB/T 17241.6

Liquids pumped: designed for liquid of clean, low viscosity, non-combustible, solid or fabric free. Others please consult Xylem.

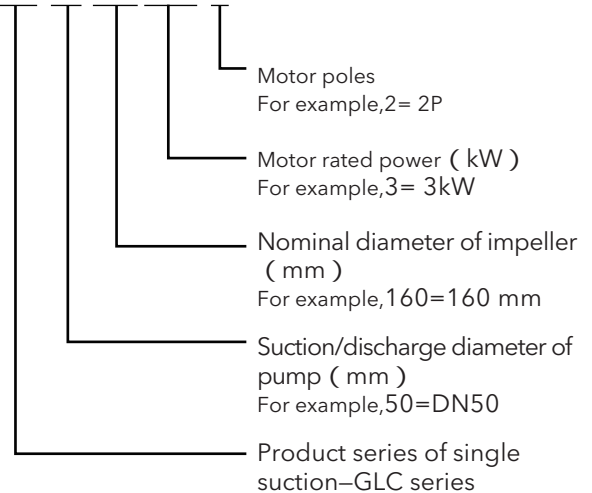
Mechanical seal: ISO3609 and ANSI B73.1M standards. In case of higher temperature or liquid with much of sands, needs special seal, please consult Xylem.

Materials of construction

Part name	materials
Pump body	EN-GJL-250 ASTM A48 40B
pump cover	EN-GJL-250 ASTM A48 40B
Motor adaptor	EN-GJL-250 ASTM A48 40B
Impeller	EN 1.4301 AISI 304 (ZCuAl10fe3 as option)
Shaft	EN 1.4021 AISI 420

Model nomenclature

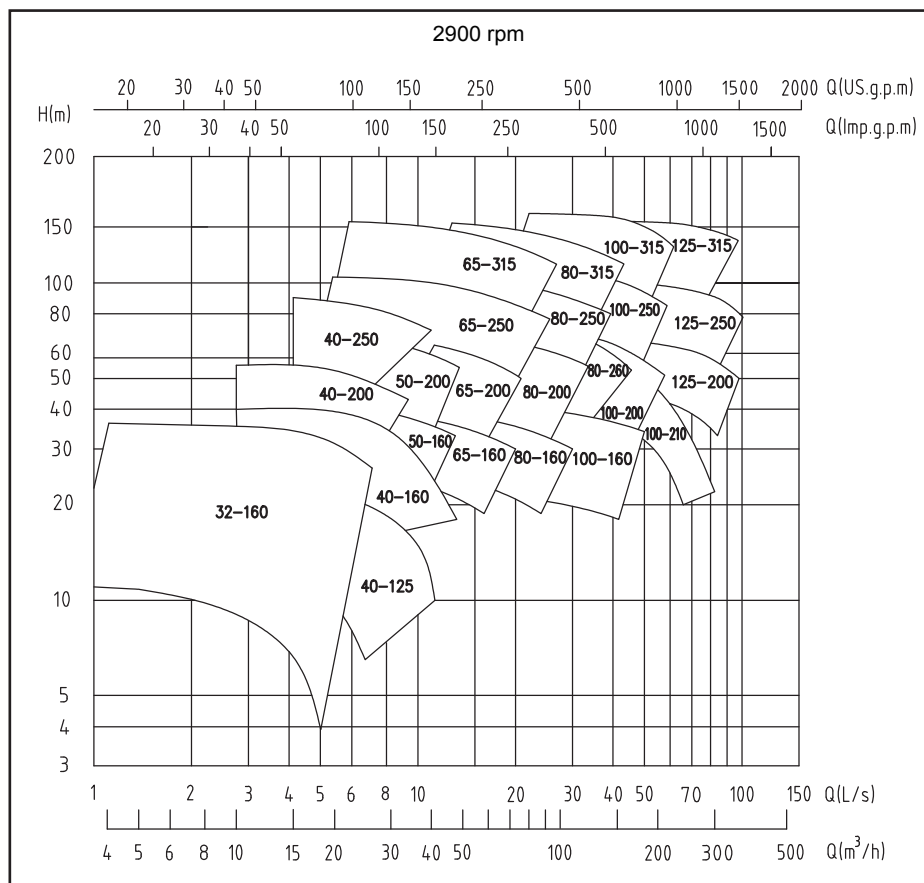
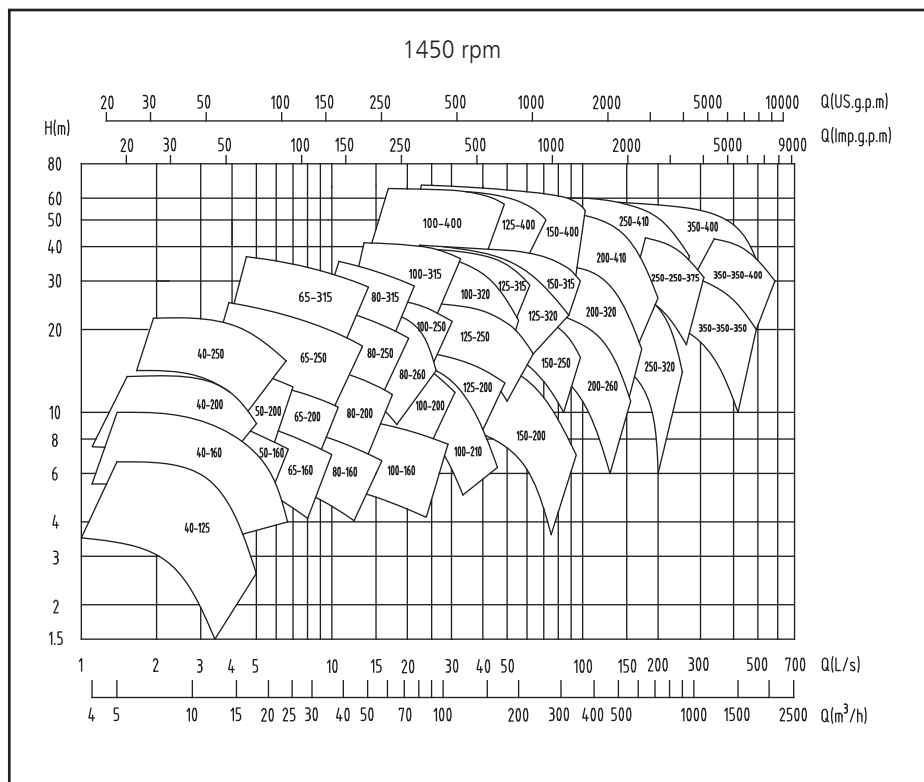
GLC 50-160-3kW/2



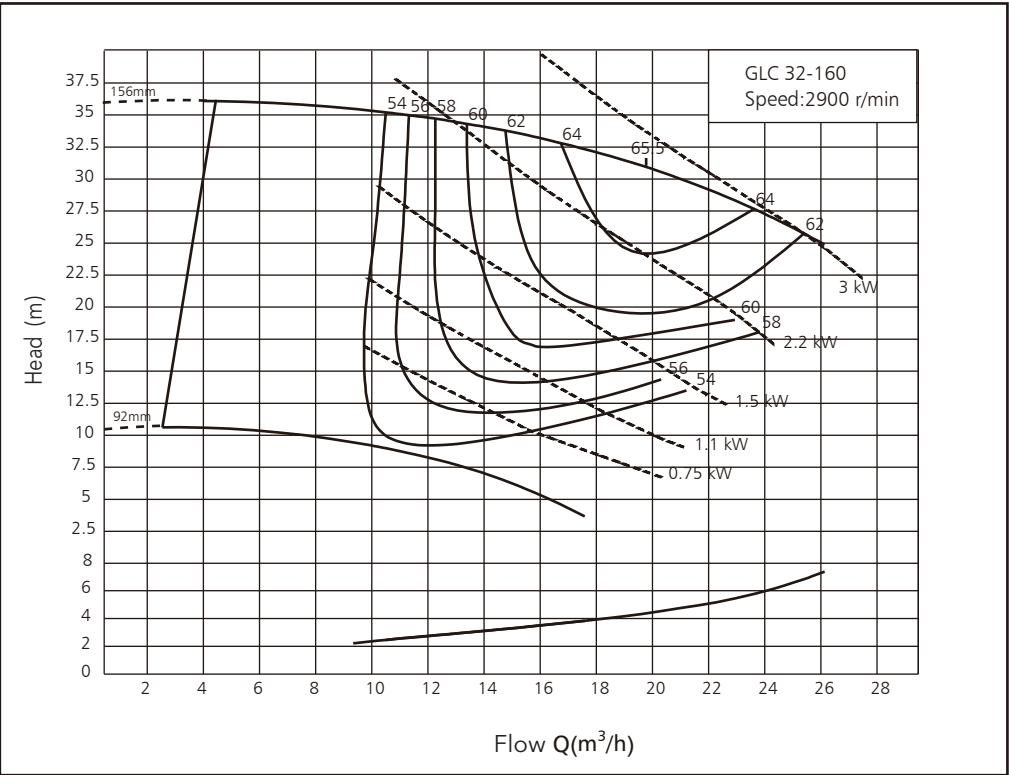
specifications for standard configuration

pump	unit	instructions
inlet & outlet flanges		PN16, or consult on request
Impeller structure		Single suction, closed
Motor		
Mounting type		v1
Frequency	Hz	50
Mechanical seal		
materials		Graphite/ceramics/fluororubber
Operating conditions		
Temperature	℃	-15℃ to 120℃ (please indicated while above 85℃)
Working pressure	Bar	16

