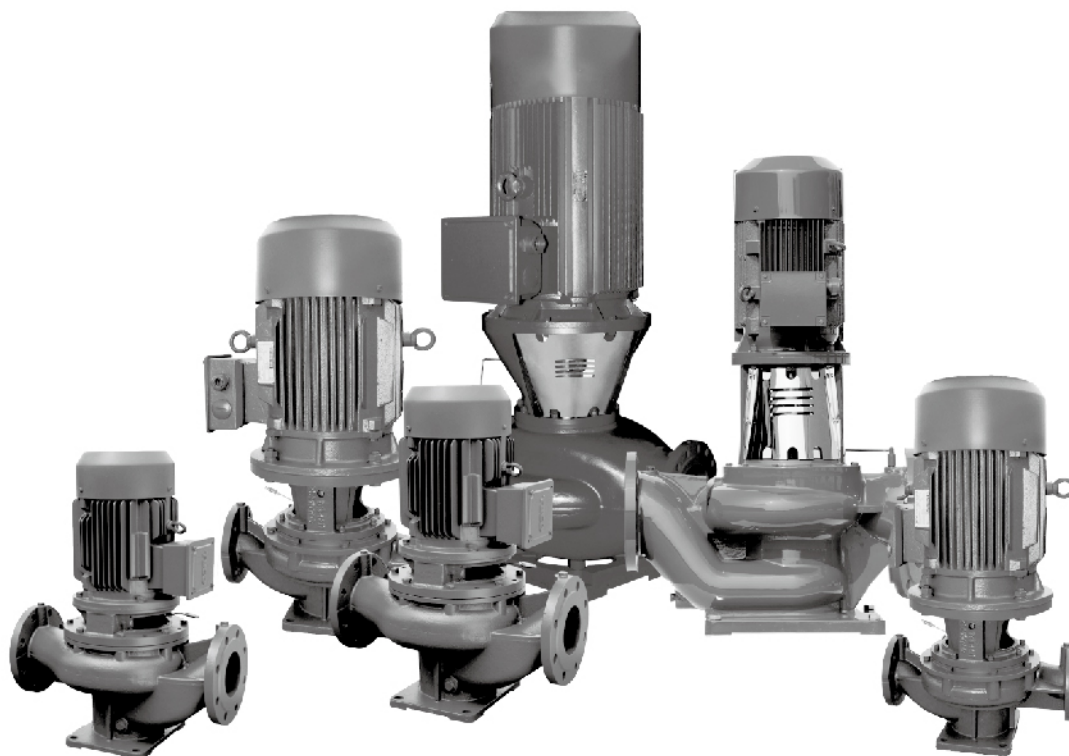




GLC series vertical inline pump

Technical book - 60Hz

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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 2100m³/h

Head: up to 155m

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

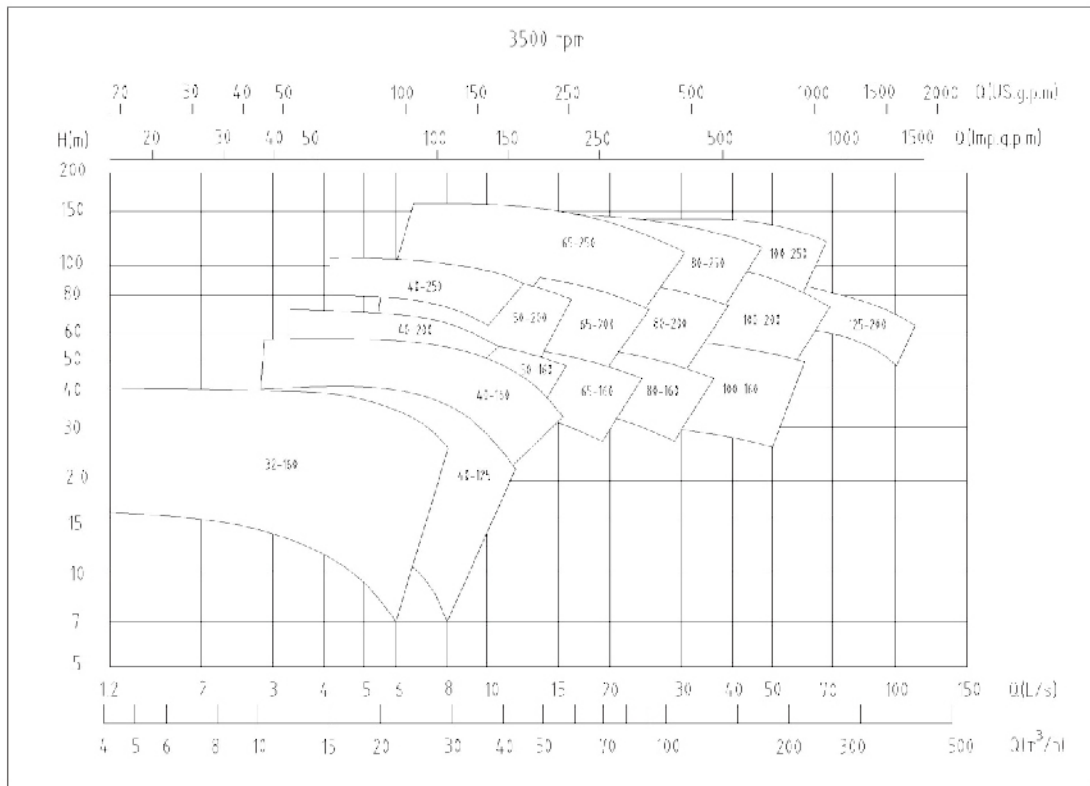
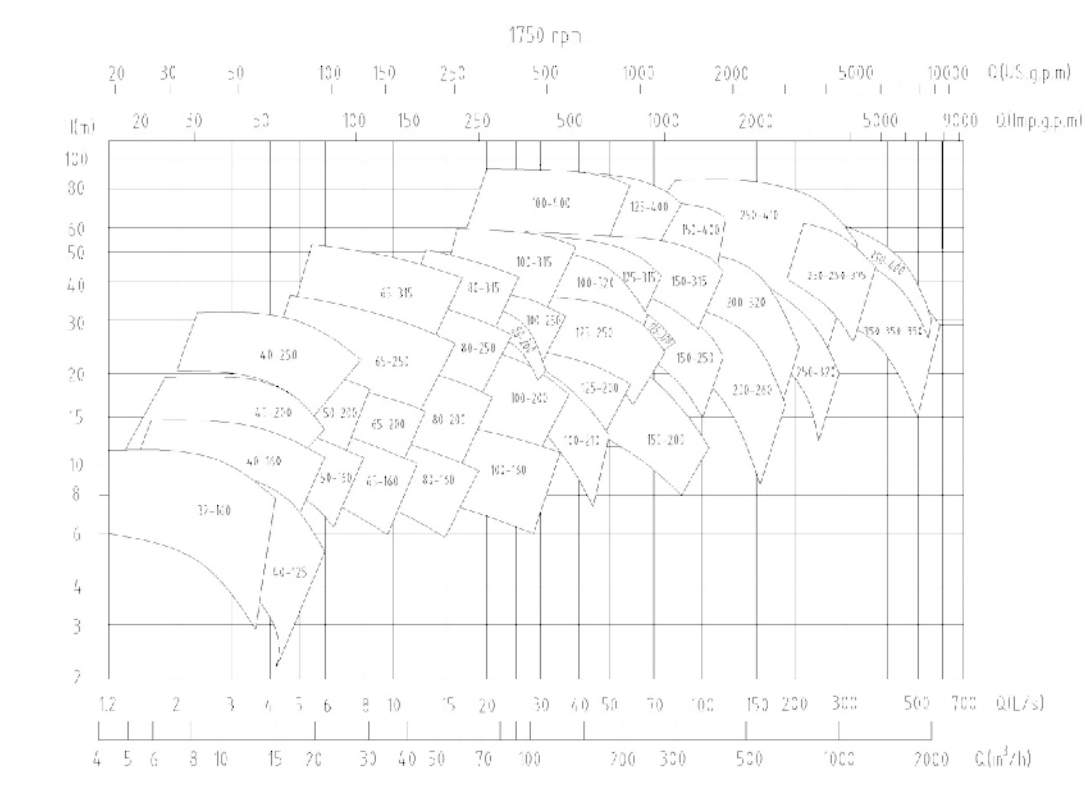
GLC 50-160-3kW/2

- Motor poles
For example, 2= 2P
- Motor rated power (kW)
For example, 3= 3kW
- Nominal diameter of impeller (mm)
For example, 160=160 mm
- Suction/discharge diameter of pump (mm)
For example, 50=DN50
- Product series of single suction-GLC series

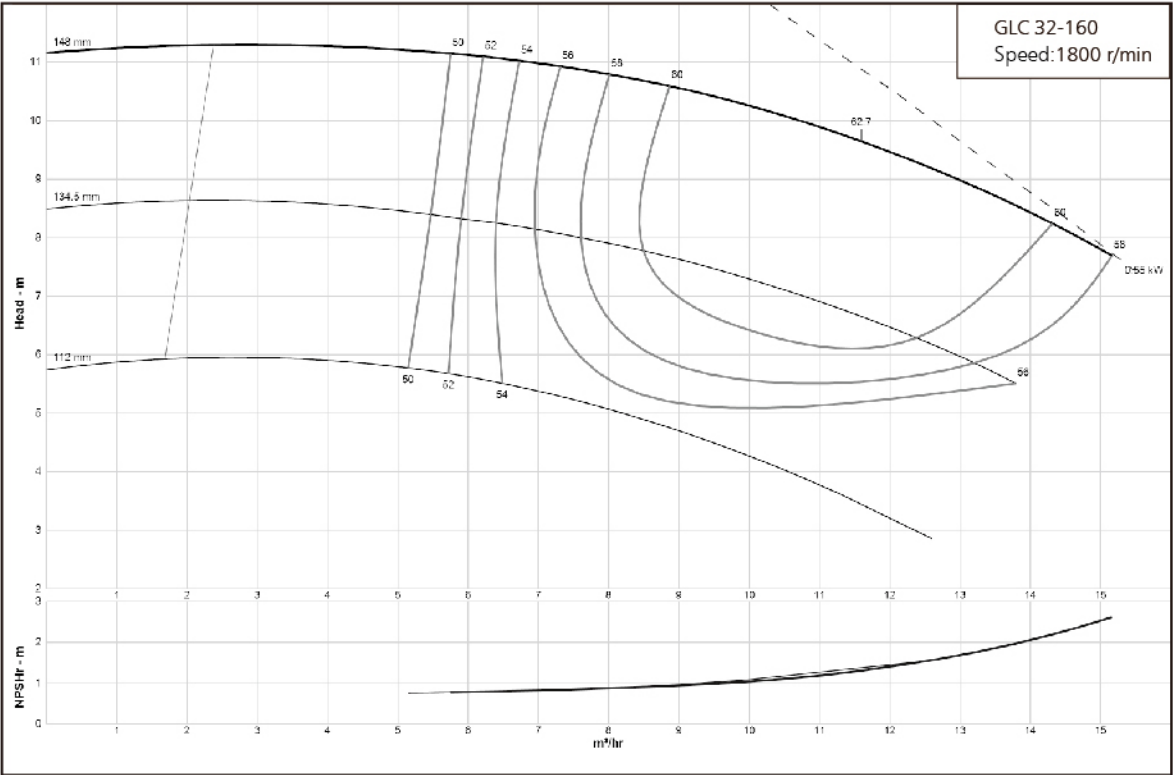
specifications for standard configuration

pump	unit	instructions
inlet & outlet flanges		PN16, or consult on request
Impeller structure		Single suction, closed
Motor		
Mounting type		v1
Frequency	Hz	60
Mechanical seal		
materials		Graphite/ceramics/fluororubber
Operating conditions		
Temperature	℃	-15℃ to 120℃ (please indicated while above 85℃)
Working pressure	Bar	16