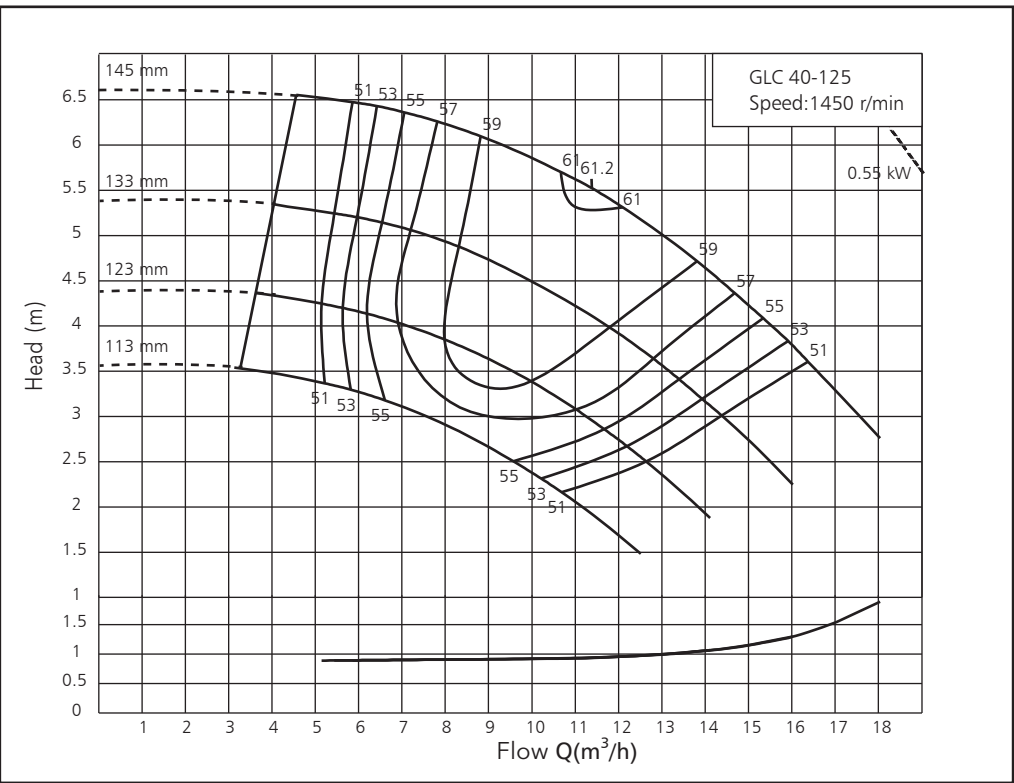
50Hz performance range

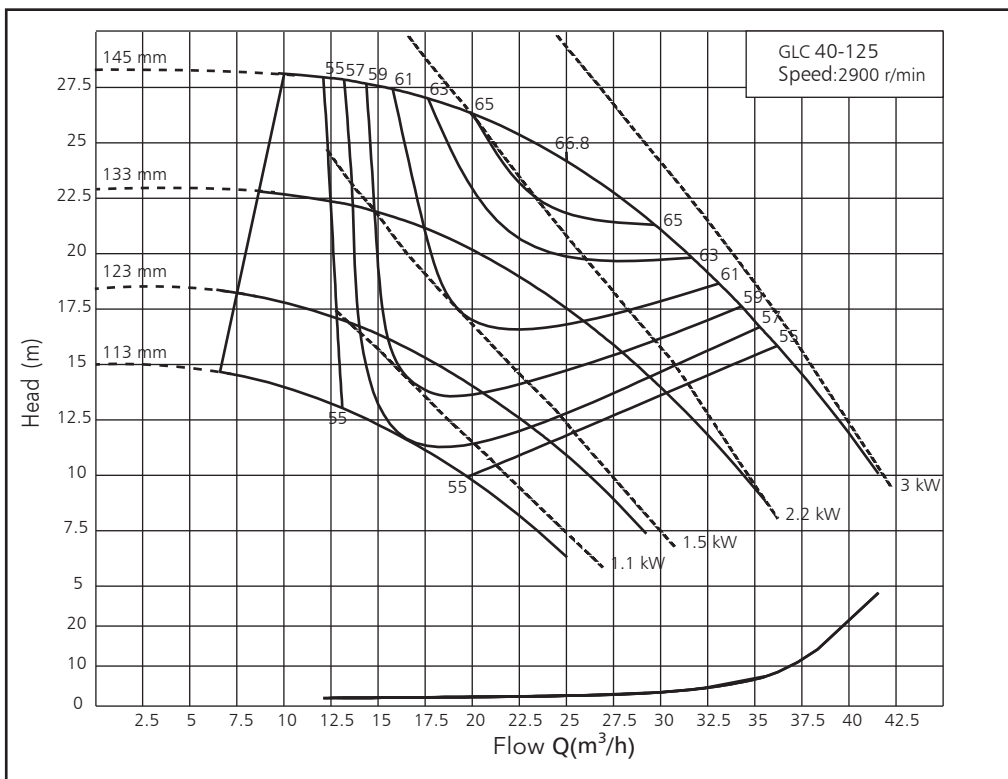


GLC 32-160 performance curve

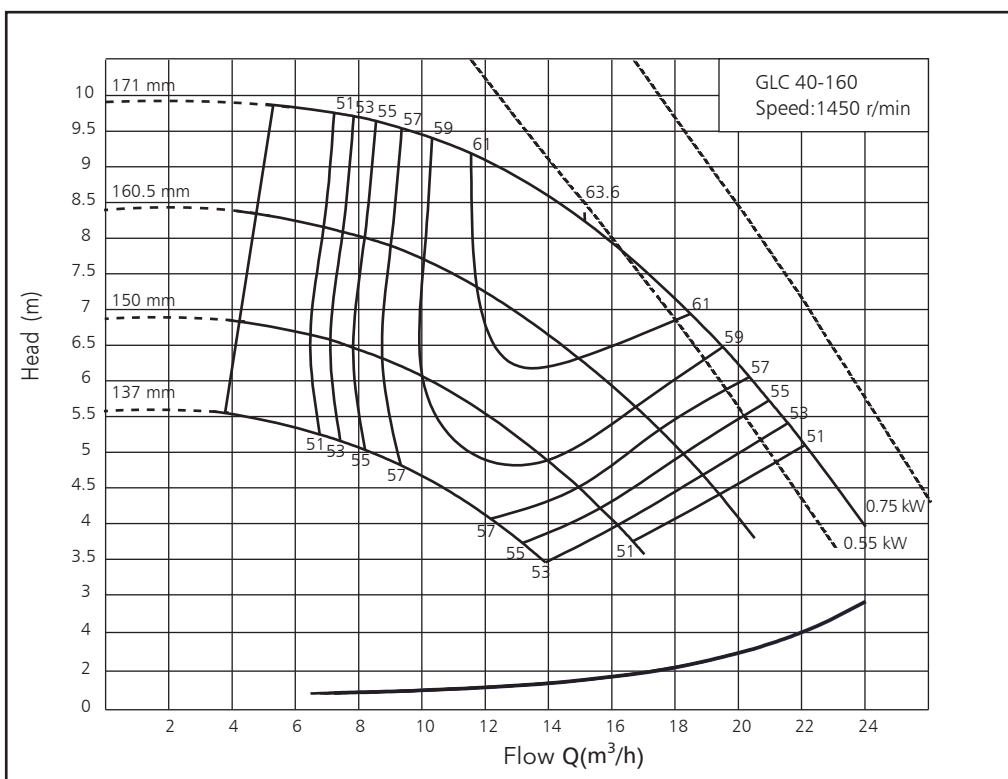


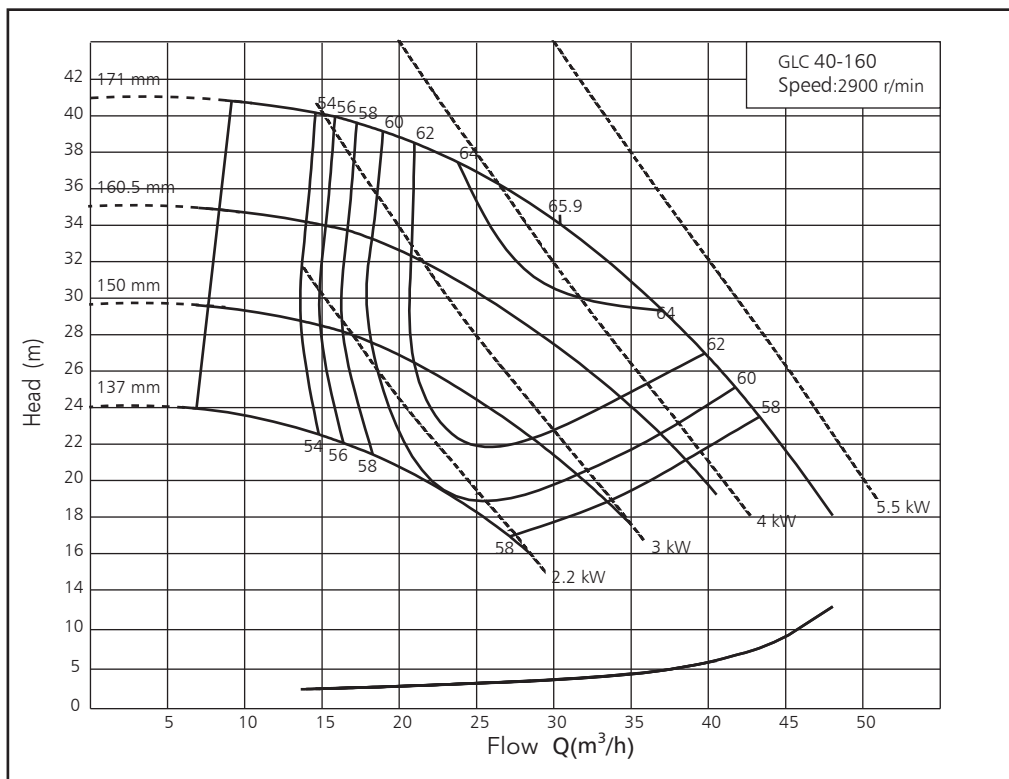
GLC 40-125 performance curve



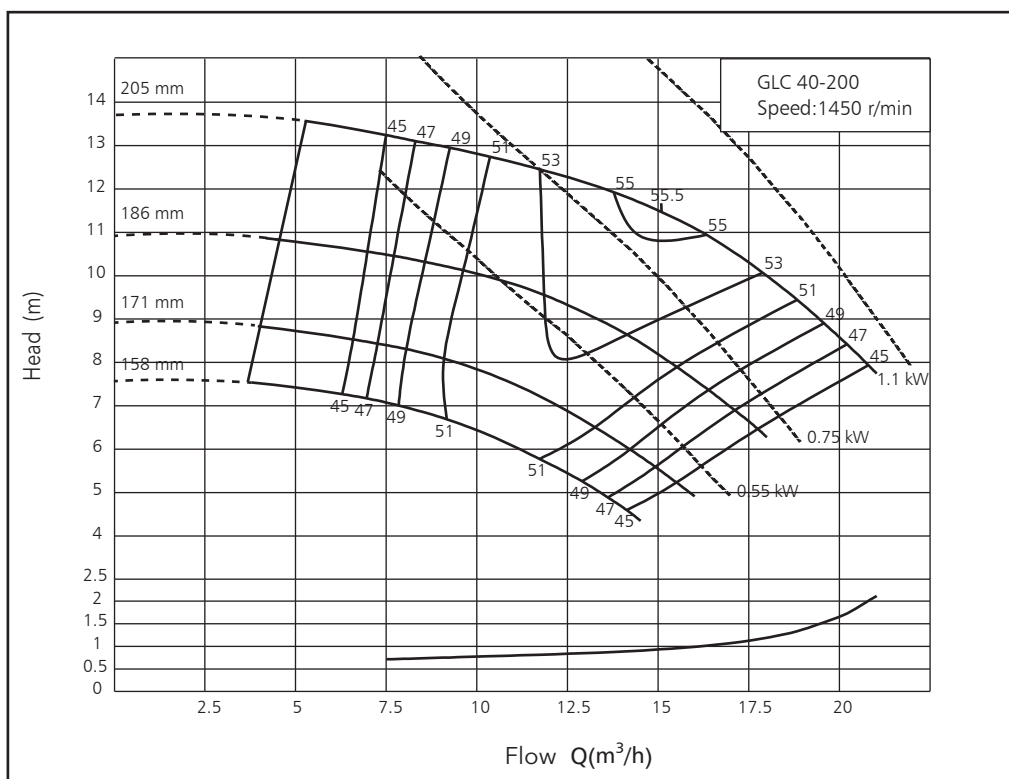


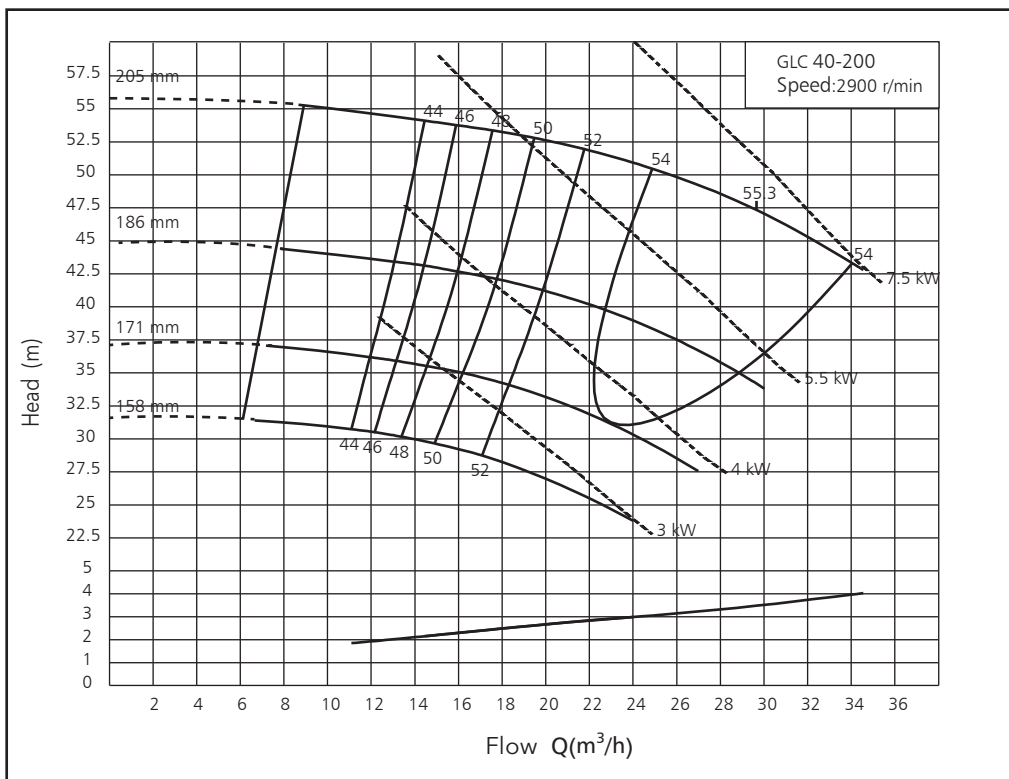
GLC 40-160 performance curve



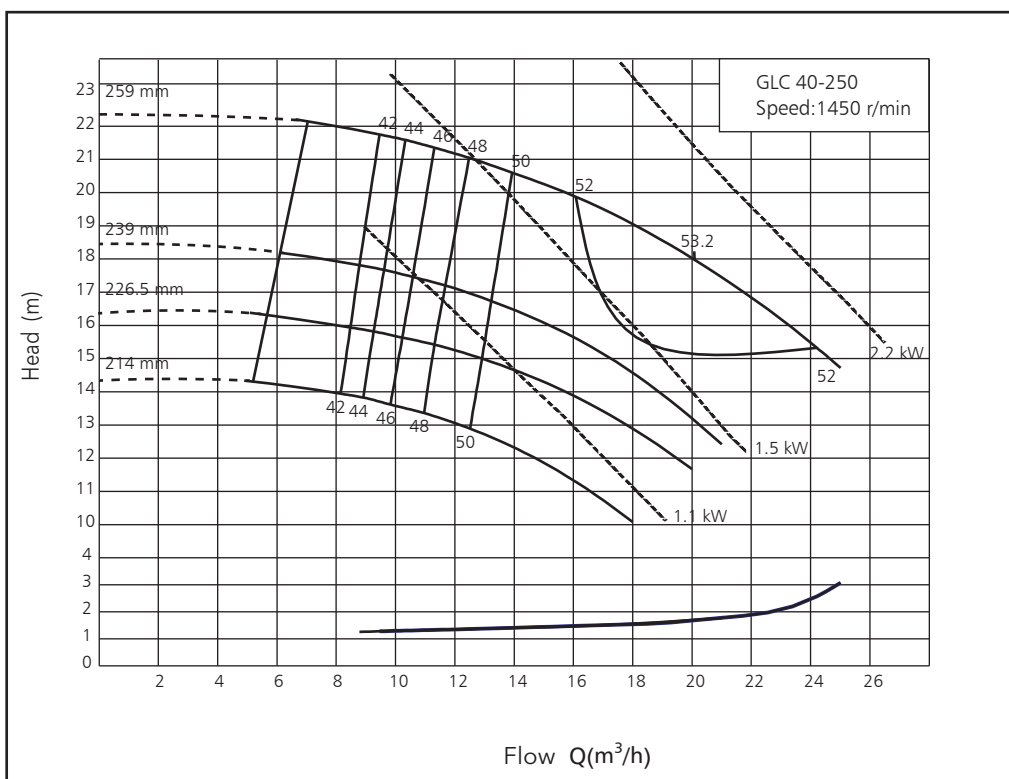


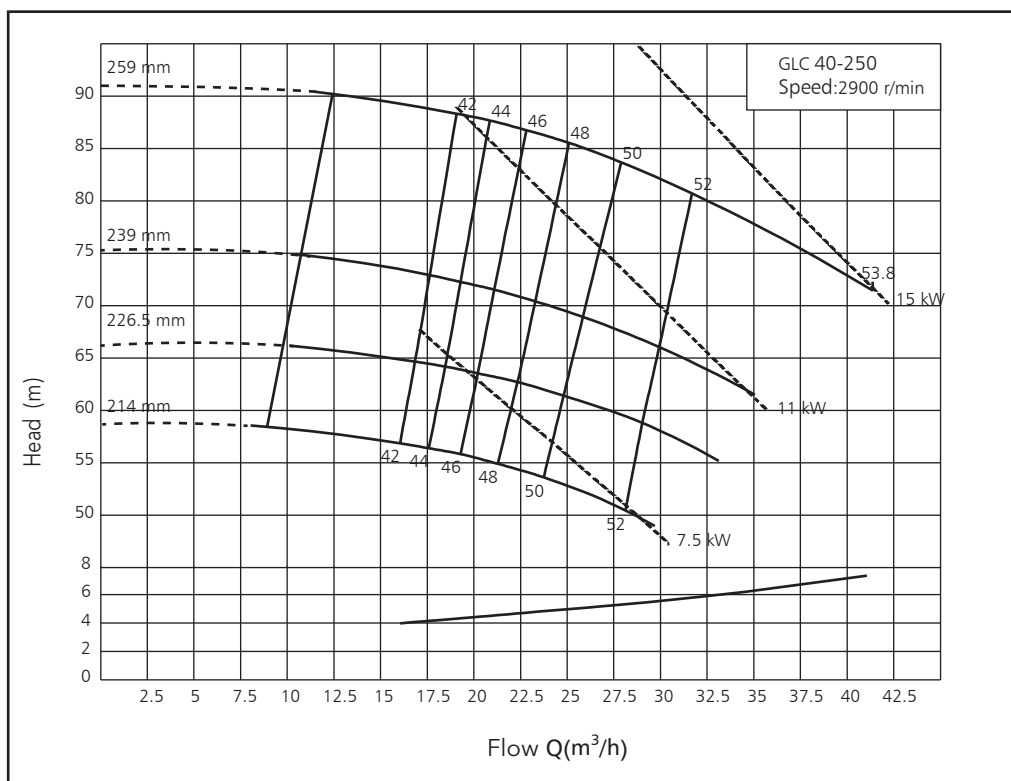
GLC 40-200 performance curve



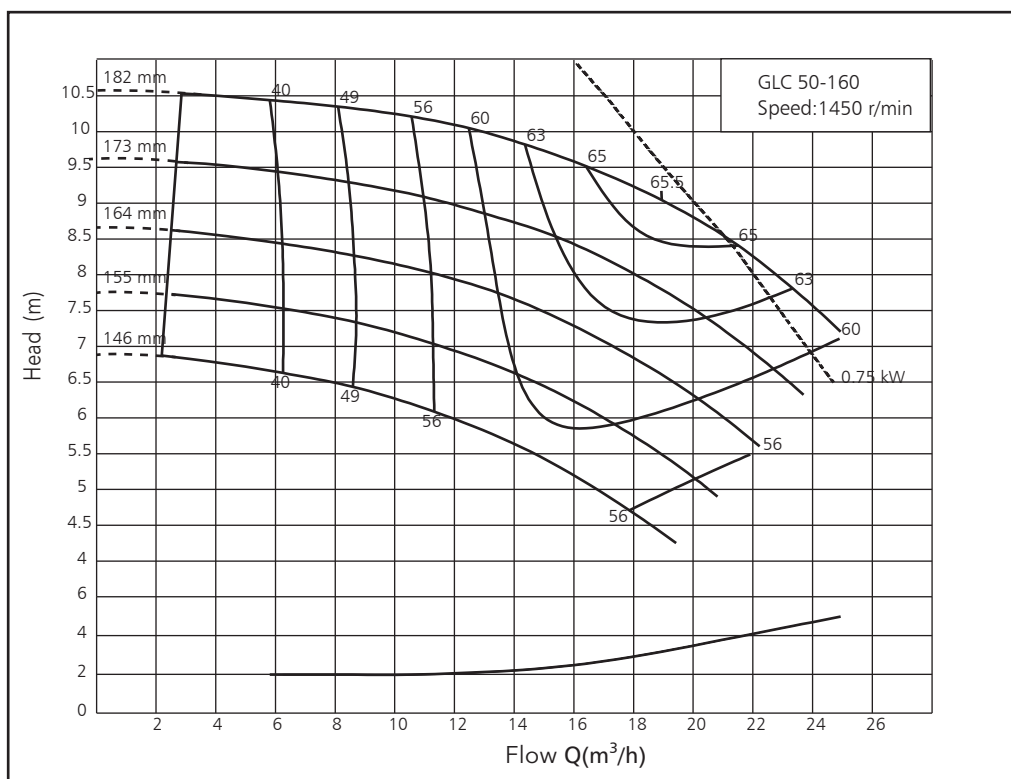


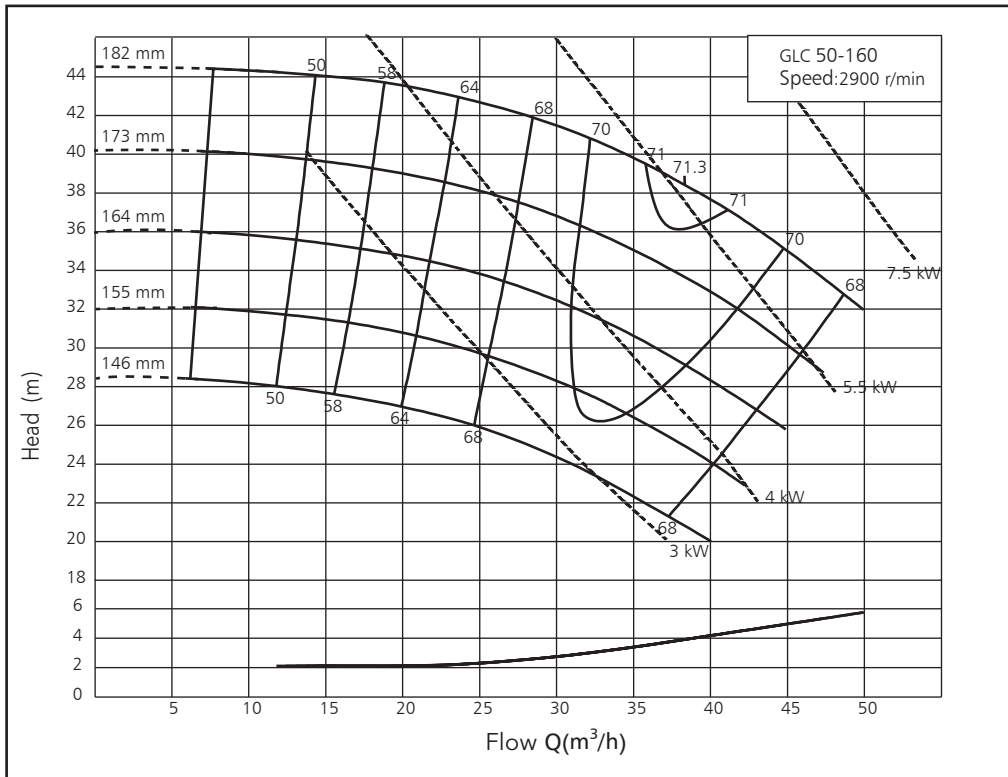
GLC 40-250 performance curve



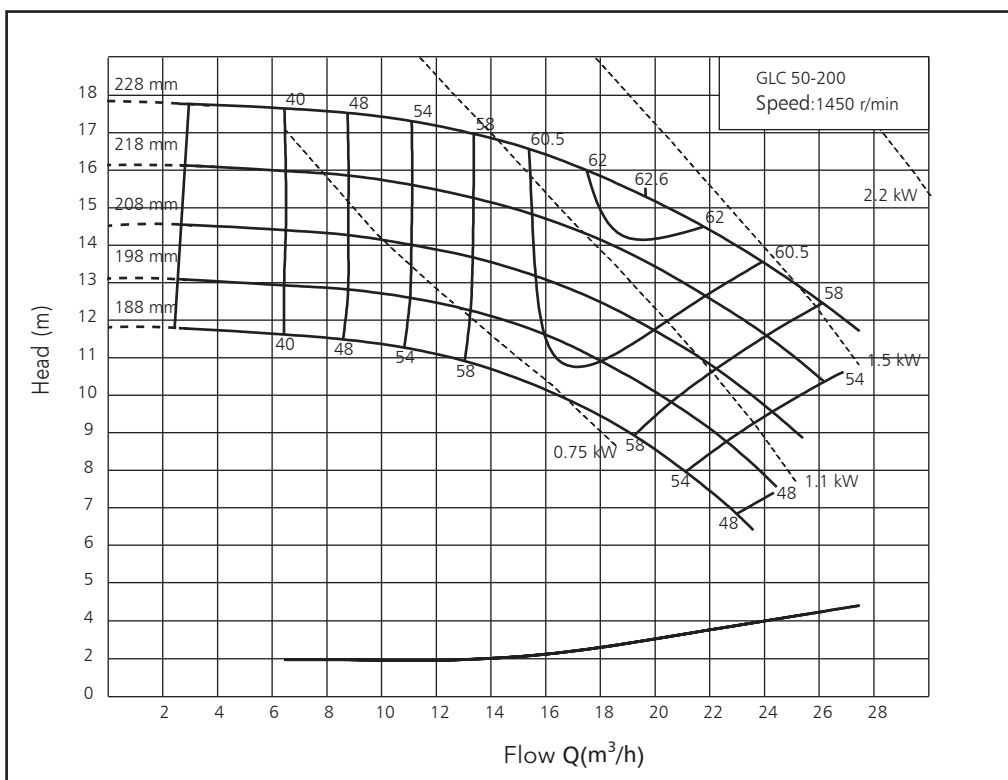


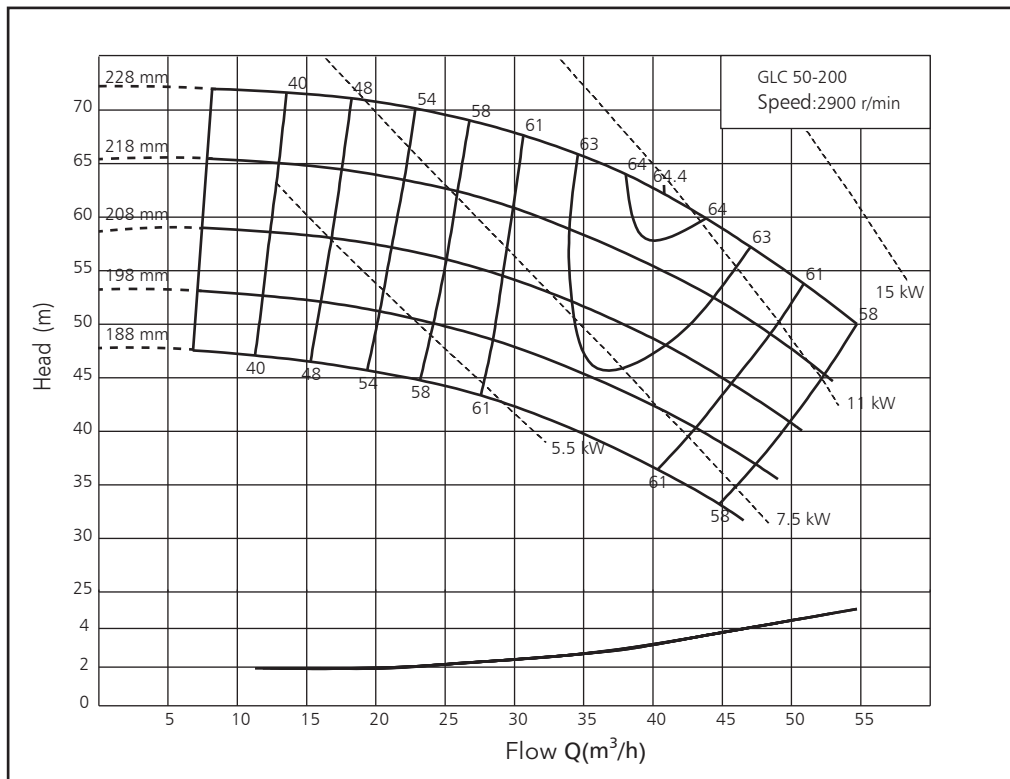
GLC 50-160 performance curve



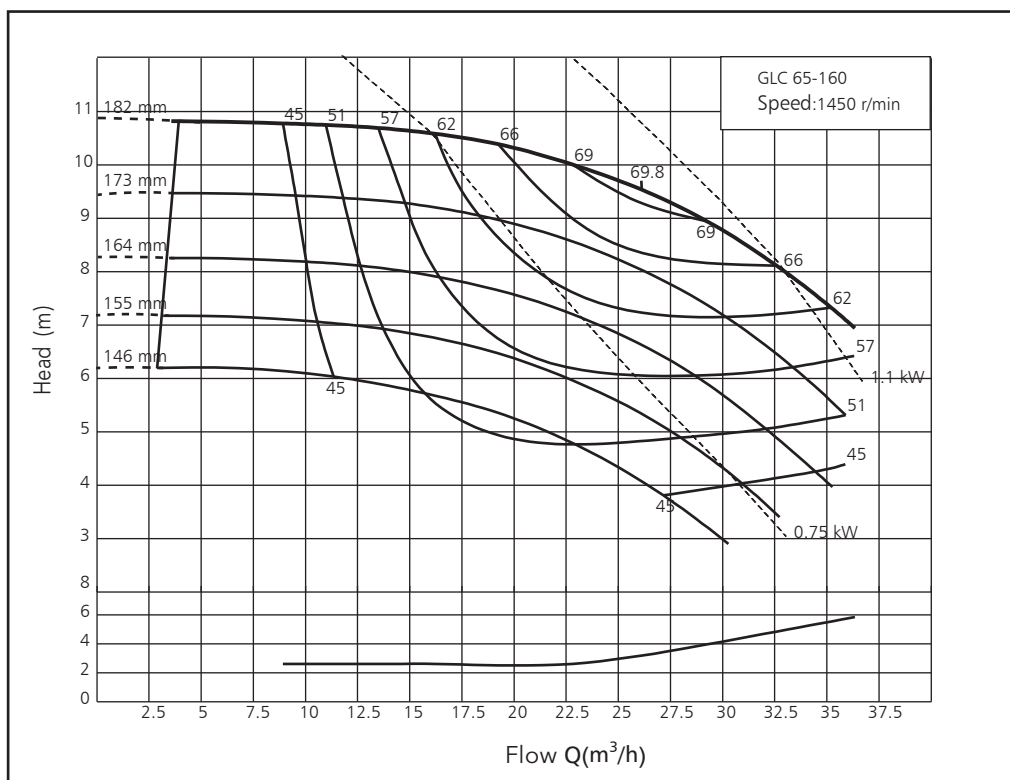


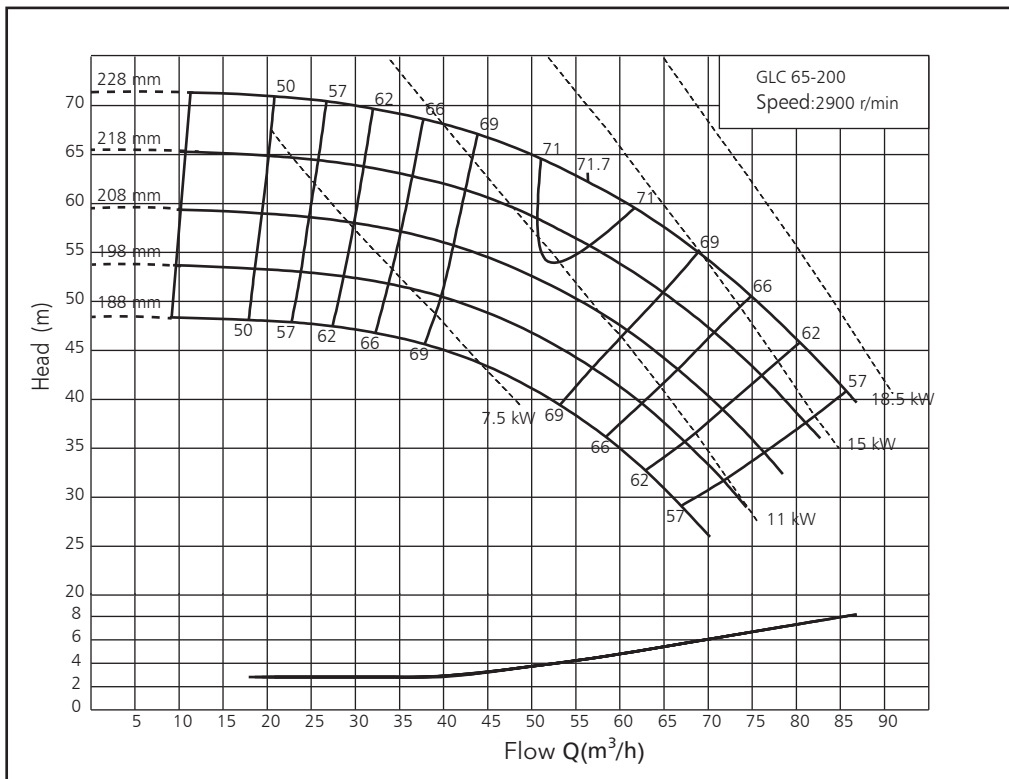
GLC 50-200 performance curve



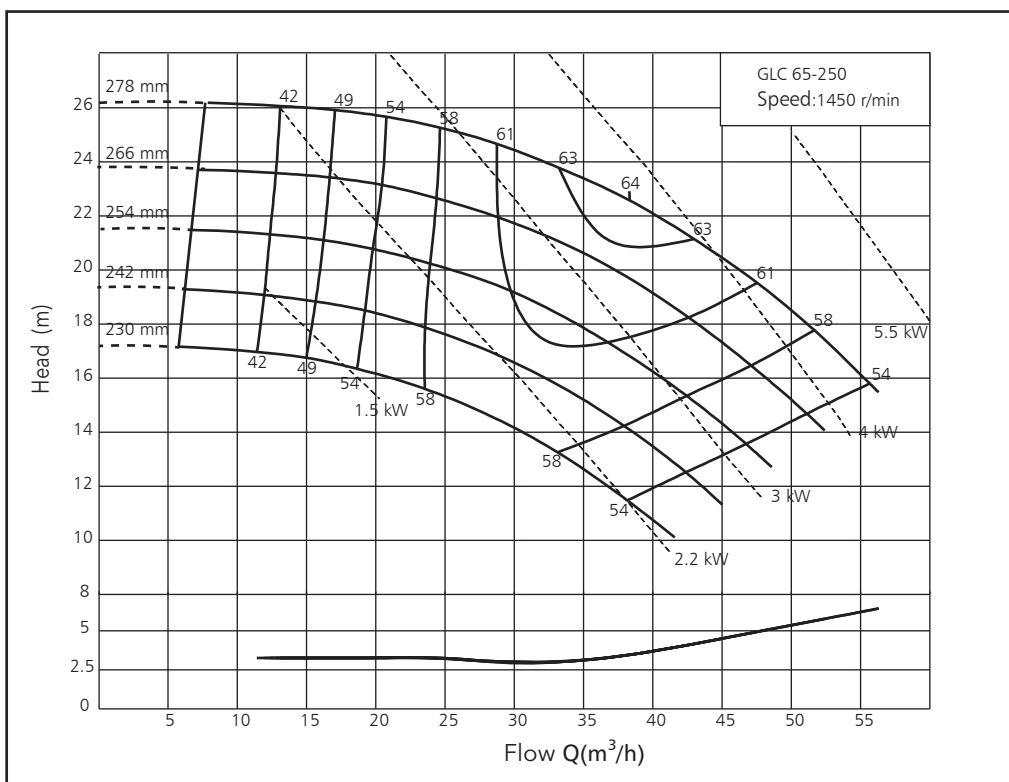


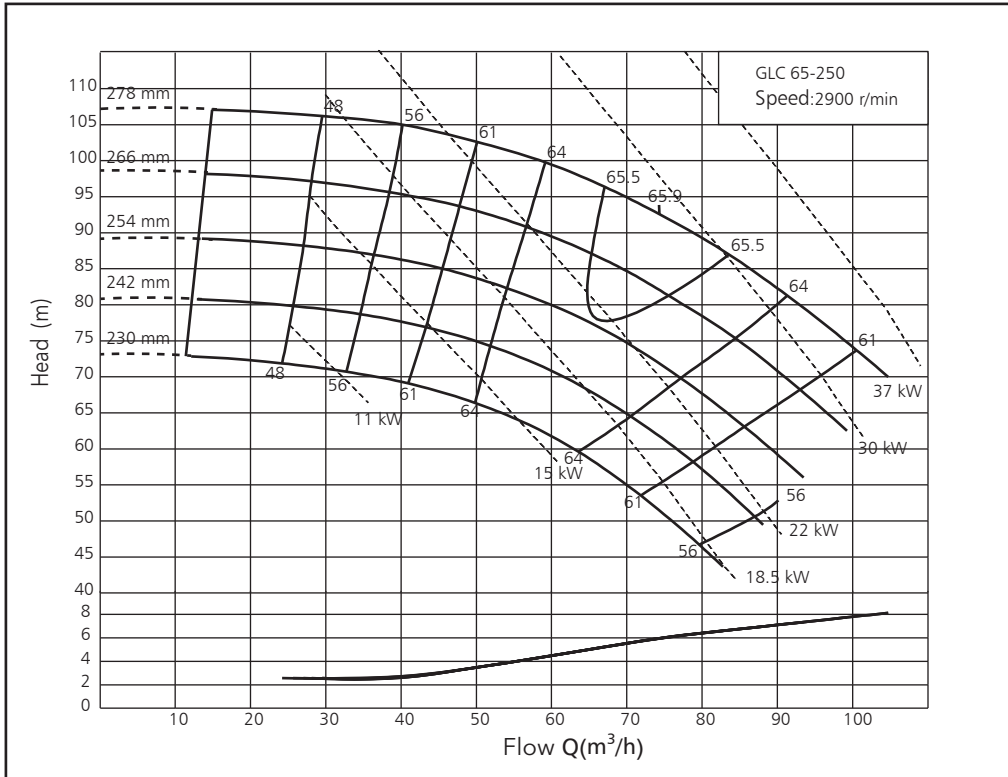
GLC 65-160 performance curve



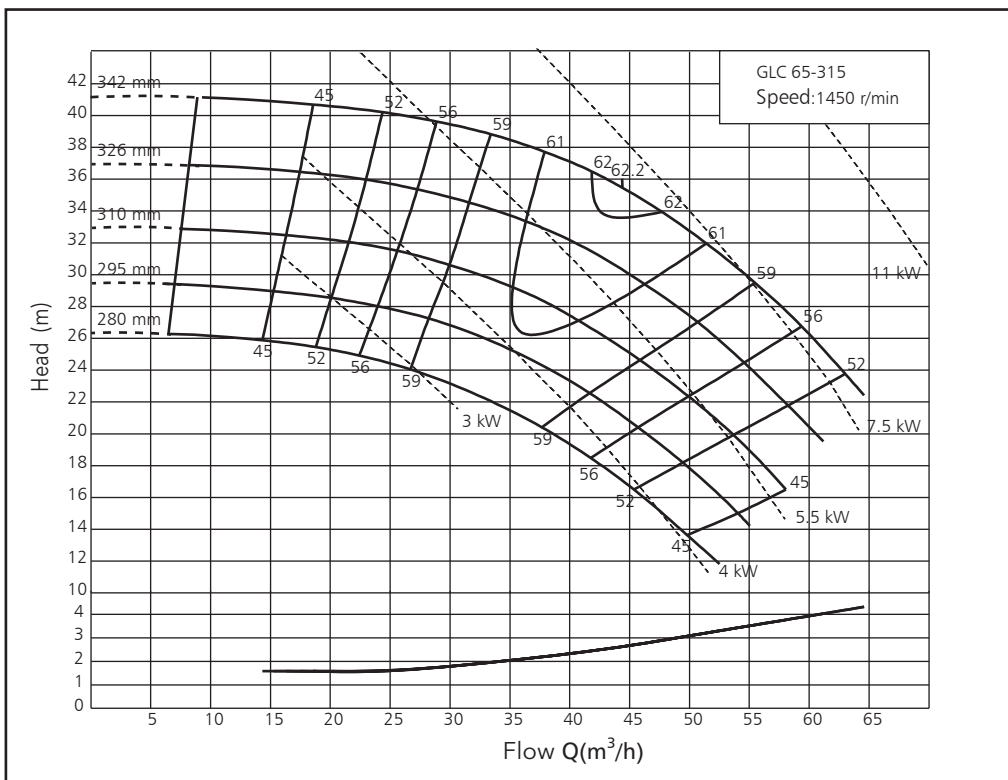


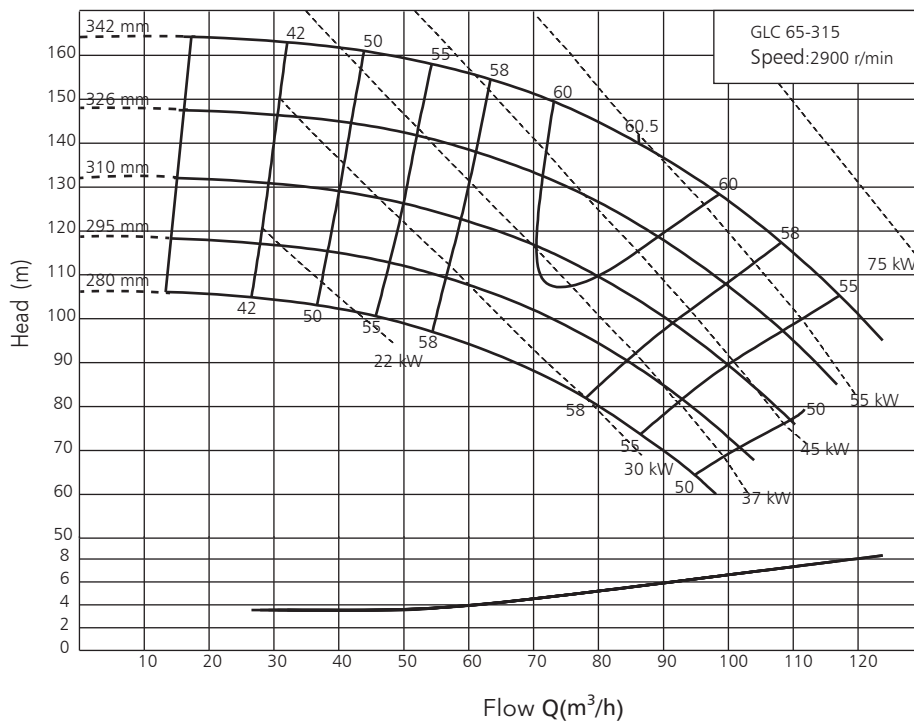
GLC 65-250 performance curve



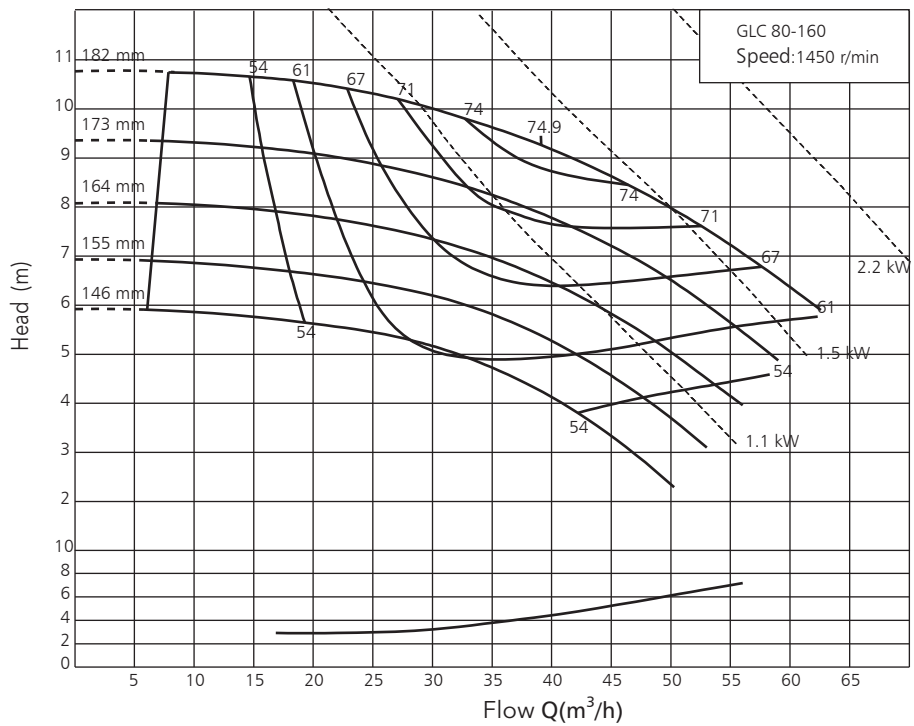