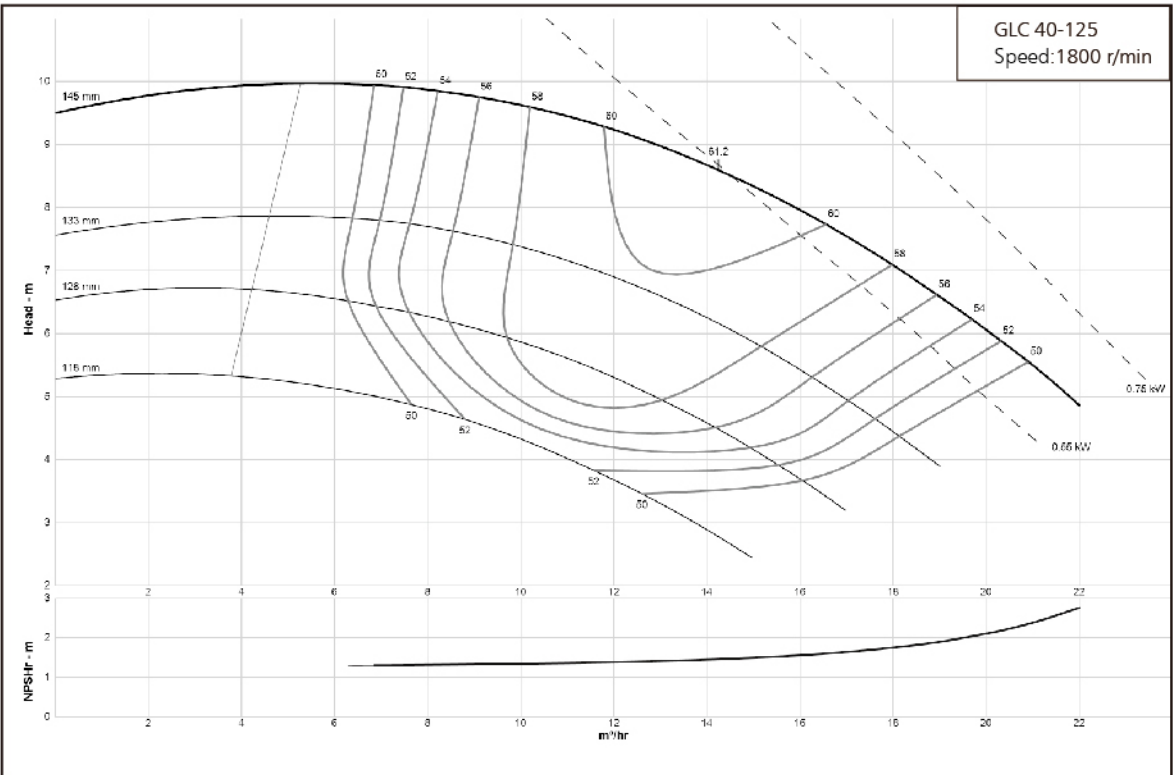
60Hz performance range



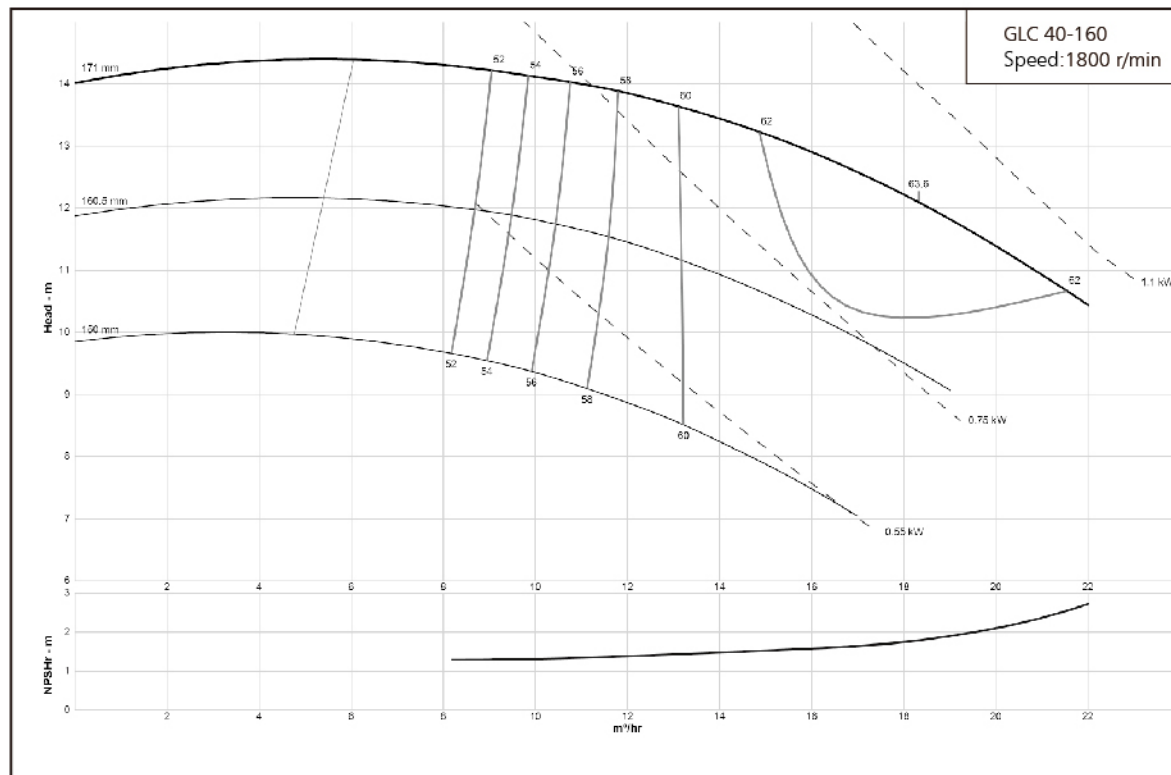
GLC 32-160 performance curve



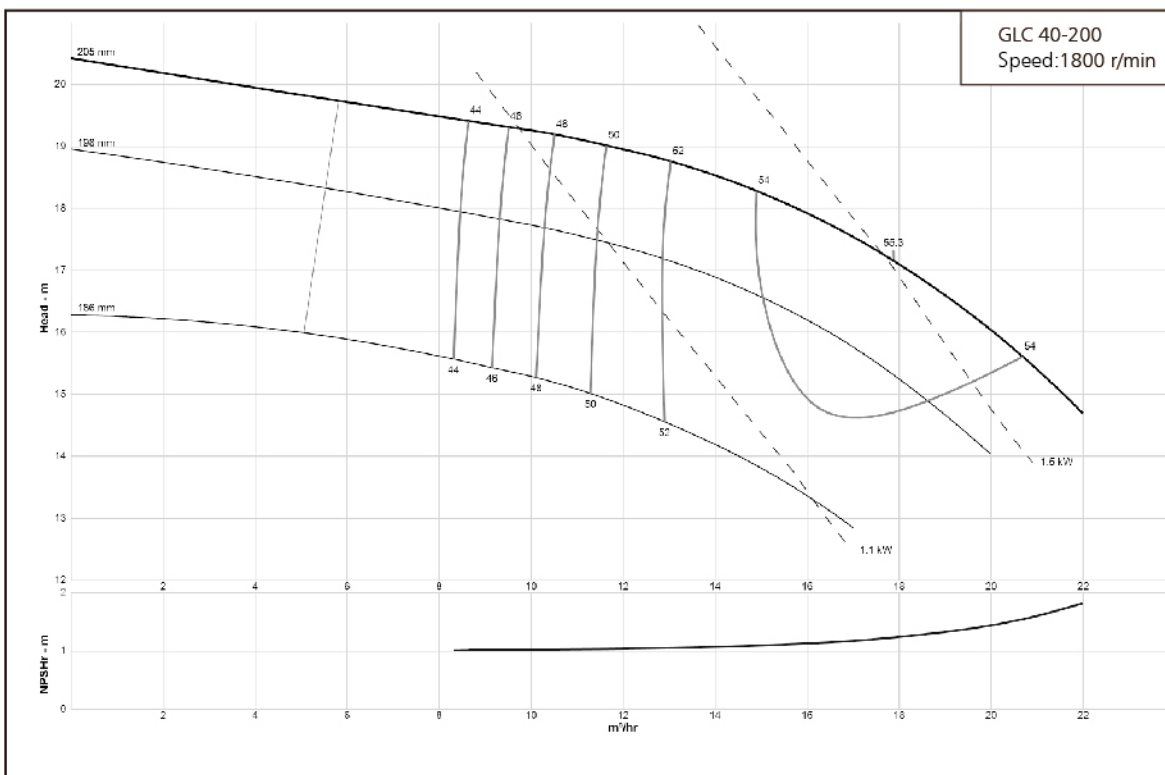
GLC 40-125 performance curve



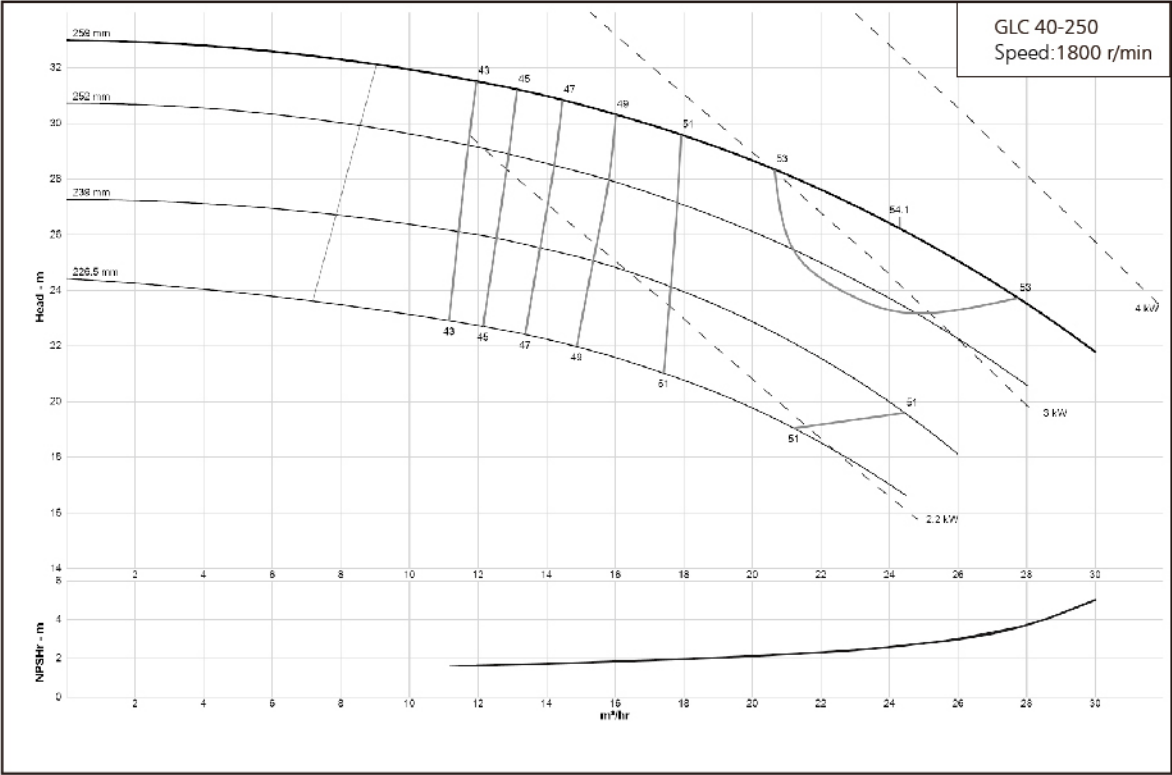
GLC 40-160 performance curve



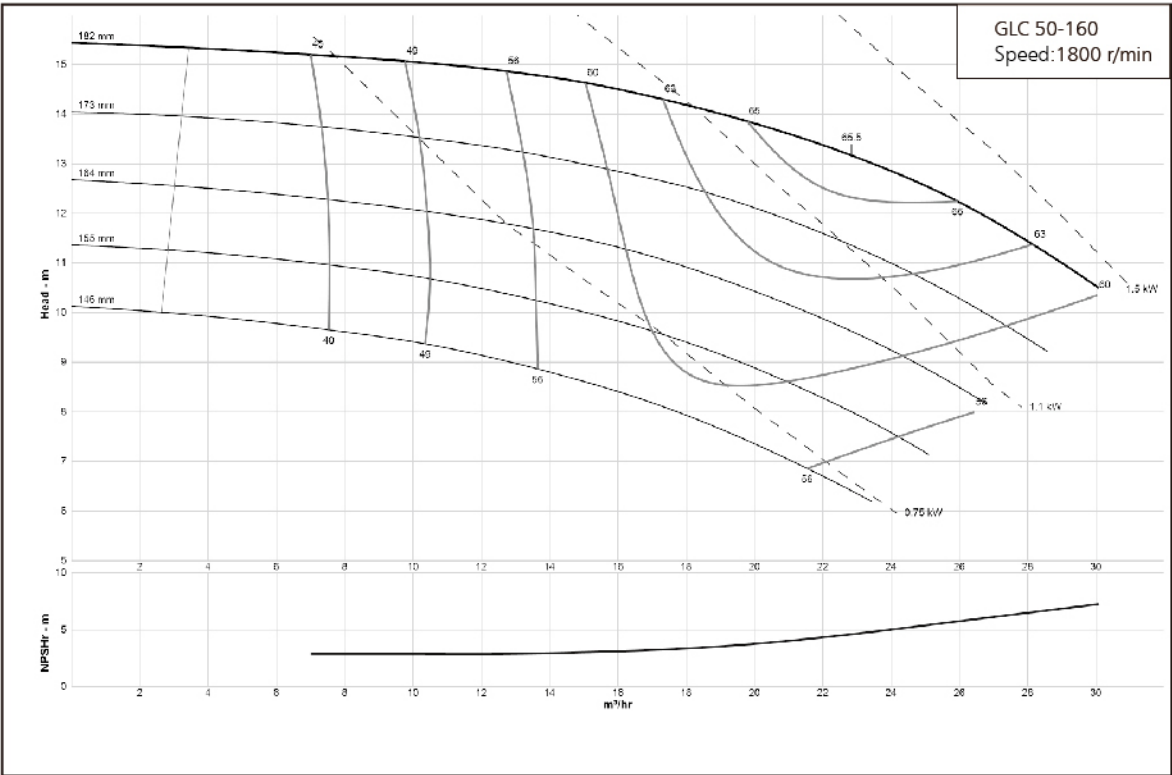
GLC 40-200 performance curve



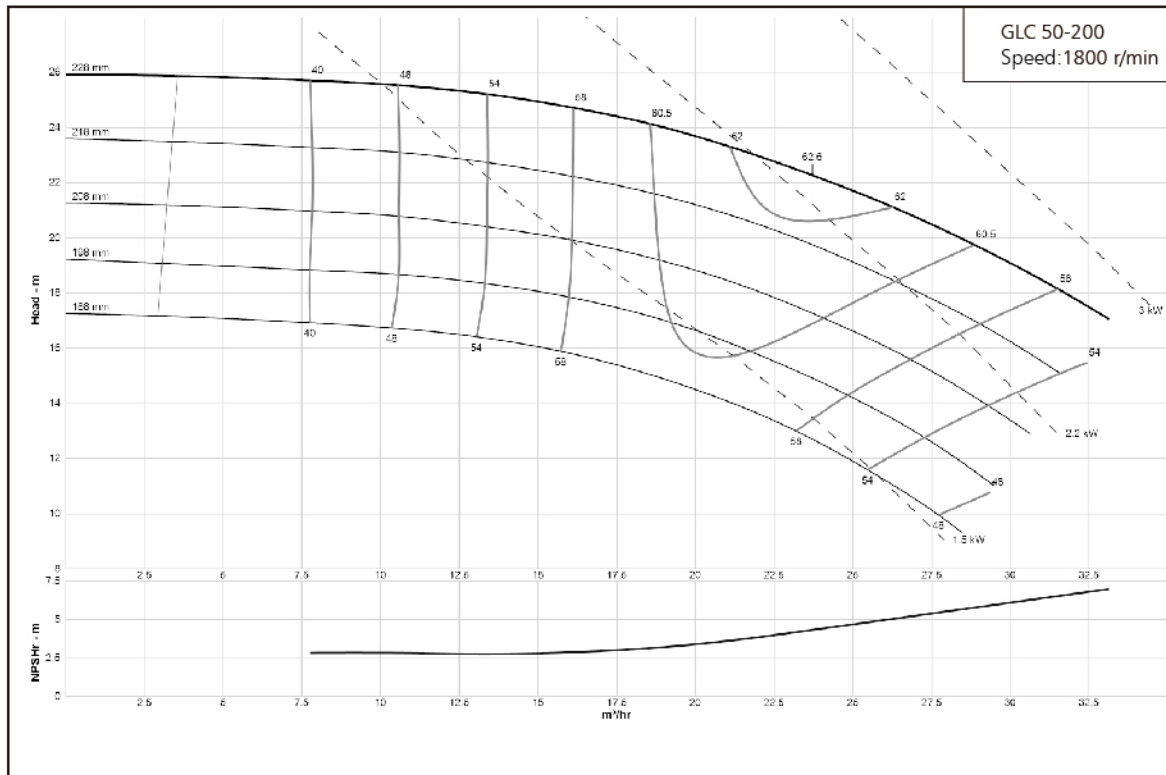
GLC 40-250 performance curve



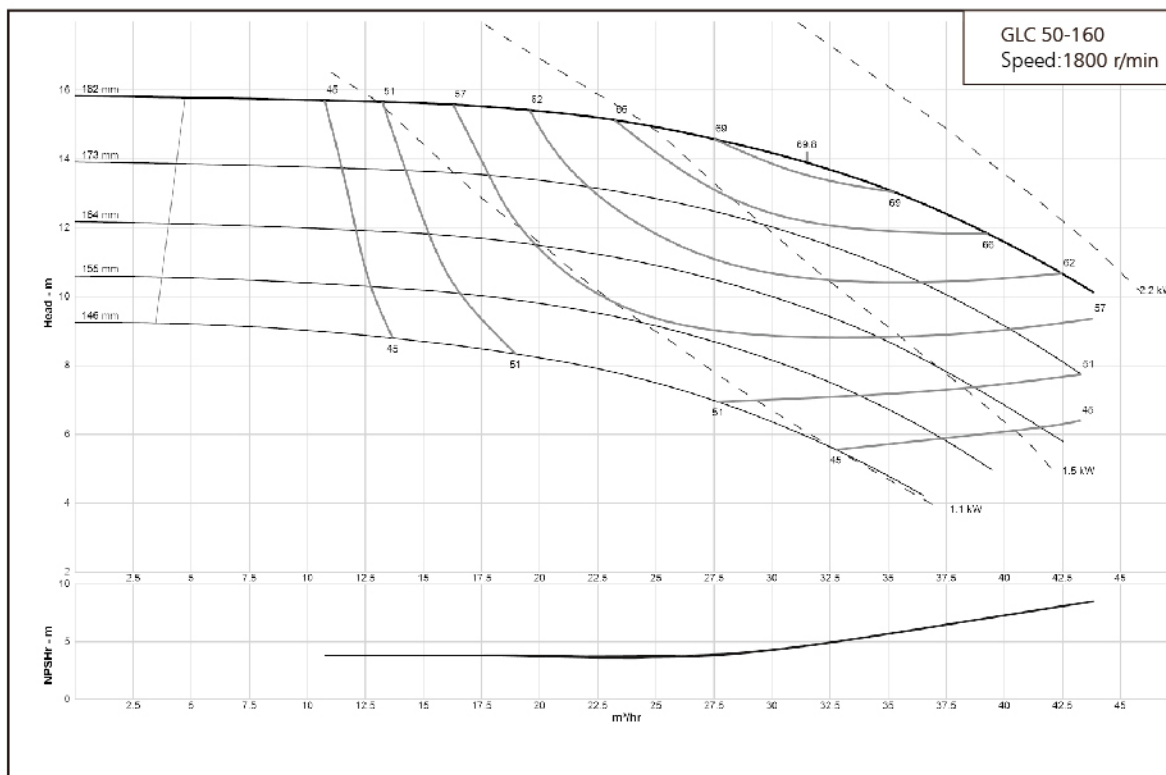
GLC 50-160 performance curve



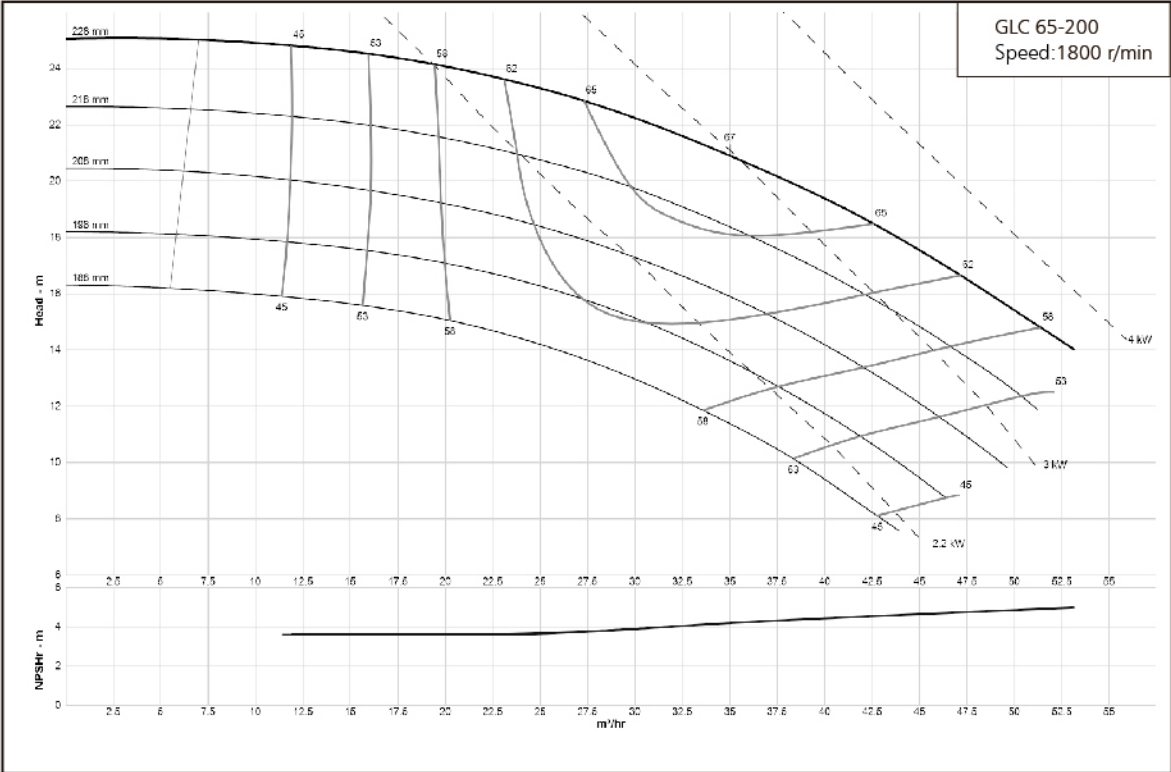
GLC 50-200 performance curve



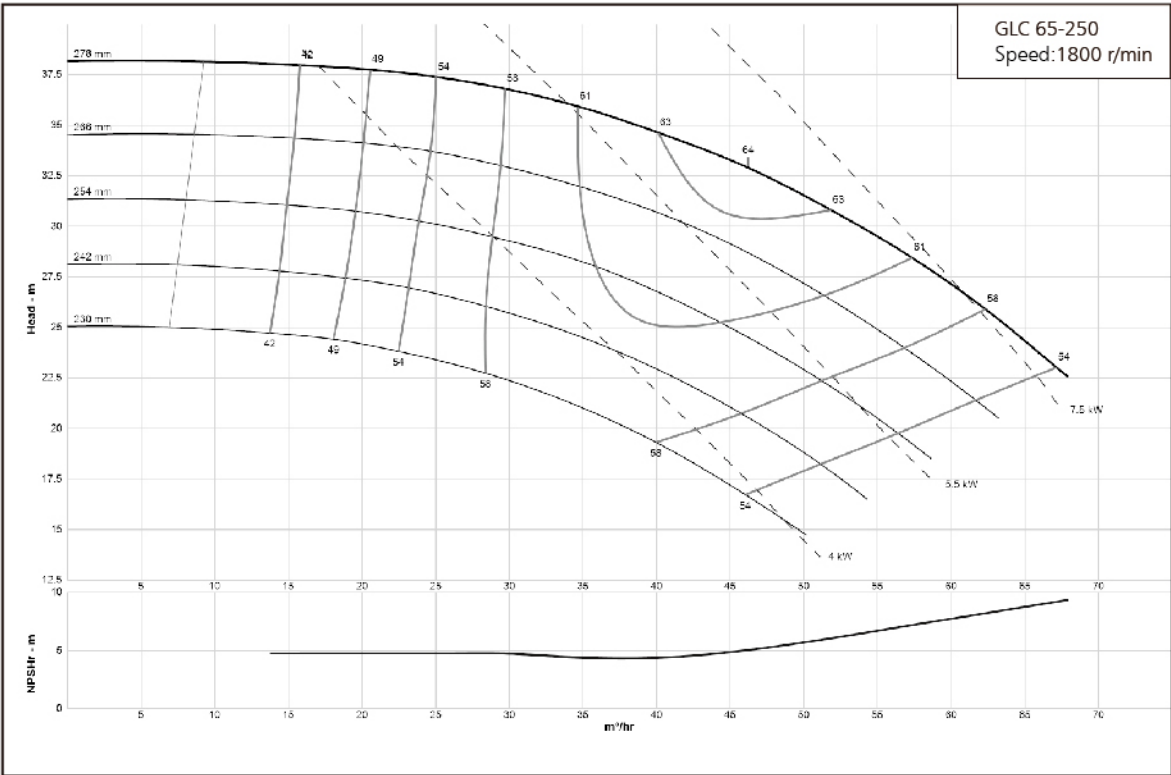
GLC 65-160 performance curve



GLC 65-200 performance curve



GLC 65-250 performance curve



GLC 80-160
Speed: 1800 r/min

Head - m

182 mm
178 mm
174 mm
168 mm
164 mm
160 mm
156 mm
152 mm
148 mm
146 mm

3 kW
2.2 kW
1.5 kW

61
67
71
74
74.9
64
64
64

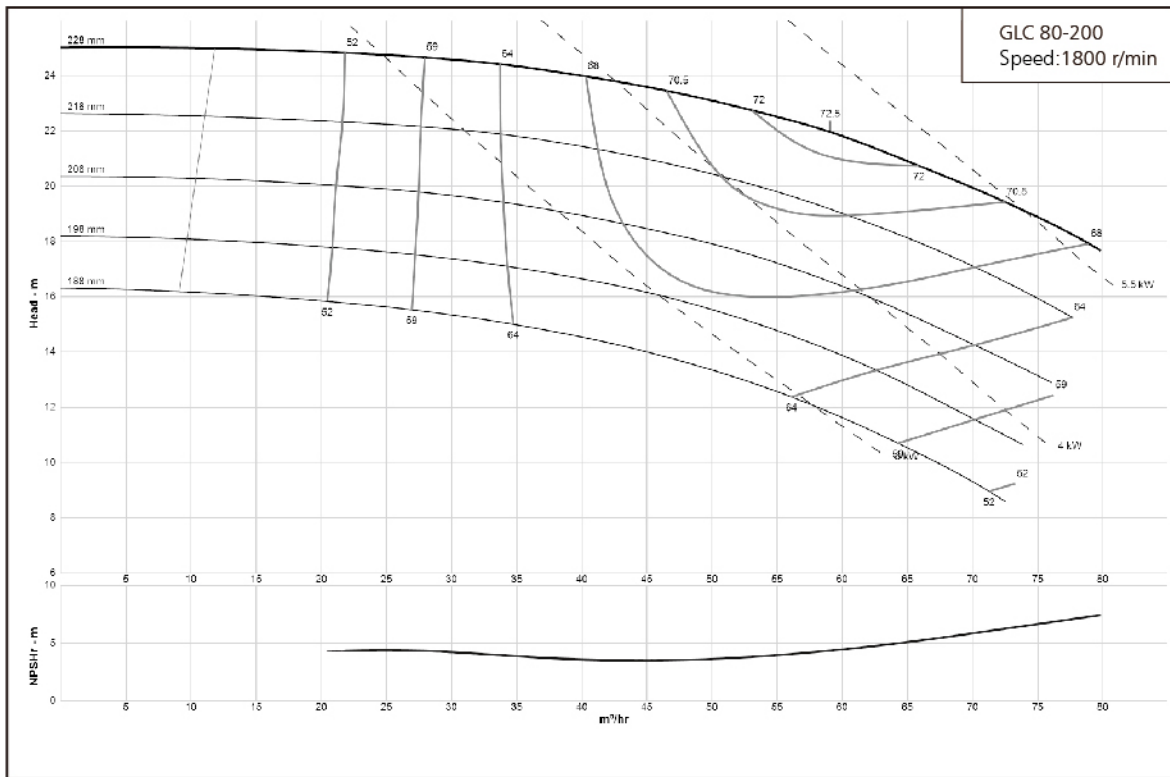
NPSHr - m

10
6
2

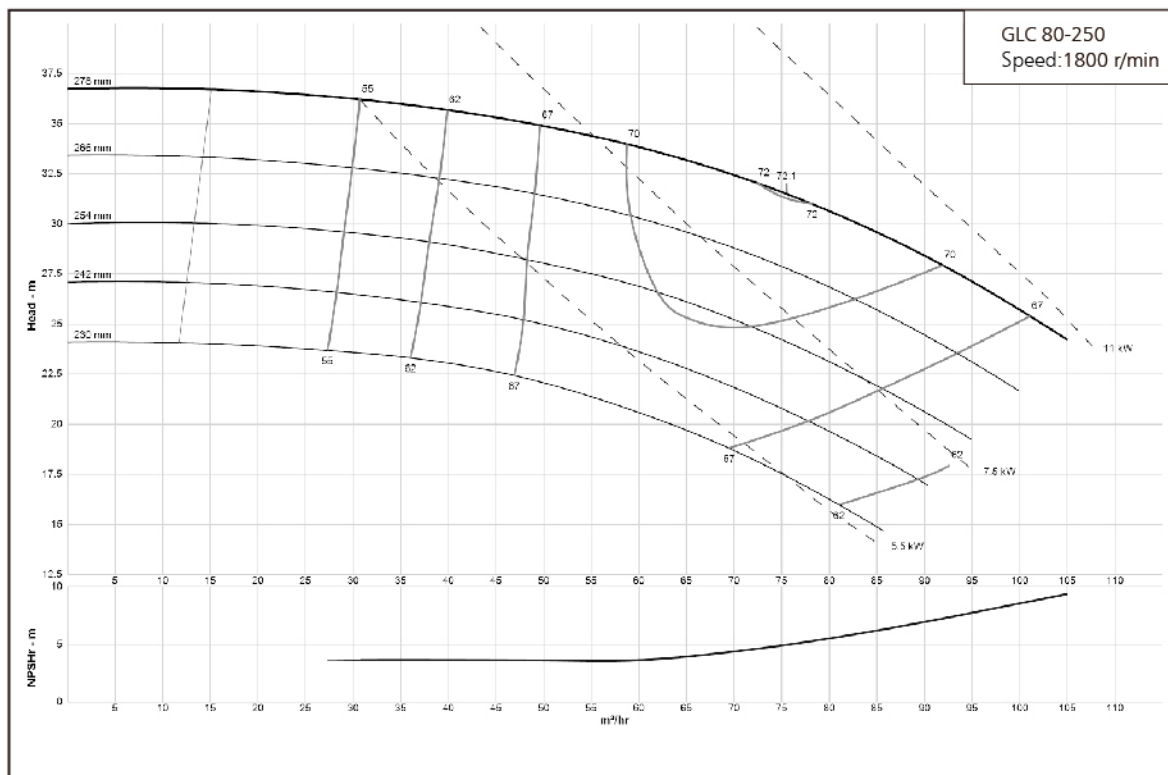
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