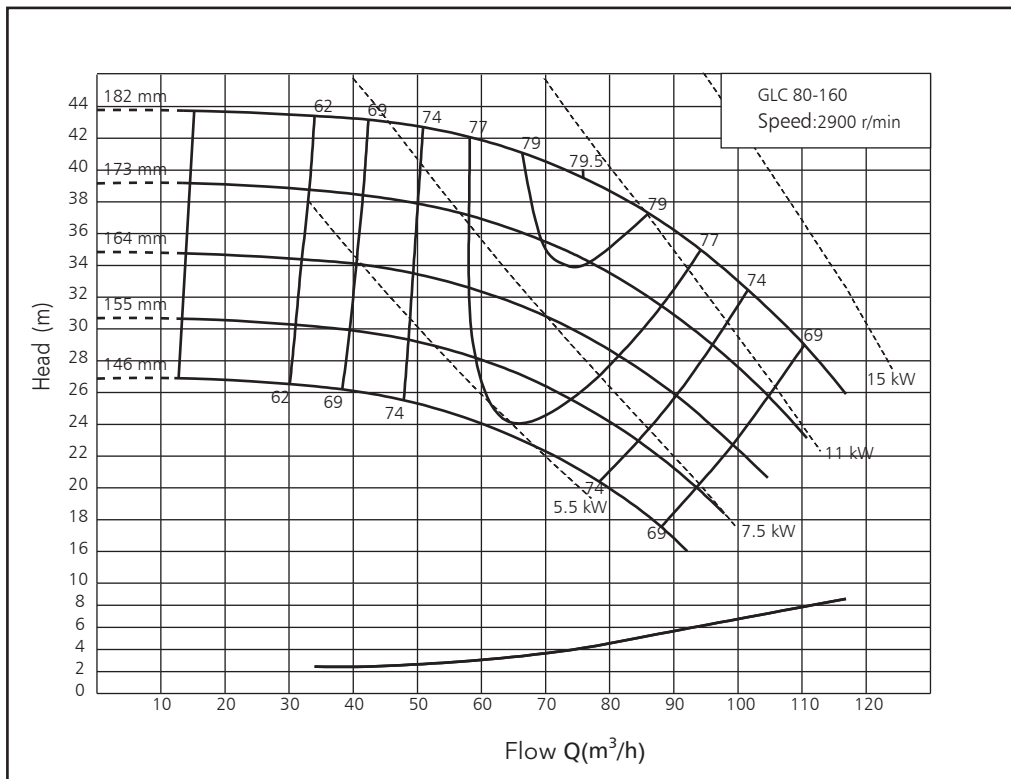
GLC 65-315 performance curve



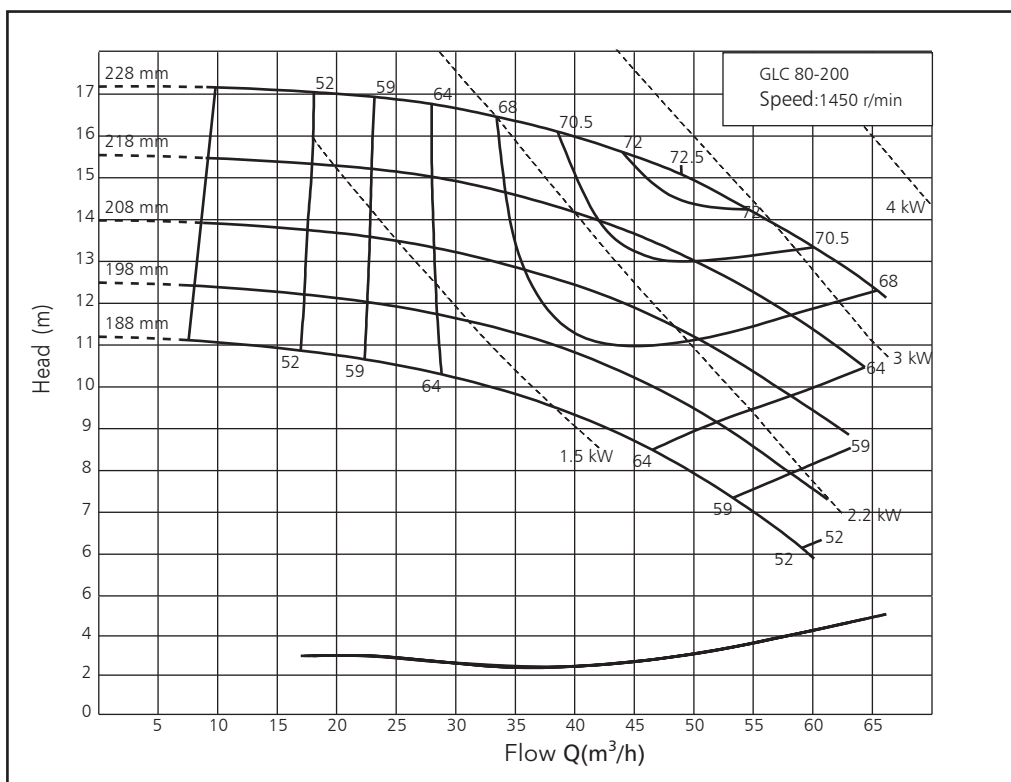


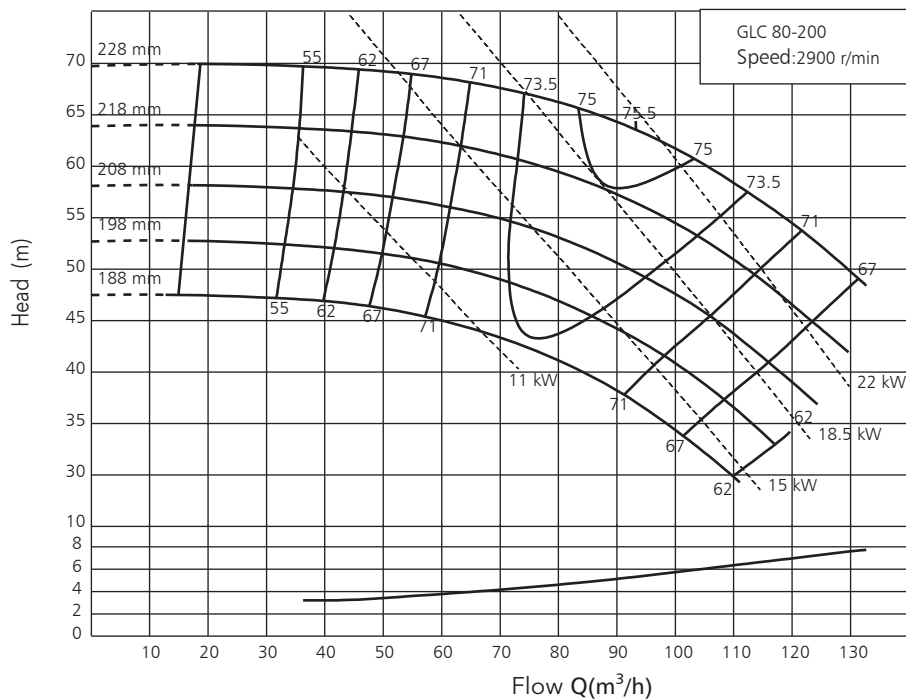
GLC 80-160 performance curve



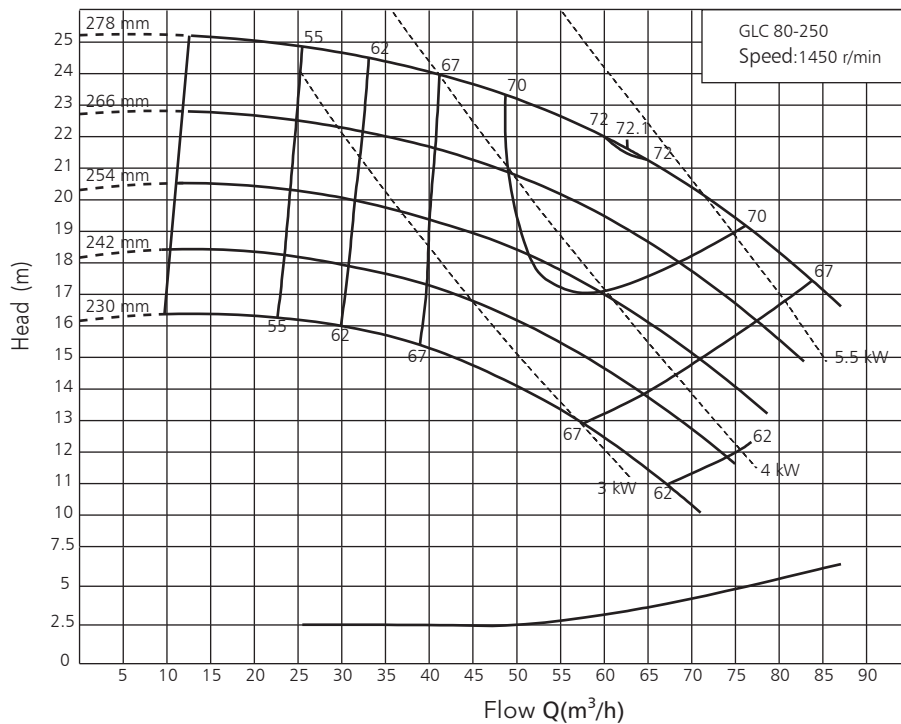


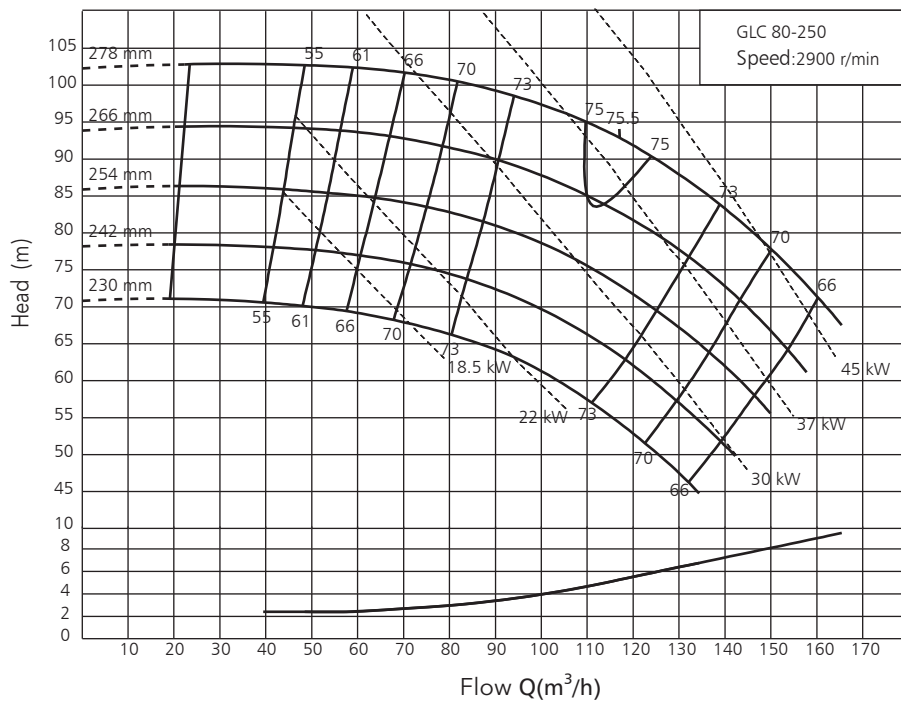
GLC 80-200 performance curve



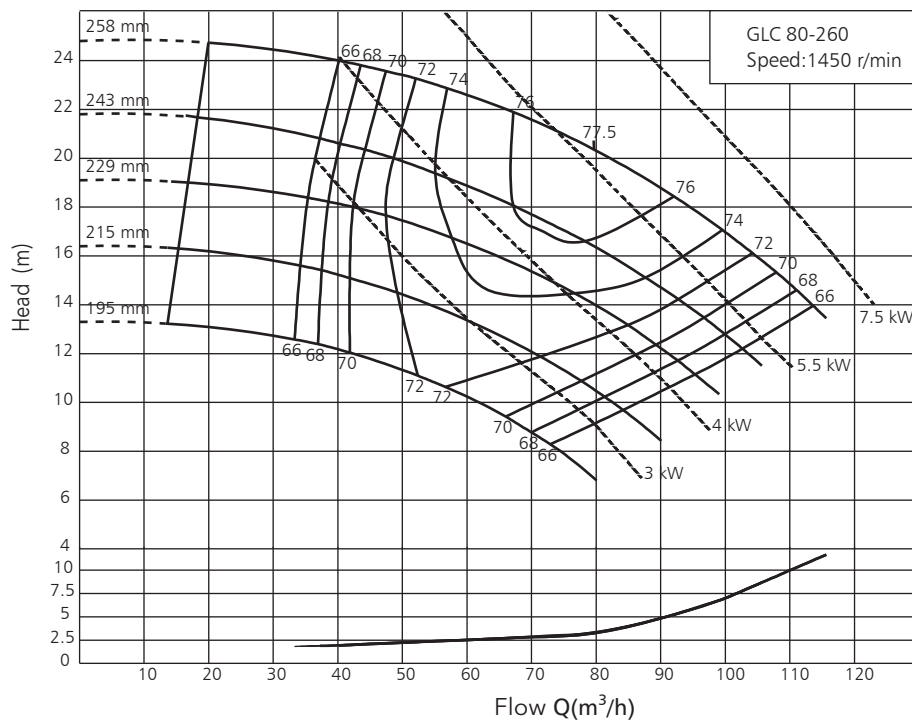


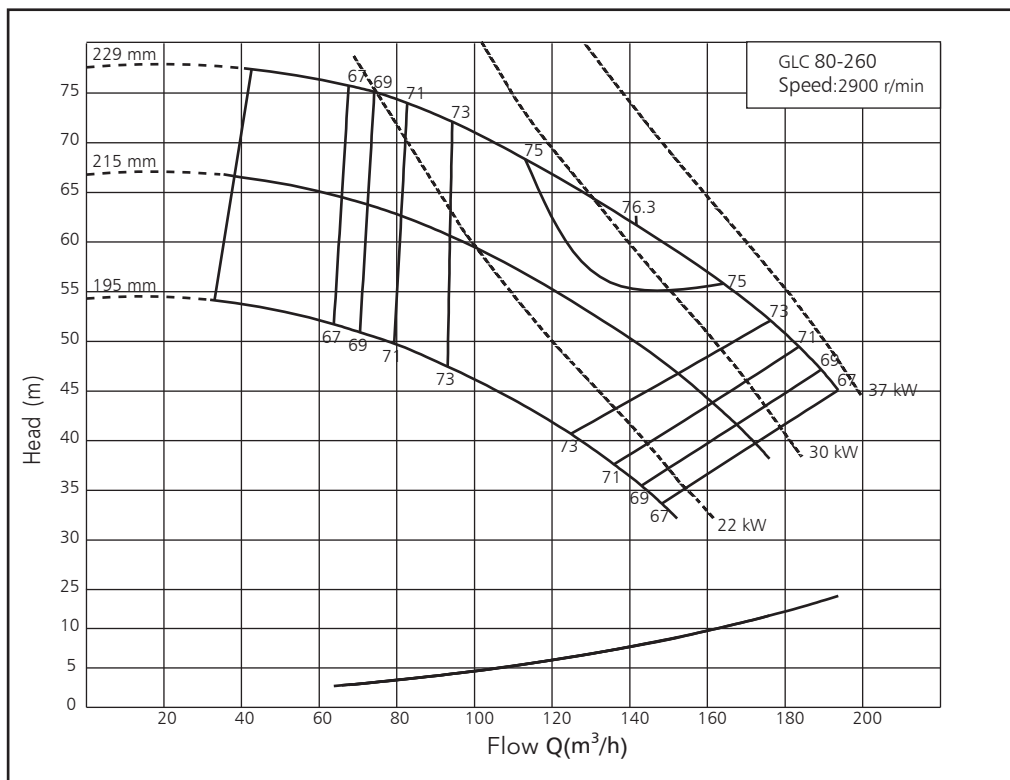
GLC 80-250 performance curve



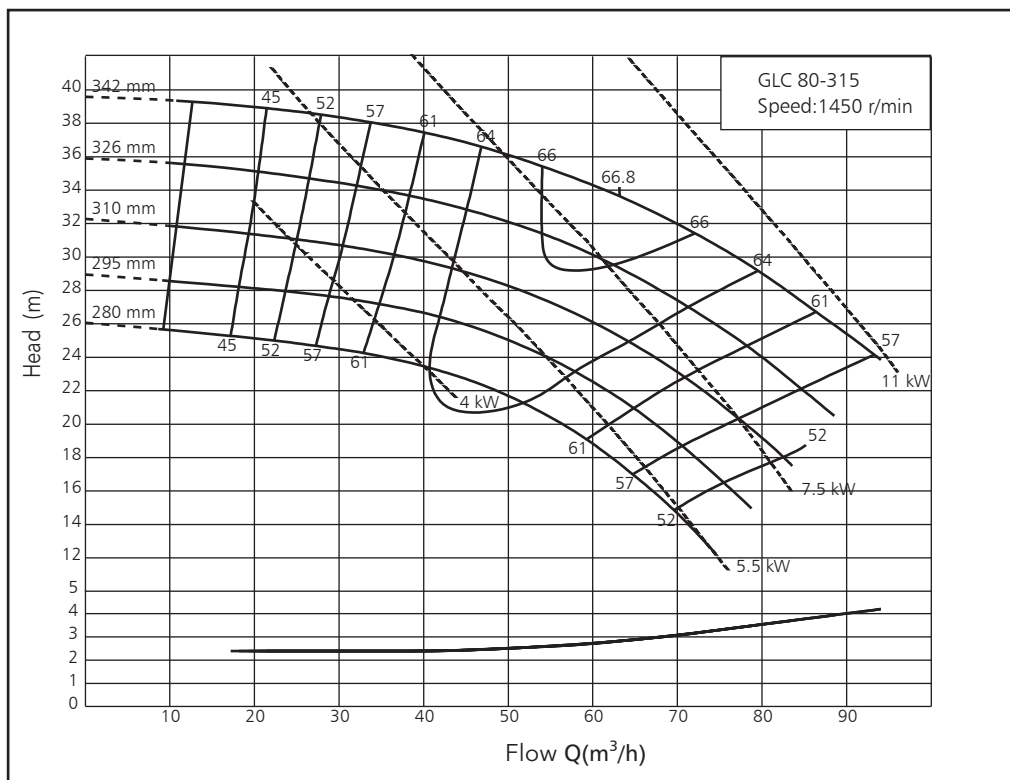


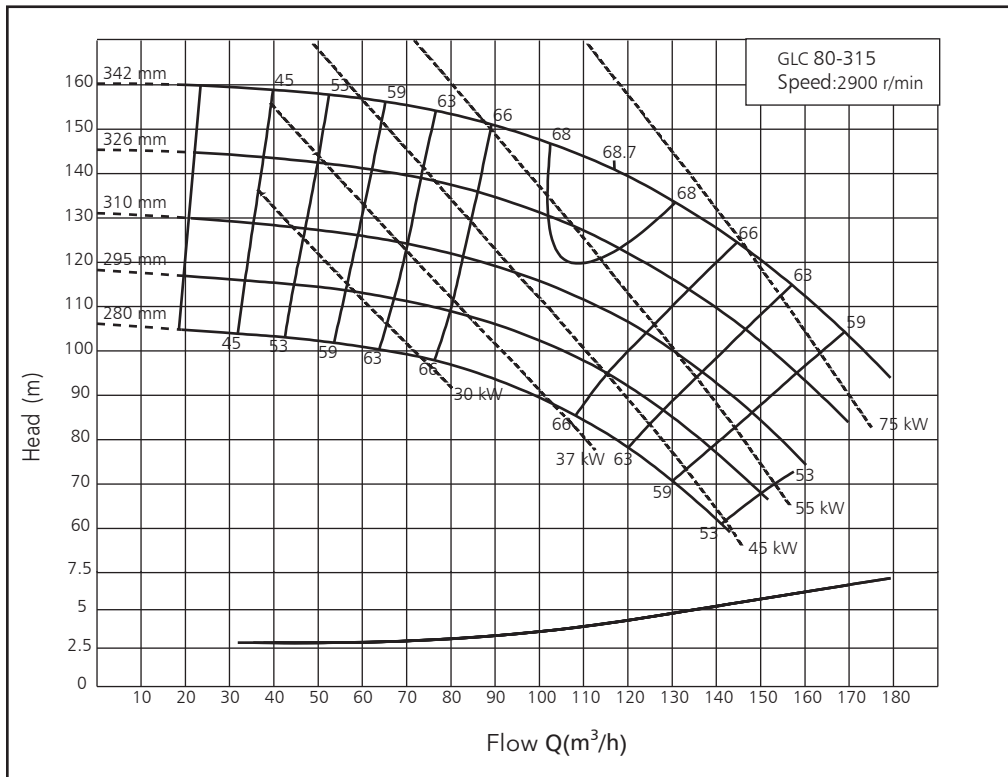
GLC 80-260 performance curve



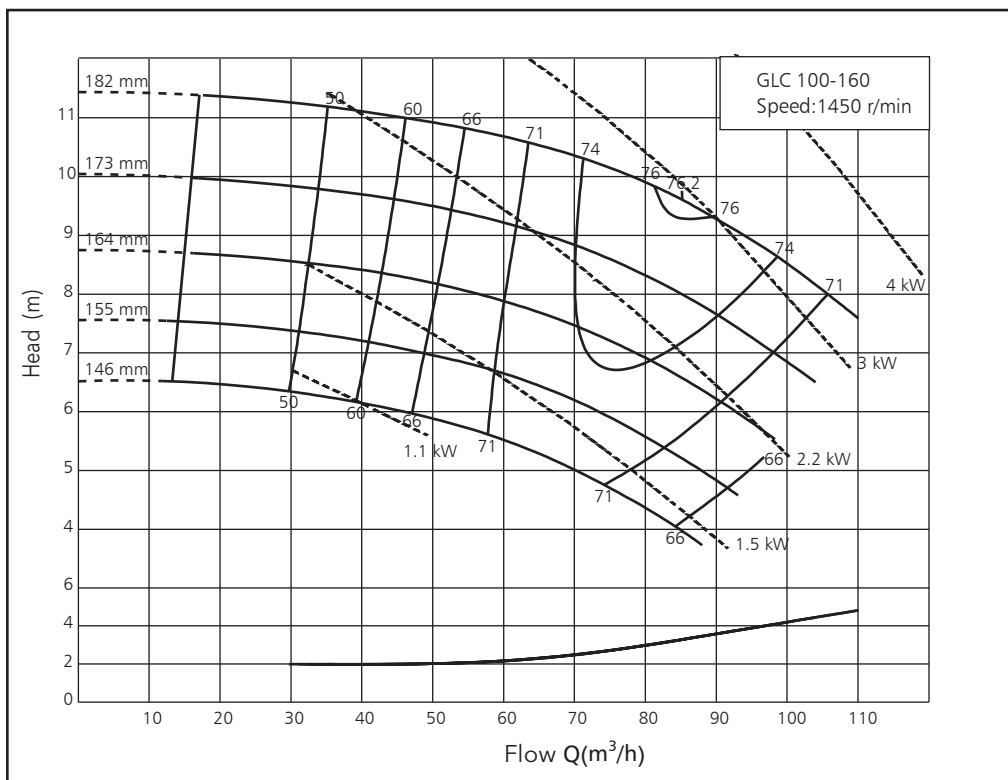


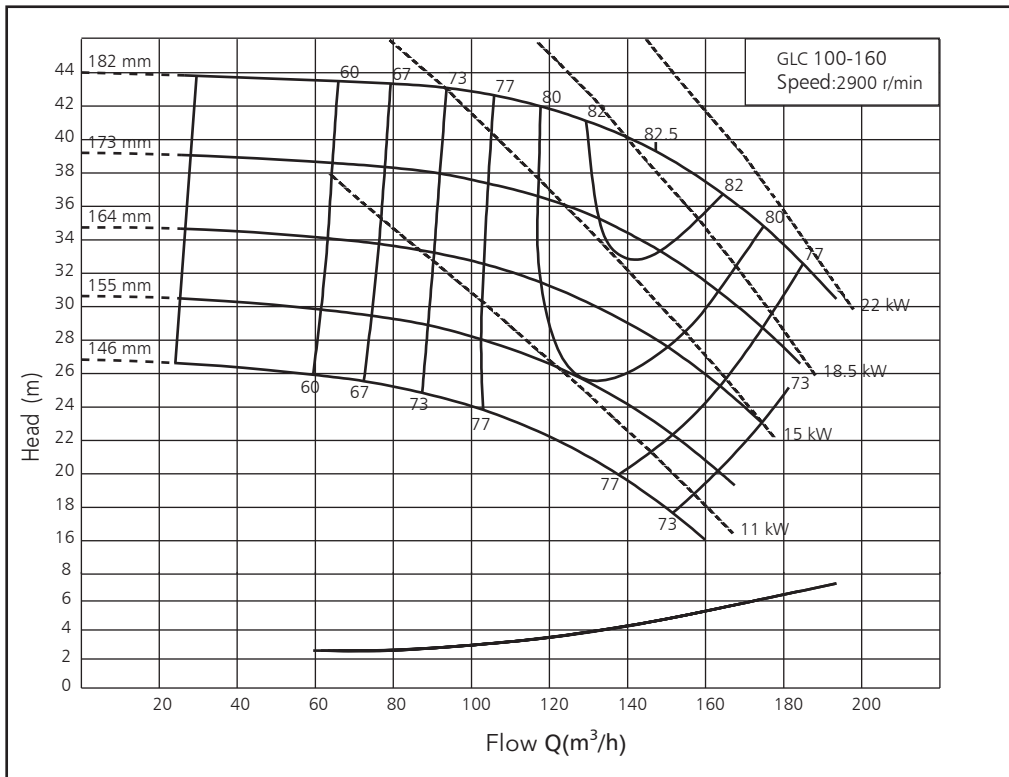
GLC 80-315 performance curve



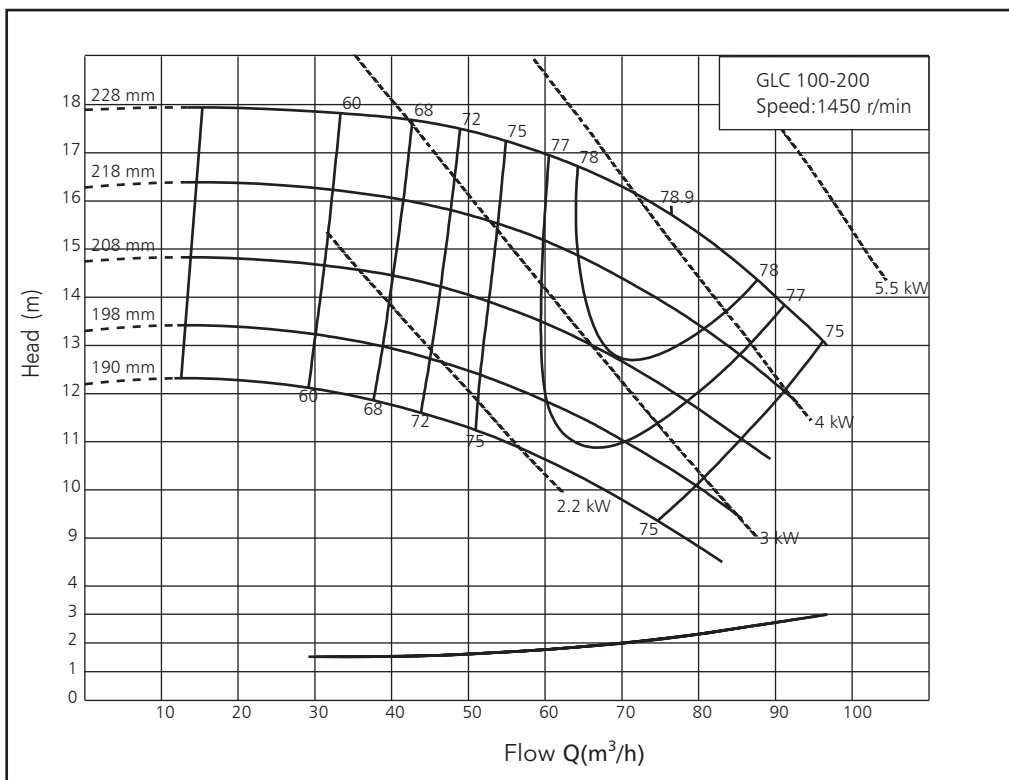


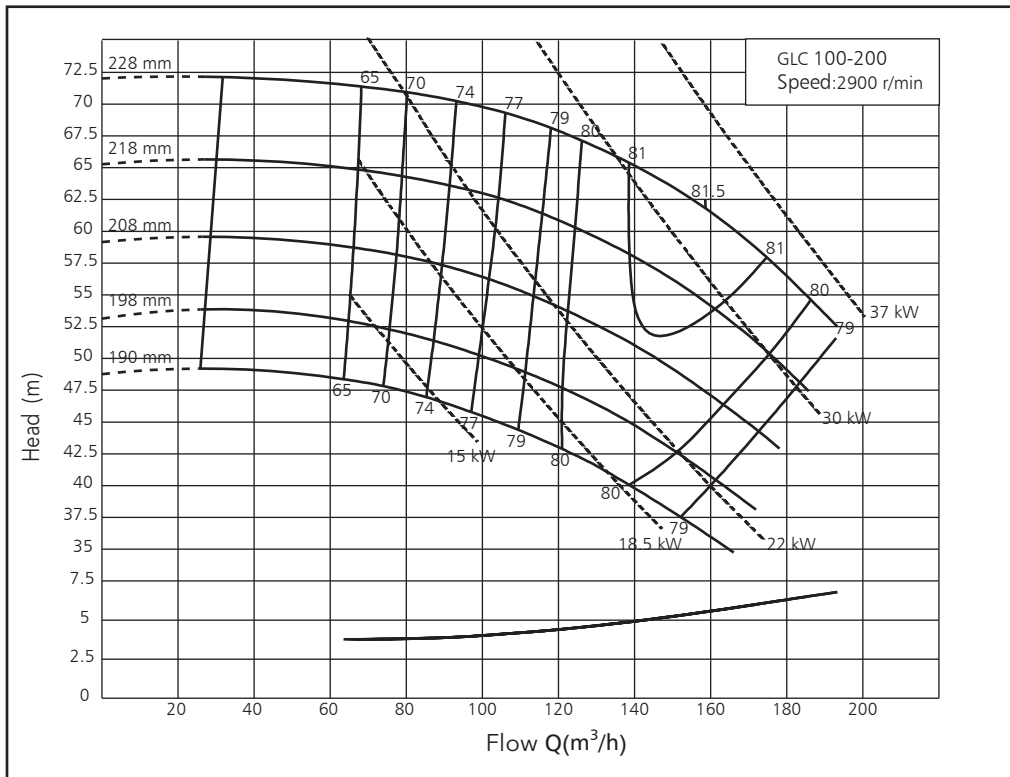
GLC 100-160 performance curve



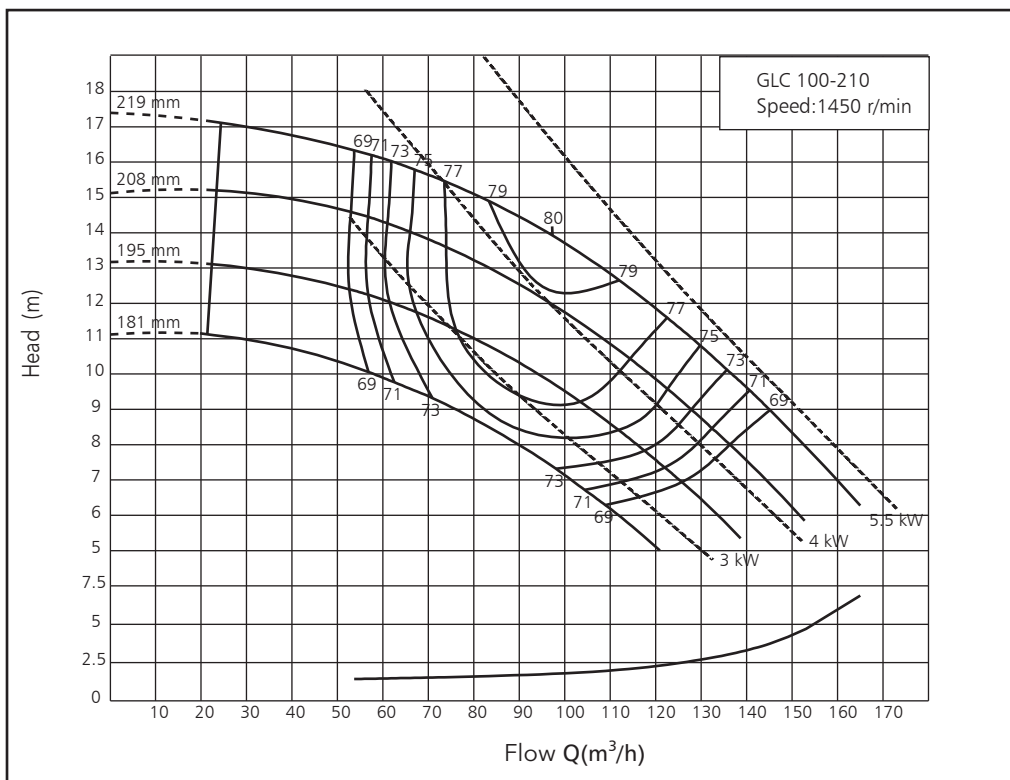


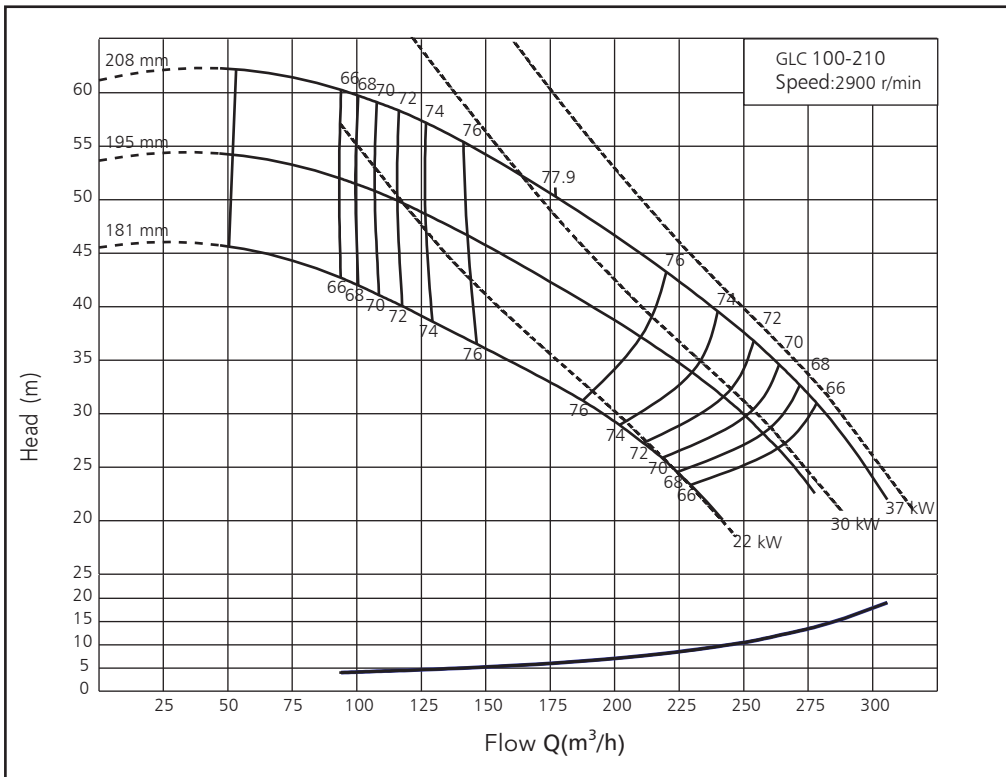
GLC 100-200 performance curve



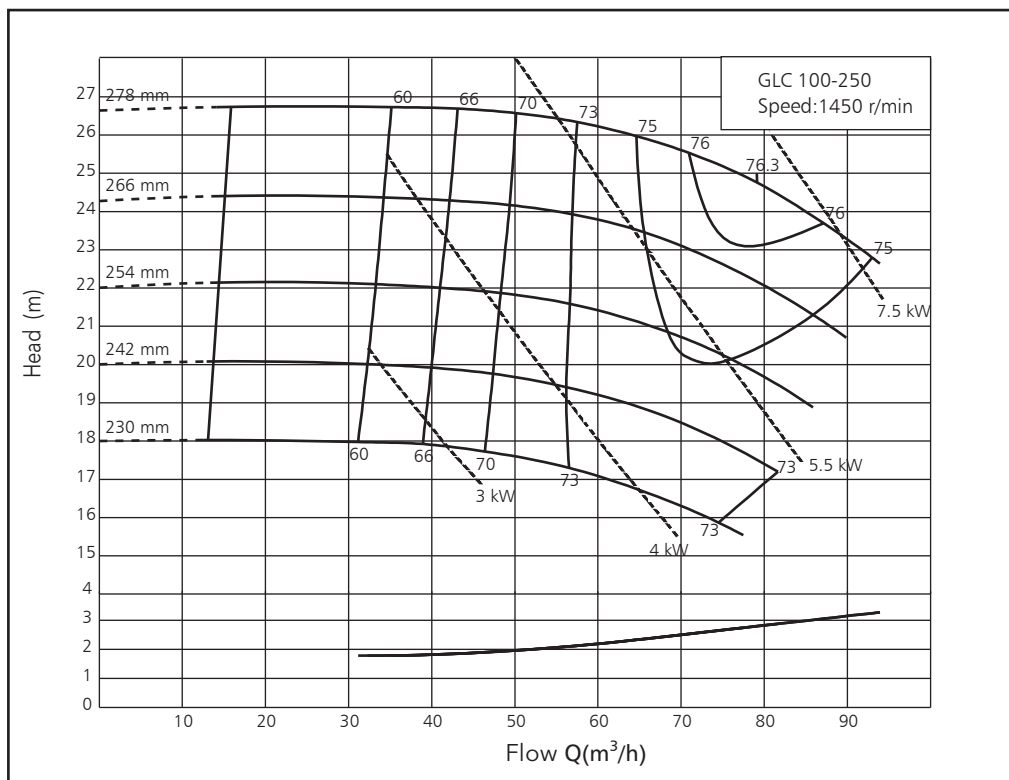


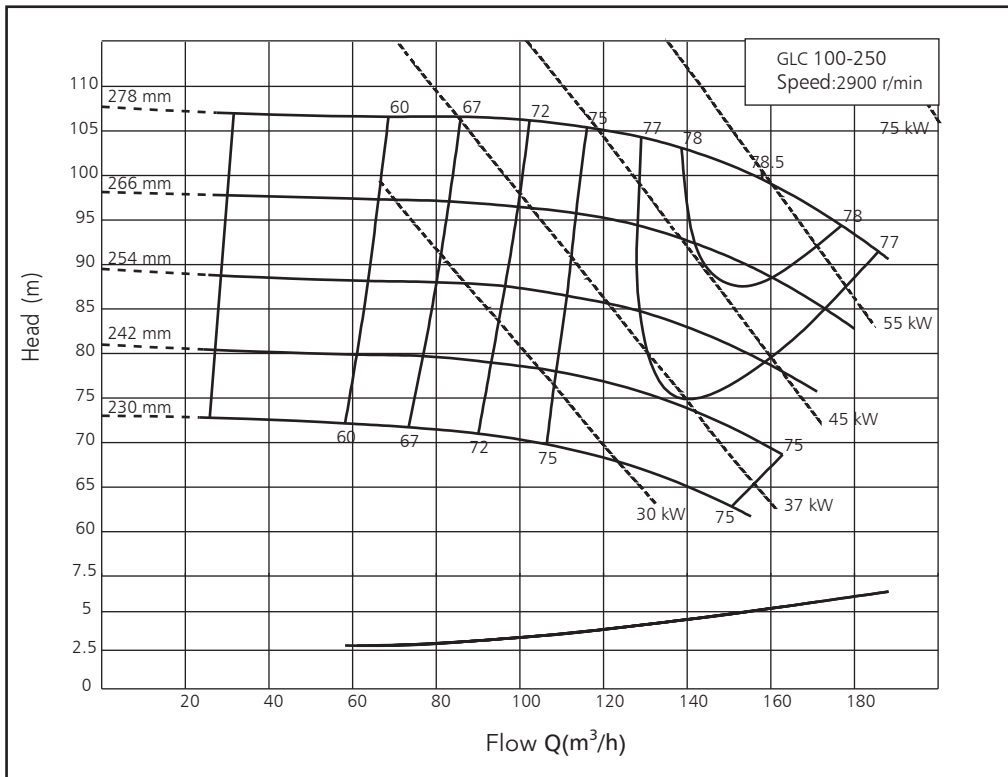
GLC 100-210 performance curve



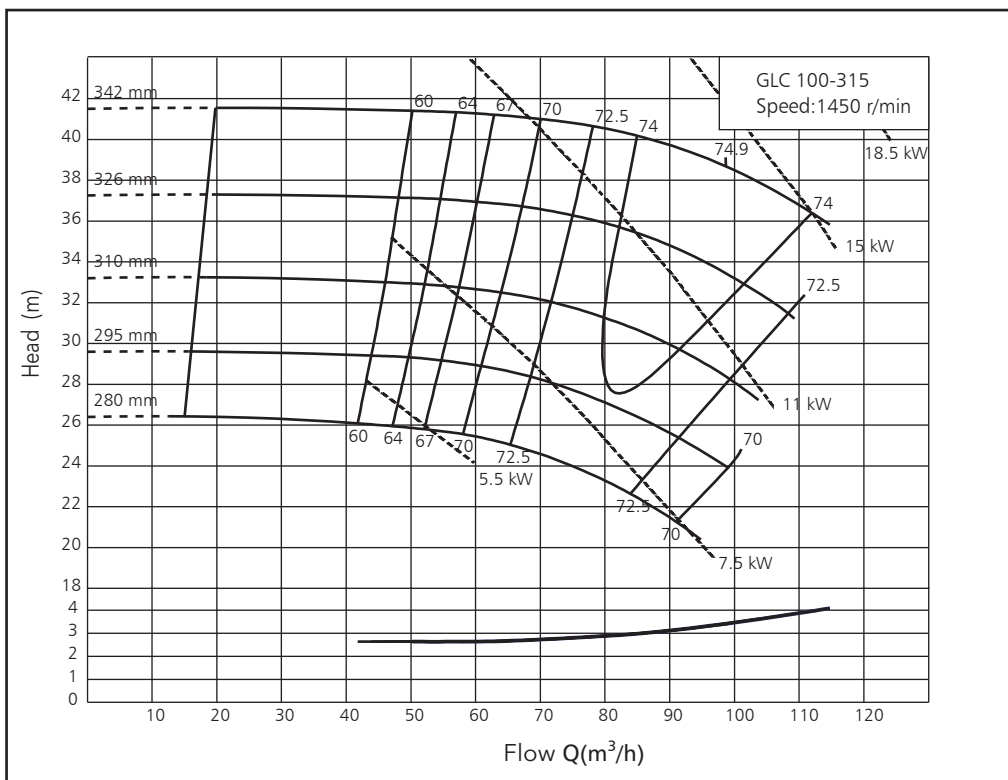


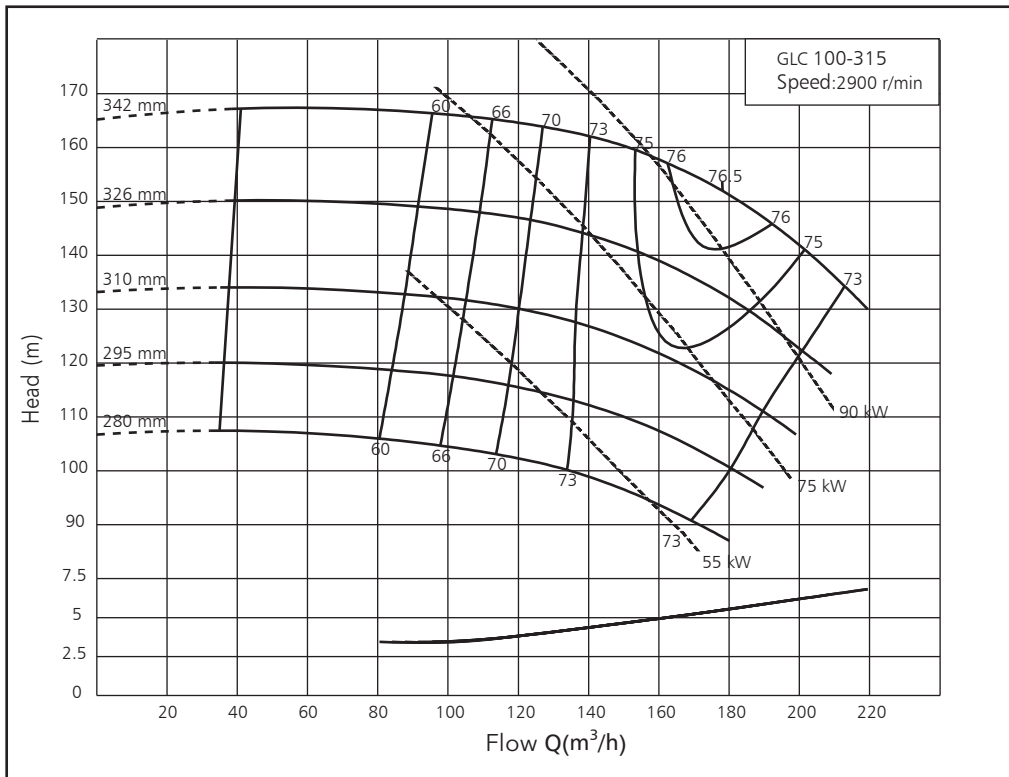
GLC 100-250 performance curve