m³/hr

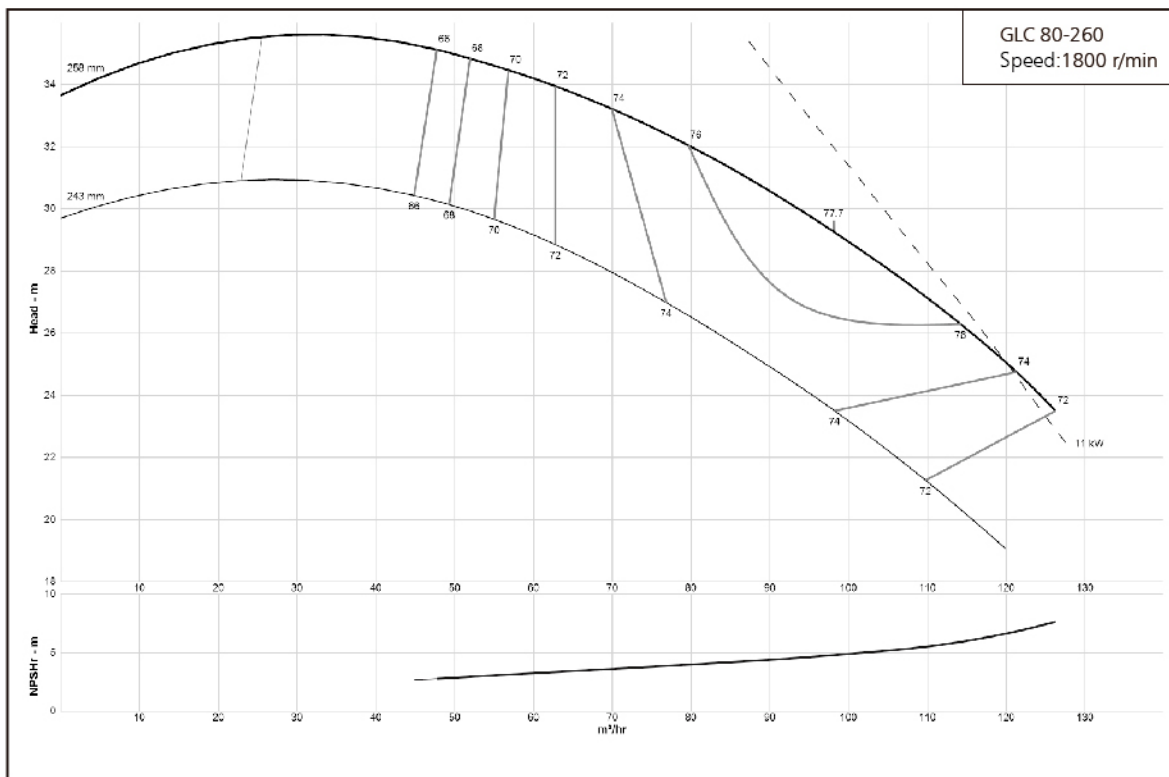
GLC 80-200 performance curve



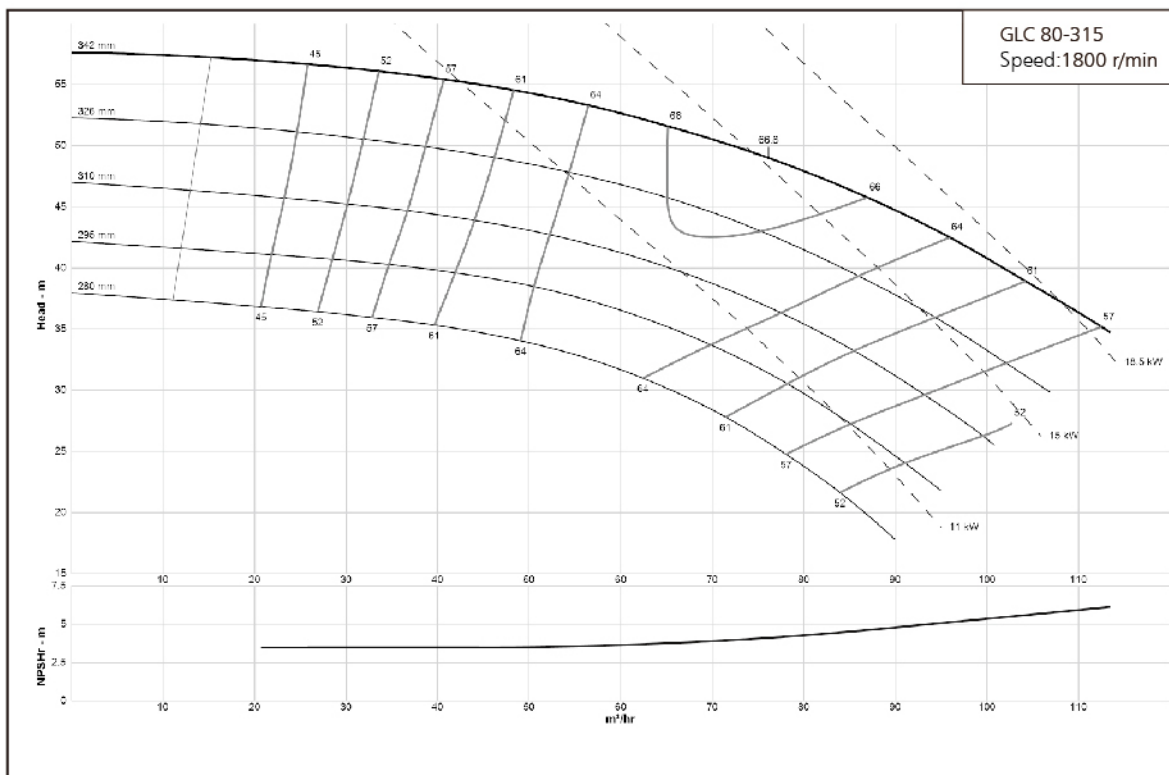
GLC 80-250 performance curve



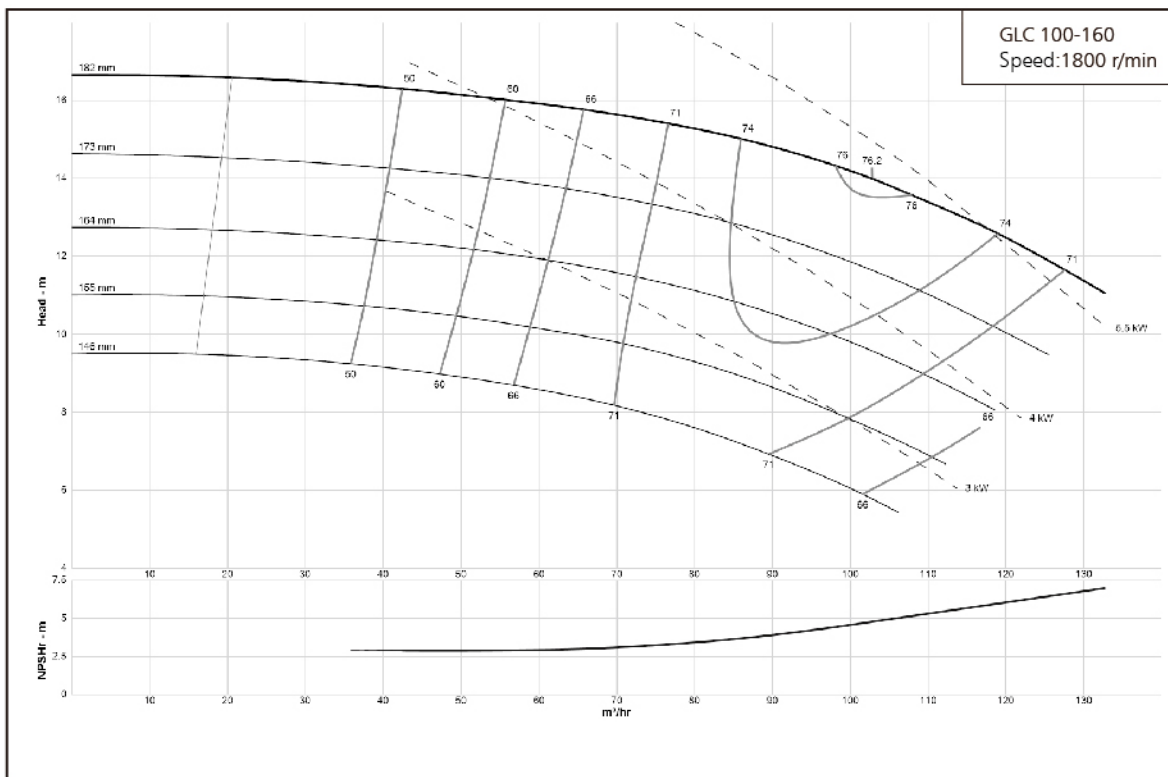
GLC 80-260 performance curve



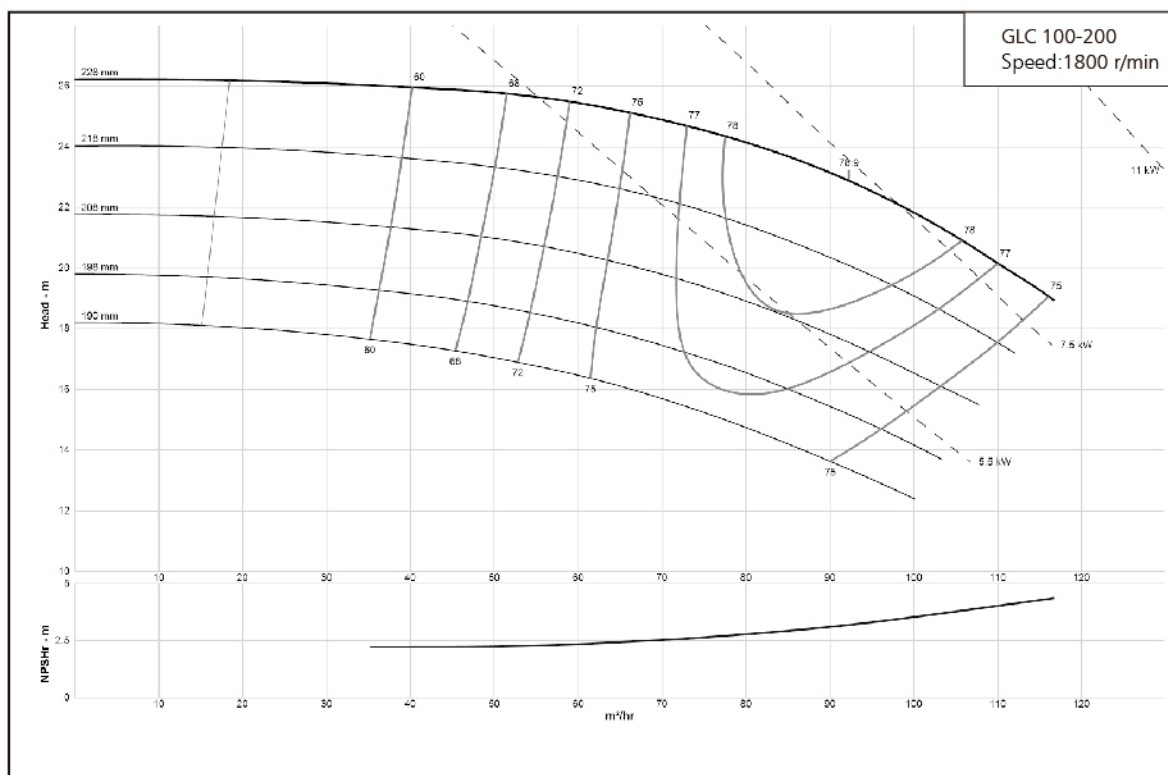
GLC 80-315 performance curve



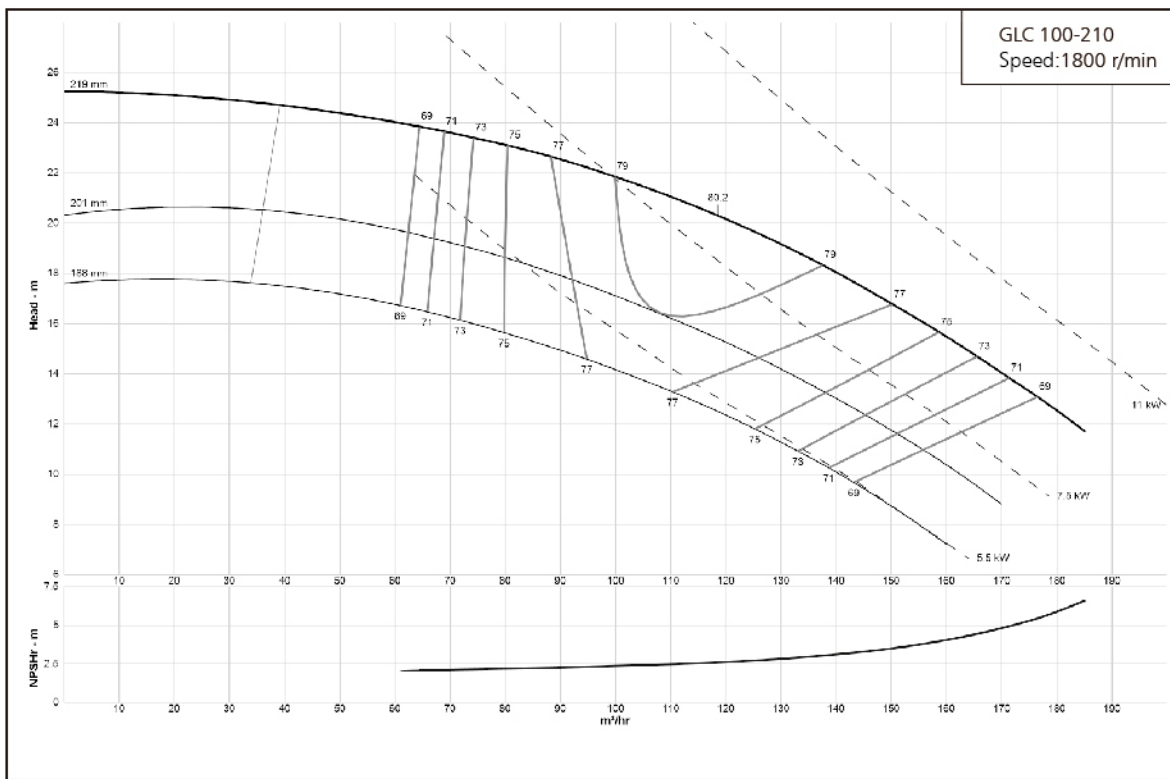
GLC 100-160 performance curve



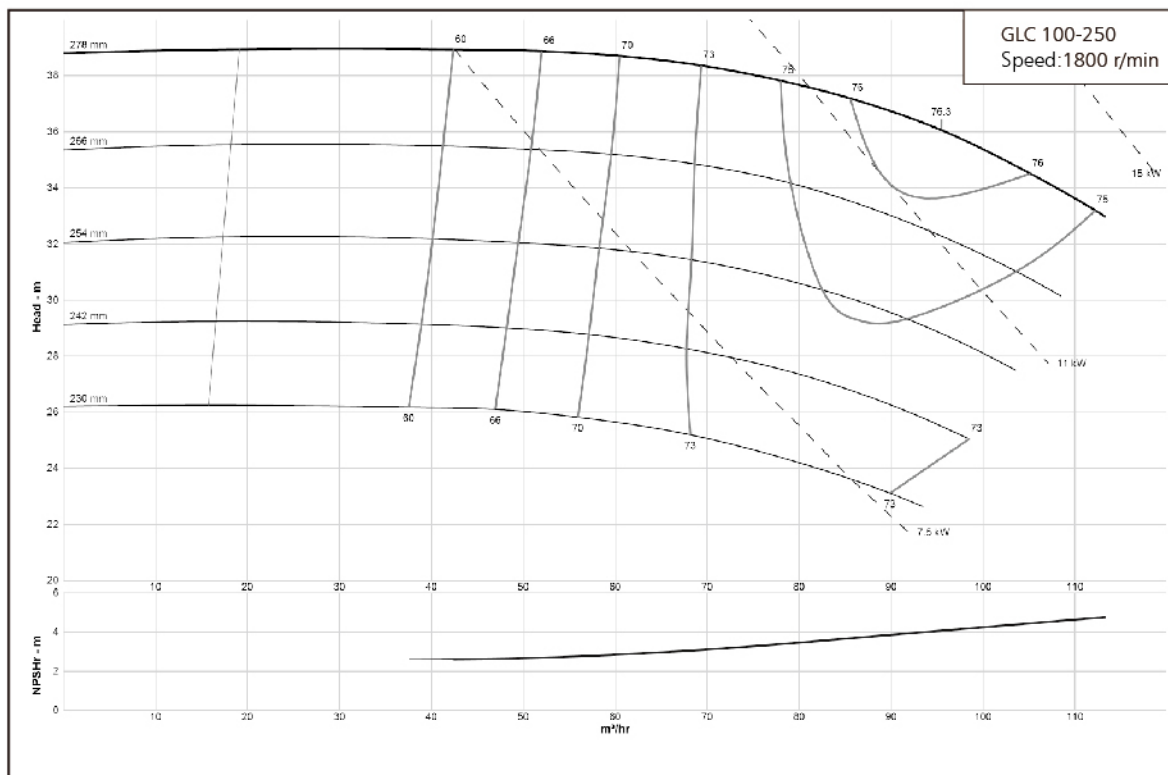
GLC 100-200 performance curve



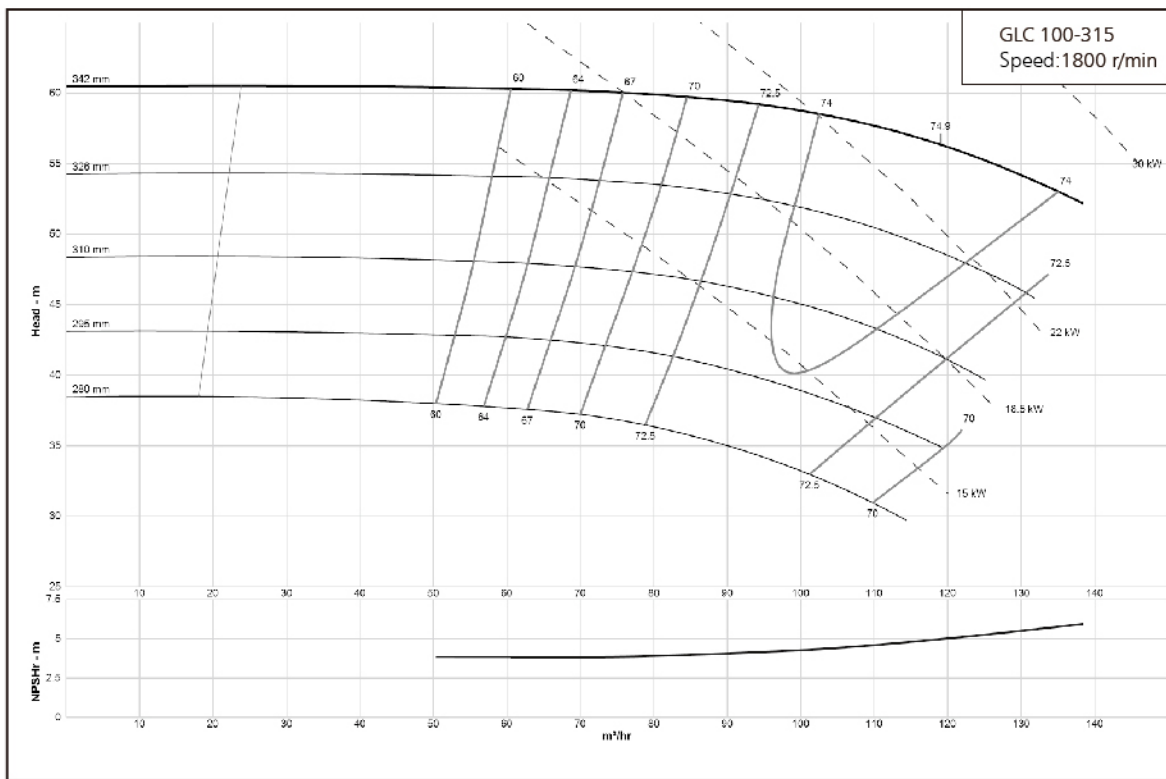
GLC 100-210 performance curve



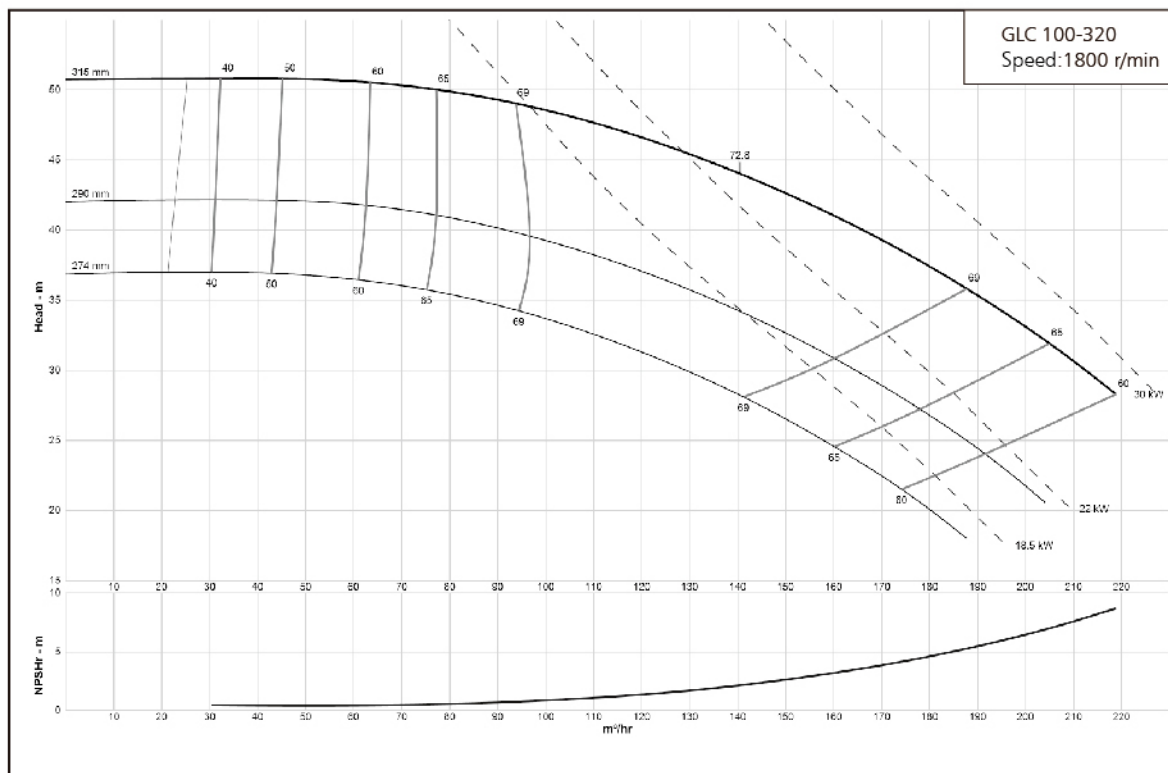
GLC 100-250 performance curve



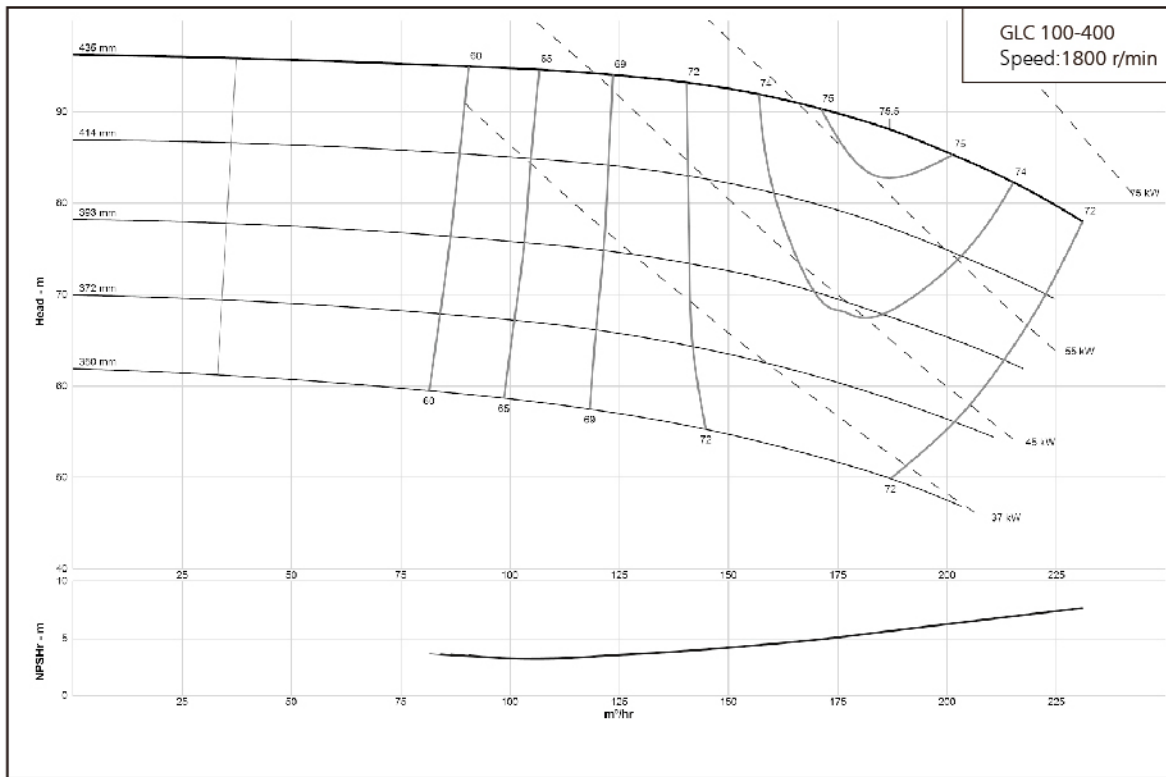
GLC 100-315 performance curve



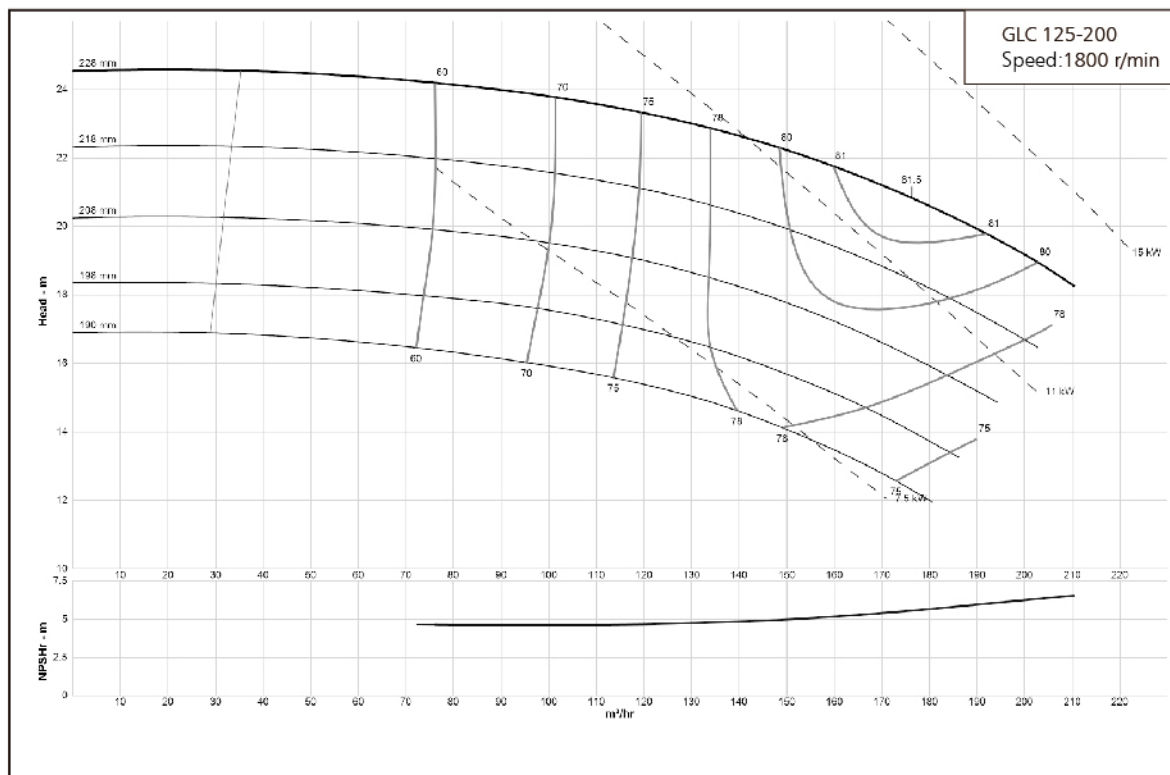