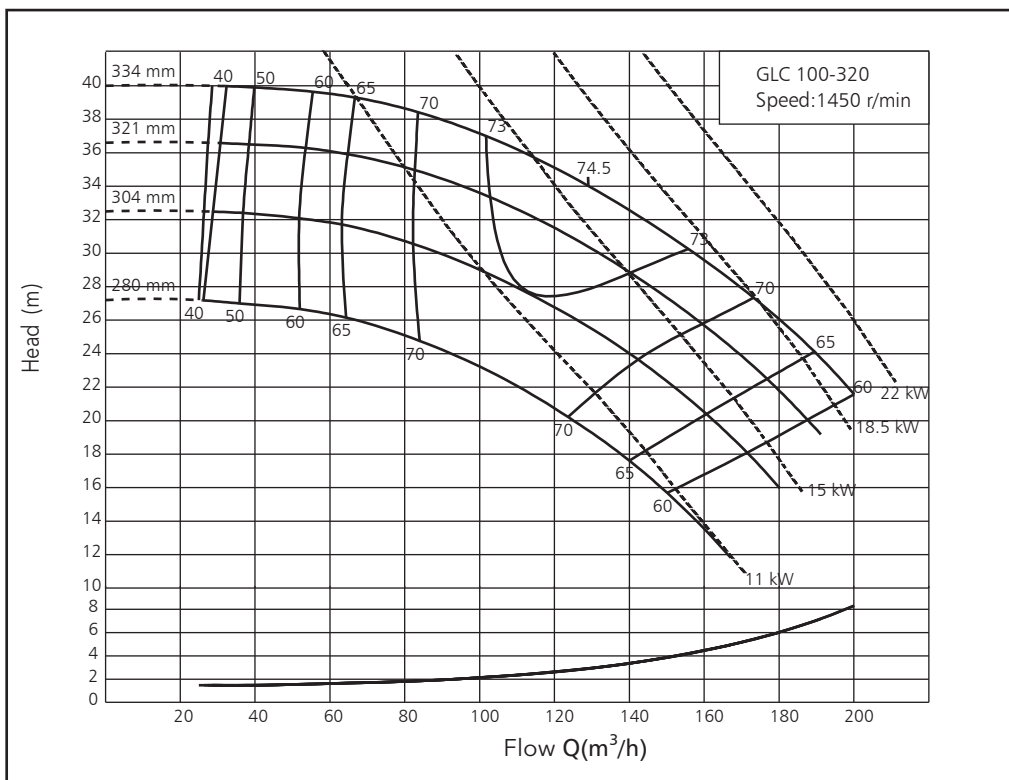


GLC 100-315 performance curve

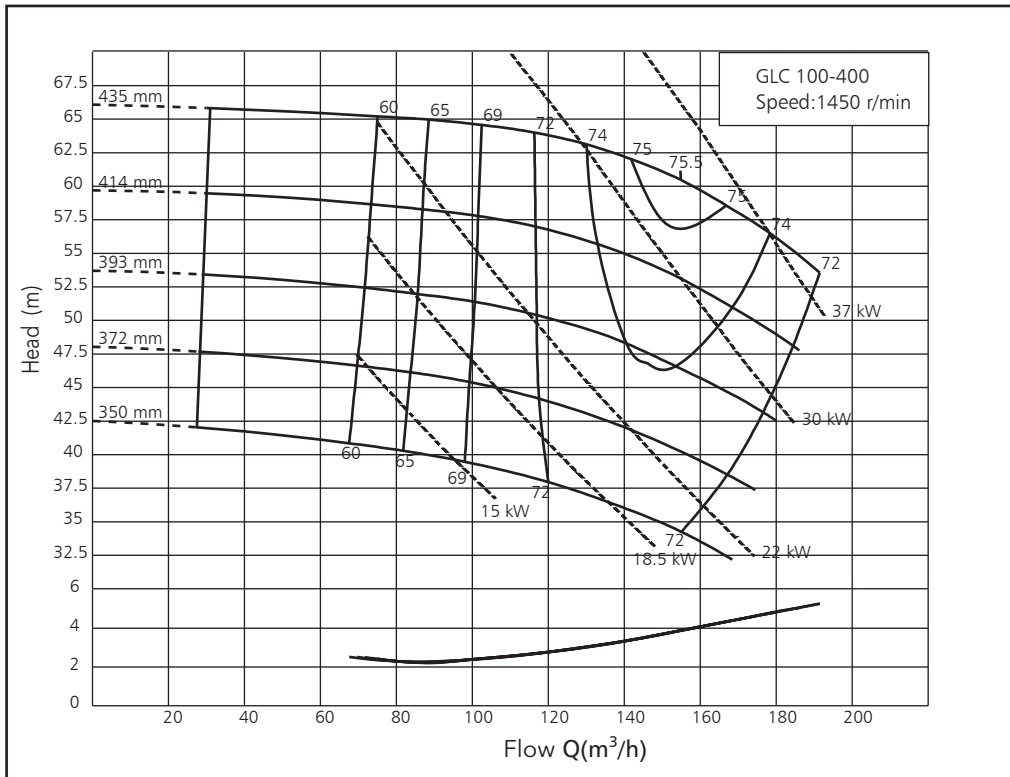




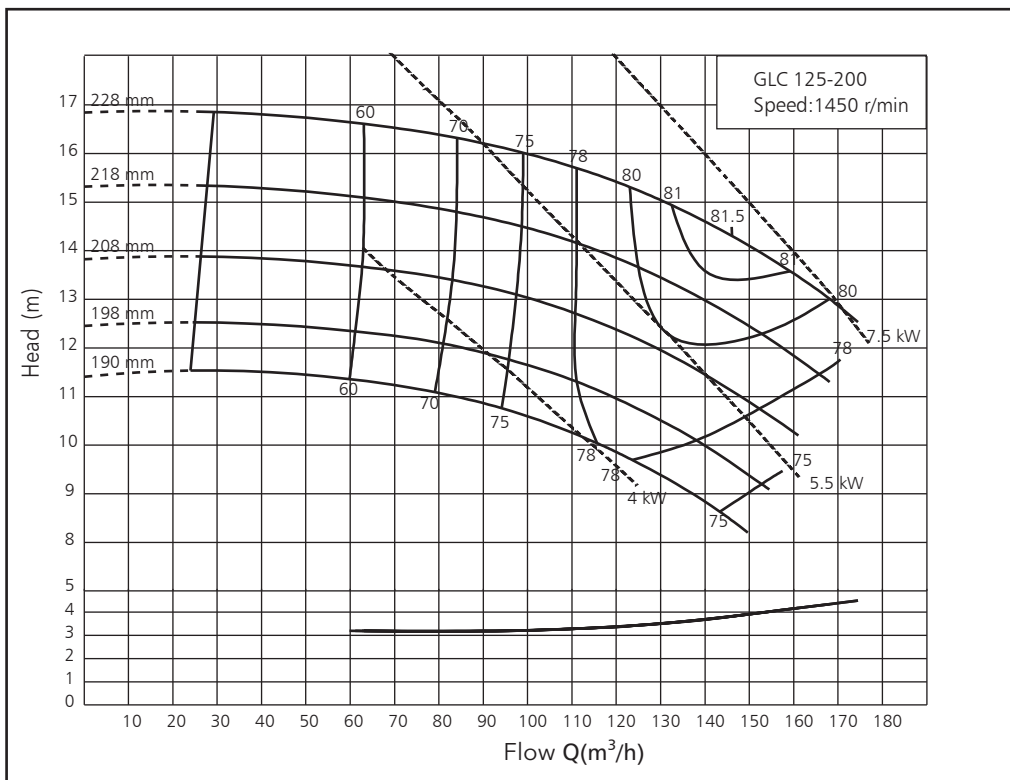
GLC 100-320 performance curve

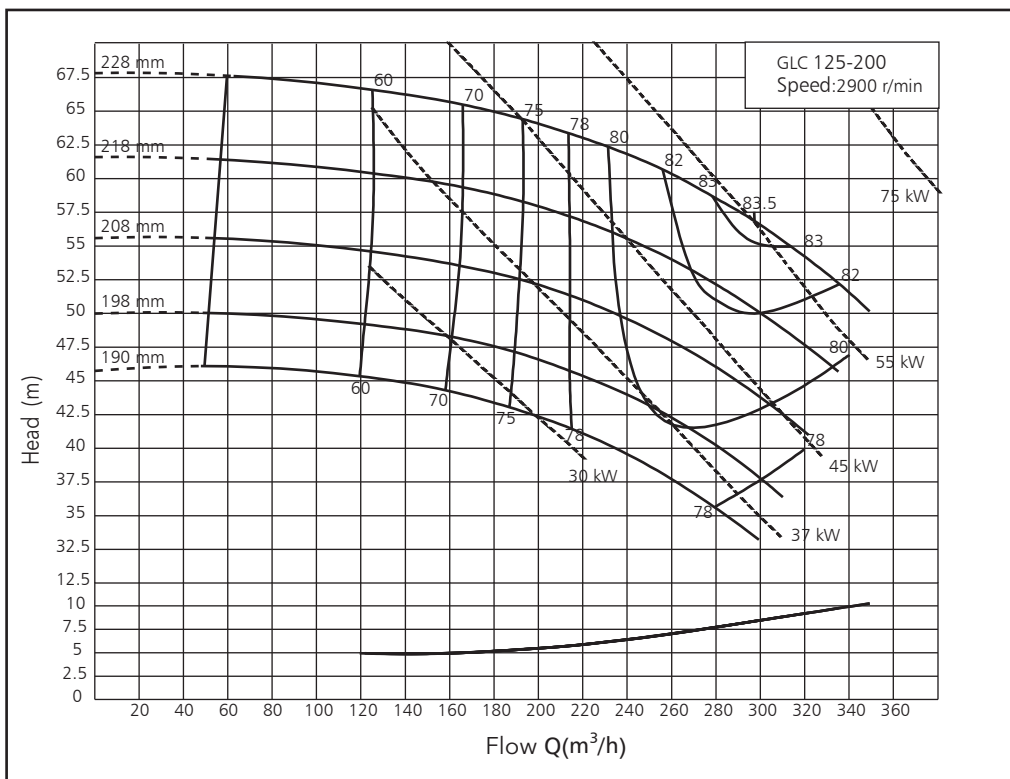


GLC 100-400 performance curve

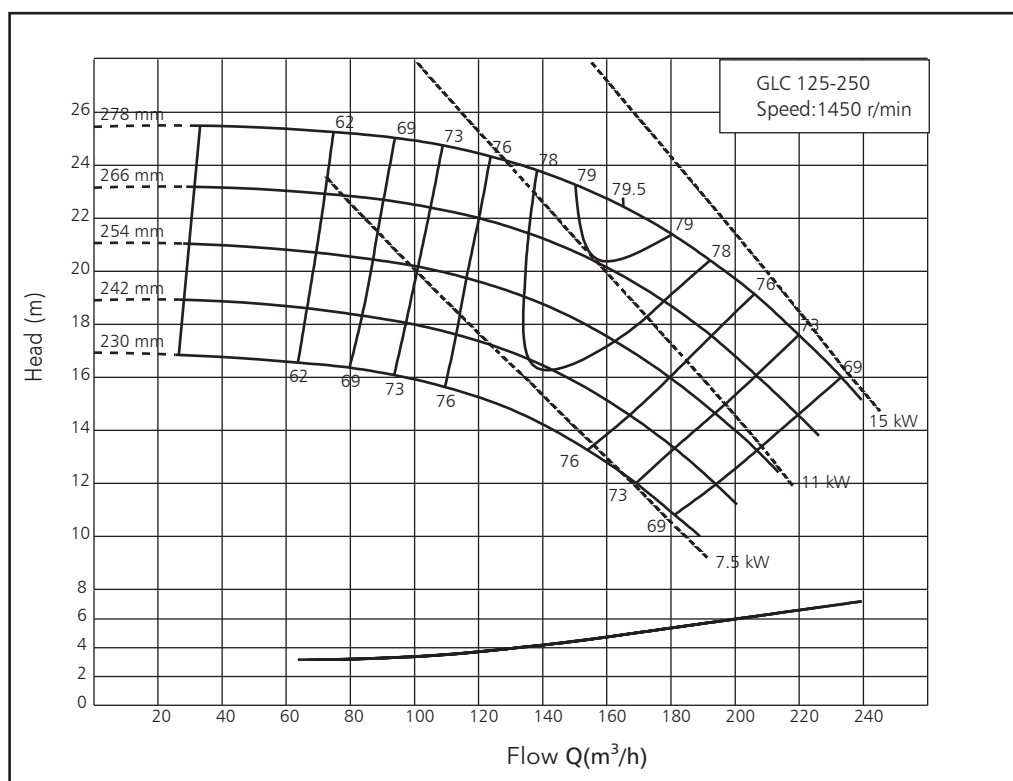


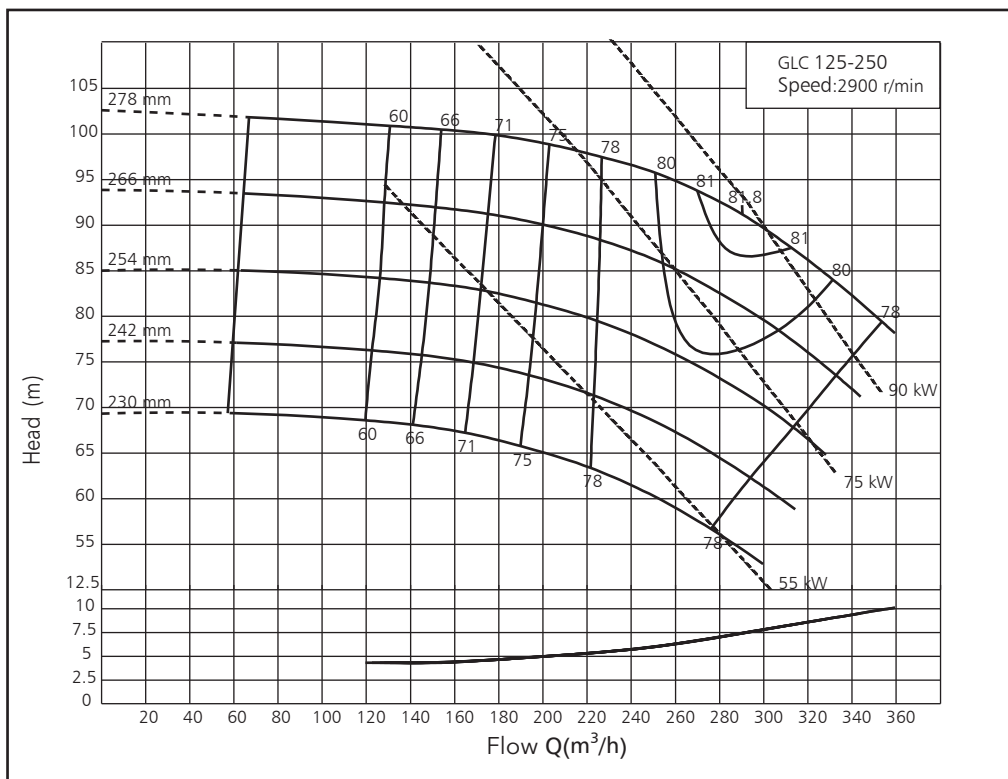
GLC 125-200 performance curve



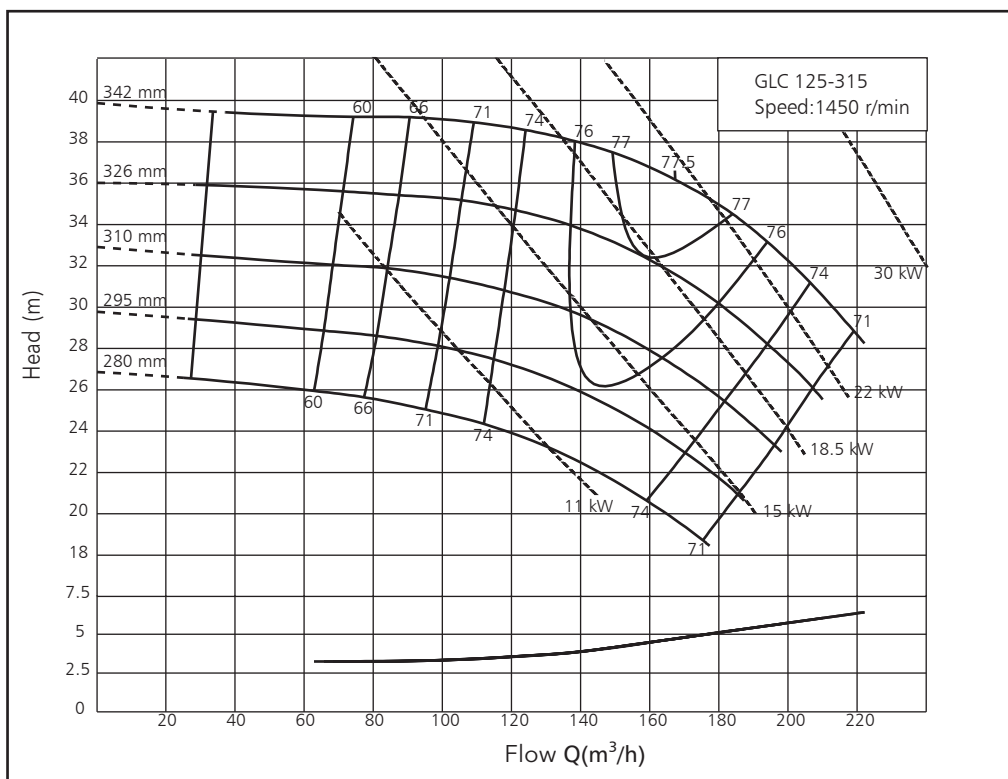


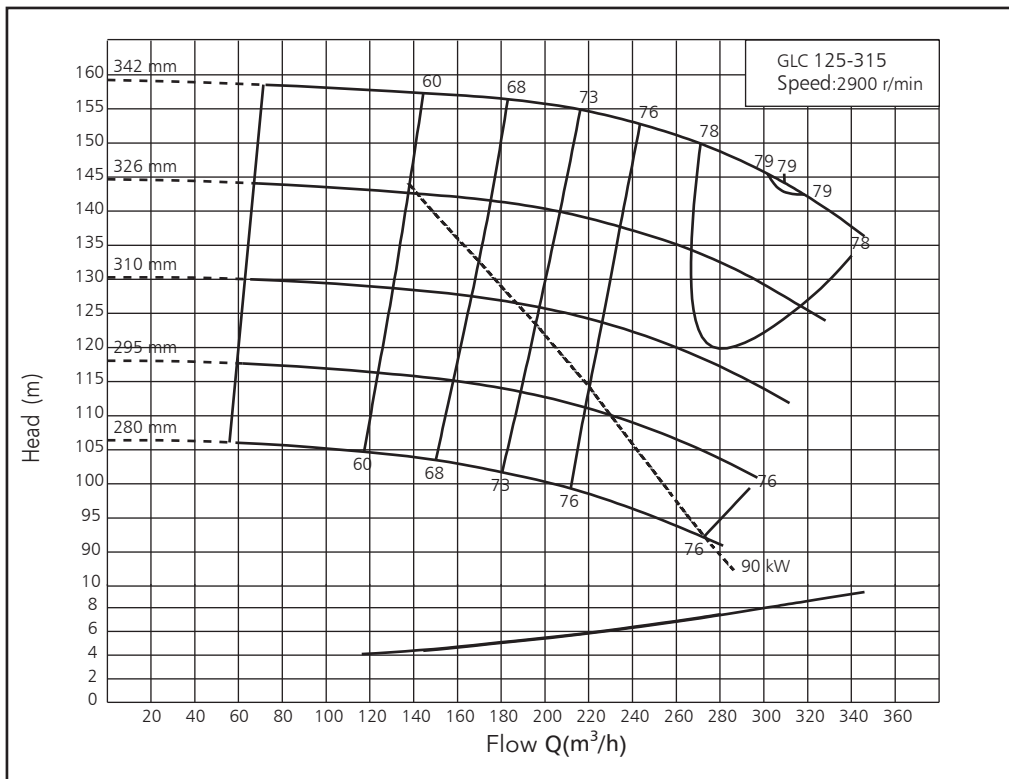
GLC 125-250 performance curve



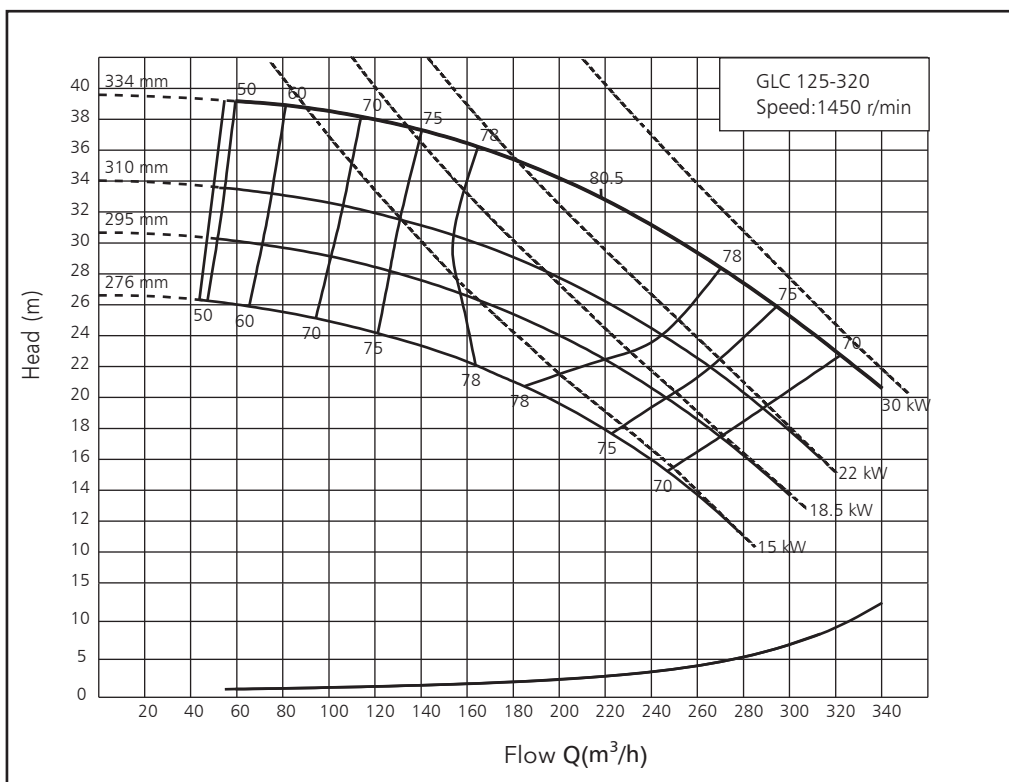


GLC 125-315 performance curve

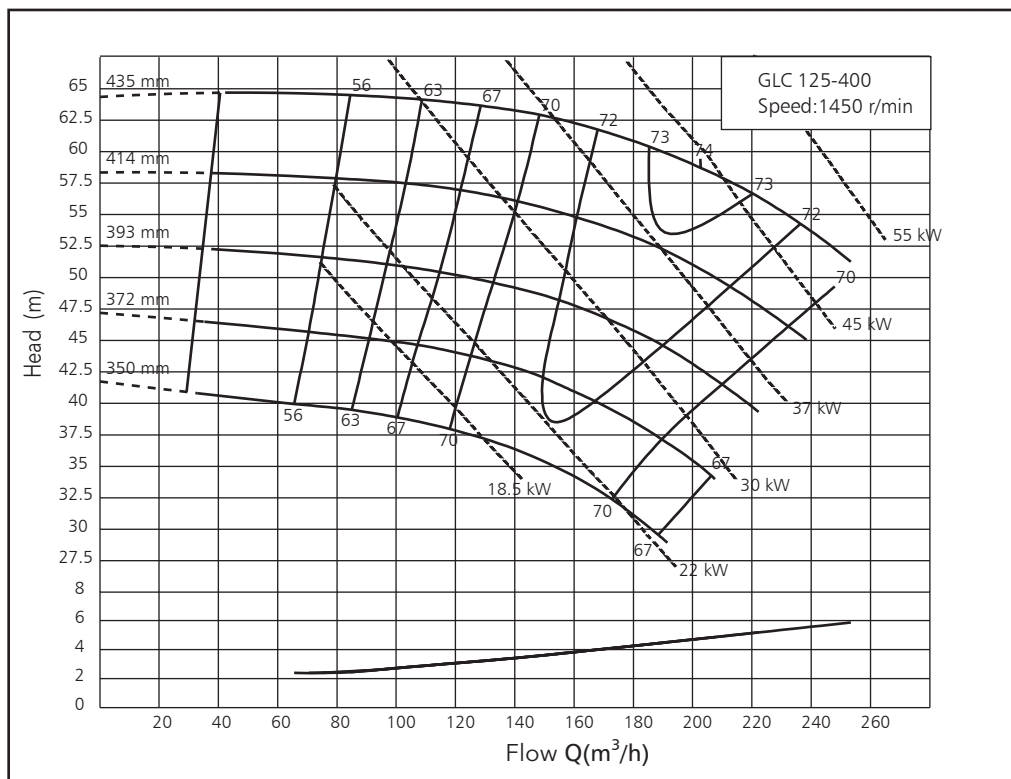




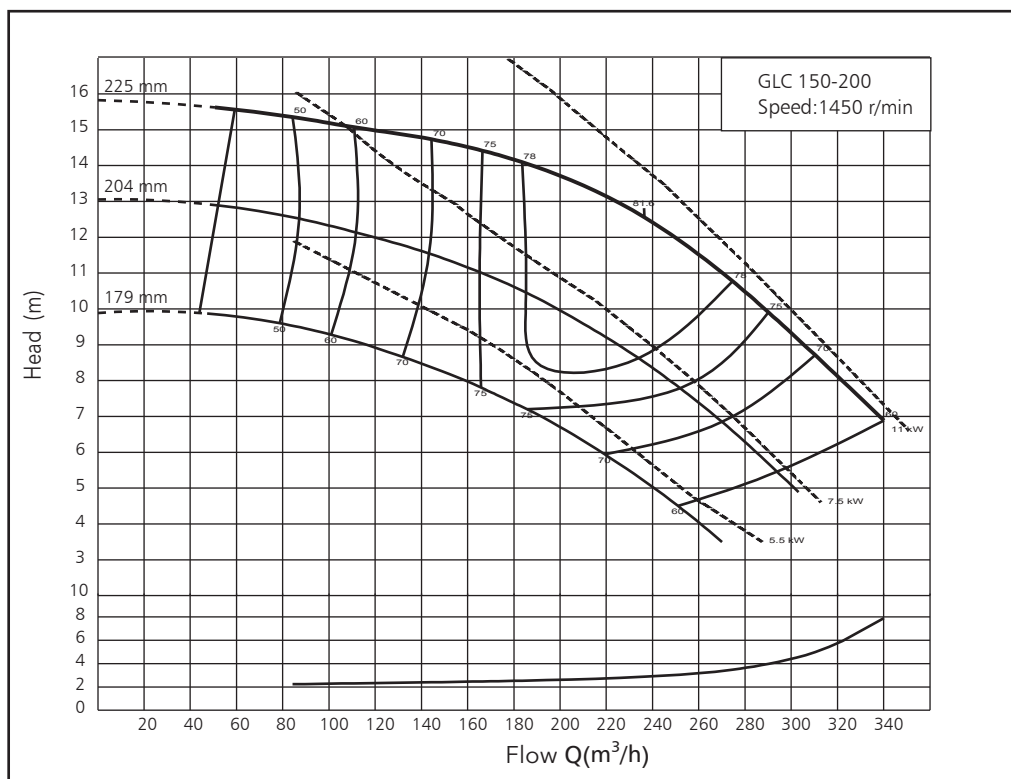
GLC 125-320 performance curve



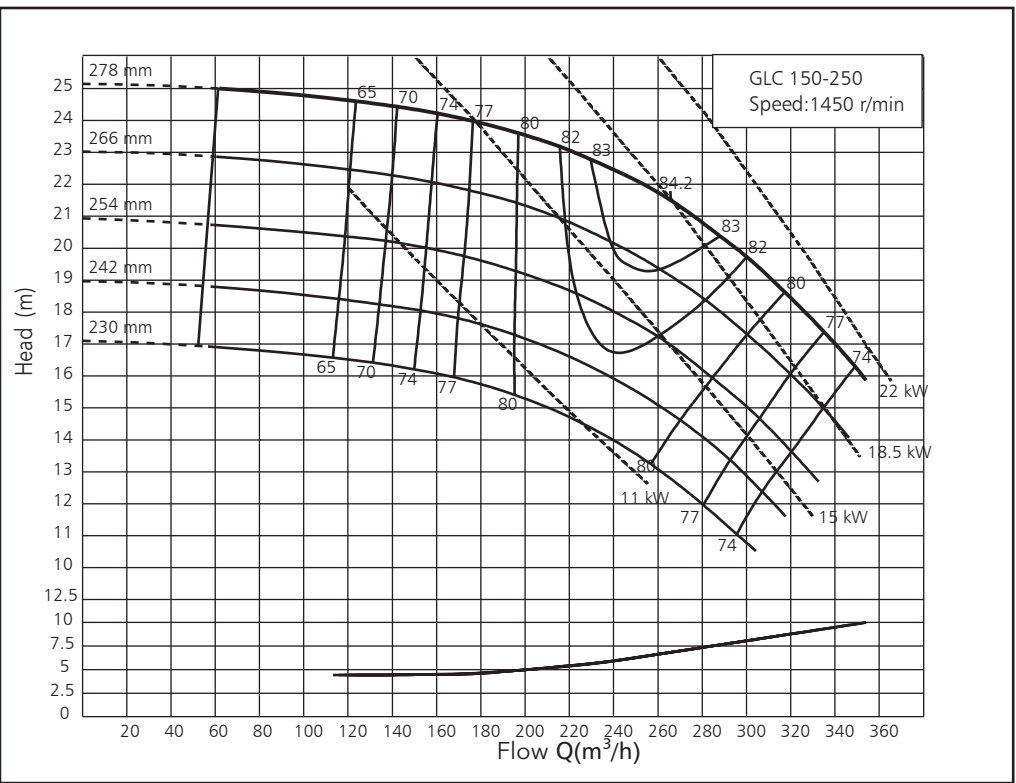
GLC 125-400 performance curve



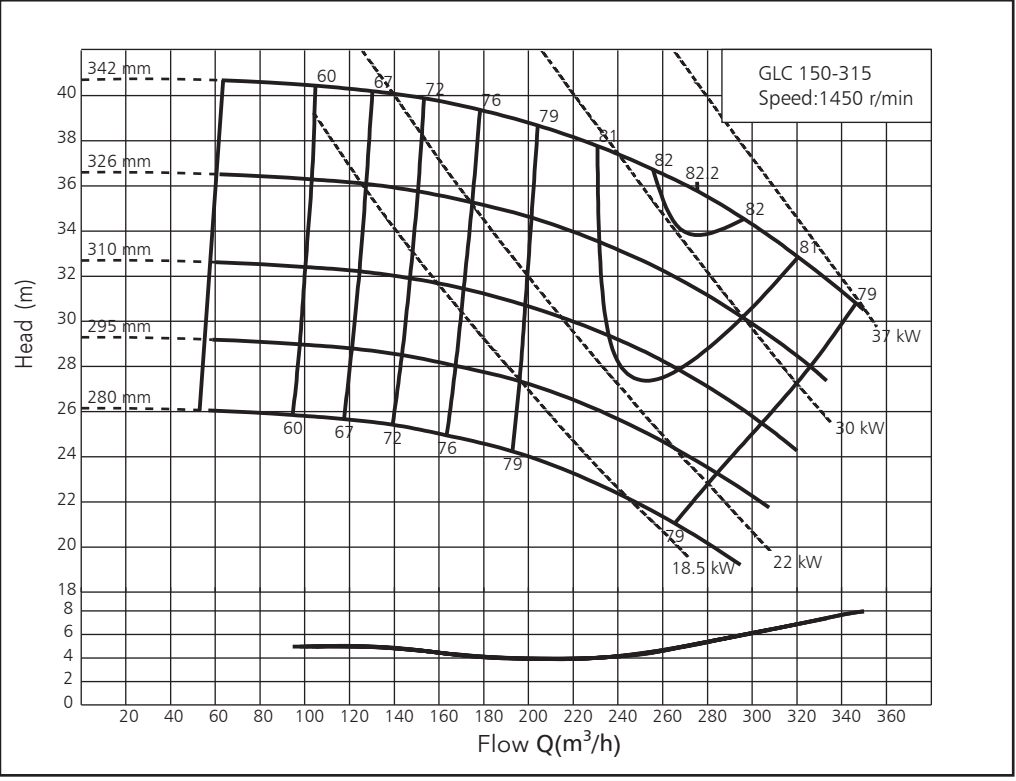
GLC 150-200 performance curve



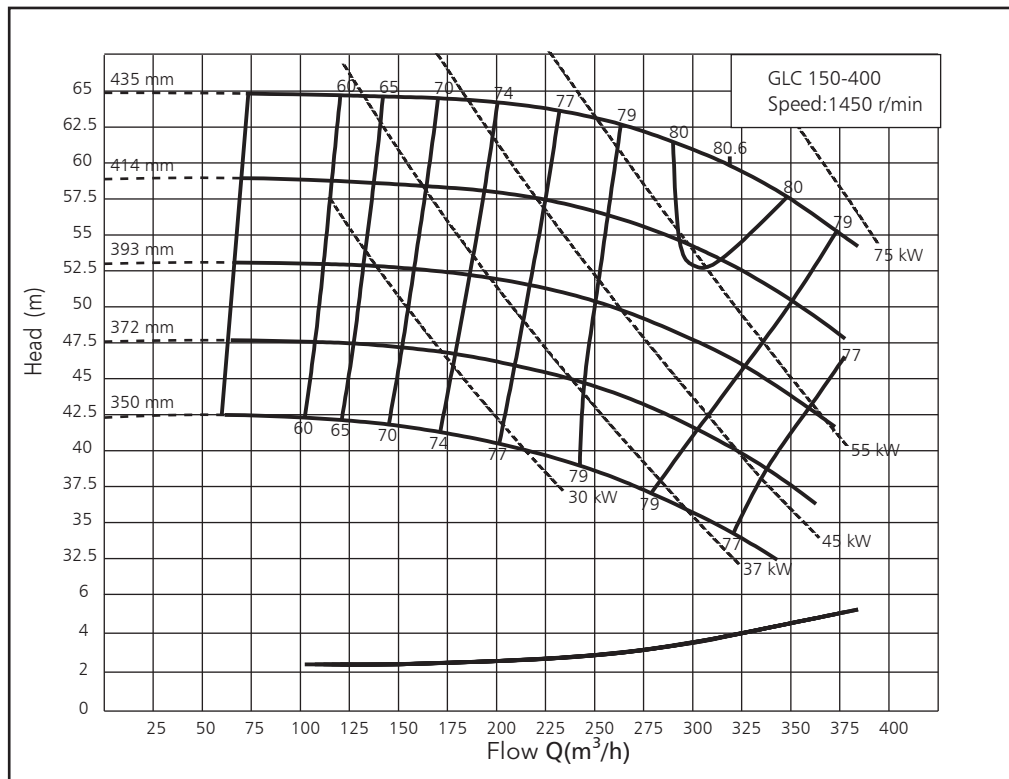
GLC 150-250 performance curve



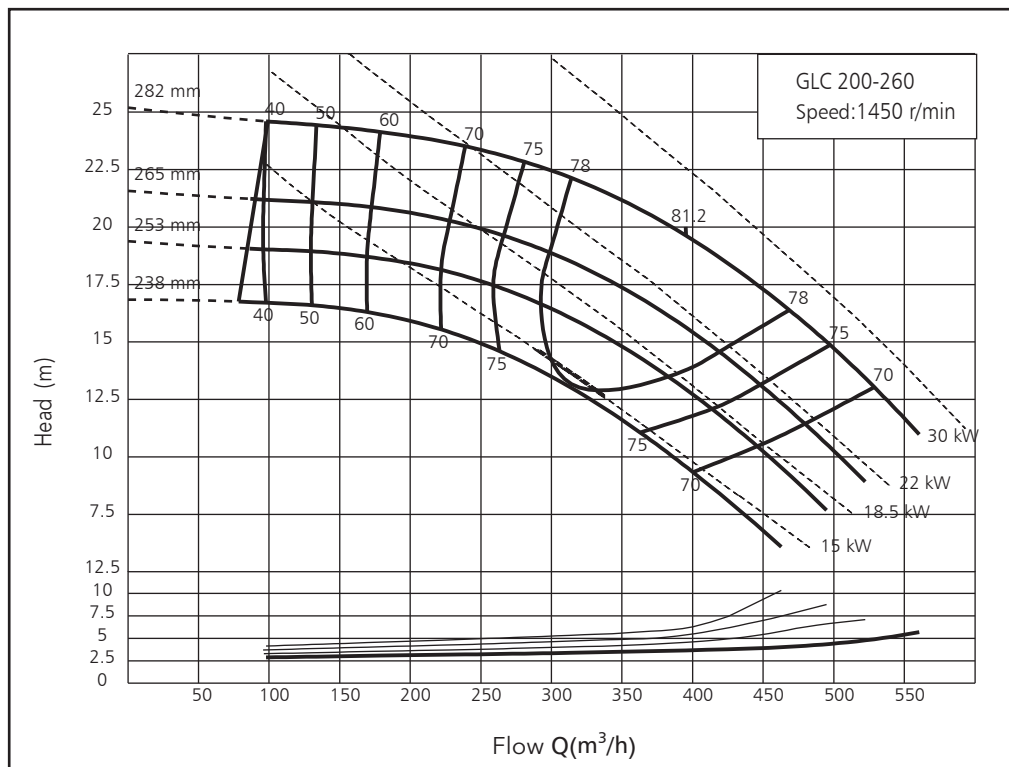
GLC 150-315 performance curve



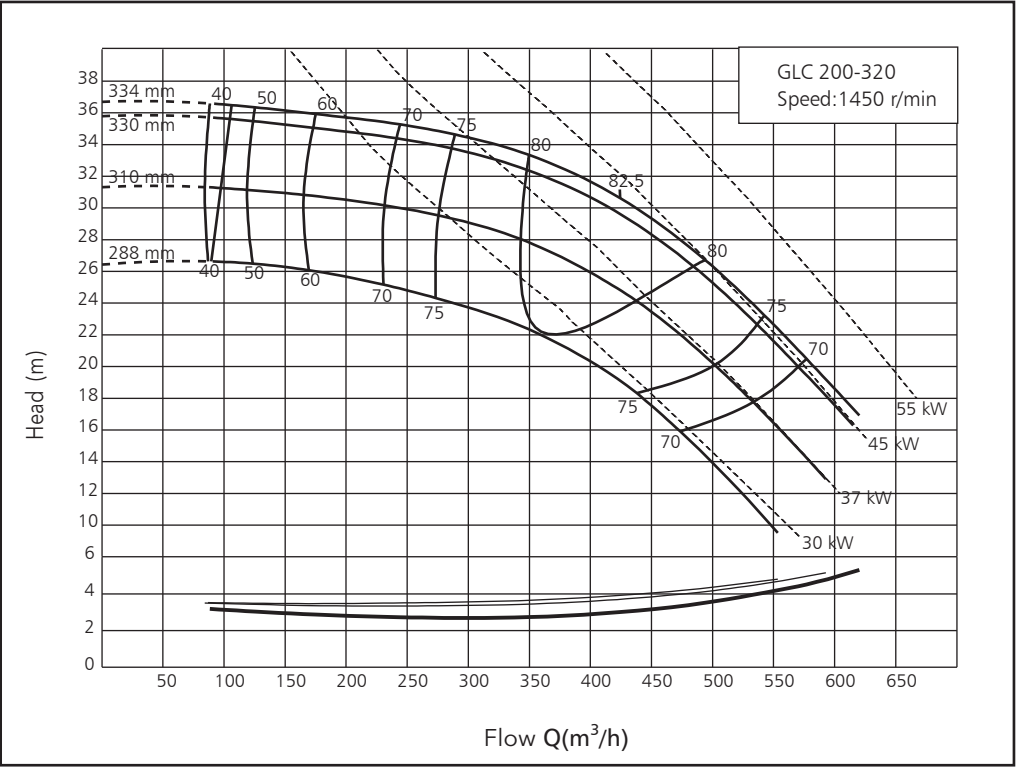
GLC 150-400 performance curve



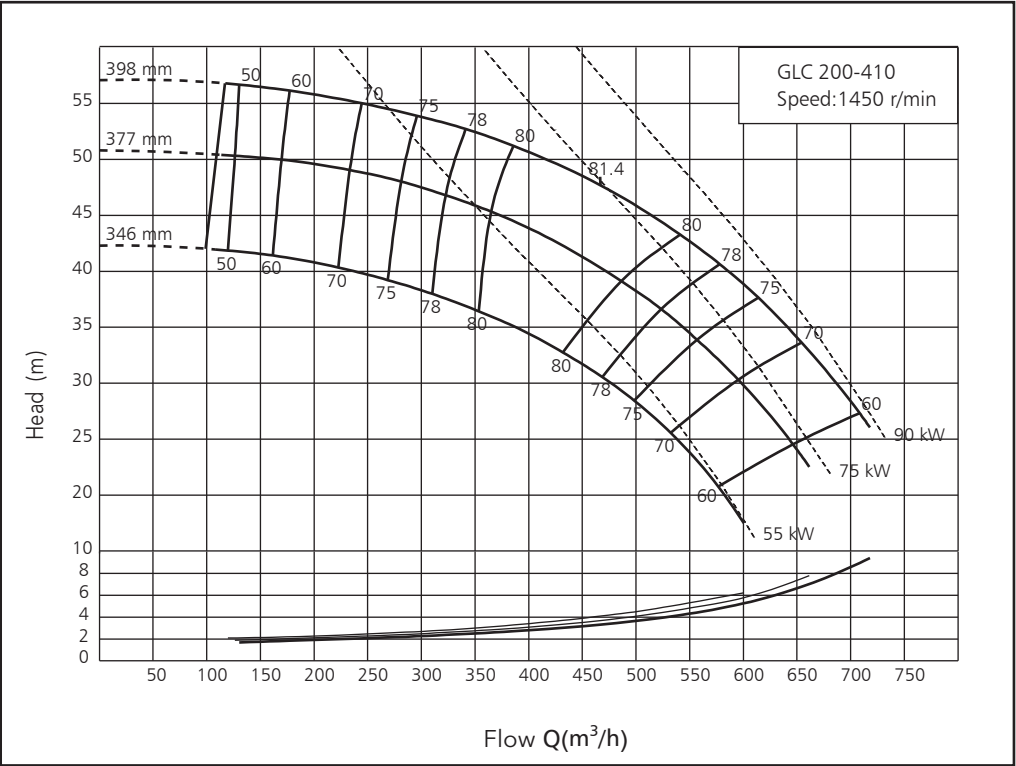