GLC 100-320 performance curve



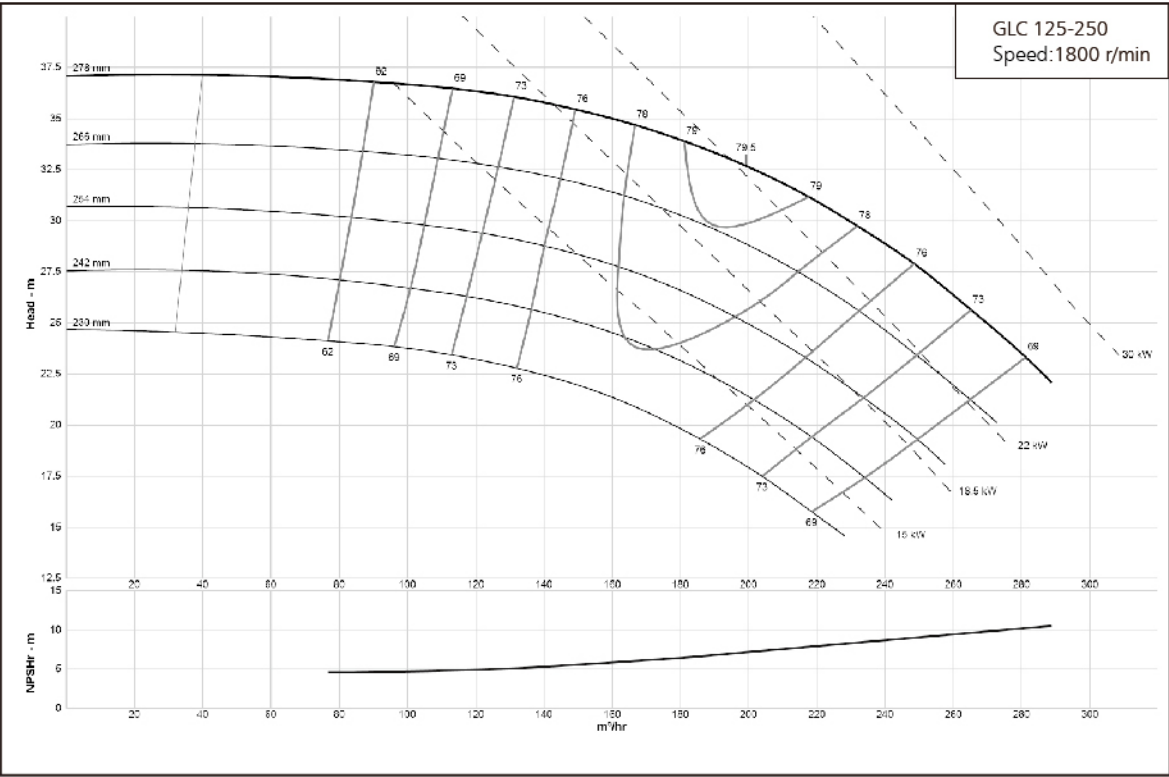
GLC 100-400 performance curve



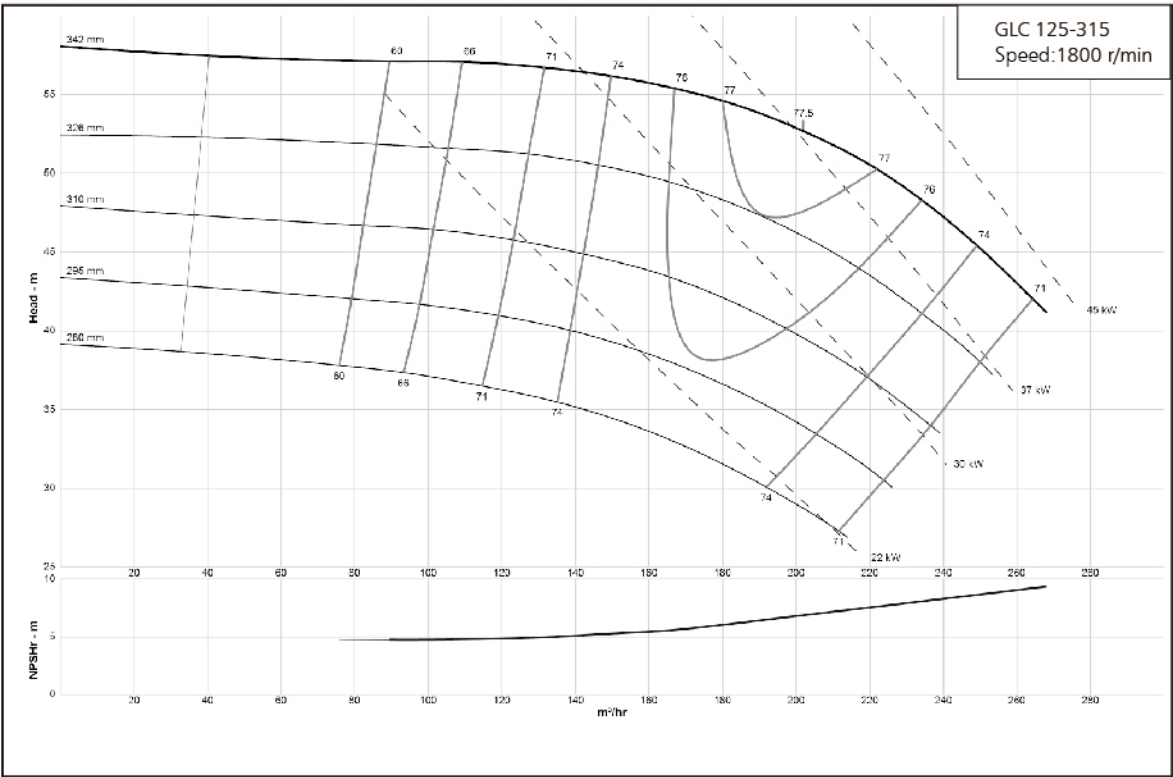
GLC 125-200 performance curve



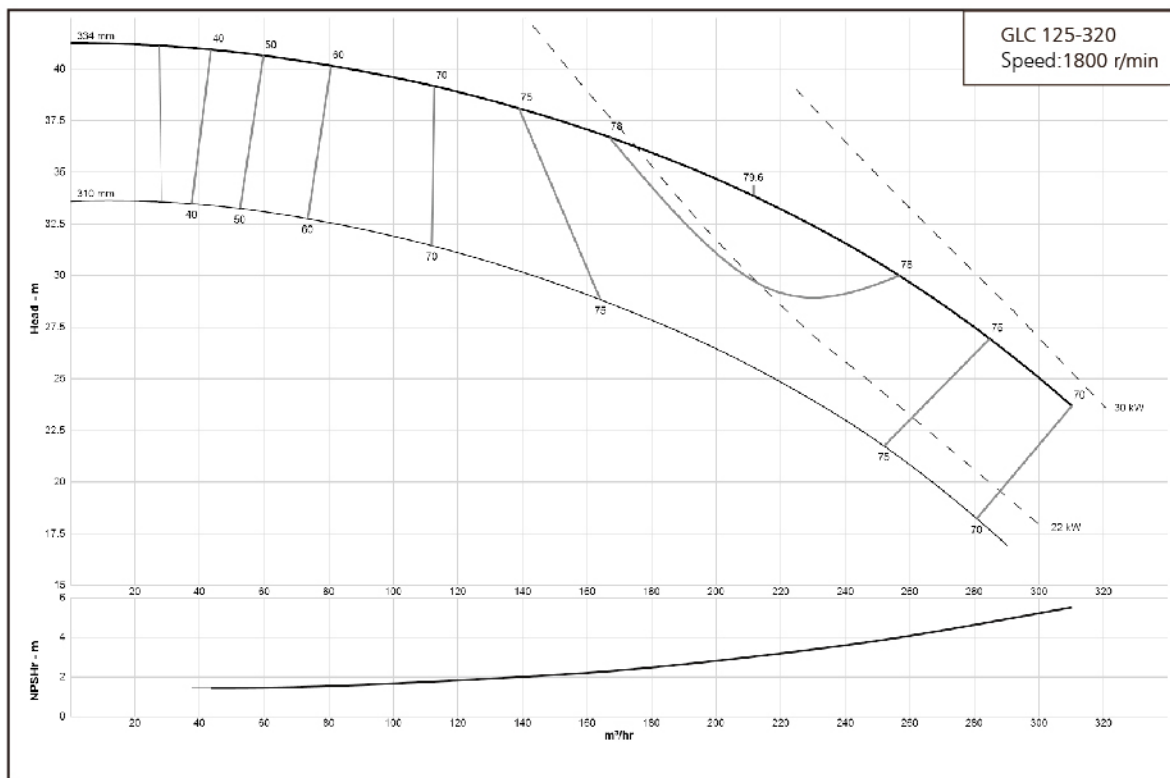
GLC 125-250 performance curve



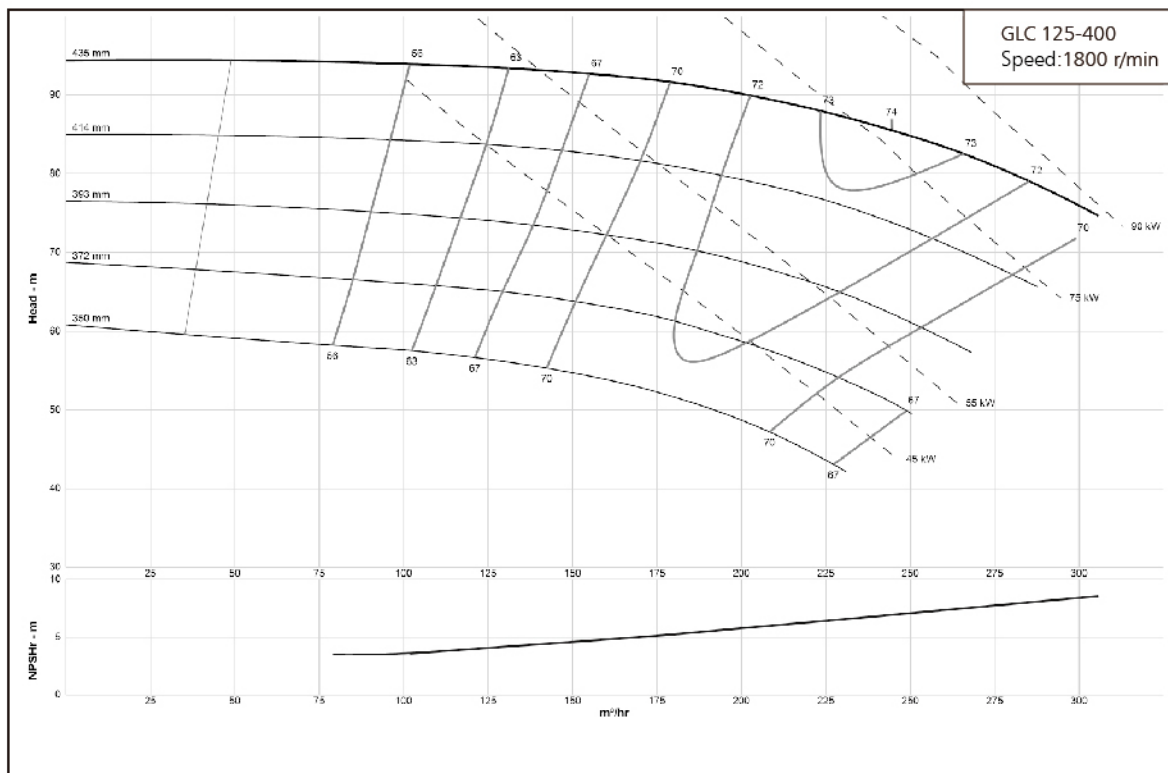
GLC 125-315 performance curve



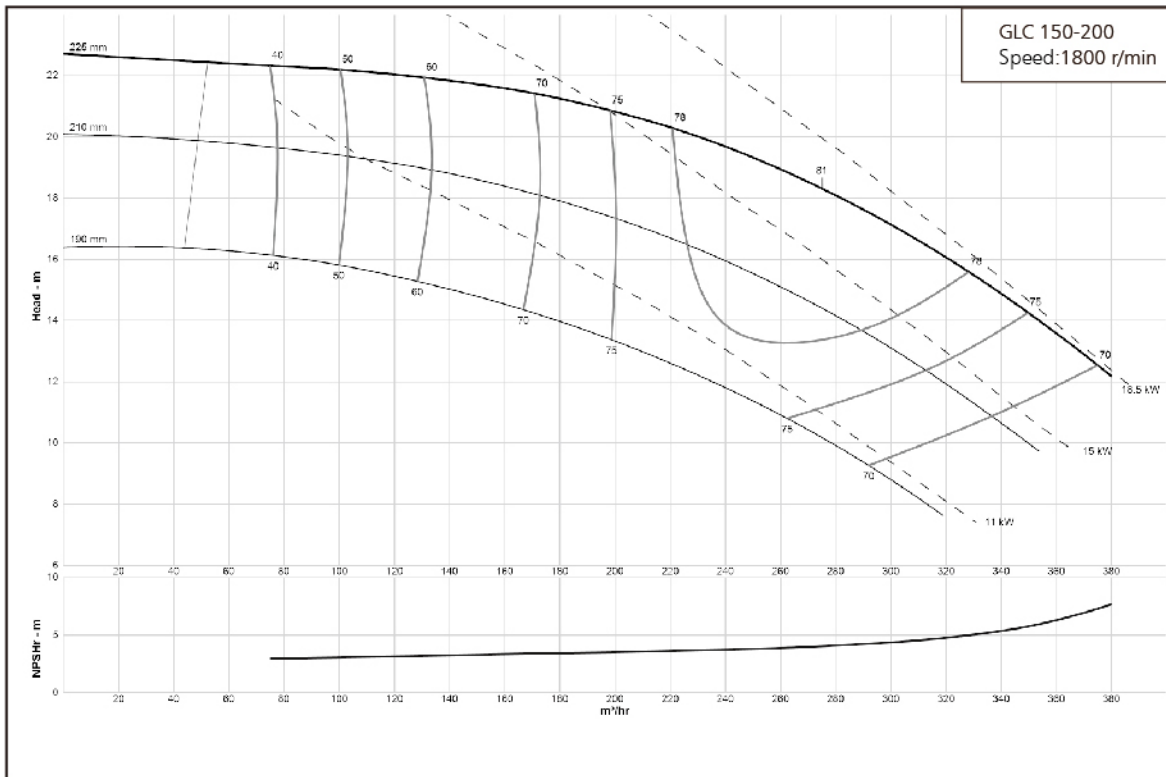
GLC 125-320 performance curve



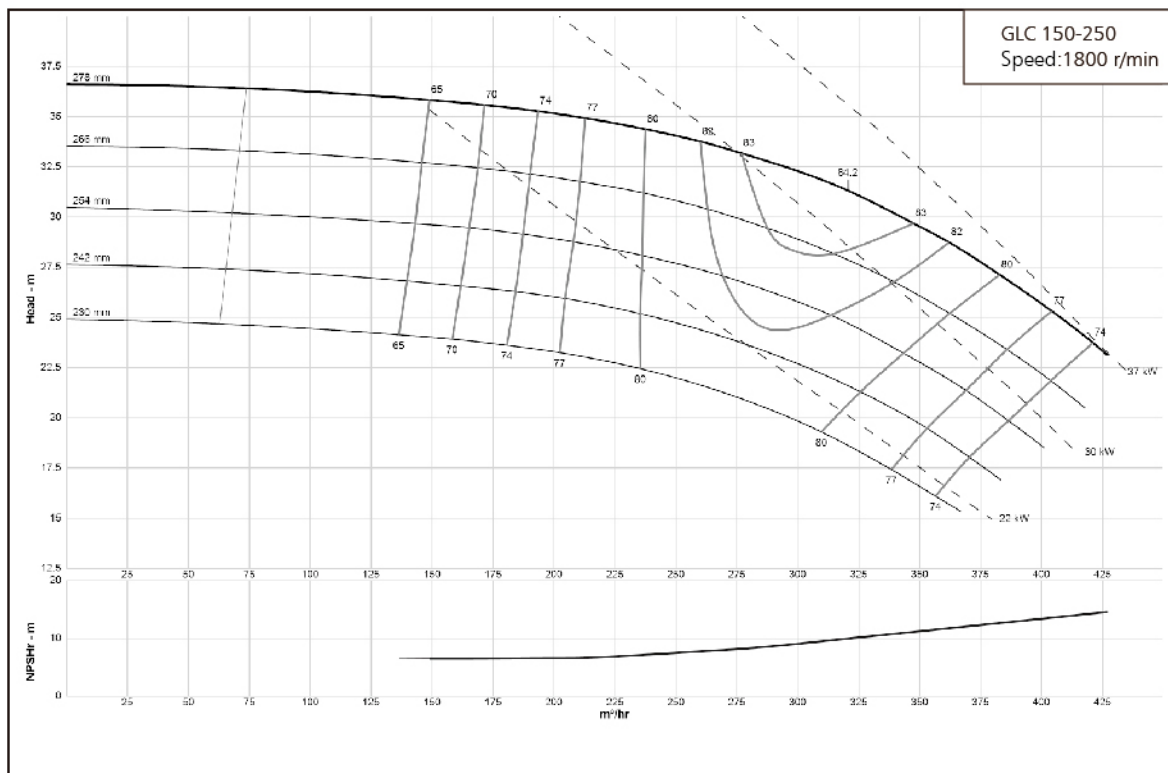
GLC 125-400 performance curve



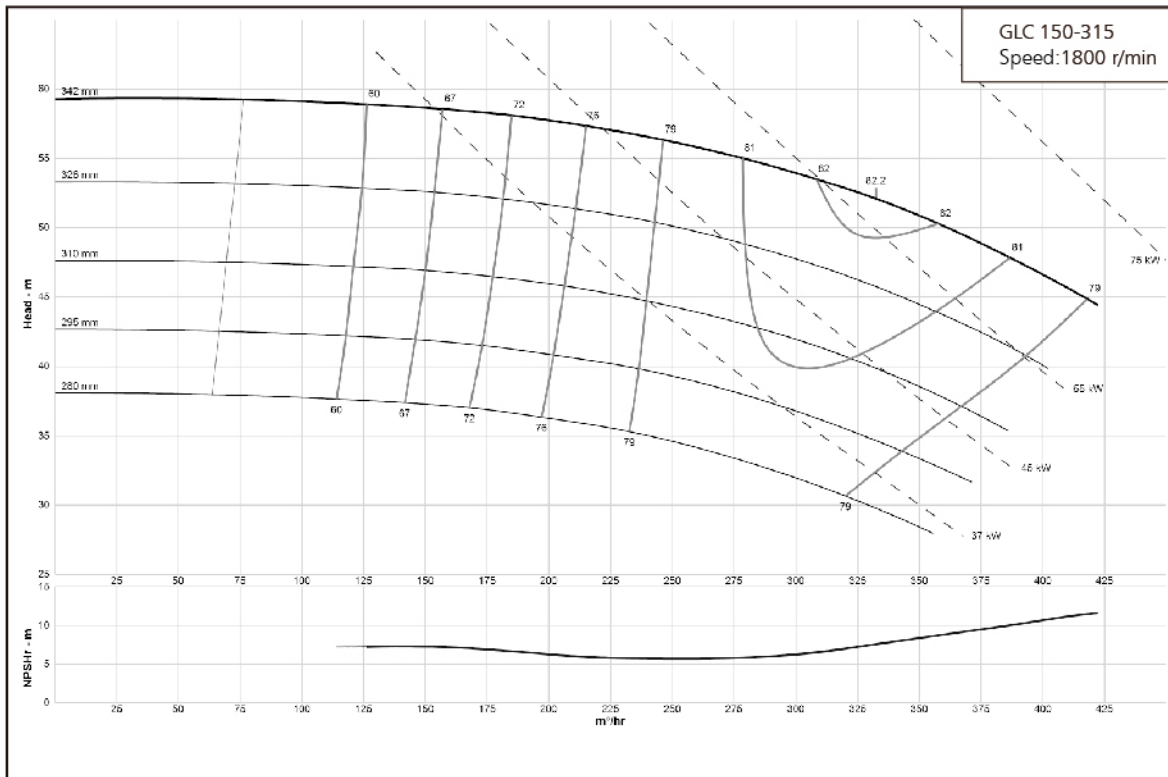
GLC 150-200 performance curve



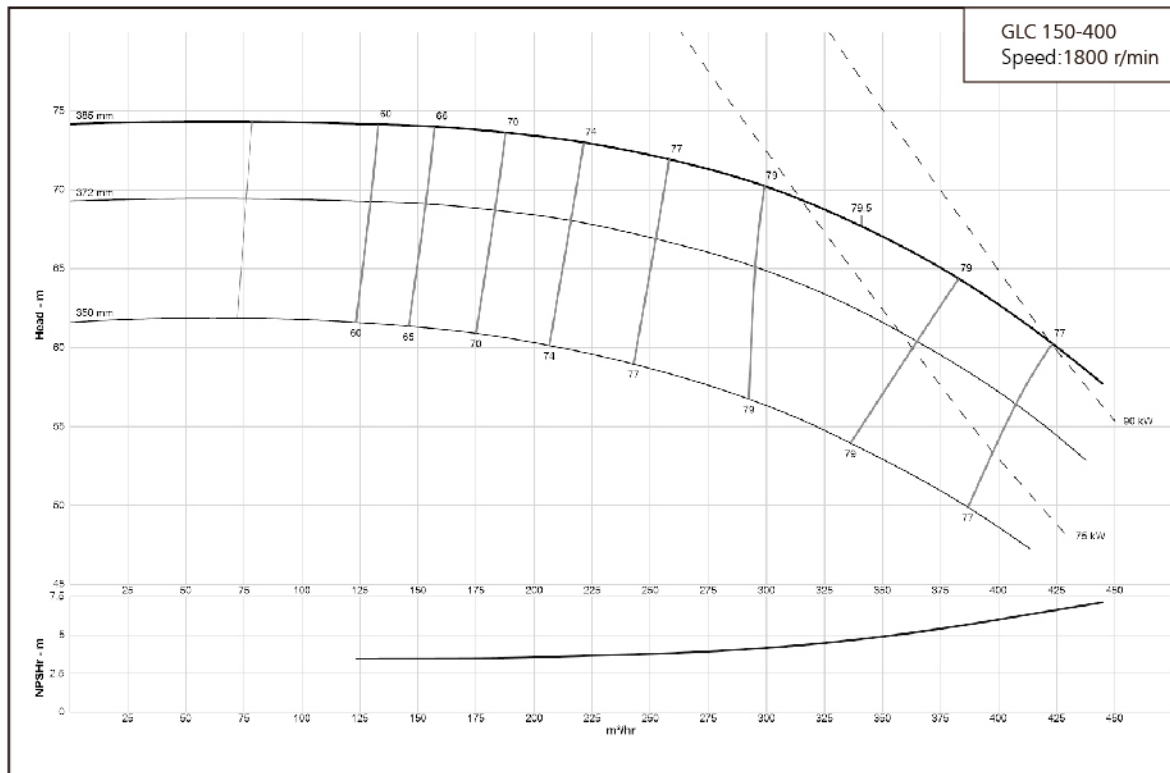
GLC 150-250 performance curve



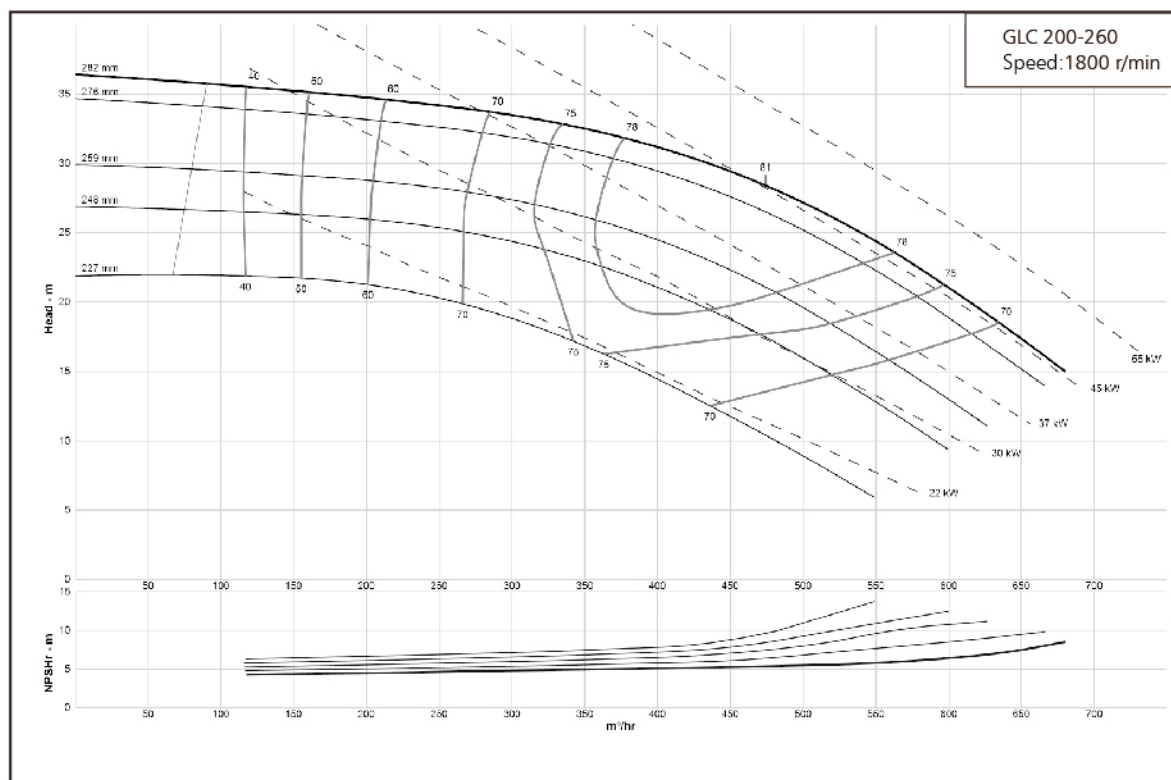
GLC 150-315 performance curve



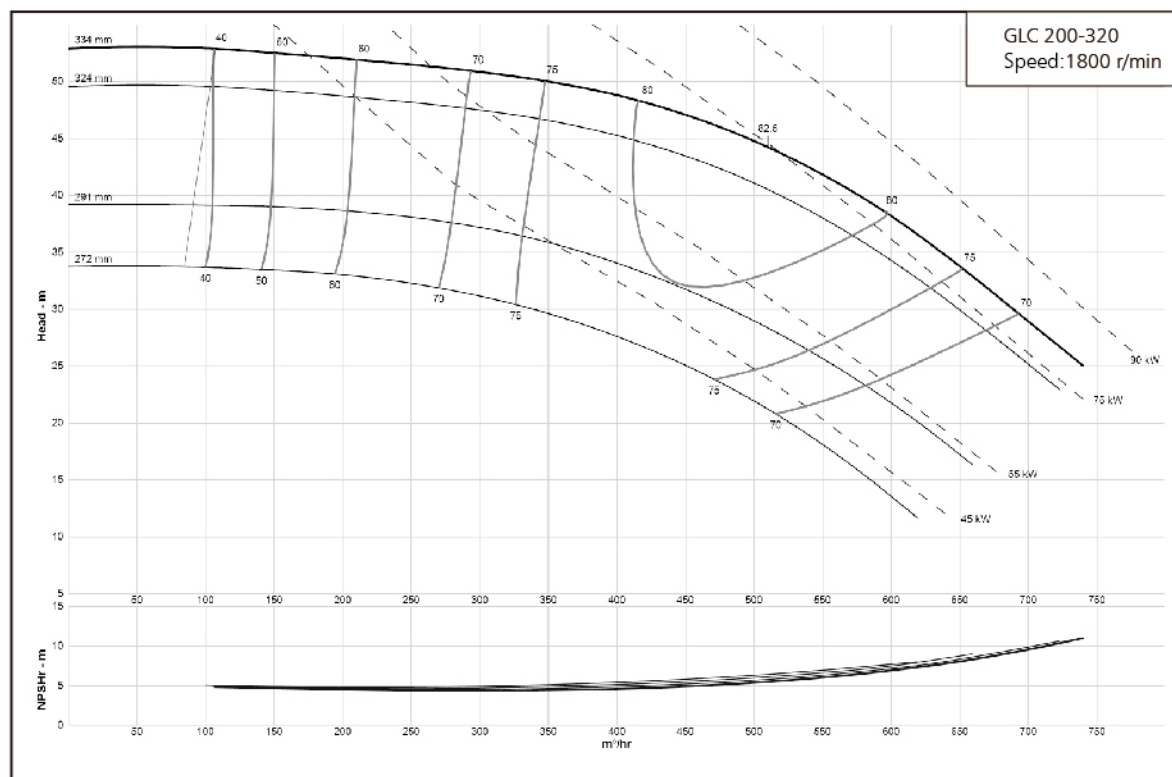
GLC 150-400 performance curve



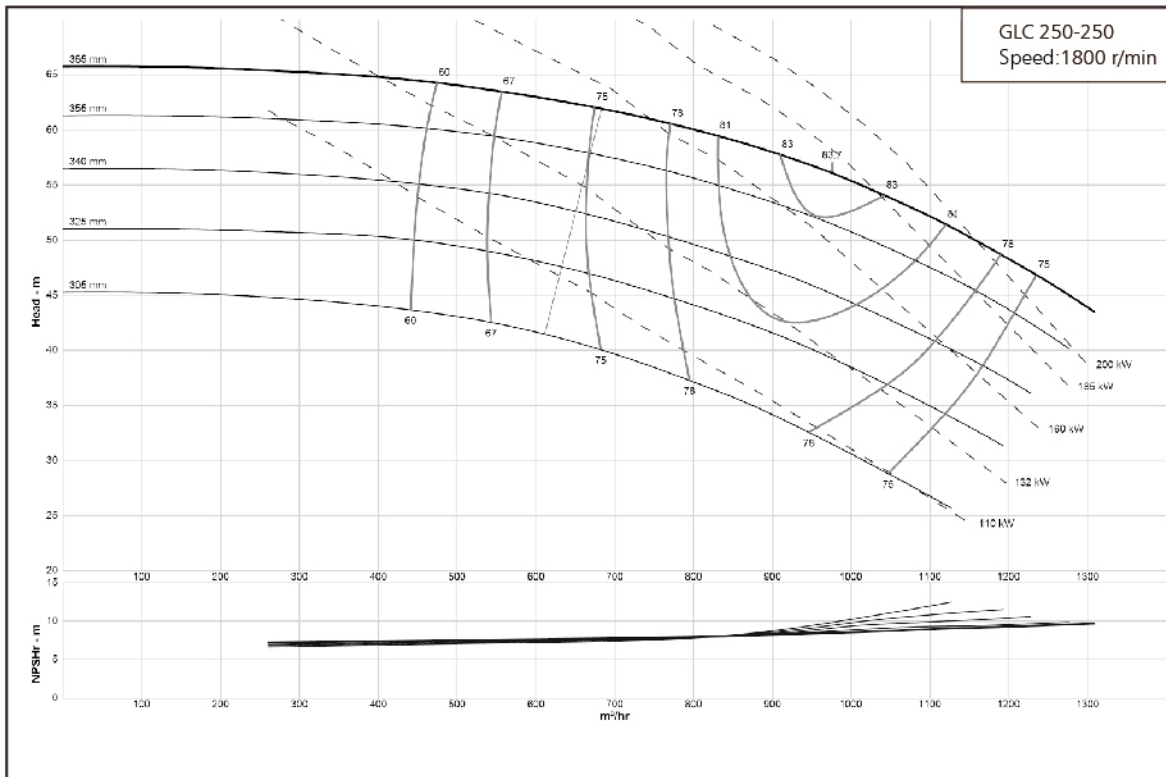
GLC 200-260 performance curve



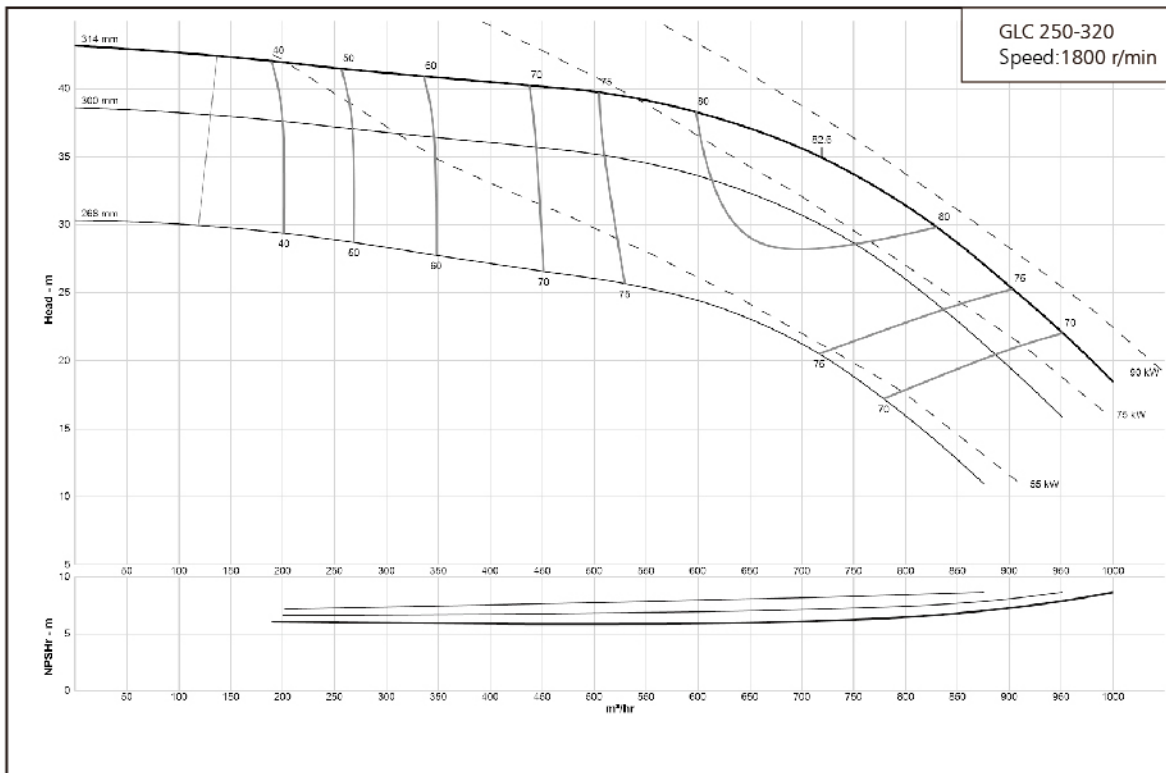
GLC 200-320 performance curve



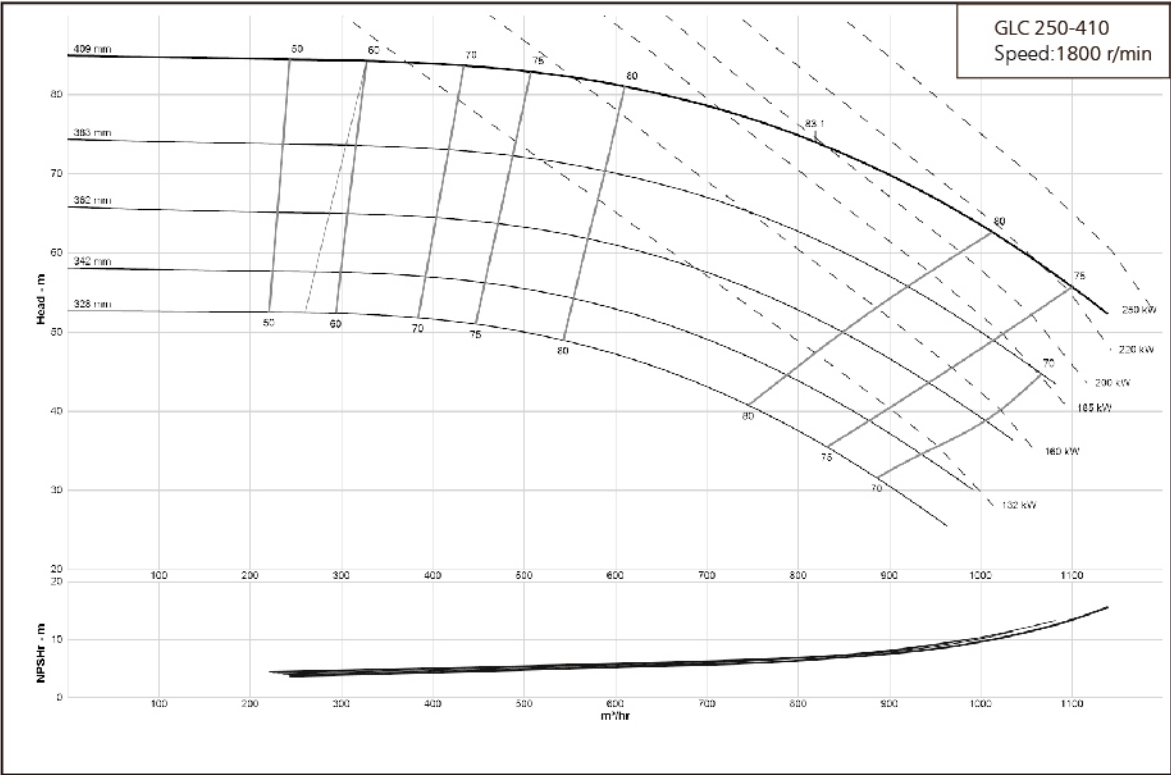
GLC 250-250 performance curve



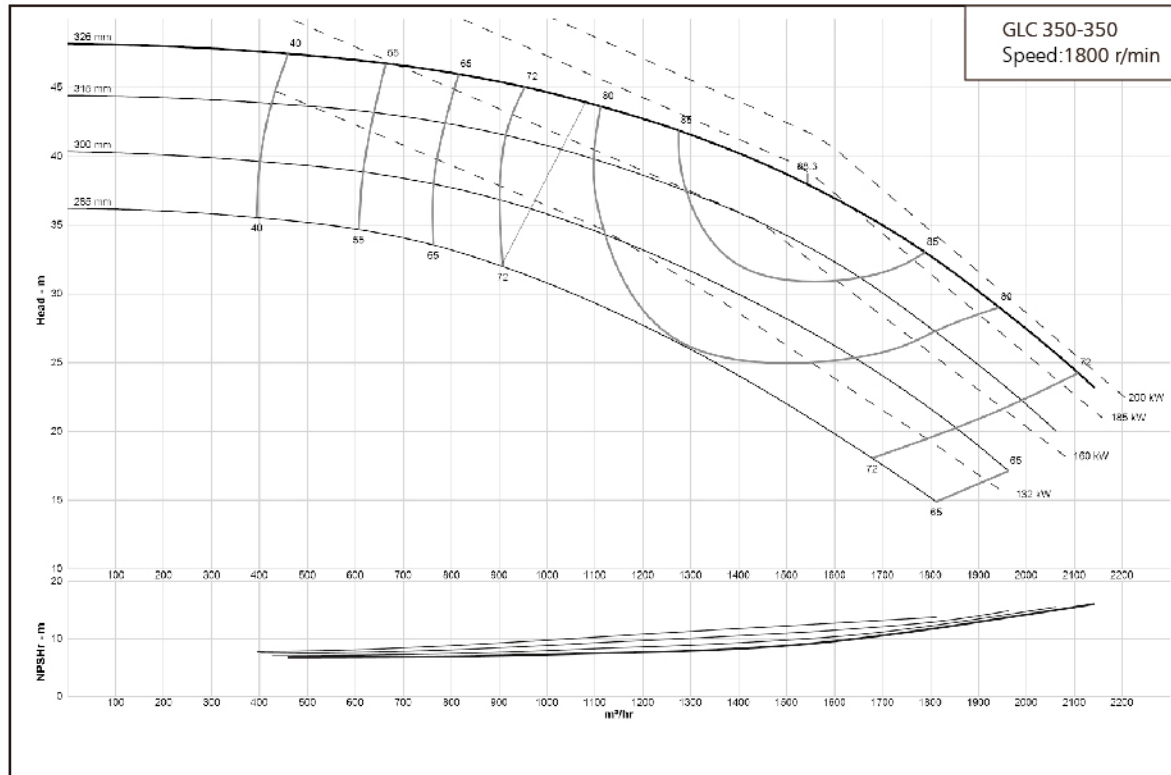
GLC 250-320 performance curve



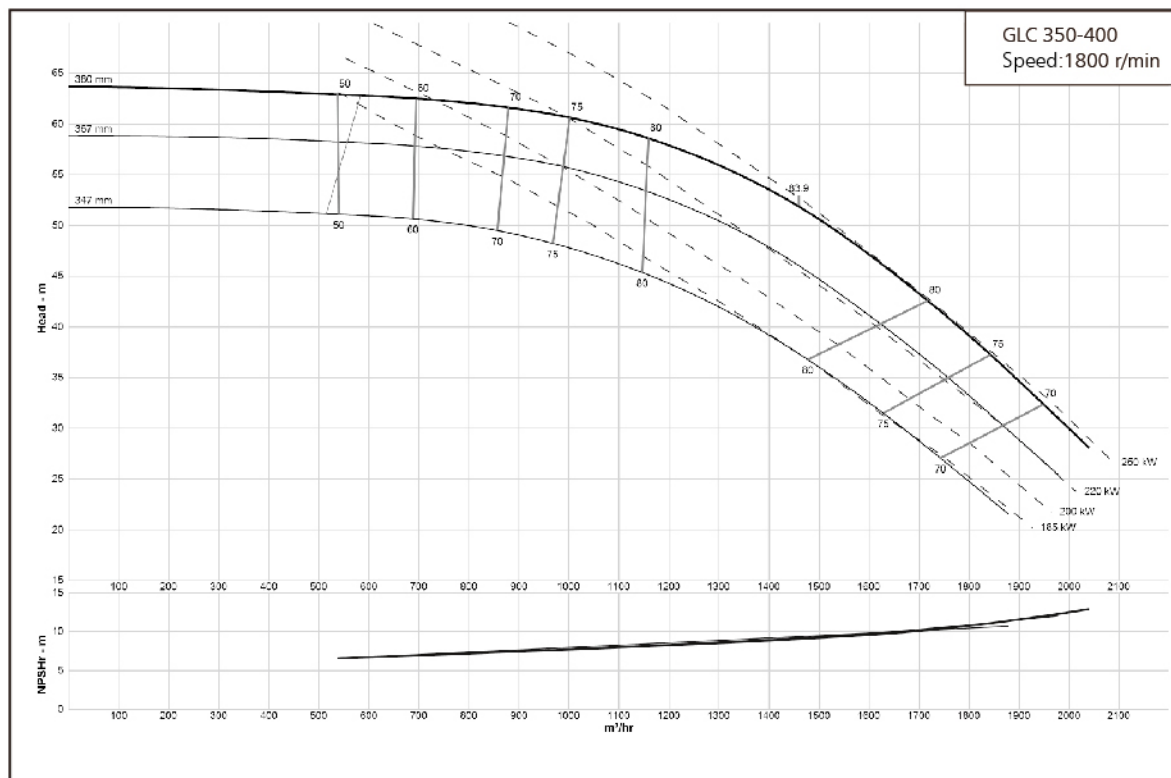
GLC 250-410 performance curve



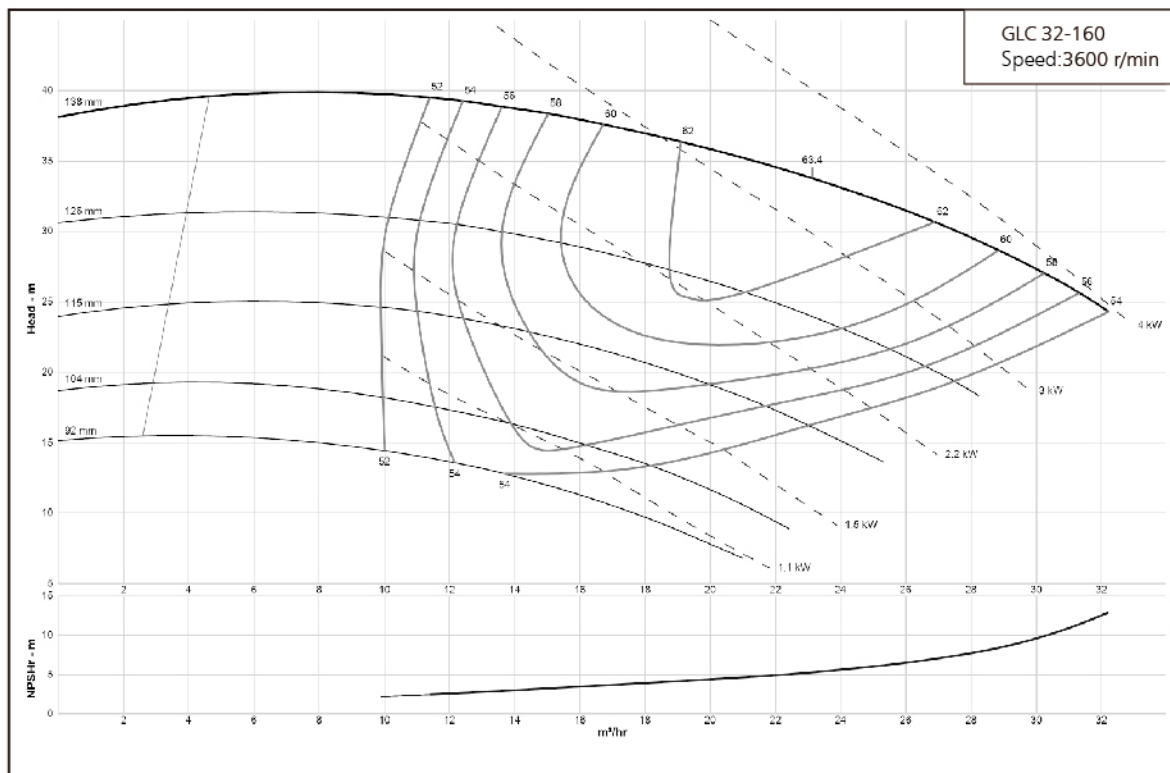
GLC 350-350 performance curve



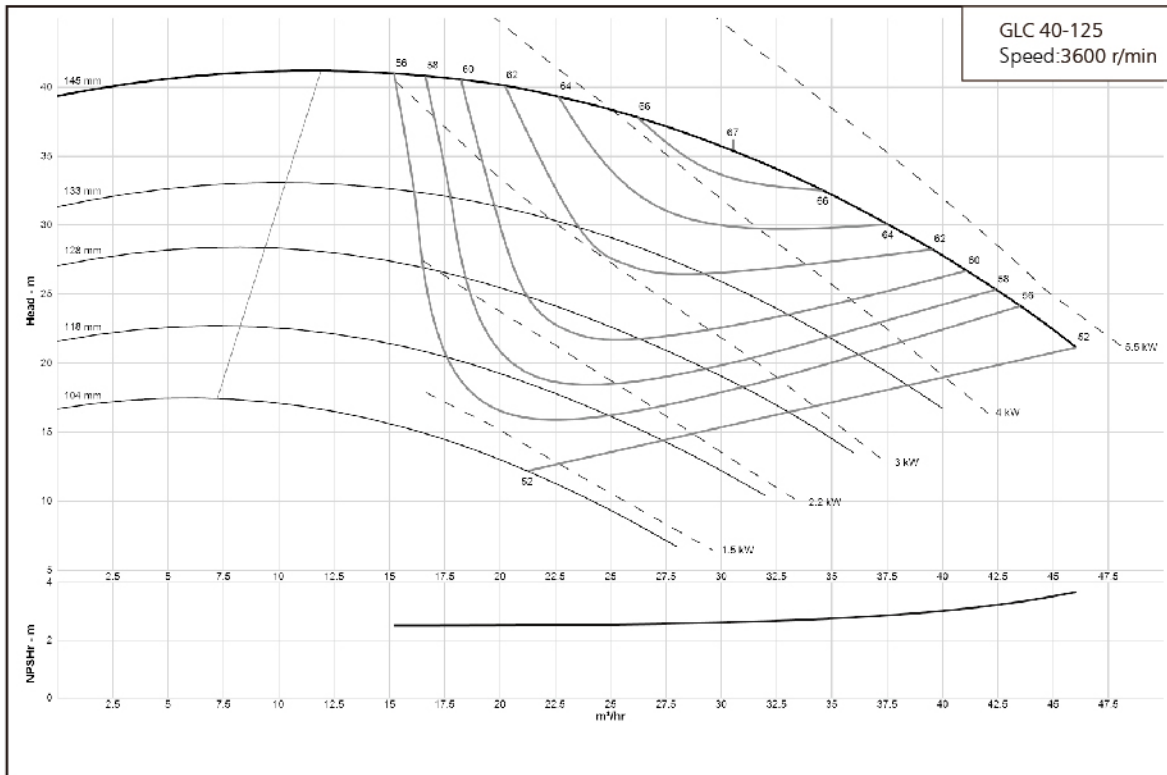
GLC 350-400 performance curve



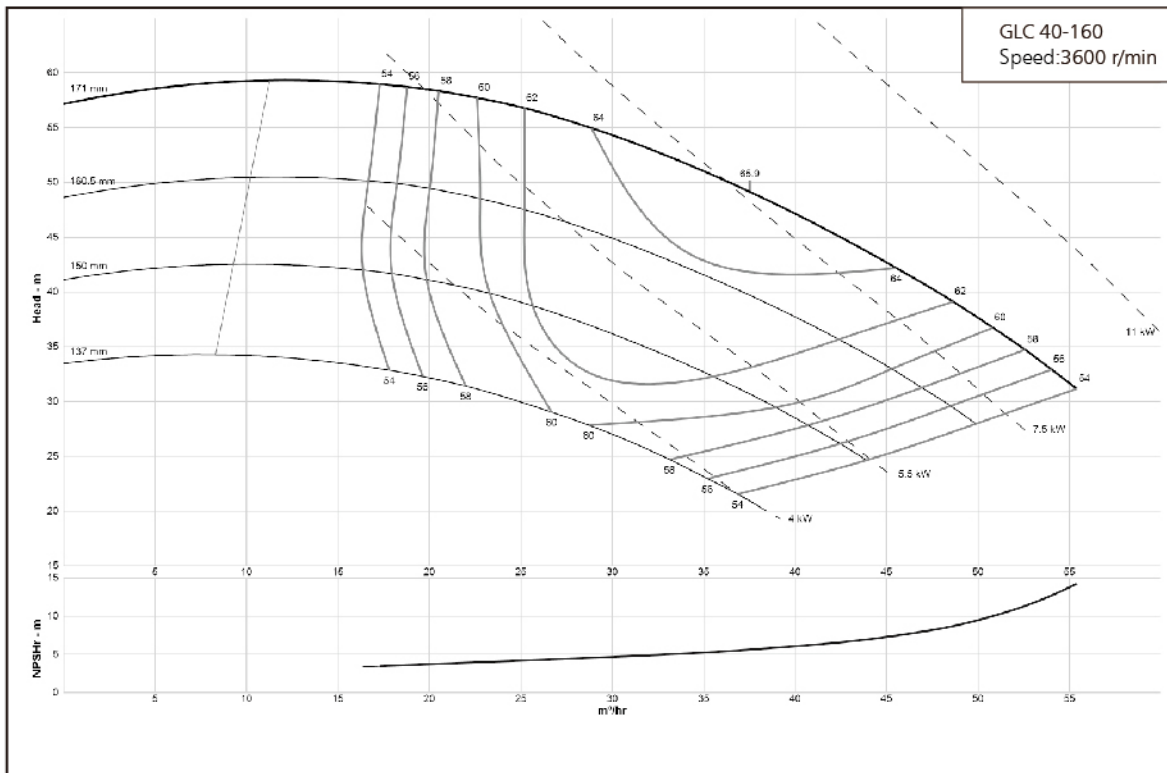
GLC 32-160 performance curve



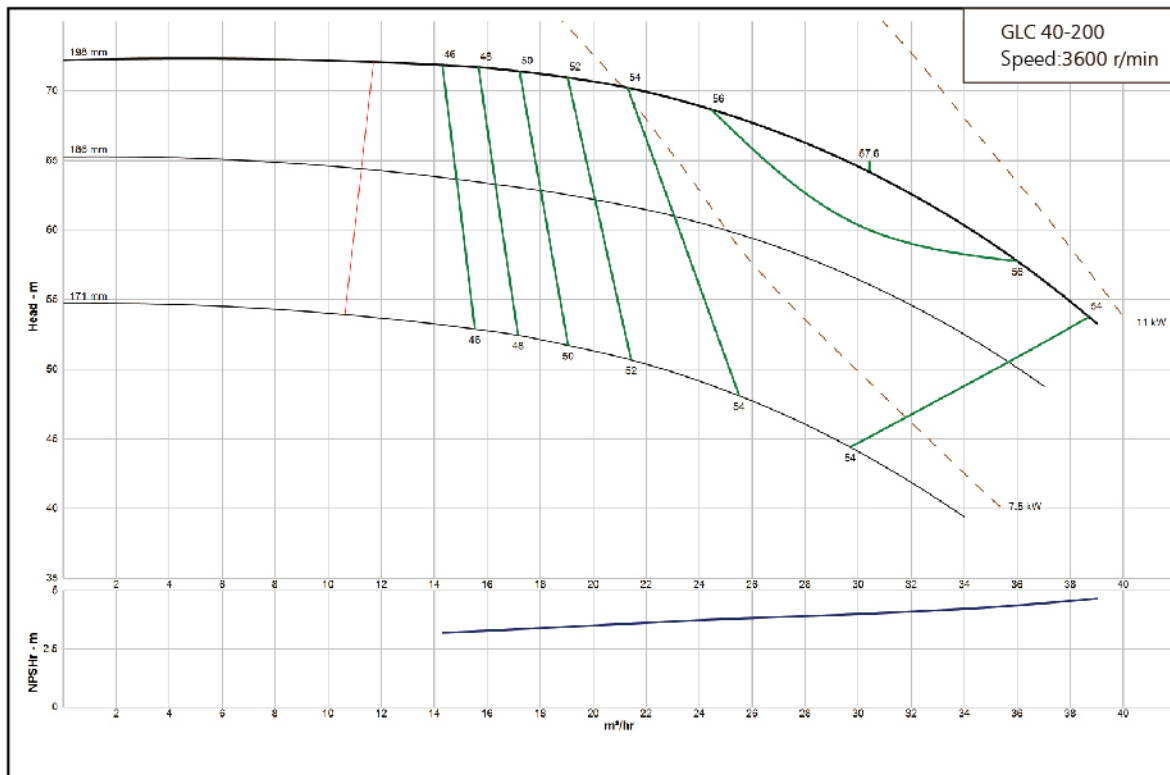