GLC 200-260 performance curve



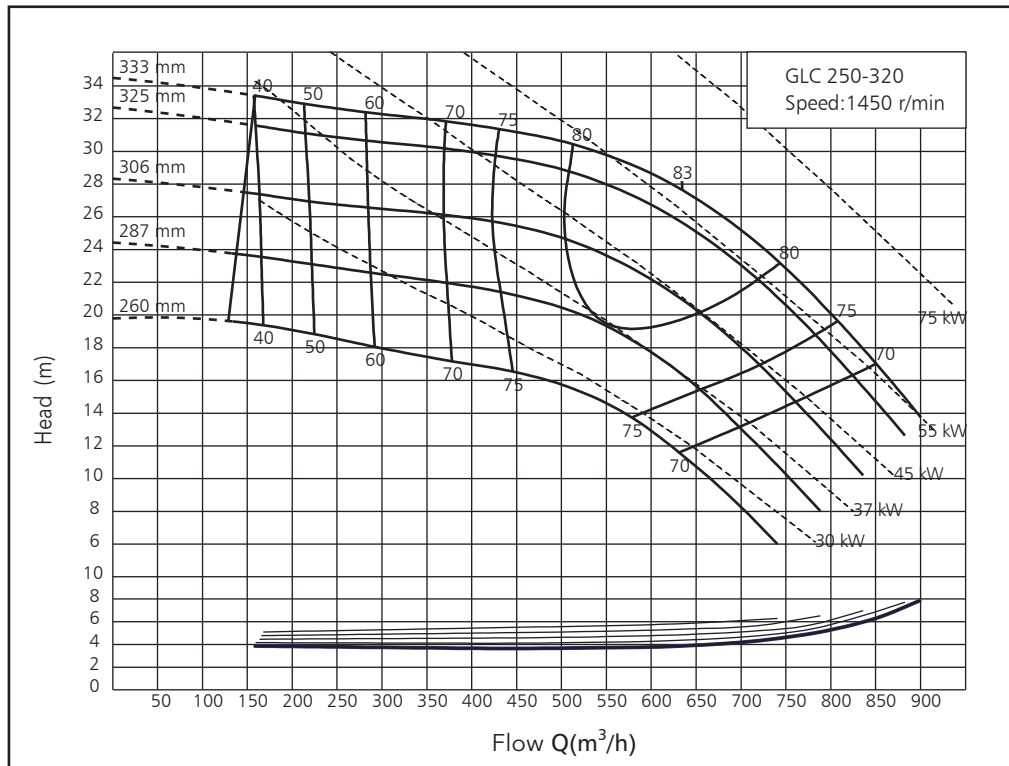
GLC 200-320 performance curve



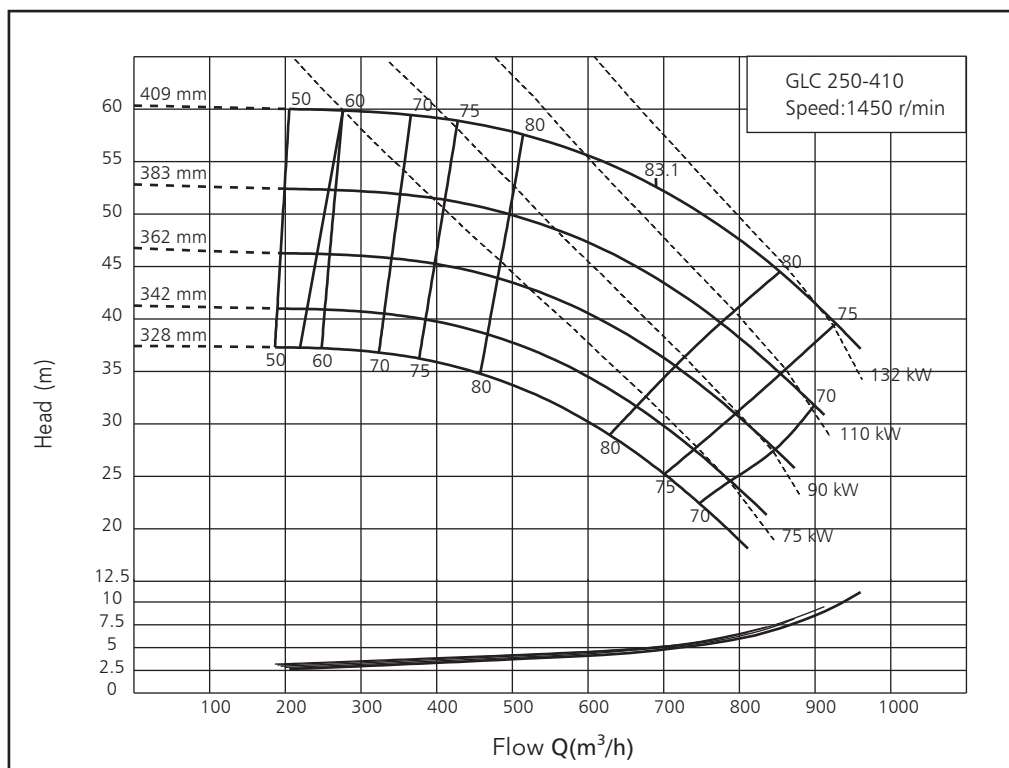
GLC 200-410 performance curve



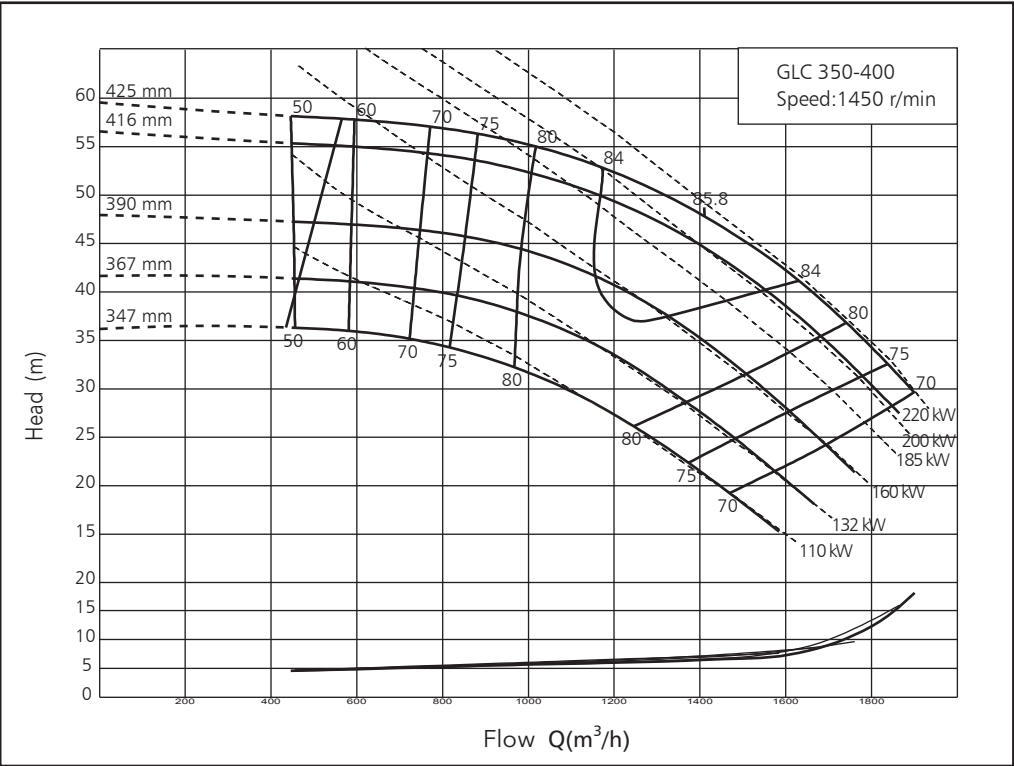
GLC 250-320 performance curve



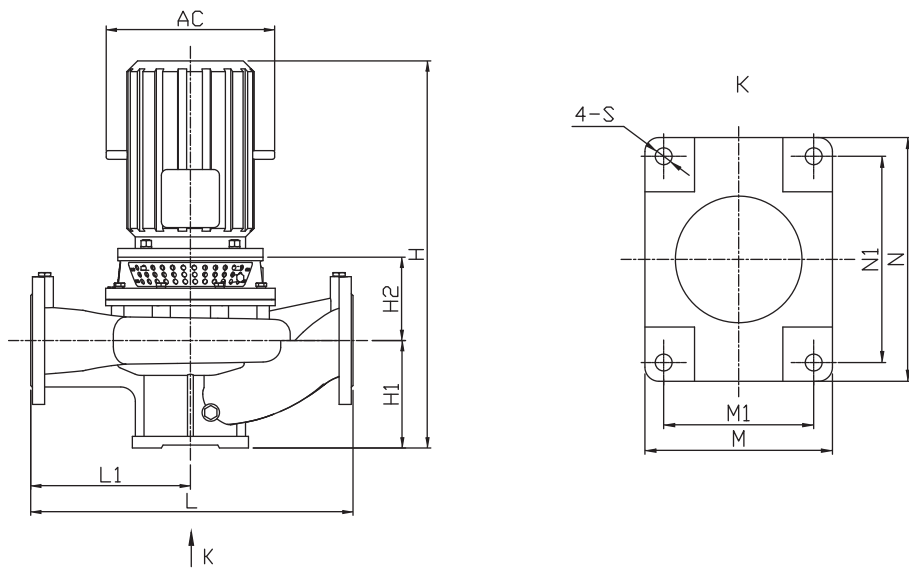
GLC 250-410 performance curve



GLC 350-400 performance curve



GLC vertical single suction series - outline dimension



Speed 1450 r/min

No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
1	GLC 40-125	0.55	80M	320	160	140	165	568	200	240	180	220	15	155	40
2	GLC 40-160	0.55	80M	320	160	140	165	568	200	240	180	220	15	155	40
3		0.75	80M	320	160	140	165	536	200	240	180	220	15	159	43
4	GLC 40-200	0.55	80M	440	220	150	155	568	200	240	180	220	15	155	57
5		0.75	80M	440	220	150	155	536	200	240	180	220	15	159	60
6		1.1	90S	440	220	150	155	603	200	240	180	220	15	174	66
7	GLC 40-250	1.1	90S	440	220	150	155	603	200	240	180	220	15	174	66
8		1.5	90L	440	220	150	155	603	200	240	180	220	15	174	70
9		2.2	100L	440	220	150	165	637	200	240	180	220	15	214	81
10	GLC50-160	0.75	80M	410	205	125	135	504	120	160	180	220	19	155	60
11		1.1	90S	410	205	125	135	534	120	160	180	220	19	175	66
12	GLC50-200	0.75	80M	440	220	130	135	509	140	180	200	240	19	155	67
13		1.1	90S	440	220	130	135	534	140	180	200	240	19	175	73
14		1.5	90L	440	220	130	135	559	140	180	200	240	19	175	78
15		2.2	100L	440	220	130	147	586	140	180	200	240	19	195	87
16	GLC65-160	0.75	80M	430	215	130	135	509	140	180	200	240	19	155	63
17		1.1	90S	430	215	130	135	534	140	180	200	240	19	175	69
18		1.5	90L	430	215	130	135	559	140	180	200	240	19	175	74
19	GLC65-200	1.1	90S	460	230	145	135	549	140	180	200	240	19	175	77
20		1.5	90L	460	230	145	135	574	140	180	200	240	19	175	82
21		2.2	100L	460	230	145	147	601	140	180	200	240	19	195	91
22		3	100L	460	230	145	147	601	140	180	200	240	19	195	92
23	GLC65-250	1.1	90S	520	260	165	134	568	160	200	220	260	19	175	96
24		1.5	90L	520	260	165	134	593	160	200	220	260	19	175	101
25		2.2	100L	520	260	165	144	618	160	200	220	260	19	195	110
26		3	100L	520	260	165	144	618	160	200	220	260	19	195	111
27		4	112M	520	260	165	144	647	160	200	220	260	19	219	120
28		5.5	132S	520	260	165	173	720	160	200	220	260	19	260	142