GLC 40-125 performance curve



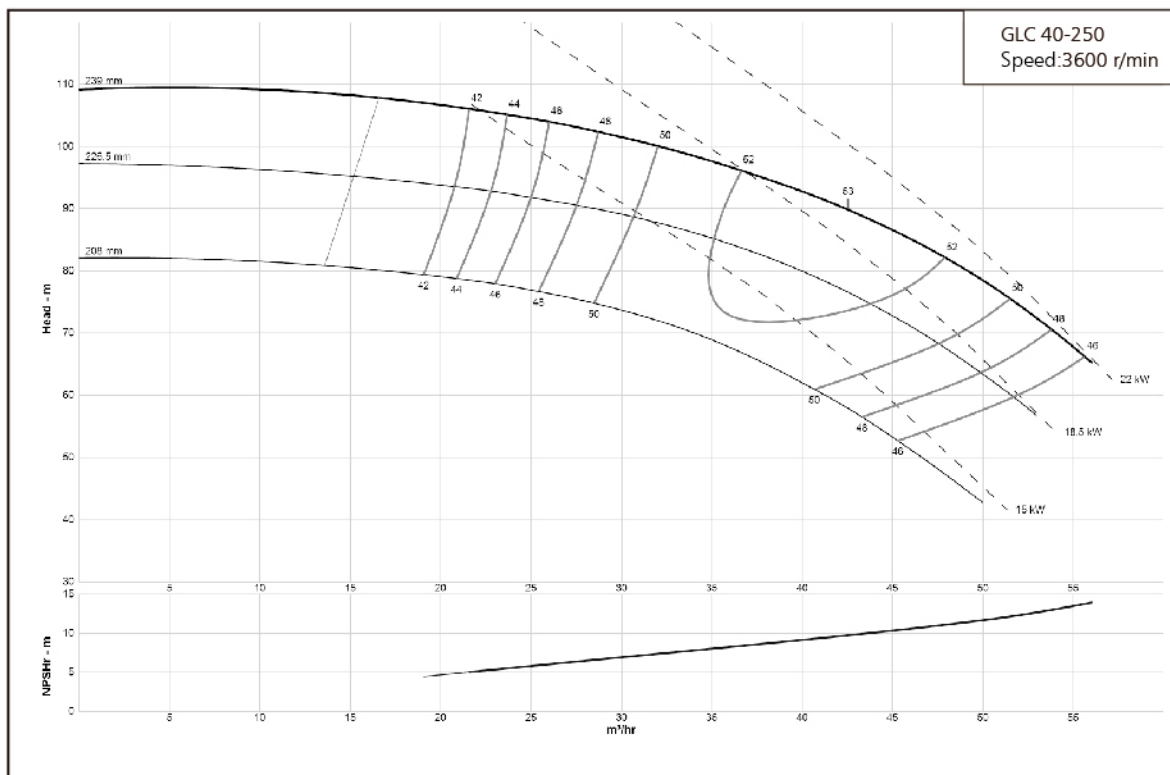
GLC 40-160 performance curve



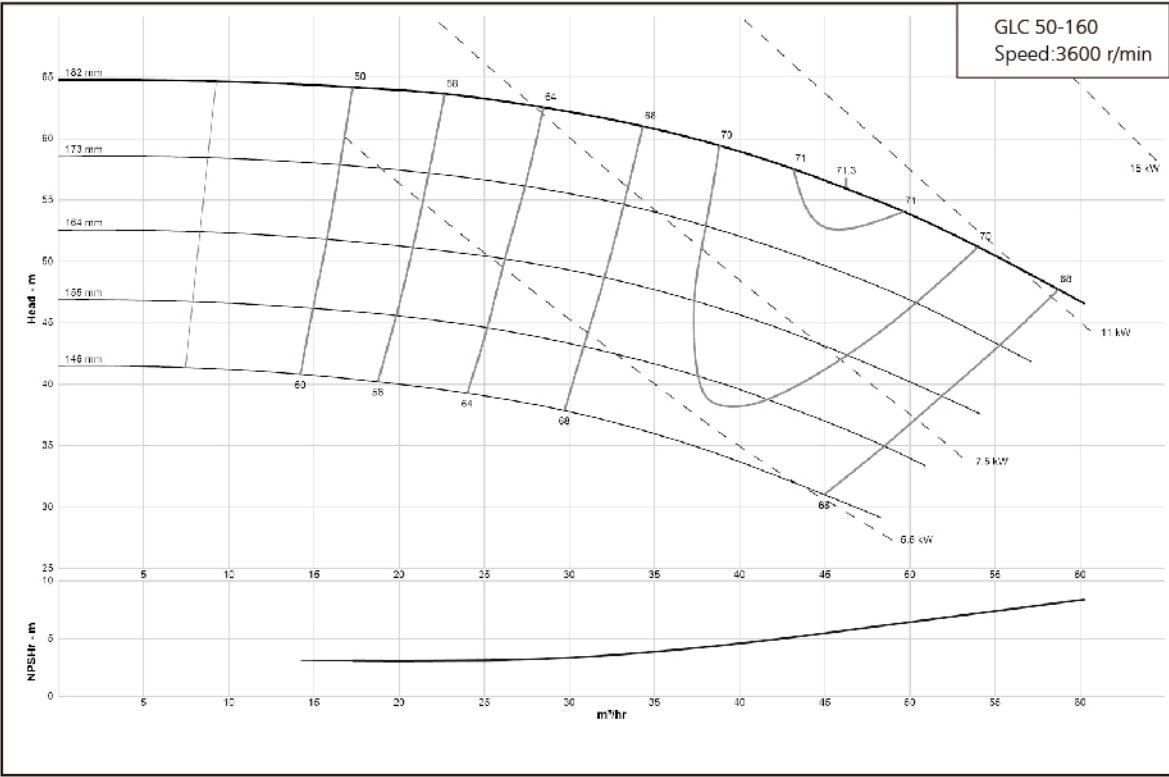
GLC 40-200 performance curve



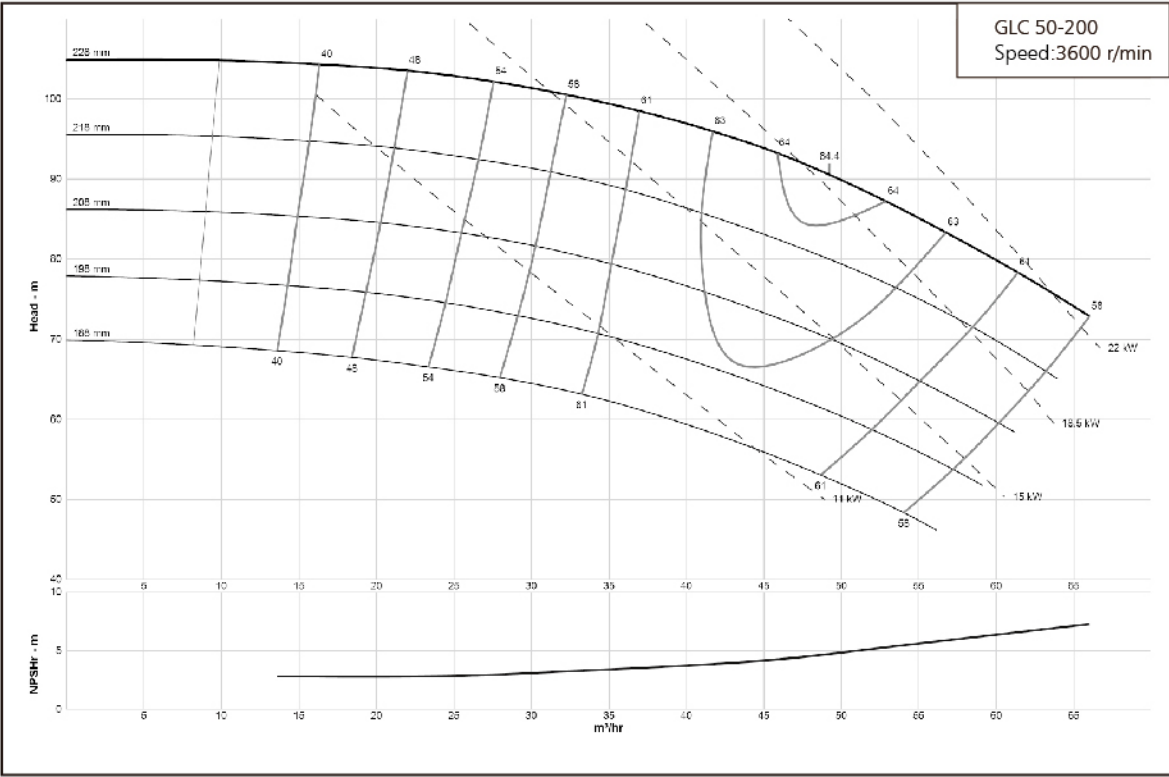
GLC 40-250 performance curve



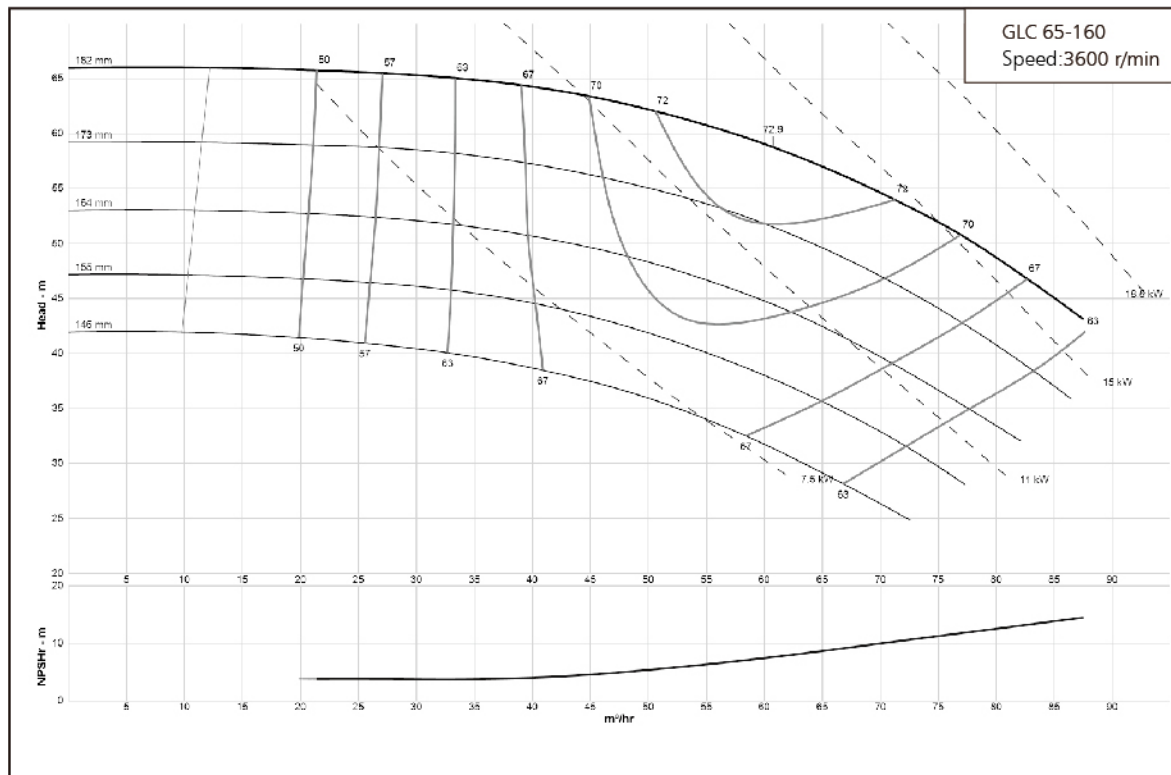
GLC 50-160 performance curve



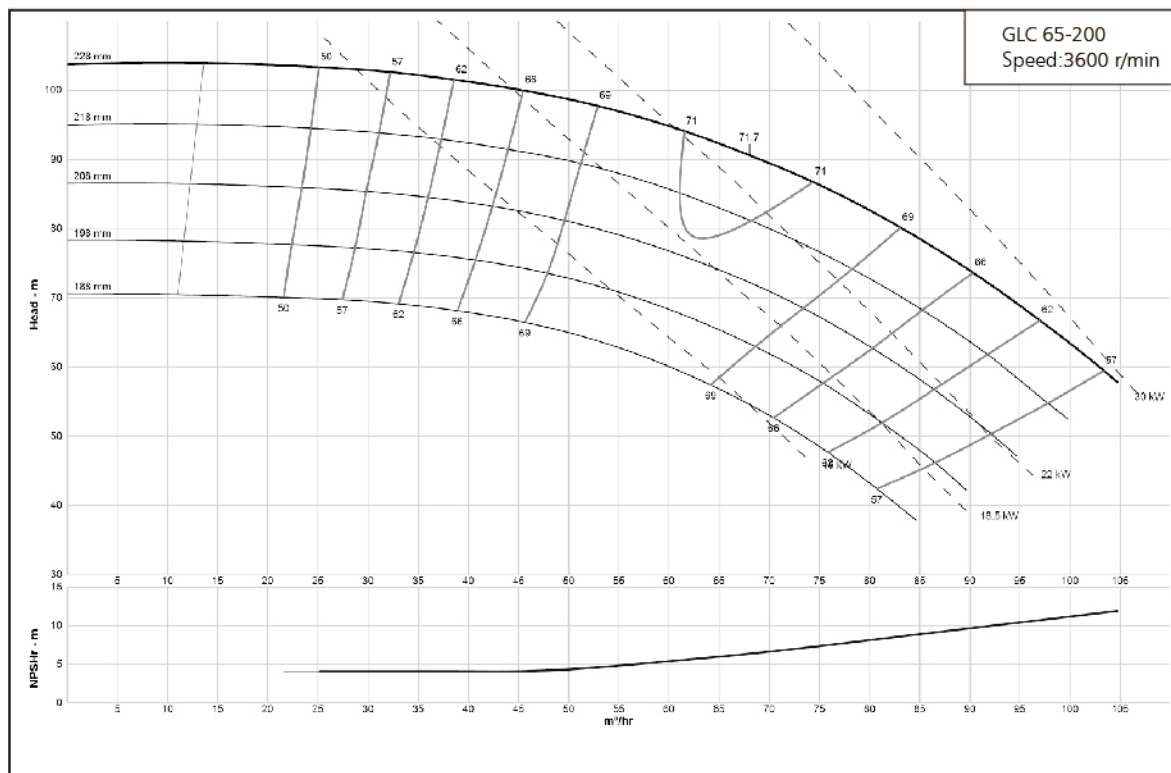
GLC 50-200 performance curve



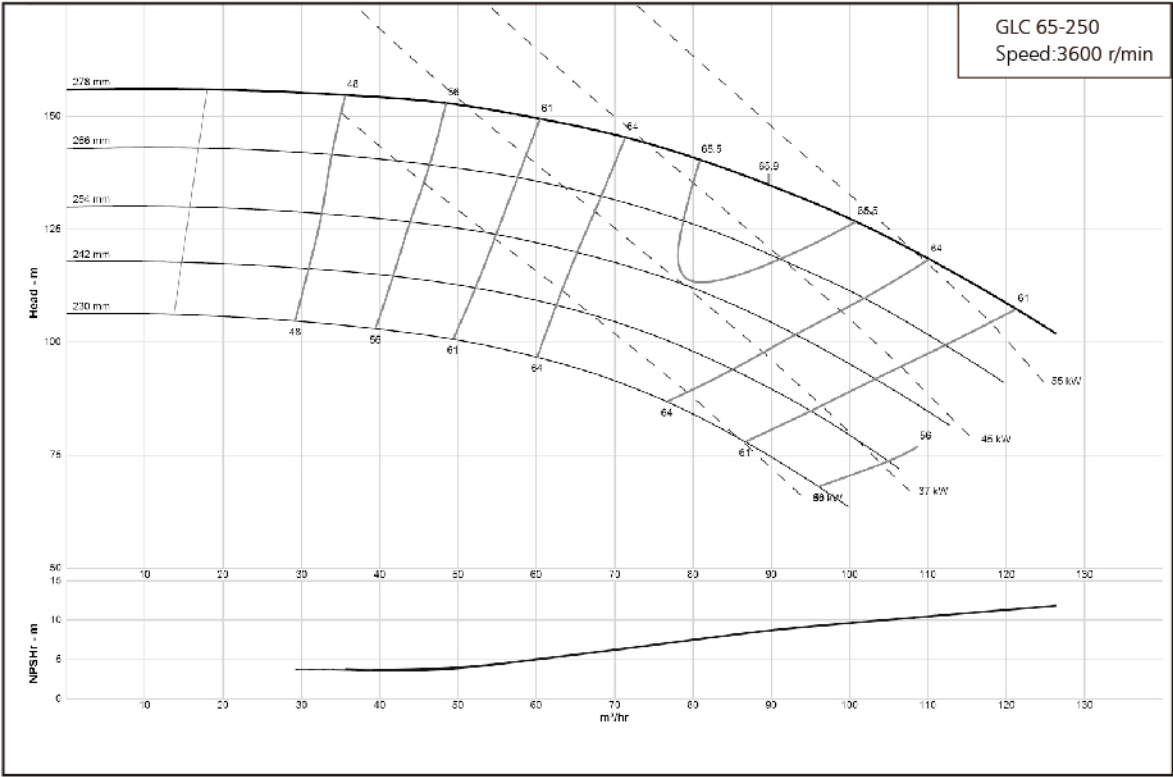
GLC 65-160 performance curve



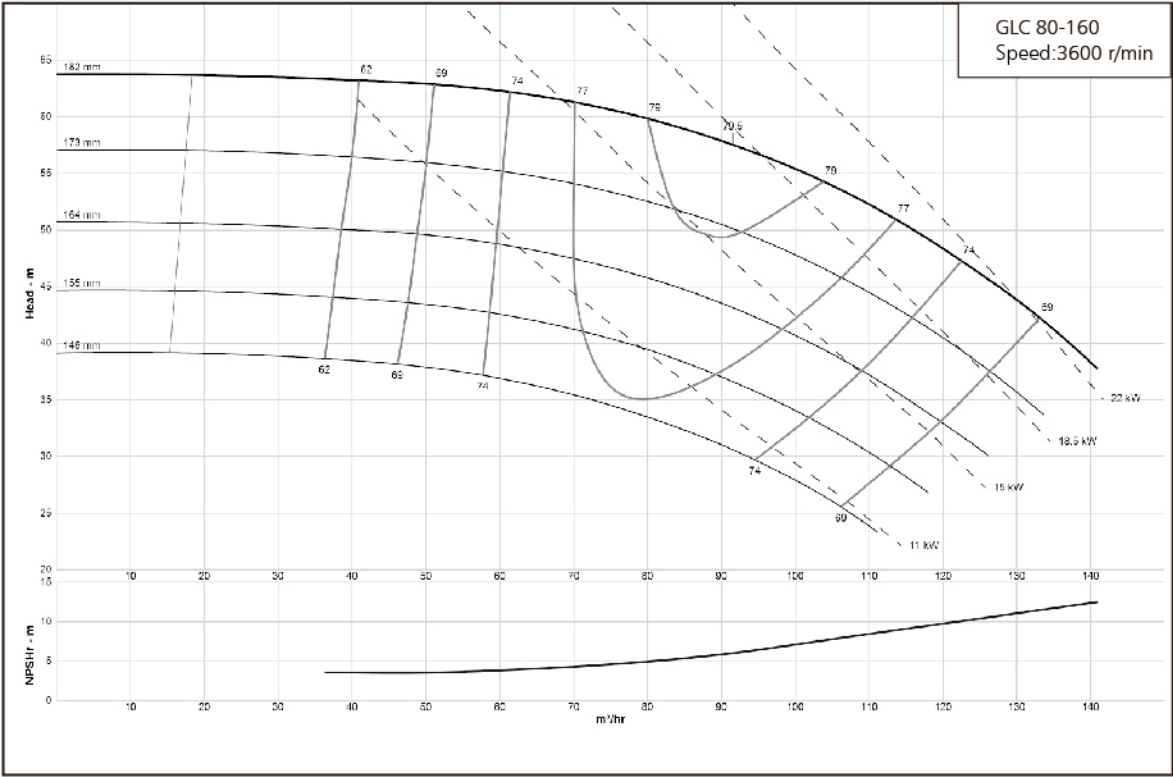
GLC 65-200 performance curve



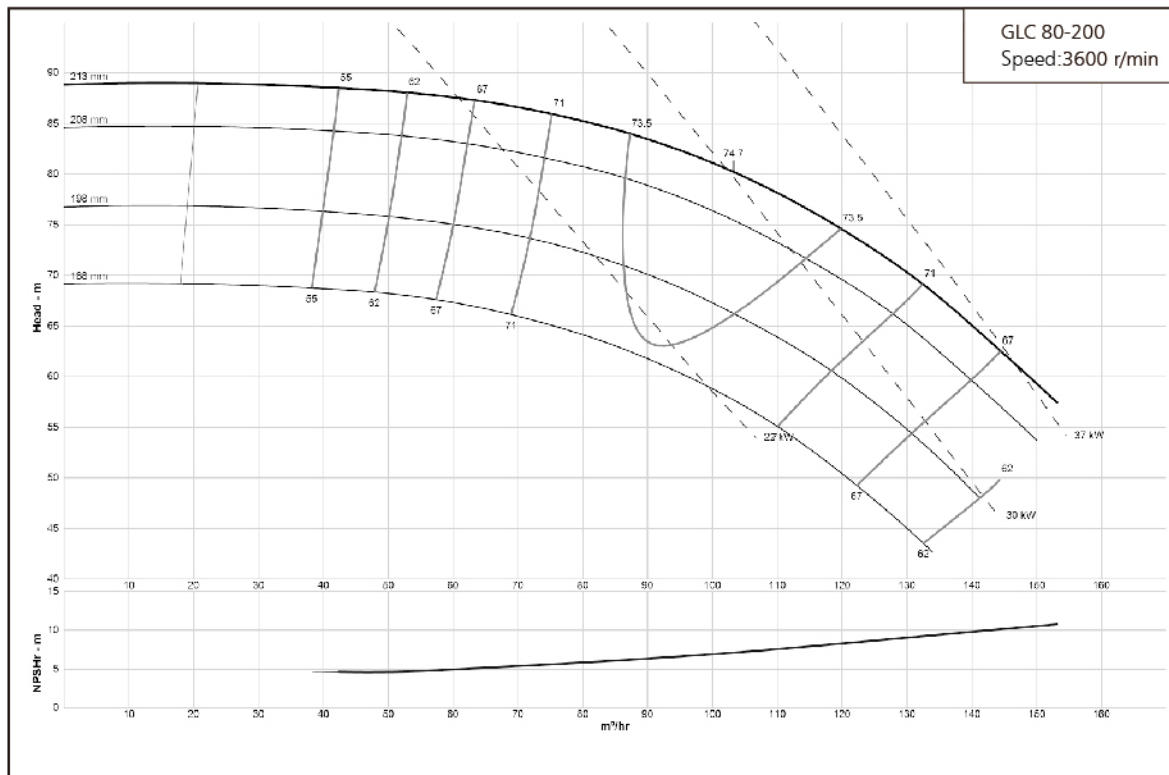
GLC 65-250 performance curve



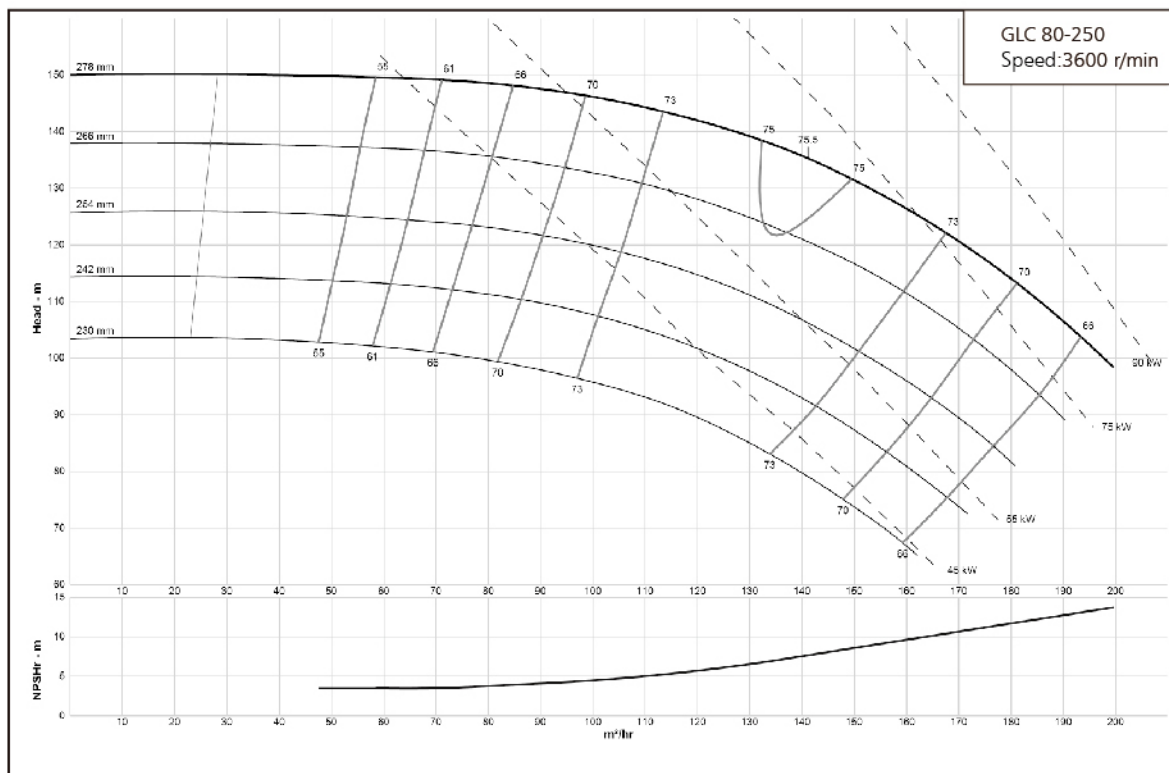
GLC 80-160 performance curve



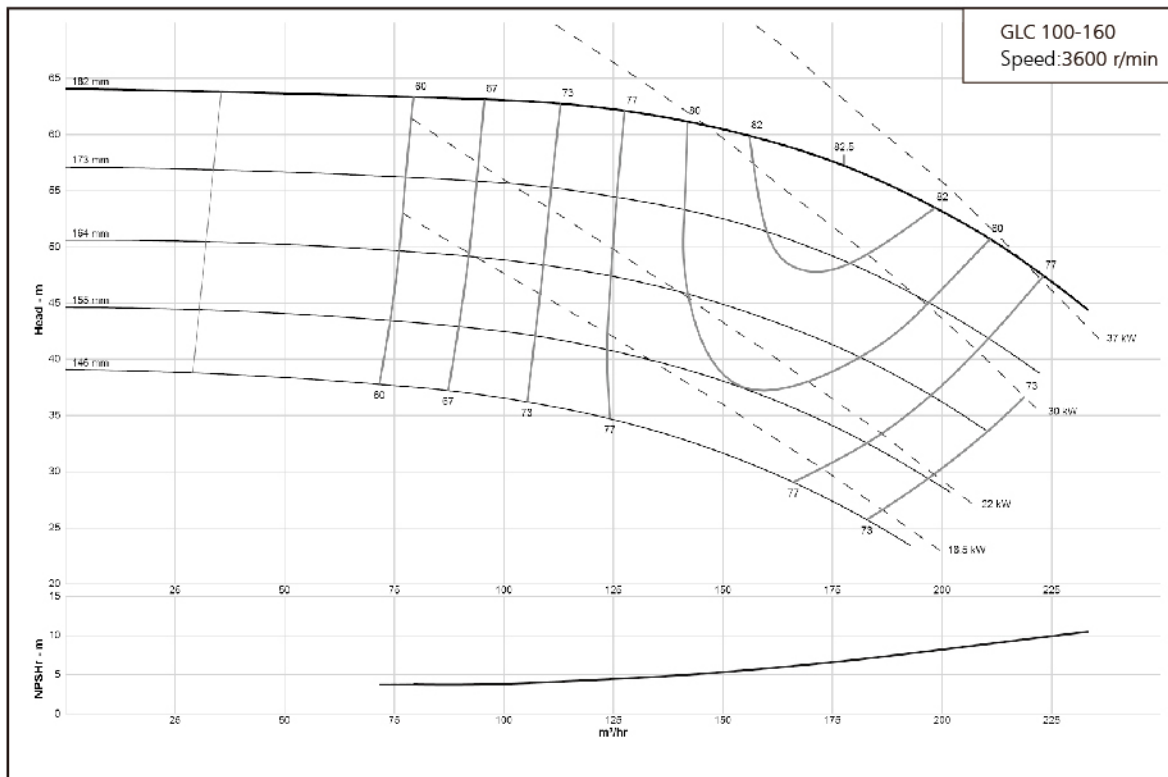