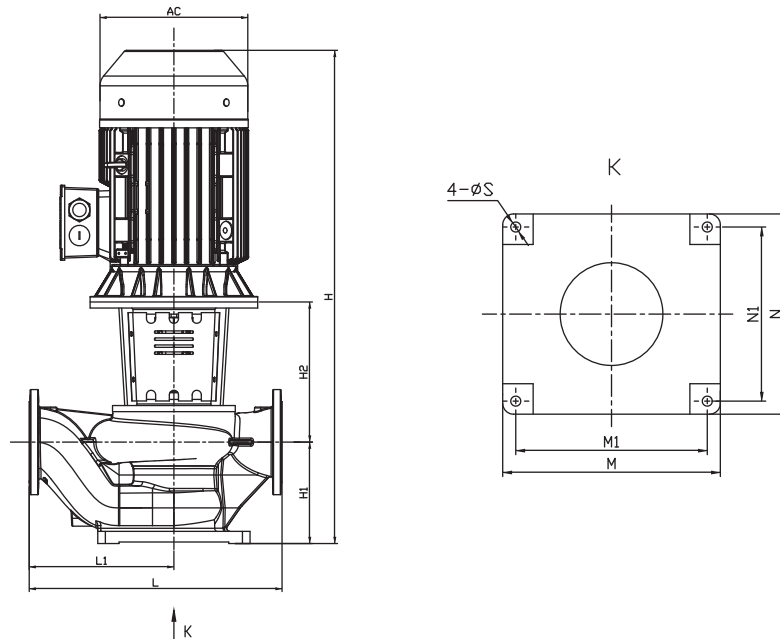
Speed 1450 r/min

No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
29	GLC65-315	2.2	100L	580	290	165	144	618	190	240	250	300	23	195	135
30		3	100L	580	290	165	144	618	190	240	250	300	23	195	136
31		4	112M	580	290	165	144	647	190	240	250	300	23	219	145
32		5.5	132S	580	290	165	173	720	190	240	250	300	23	260	167
33		7.5	132M	580	290	165	173	758	190	240	250	300	23	260	179
34		11	160M	580	290	165	210	916	190	240	250	300	23	314	226
35	GLC80-160	1.1	90S	470	235	155	135	559	140	180	200	240	19	175	75
36		1.5	90L	470	235	155	135	584	140	180	200	240	19	175	80
37		2.2	100L	470	235	155	147	611	140	180	200	240	19	195	90
38	GLC80-200	1.5	90L	500	250	160	135	589	140	180	200	240	19	175	88
39		2.2	100L	500	250	160	147	616	140	180	200	240	19	195	98
40		3	100L	500	250	160	147	616	140	180	200	240	19	195	99
41		4	112M	500	250	160	147	645	140	180	200	240	19	219	108
42	GLC80-250	3	100L	560	280	165	144	618	160	200	220	260	19	195	118
43		4	112M	560	280	165	144	647	160	200	220	260	19	219	127
44		5.5	132S	560	280	165	173	720	160	200	220	260	19	260	148
45		7.5	132M	560	280	165	173	758	160	200	220	260	19	260	160
46	GLC80-260	3	100L	500	235	172	183	708	220	270	210	260	19	214	98
47		4	112M	500	235	172	183	753	220	270	210	260	19	230	117
48		5.5	132S	500	235	172	210	787	220	270	210	260	19	256	128
49		7.5	132M	500	235	172	210	787	220	270	210	260	19	256	132
50	GLC80-315	4	112M	620	310	185	144	667	190	240	250	300	23	219	152
51		5.5	132S	620	310	185	173	740	190	240	250	300	23	260	174
52		7.5	132M	620	310	185	173	778	190	240	250	300	23	260	186
53		11	160M	620	310	185	210	896	190	240	250	300	23	314	233
54	GLC100-160	1.1	90S	520	260	180	134	583	160	200	220	260	19	175	96
55		1.5	90L	520	260	180	134	608	160	200	220	260	19	175	101
56		2.2	100L	520	260	180	144	633	160	200	220	260	19	195	110
57		3	100L	520	260	180	144	633	160	200	220	260	19	195	111
58		4	112M	520	260	180	144	662	160	200	220	260	19	219	120
59	GLC100-200	2.2	100L	570	285	185	144	638	160	200	220	260	19	195	117
60		3	100L	570	285	185	144	638	160	200	220	260	19	195	118
61		4	112M	570	285	185	144	667	160	200	220	260	19	219	127
62		5.5	132S	570	285	185	173	740	160	200	220	260	19	260	148
63	GLC100-210	3	100L	550	250	215	183	751	280	340	260	320	19	214	120
64		4	112M	550	250	215	183	796	280	340	260	320	19	230	139
65		5.5	132S	550	250	215	210	830	280	340	260	320	19	256	150
66	GLC100-250	3	100L	620	300	200	144	653	160	200	220	260	19	195	138
67		4	112M	620	300	200	144	682	160	200	220	260	19	219	147
68		5.5	132S	620	300	200	173	755	160	200	220	260	19	260	168
69		7.5	132M	620	300	200	173	793	160	200	220	260	19	260	180
70		11	160M	620	300	200	210	911	160	200	220	260	19	314	227
71	GLC100-315	5.5	132S	670	335	222	180	784	190	240	250	300	23	260	222
72		7.5	132M	670	335	222	180	822	190	240	250	300	23	260	234
73		11	160M	670	335	222	216	939	190	240	250	300	23	314	282
74		15	160L	670	335	222	216	983	190	240	250	300	23	314	302
75		18.5	180M	670	335	222	216	1018	190	240	250	300	23	355	336

Speed 1450 r/min

No.	pump	motor kW	frame	outline dimension(mm)											weight kg
				L	L1	H1	H2	H	M1	M	N1	N	S	AC	
76	GLC100-320	11	160M	670	310	215	240	949	280	340	260	320	19	325	255
77		15	160L	670	310	215	240	949	280	340	260	320	19	325	259
78		18.5	180M	670	310	215	240	1009	280	340	260	320	19	360	298
79		22	180L	670	310	215	240	1047	280	340	260	320	19	360	315
80	GLC100-400	11	160M	820	410	240	216	957	230	280	290	340	23	314	333
81		15	160L	820	410	240	216	1001	230	280	290	340	23	314	353
82		18.5	180M	820	410	240	216	1036	230	280	290	340	23	355	388
83		22	180L	820	410	240	216	1074	230	280	290	340	23	355	402
84		30	200L	820	410	240	225	1137	230	280	290	340	23	398	458
85		37	225S	820	410	240	260	1184	230	280	290	340	23	446	519
86	GLC125-200	3	100L	660	330	220	144	673	190	240	250	300	23	208	146
87		4	112M	660	330	220	144	702	190	240	250	300	23	219	155
88		5.5	132S	660	330	220	173	775	190	240	250	300	23	260	176
89		7.5	132M	660	330	220	173	813	190	240	250	300	23	260	188
90		11	160M	660	330	220	210	930	190	240	250	300	23	314	235
91		7.5	132M	710	355	220	180	820	190	240	250	300	23	260	239
92	GLC125-250	11	160M	710	355	220	216	937	190	240	250	300	23	314	286
93		15	160L	710	355	220	216	981	190	240	250	300	23	314	306
94		18.5	180M	710	355	220	216	1016	190	240	250	300	23	355	340
95	GLC125-315	11	160M	760	370	250	216	967	230	280	290	340	23	314	308
96		15	160L	760	370	250	216	1011	230	280	290	340	23	314	328
97		18.5	180M	760	370	250	216	1046	230	280	290	340	23	355	362
98		22	180L	760	370	250	216	1084	230	280	290	340	23	355	376
99		30	200L	760	370	250	225	1147	230	280	290	340	23	398	432
100	GLC125-320	15	160L	800	350	270	245	1009	310	380	310	380	23	325	306
101		18.5	180M	800	350	270	245	1069	310	380	310	380	23	360	345
102		22	180L	800	350	270	245	1107	310	380	310	380	23	360	362
103		30	200L	800	350	270	251	1178	310	380	310	380	23	400	409
104	GLC125-400	18.5	180M	830	415	250	216	1046	270	320	330	380	23	355	410
105		22	180L	830	415	250	216	1084	270	320	330	380	23	355	424
106		30	200L	830	415	250	225	1147	270	320	330	380	23	398	480
107		37	225S	830	415	250	260	1194	270	320	330	380	23	446	541
108		45	225M	830	415	250	260	1219	270	320	330	380	23	446	576
109		55	250M	830	415	250	262	1303	270	320	330	380	23	485	651
110	GLC150-200	5.5	132S	800	350	275	225	905	310	380	310	380	23	256	206
111		7.5	132M	800	350	275	225	905	310	380	310	380	23	256	211
112		11	160M	800	350	275	255	1024	310	380	310	380	23	325	283
113	GLC150-250	11	160M	780	380	260	216	977	230	280	290	340	23	314	310
114		15	160L	780	380	260	216	1021	230	280	290	340	23	314	330
115		18.5	180M	780	380	260	216	1056	230	280	290	340	23	355	364
116		22	180L	780	380	260	216	1094	230	280	290	340	23	355	378
117		30	200L	780	380	260	225	1157	230	280	290	340	23	398	434
118	GLC150-315	18.5	180M	820	400	280	216	1076	270	320	330	380	23	355	387
119		22	180L	820	400	280	216	1114	270	320	330	380	23	355	401
120		30	200L	820	400	280	225	1177	270	320	330	380	23	398	457
121		37	225S	820	400	280	260	1224	270	320	330	380	23	446	518
122		45	225M	820	400	280	260	1249	270	320	330	380	23	446	553
123	GLC150-400	30	200L	880	425	280	225	1177	270	320	330	380	23	398	507
124		37	225S	880	425	280	260	1224	270	320	330	380	23	446	568
125		45	225M	880	425	280	260	1249	270	320	330	380	23	446	603
126		55	250M	880	425	280	262	1333	270	320	330	380	23	485	678
127		75	280S	880	425	280	262	1407	270	320	330	380	23	547	810

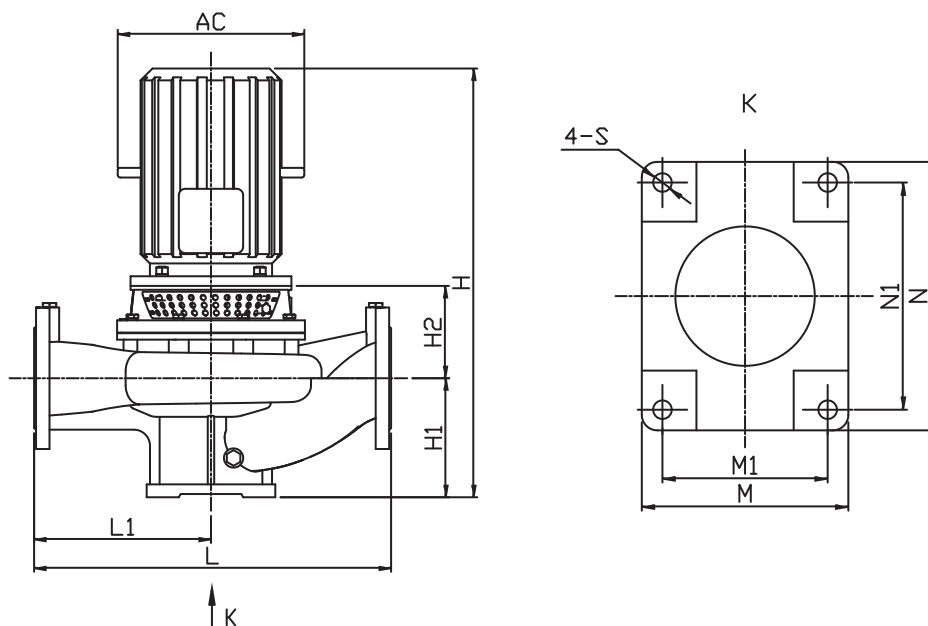
GLC vertical single suction series - outline dimension (Type of easy dismantling)



Speed 1450 r/min

No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
1	GLC200-260	15	160L	830	355	333	430	1463	440	500	400	460	23	325	410
2		18.5	180M	830	355	333	430	1494	440	500	400	460	23	360	449
3		22	180L	830	355	333	430	1514	440	500	400	460	23	360	466
4		30	200L	830	355	333	430	1563	440	500	400	460	23	400	510
5	GLC200-320	30	200L	900	400	285	430	1515	440	500	400	460	23	400	507
6		37	225S	900	400	285	460	1563	440	500	400	460	23	450	653
7		45	225M	900	400	285	460	1593	440	500	400	460	23	450	688
8		55	250M	900	400	285	460	1660	440	500	400	460	23	500	688
9	GLC200-410	55	250M	1100	475	305	475	1695	440	500	400	460	23	500	825
10		75	280S	1100	475	305	475	1740	440	500	400	460	23	560	1017
11		90	280M	1100	475	305	475	1802	440	500	400	460	23	560	1087
12	GLC250-320	30	200L	1000	425	370	430	1570	440	500	440	500	23	400	586
13		37	225S	1000	425	370	460	1588	440	500	440	500	23	450	733
14		45	225M	1000	425	370	460	1618	440	500	440	500	23	450	768
15		55	250M	1000	425	370	475	1685	440	500	440	500	23	500	817
16	GLC250-410	75	280S	1000	425	370	475	1730	440	500	440	500	23	560	1009
17		75	280S	1150	500	355	590	1905	440	500	440	500	24	560	1270
18		90	280M	1150	500	355	590	1967	440	500	440	500	24	560	1370
19		110	315S	1150	500	355	620	2175	440	500	440	500	24	630	1626
20	GLC350-400	132	315M	1150	500	355	620	2255	440	500	440	500	24	630	1746
21		110	315S	1320	630	405	650	2255	530	620	530	620	28	630	1767
22		132	315M	1320	630	405	650	2335	530	620	530	620	28	630	1887
23		160	315L	1320	630	405	650	2425	530	620	530	620	28	630	1987
24		185	315L	1320	630	405	650	2425	530	620	530	620	28	630	1987
25		200	315L	1320	630	405	650	2425	530	620	530	620	28	630	1987
26		220	355M	1320	630	405	650	2565	530	620	530	620	28	750	2671
27		250	355M	1320	630	405	650	2565	530	620	530	620	28	750	2671

GLC vertical single suction series - outline dimension



Speed 2900 r/min

No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
1	GLC32-160	0.75	80M	320	160	120	165	548	200	240	180	220	15	155	33
2		1.1	80M	320	160	120	165	548	200	240	180	220	15	155	36
3		1.5	90S	320	160	120	165	548	200	240	180	220	15	155	40
4		2.2	90L	320	160	120	165	583	200	240	180	220	15	155	46
5		3	100L	320	160	120	175	593	200	240	180	220	15	155	51
6	GLC40-125	1.1	80M	320	160	140	165	568	200	240	180	220	15	155	40
7		1.5	90S	320	160	140	165	568	200	240	180	220	15	155	44
8		2.2	90L	320	160	140	165	603	200	240	180	220	15	174	51
9		3	100L	320	160	140	175	613	200	240	180	220	15	174	56
10	GLC40-160	2.2	90L	320	160	140	165	603	200	240	180	220	15	174	51
11		3	100L	320	160	140	175	613	200	240	180	220	15	174	56
12		4	112M	320	160	140	175	634	200	240	180	220	15	197	59
13		5.5	132S	320	160	140	202	717	200	240	180	220	15	214	72
14	GLC40-200	3	100L	440	220	150	165	613	200	240	180	220	15	174	73
15		4	112M	440	220	150	165	634	200	240	180	220	15	197	76
16		5.5	132S	440	220	150	192	717	200	240	180	220	15	214	89
17		7.5	132S	440	220	150	192	709	200	240	180	220	15	256	108
18	GLC40-250	7.5	132S	440	220	150	192	709	200	240	180	220	15	256	108
19		11	160M	440	220	150	222	800	200	240	180	220	15	256	125
20		15	160M	440	220	150	222	866	200	240	180	220	15	313	158
21	GLC50-160	3	100L	410	205	125	147	581	120	160	180	220	19	208	80
22		4	112M	410	205	125	147	610	120	160	180	220	19	219	87
23		5.5	132S	410	205	125	176	683	120	160	180	220	19	260	112
24		7.5	132S	410	205	125	176	683	120	160	180	220	19	260	115

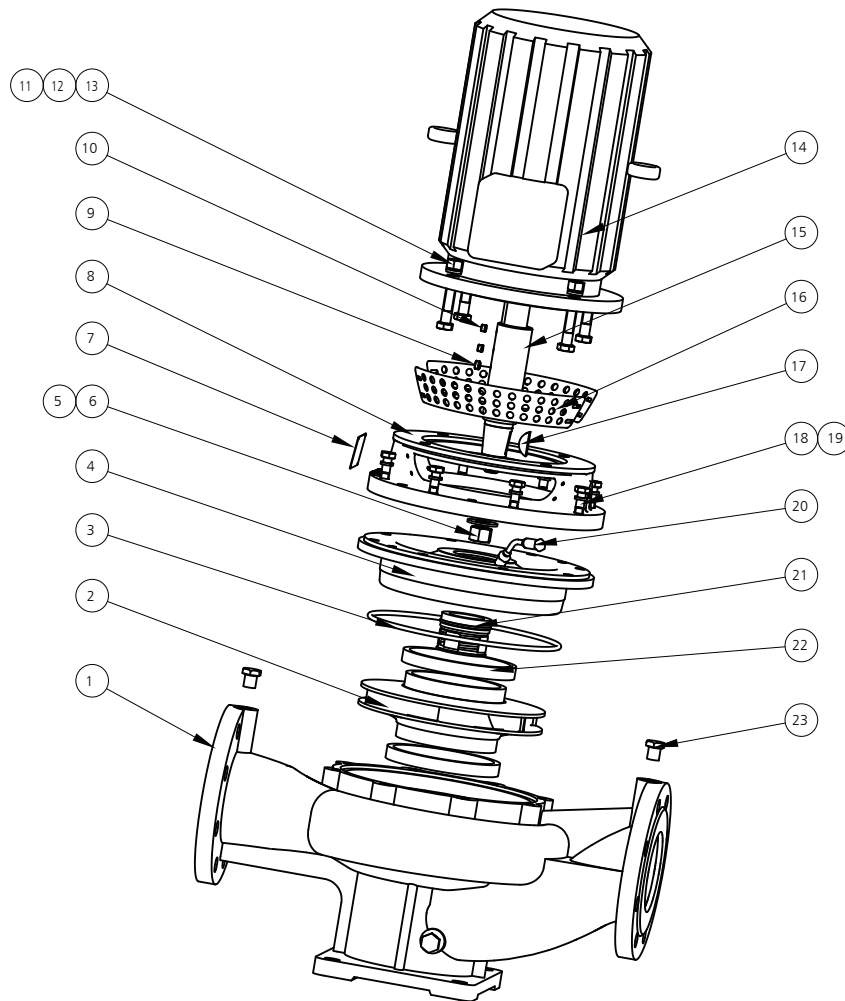
Speed 2900 r/min

No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
25	GLC50-200	5.5	132S	440	220	130	176	688	140	180	200	240	19	260	118
26		7.5	132S	440	220	130	176	688	140	180	200	240	19	260	121
27		11	160M	440	220	130	210	841	140	180	200	240	19	314	172
28		15	160M	440	220	130	210	841	140	180	200	240	19	314	182
29	GLC65-160	4	112M	430	215	130	147	615	140	180	200	240	19	219	90
30		5.5	132S	430	215	130	176	688	140	180	200	240	19	260	115
31		7.5	132S	430	215	130	176	688	140	180	200	240	19	260	118
32		11	160M	430	215	130	210	841	140	180	200	240	19	314	169
33	GLC65-200	7.5	132S	460	230	145	176	703	140	180	200	240	19	260	125
34		11	160M	460	230	145	210	856	140	180	200	240	19	314	176
35		15	160M	460	230	145	210	856	140	180	200	240	19	314	186
36		18.5	160L	460	230	145	210	900	140	180	200	240	19	355	222
37	GLC65-250	11	160M	520	260	165	210	876	160	200	220	260	19	314	194
38		15	160M	520	260	165	210	876	160	200	220	260	19	314	204
39		18.5	160L	520	260	165	210	920	160	200	220	260	19	314	221
40		22	180M	520	260	165	210	955	160	200	220	260	19	355	256
41		30	200L	520	260	165	218	1055	160	200	220	260	19	398	314
42		37	200L	520	260	165	218	1055	160	200	220	260	19	398	333
43	GLC65-315	22	180M	580	290	165	210	955	190	240	250	300	23	355	282
44		30	200L	580	290	165	218	1055	190	240	250	300	23	398	339
45		37	200L	580	290	165	218	1055	190	240	250	300	23	398	358
46		45	225M	580	290	165	218	1092	190	240	250	300	23	446	425
47		55	250M	580	290	165	255	1211	190	240	250	300	23	485	529
48		75	280S	580	290	165	255	1261	190	240	250	300	23	547	659
49	GLC80-160	5.5	132S	470	235	155	176	713	140	180	200	240	19	260	121
50		7.5	132S	470	235	155	176	713	140	180	200	240	19	260	124
51		11	160M	470	235	155	210	866	140	180	200	240	19	314	175
52		15	160M	470	235	155	210	866	140	180	200	240	19	314	185
53	GLC80-200	11	160M	500	250	160	210	871	140	180	200	240	19	314	182
54		15	160M	500	250	160	210	871	140	180	200	240	19	314	192
55		18.5	160L	500	250	160	210	915	140	180	200	240	19	314	209
56		22	180M	500	250	160	210	950	140	180	200	240	19	355	245
57		30	200L	500	250	160	218	1050	140	180	200	240	19	398	303
58	GLC80-250	18.5	160L	560	280	165	210	920	160	200	220	260	19	314	228
59		22	180M	560	280	165	210	955	160	200	220	260	19	355	263
60		30	200L	560	280	165	218	1055	160	200	220	260	19	398	321
61		37	200L	560	280	165	218	1055	160	200	220	260	19	398	340
62		45	225M	560	280	165	218	1092	160	200	220	260	19	446	406
63		55	250M	560	280	165	255	1211	160	200	220	260	19	485	509

Speed 2900 r/min

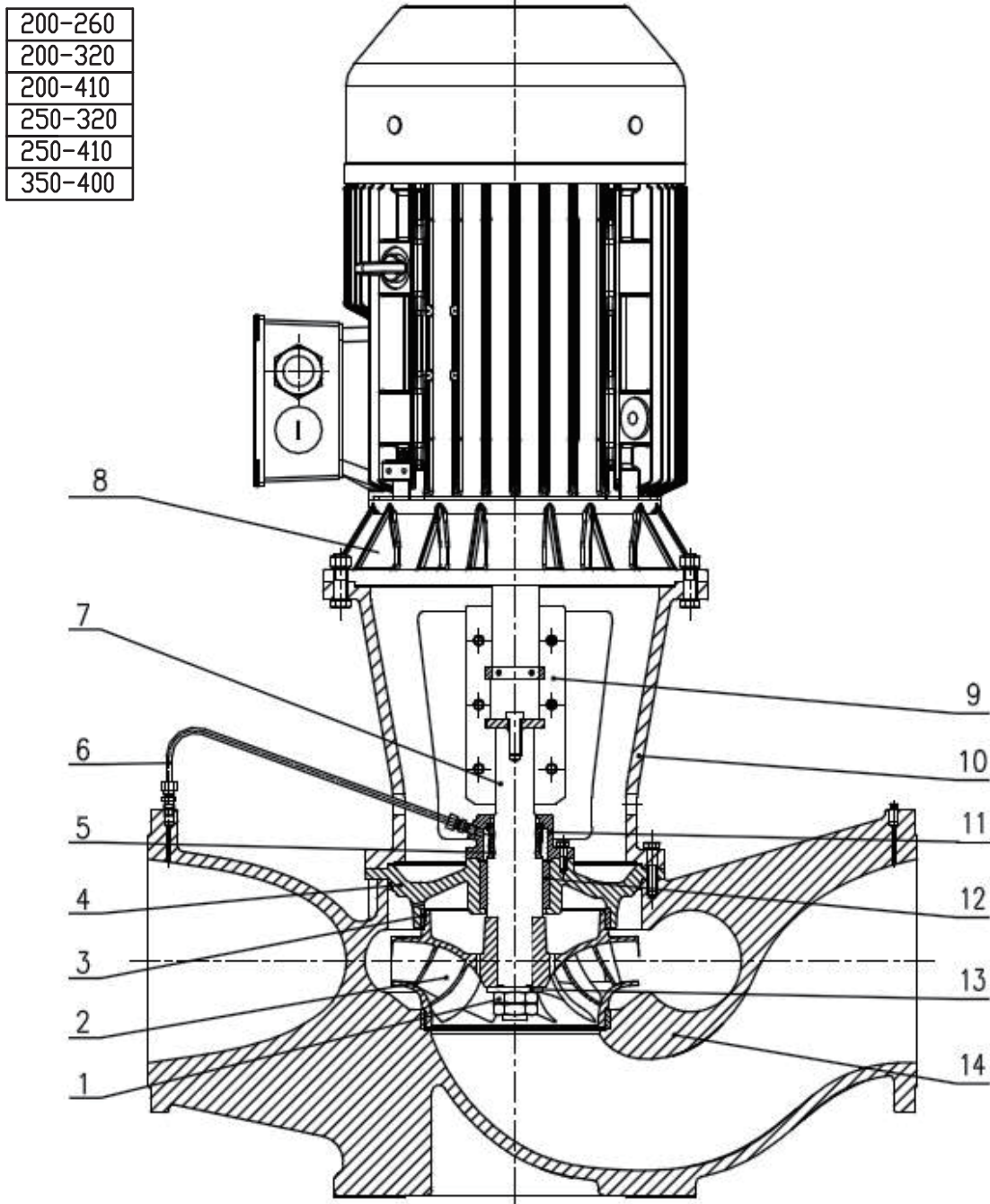
No.	pump	motor	frame	outline dimension(mm)											weights
		kW		L	L1	H1	H2	H	M1	M	N1	N	S	AC	kg
64	GLC80-260	22	180M	500	235	172	240	906	220	270	210	260	19	313	191
65		30	200L	500	235	172	246	1075	220	270	210	260	19	402	300
66		37	200L	500	235	172	246	1075	220	270	210	260	19	402	315
67	GLC80-315	30	200L	620	310	185	218	1075	190	240	250	300	23	398	346
68		37	200L	620	310	185	218	1075	190	240	250	300	23	398	365
69		45	225M	620	310	185	218	1112	190	240	250	300	23	446	432
70		55	250M	620	310	185	255	1231	190	240	250	300	23	485	535
71		75	280S	620	310	185	255	1281	190	240	250	300	23	547	666
72		90	280M	620	310	185	255	1332	190	240	250	300	23	547	696
73	GLC100-160	11	160M	520	260	180	210	891	160	200	220	260	19	314	194
74		15	160M	520	260	180	210	891	160	200	220	260	19	314	204
75		18.5	160L	520	260	180	210	935	160	200	220	260	19	314	221
76		22	180M	520	260	180	210	970	160	200	220	260	19	355	257
77	GLC100-200	15	160M	570	285	185	210	896	160	200	220	260	19	314	212
78		18.5	160L	570	285	185	210	940	160	200	220	260	19	314	229
79		22	180M	570	285	185	210	975	160	200	220	260	19	355	264
80		30	200L	570	285	185	218	1075	160	200	220	260	19	398	322
81		37	200L	570	285	185	218	1075	160	200	220	260	19	398	341
82	GLC100-210	22	180M	550	250	215	240	949	280	340	260	320	19	313	213
83		30	200L	550	250	215	246	1118	280	340	260	320	19	402	313
84		37	200L	550	250	215	246	1118	280	340	260	320	19	402	328
85	GLC100-250	30	200L	620	300	200	218	1090	160	200	220	260	19	398	342
86		37	200L	620	300	200	218	1090	160	200	220	260	19	398	361
87		45	225M	620	300	200	218	1127	160	200	220	260	19	446	427
88		55	250M	620	300	200	255	1246	160	200	220	260	19	485	531
89		75	280S	620	300	200	255	1296	160	200	220	260	19	547	661
90	GLC100-315	55	250M	670	335	222	262	1275	190	240	250	300	23	485	572
91		75	280S	670	335	222	262	1326	190	240	250	300	23	547	702
92		90	280M	670	335	222	262	1377	190	240	250	300	23	547	732
93	GLC125-200	22	180M	660	330	220	210	1010	190	240	250	300	23	355	292
94		30	200L	660	330	220	218	1110	190	240	250	300	23	398	350
95		37	200L	660	330	220	218	1110	190	240	250	300	23	398	369
96		45	225M	660	330	220	218	1147	190	240	250	300	23	446	435
97		55	250M	660	330	220	255	1266	190	240	250	300	23	485	539
98		75	280S	660	330	220	255	1316	190	240	250	300	23	547	669
99	GLC125-250	55	250M	710	355	220	262	1273	190	240	250	300	23	485	578
100		75	280S	710	355	220	262	1324	190	240	250	300	23	547	708
101		90	280M	710	355	220	262	1375	190	240	250	300	23	547	738
102	GLC125-315	90	280M	760	370	250	262	1405	230	280	290	340	23	547	758

Exploded view



No	Description	No	Description
1	Casing	13	Gasket
2	Impeller	14	Motor-V1
3	O-Ring	15	Shaft
4	Cover	16	Guard
5	Impeller nut	17	Impeller key
6	Impeller gasket	18	Bolt
7	Nameplate	19	Gasket
8	Adaptor	20	Venting kit
9	Screw	21	Mechanical seal
10	Screw	22	Wear ring
11	Bolt	23	Screw
12	Nut	24	-

Structural diagram - Type of easy dismantling



No.	part name	No.	part name	No.	part name	No.	part name
1	Impeller nut	5	Mechanical seal	9	Coupling	13	Gasket
2	Impeller	6	Flush pipe	10	Motor adaptor	14	Pump casing
3	Wear ring	7	Shaft	11	Seal cover		
4	Pump cover	8	Motor -V1	12	Sliding bearing		

GLC vertical double suction inline pump

Technical parameter

GLC 250-250-375 ~ GLC350-350-400

Operating condition

Flow: up to 2100m³/h

Head: 10 to 46m

Temperature of liquid: from -15 °C to 120 °C (please indicated while above 85 °C)

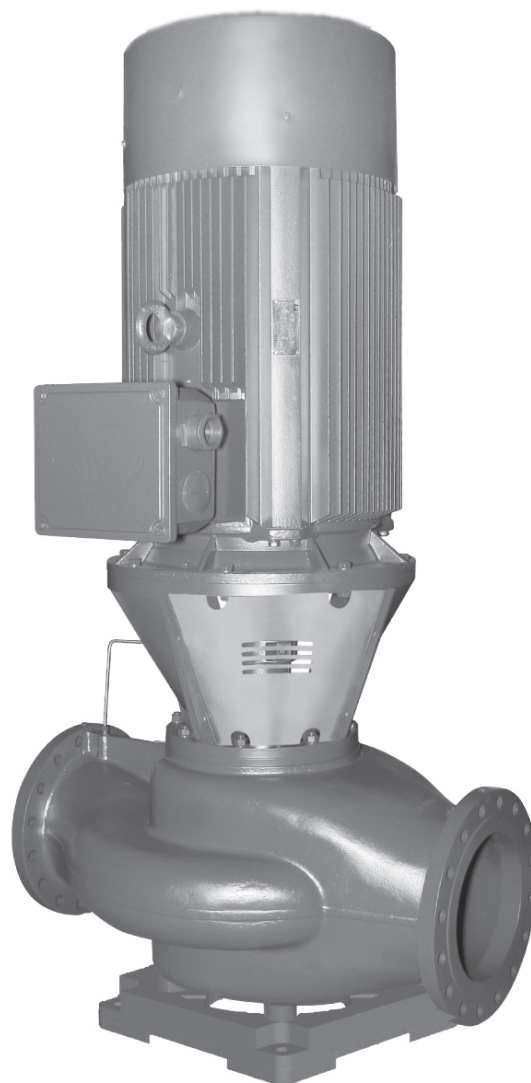
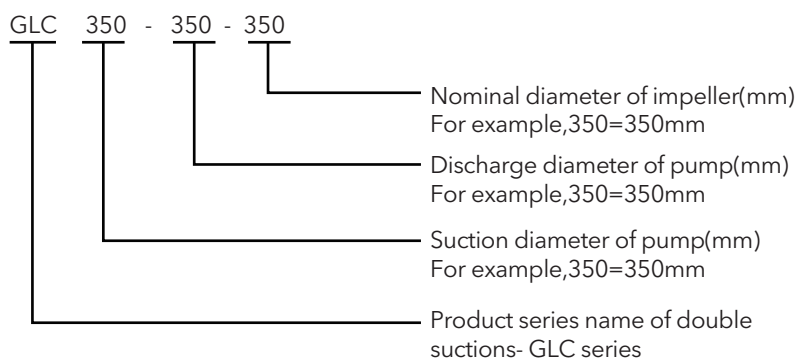
Operating pressure: 16 Bar (please inquire Xylem while above 16Bar)

Suction pressure: ≤6 Bar (please consult Xylem while above 6Bar)

Inlet size: DN250-DN350

Outlet size: DN250-DN350

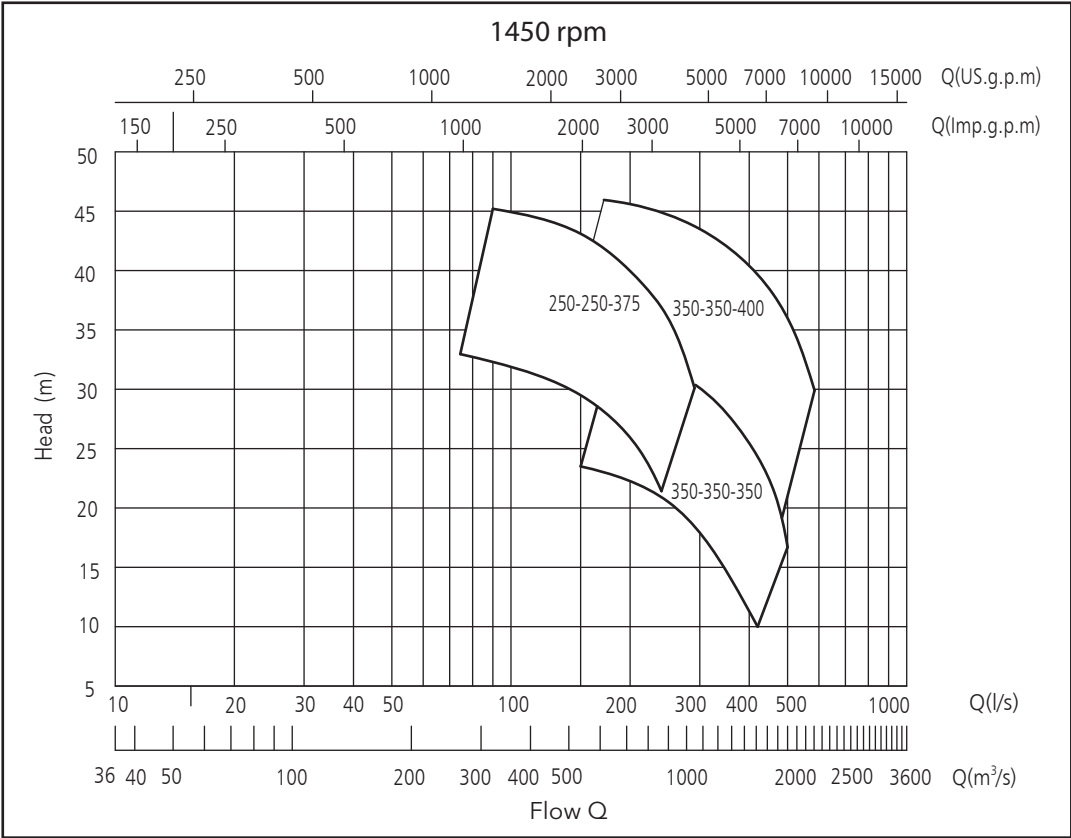
Model nomenclature



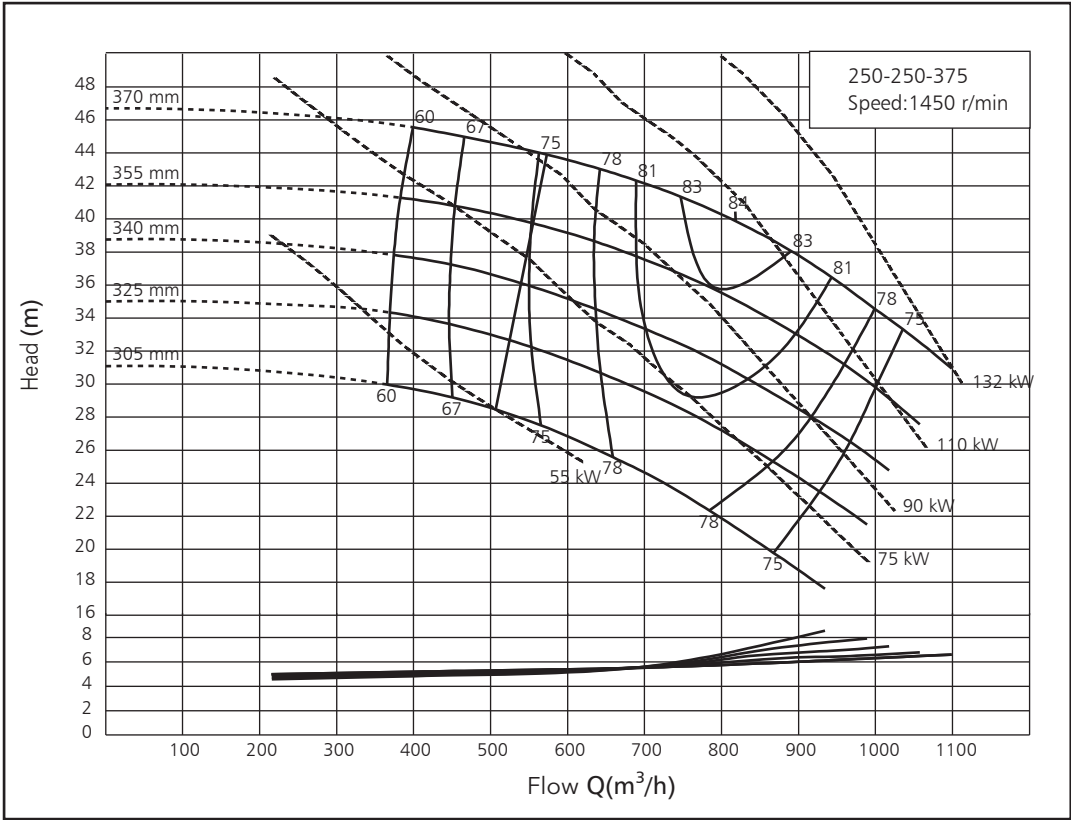
material of construction

part name	material
pump casing	EN-GJL-250/ASTM A48 40B
Impeller	EN 1.4301/AISI 304
Motor adaptor	EN-GJL-250/ASTM A48 40B
Shaft	EN C45/AISI 1045
Sliding bearing	ASTM C90700

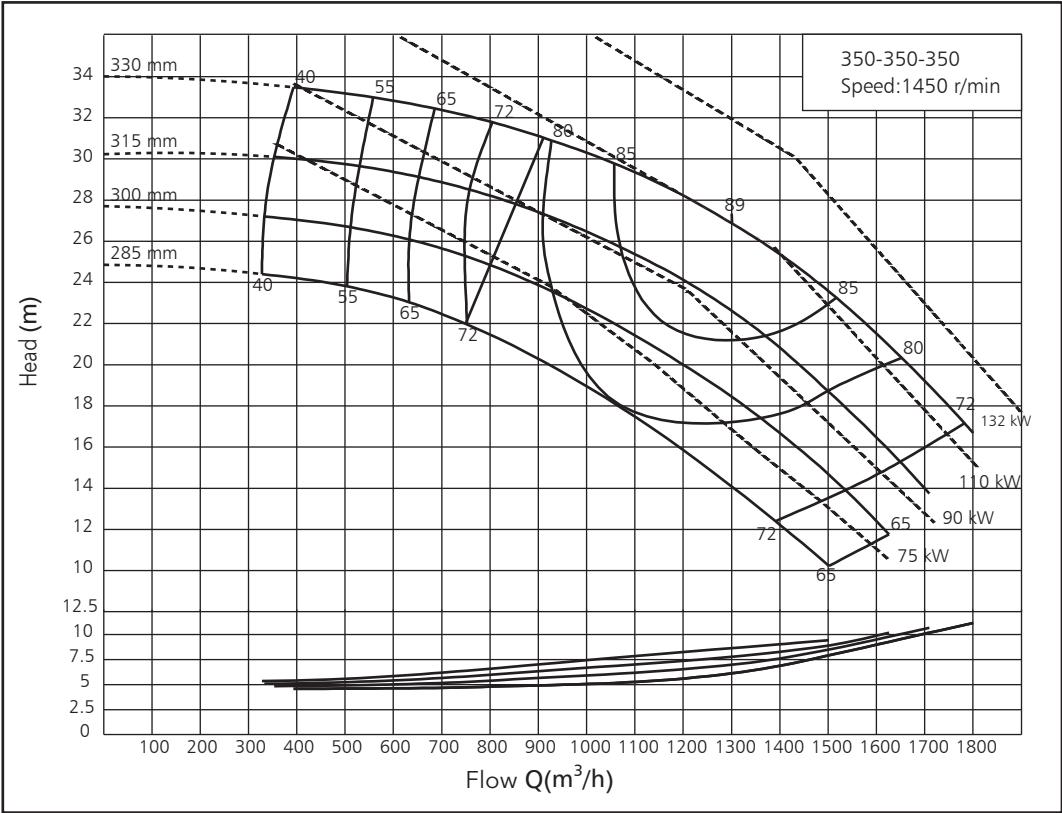
Performance Chart



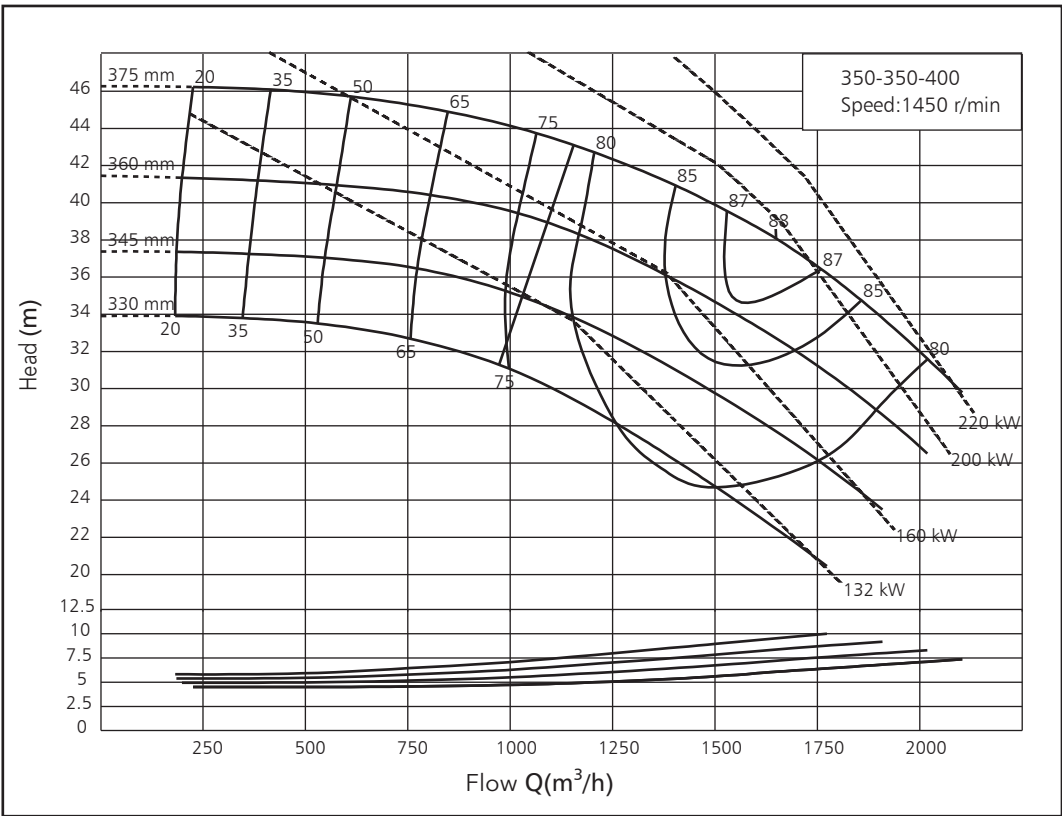
250-250-375 performance curve



350-350-350 performance curve

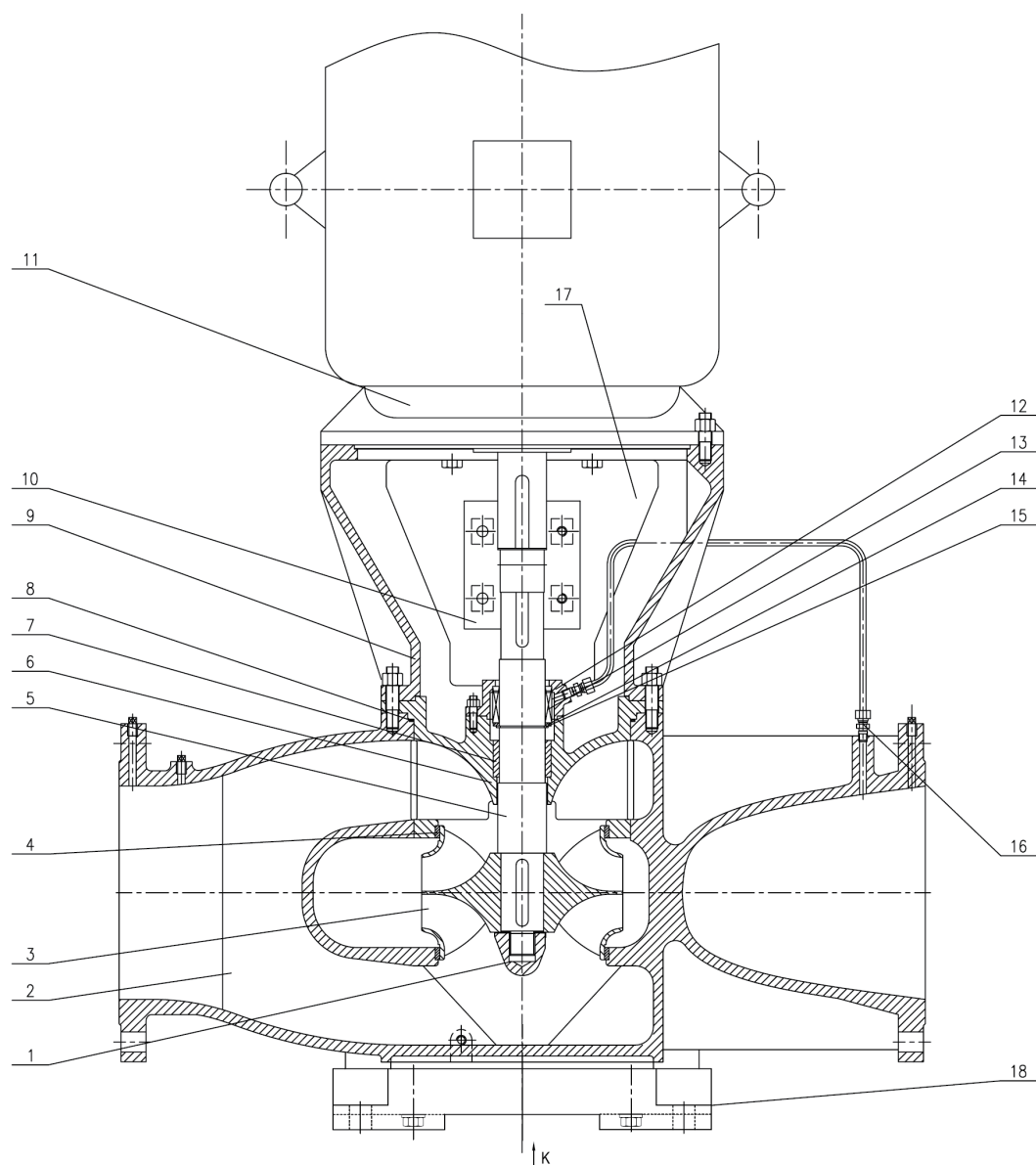


350-350-400 performance curve



Structural diagram

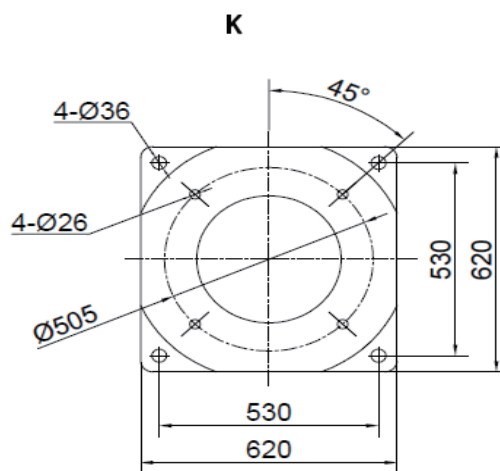
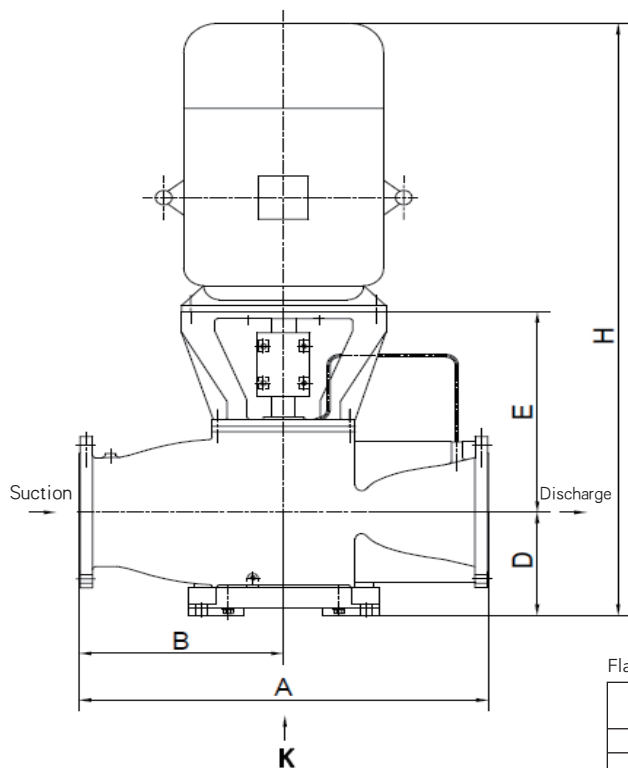
GLC 250-250-375~350-350-400



No.	part name	No.	part name	No.	part name
1	Impeller nut	7	Sliding bearing	13	Mechanical seal
2	Casing	8	O ring	14	Seal retainer ring
3	Impeller	9	Motor adaptor	15	Shaft retainer ring
4	Wear ring	10	Coupling	16	Pipe $\varnothing 10 \times 1$
5	Shaft	11	Motor -V1	17	Guard
6	Pump cover	12	Seal cover	18	Base

Installation dimensions

GLC 250-250-375~350-350-400



Flange dimension

Nominal dia.(DN)	flange outer-dia. (D)	Bolt hole center circle Dia. (D)	n-d1	seal surface outer dia. (D)
250	405	355	12-Ø26	330
350	520	470	16-Ø26	448

*inlet and outlet flange dimension are same.GB/T17241.6 PN1.6

No.	model	Frame	Motor power(kW)	inlet (mm)	Outlet (mm)	A(mm)	B(mm)	D(mm)	E(mm)	H(mm)	Weight(kg)
1	250-250-375	Y250M-4	55	250	250	1232	616	381	690	1862	1500
2	250-250-375	Y280S-4	75	250	250	1232	616	381	690	1978	1525
3	250-250-375	Y280M-4	90	250	250	1232	616	381	690	2028	1715
4	250-250-375	Y315S-4	110	250	250	1232	616	381	690	2157	2045
5	250-250-375	Y315M-4	132	250	250	1232	616	381	690	2207	2125
6	350-350-350	Y280S-4	75	350	350	1321	660.5	389	705	1992	1575
7	350-350-350	Y280M-4	90	350	350	1321	660.5	389	705	2042	1765
8	350-350-350	Y315S-4	110	350	350	1321	660.5	389	705	2170	2095
9	350-350-350	Y315M-4	132	350	350	1321	660.5	389	705	2230	2175
10	350-350-400	Y315M-4	132	350	350	1321	660.5	389	745	2270	2200
11	350-350-400	Y315L-4	160	350	350	1321	660.5	389	745	2360	2300
12	350-350-400	Y315L-4	185	350	350	1321	660.5	389	745	2360	2450
13	350-350-400	Y315L-4	200	350	350	1321	660.5	389	745	2360	2450
14	350-350-400	Y355M-4	220	350	350	1321	660.5	389	745	2569	3125

Xylem ['zil m]

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

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For more information on how Xylem can help you, go to xylem.com/MEA



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