GLC 80-200 performance curve



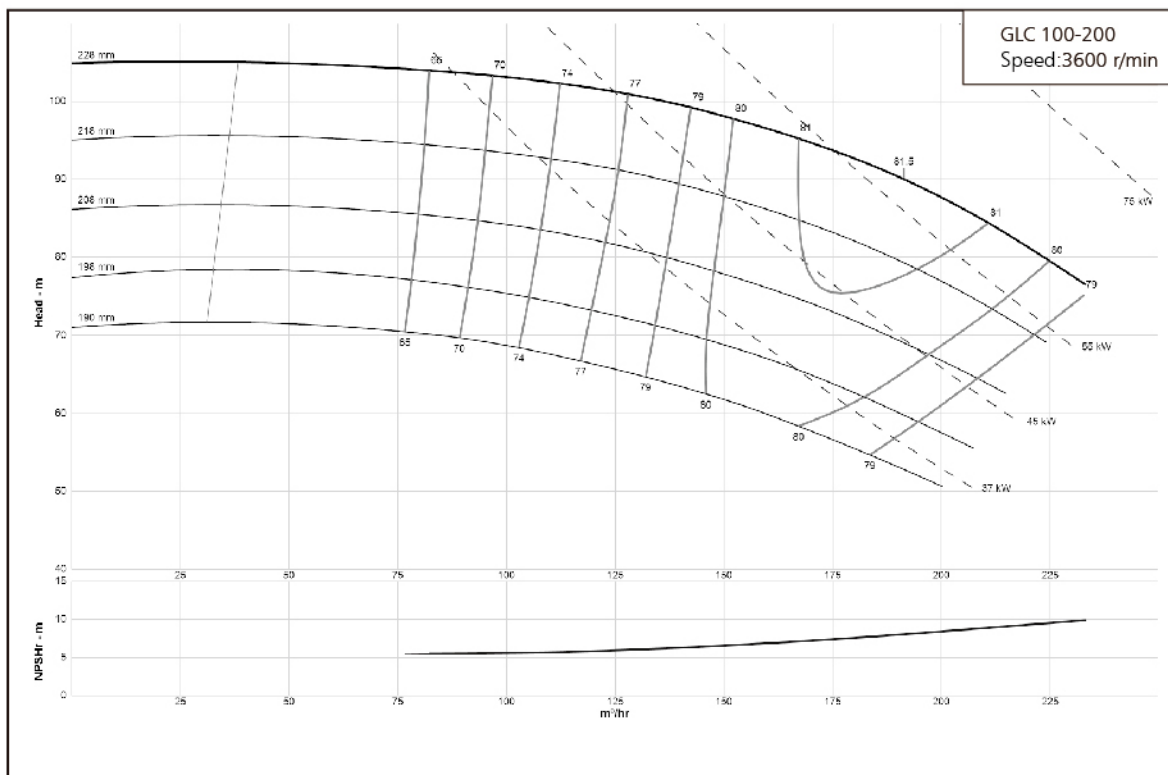
GLC 80-250 performance curve



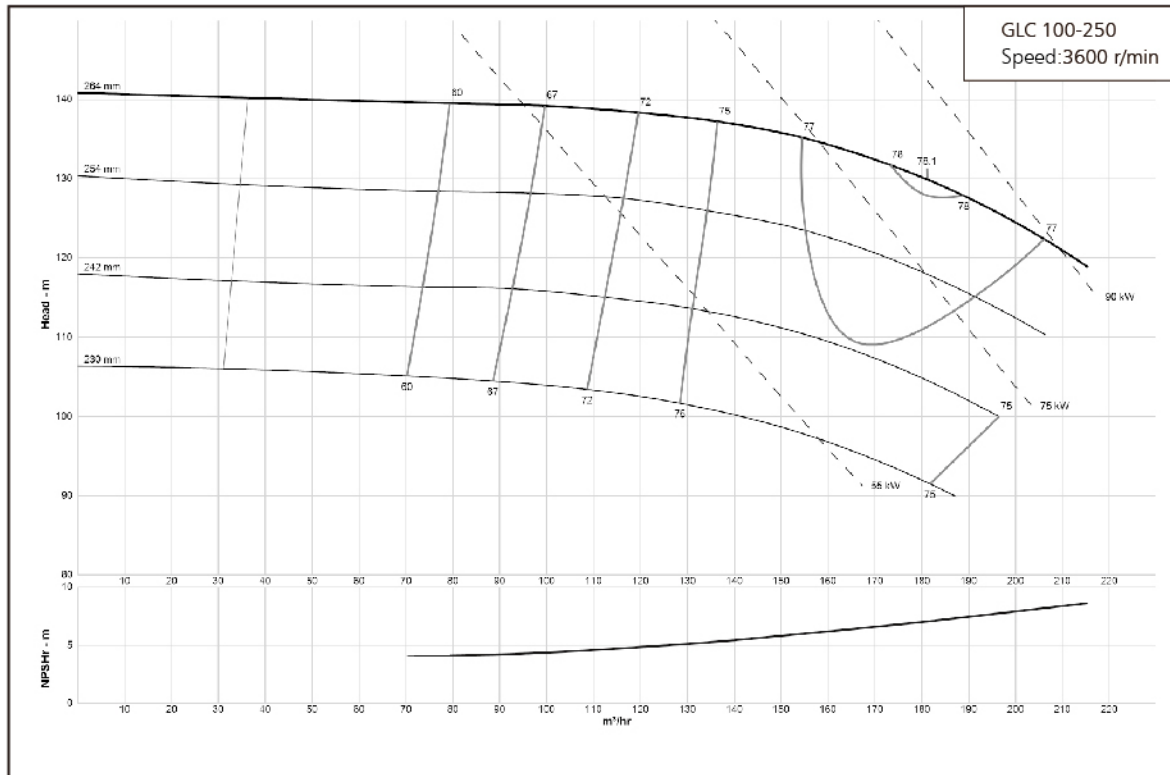
GLC 100-160 performance curve



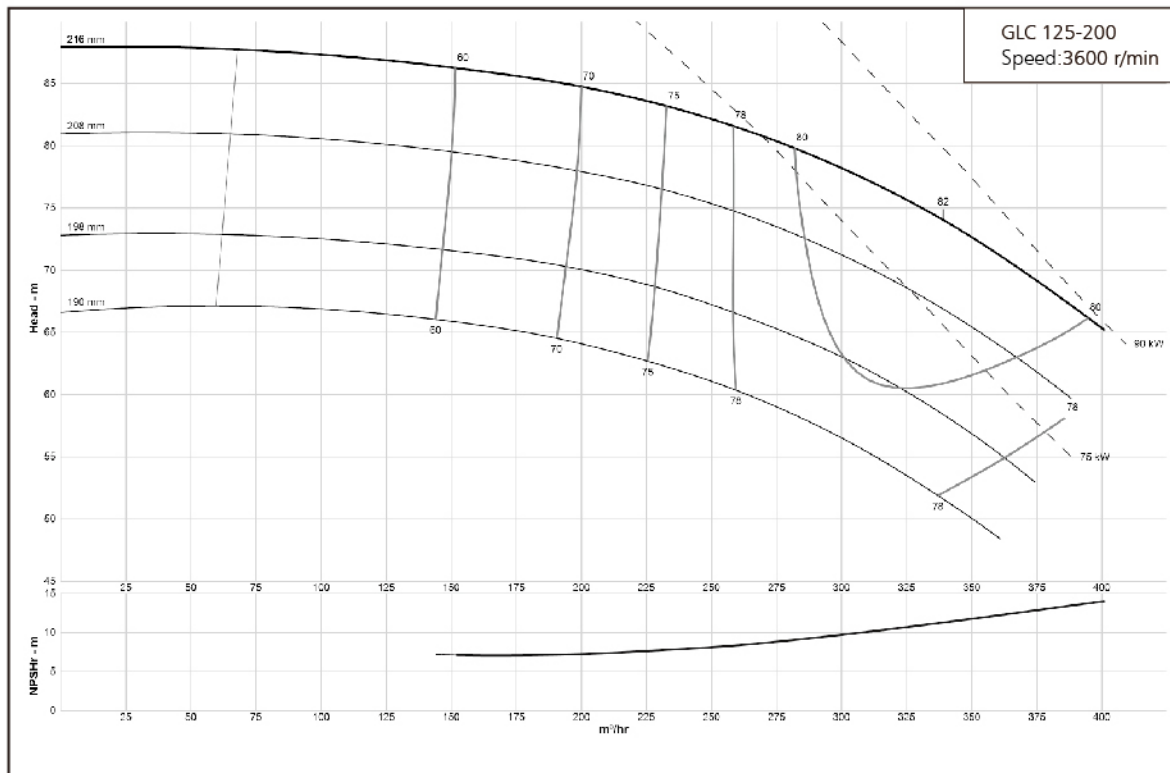
GLC 100-200 performance curve



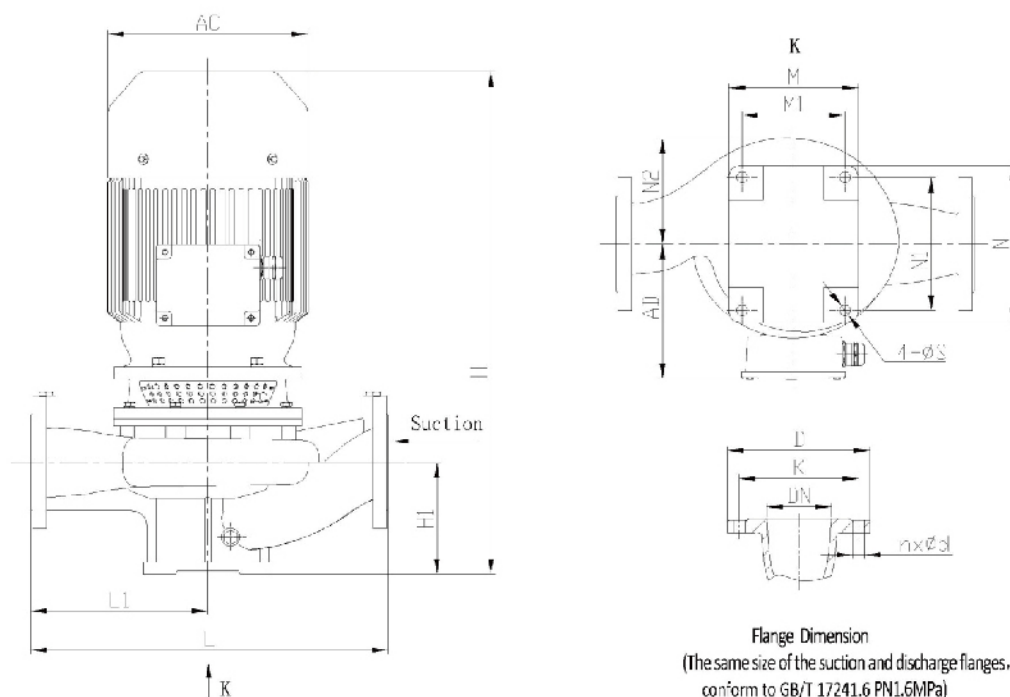
GLC 100-250 performance curve



GLC 125-200 performance curve

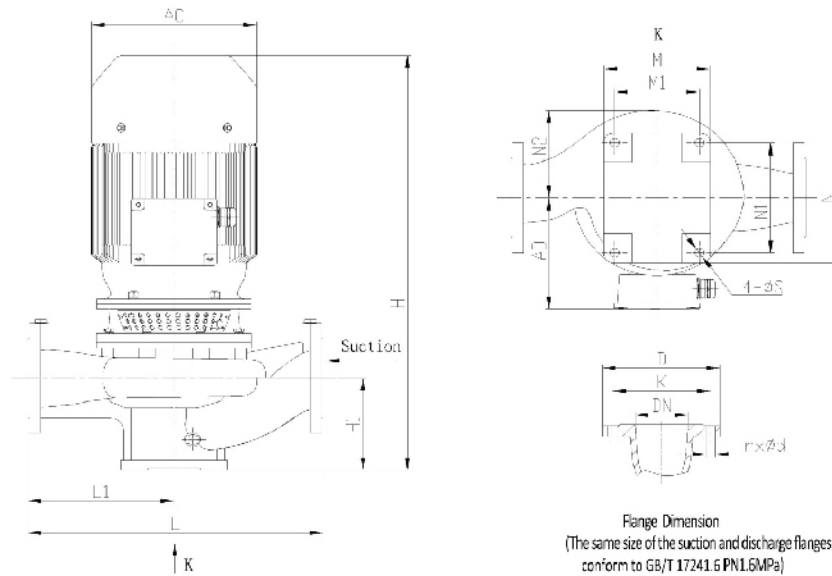


Pump installation dimensions



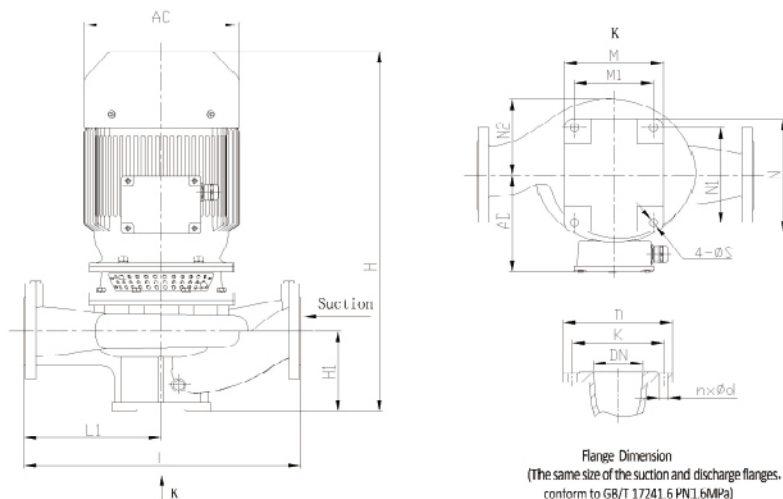
Speed:1800 r/min

Pump type	Motor		Dimension(mm)																	Weight kg
	rated power(kW)	Frame size	L	L1	H1	H	M1	M	N1	N2	N	S	AC	AD	DN	K	D	n	d	
GLC32-160	0.55	80M-4	320	160	120	548	200	240	180	125	220	15	165	145	32	100	140	4	19	30
GLC40-125	0.55	80M-4	320	160	140	568	200	240	180	130	220	15	165	145	40	110	150	4	19	40
	0.75	80M-4	320	160	140	568	200	240	180	130	220	15	165	145	40	110	150	4	19	43
GLC40-160	0.55	80M-4	320	160	140	568	200	240	180	130	220	15	165	145	40	110	150	4	19	40
	0.75	80M-4	320	160	140	568	200	240	180	130	220	15	165	145	40	110	150	4	19	43
GLC40-200	1.1	90S-4	320	160	140	593	200	240	180	130	220	15	195	155	40	110	150	4	19	49
	1.1	90S-4	440	220	150	603	200	240	180	170	220	15	195	155	40	110	150	4	19	66
	1.5	90S-4	440	220	150	603	200	240	180	170	220	15	195	155	40	110	150	4	19	71
GLC40-250	2.2	100L-4	440	220	150	637	200	240	180	170	220	15	215	180	40	110	150	4	19	80
	2.2	100L-4	440	220	150	637	200	240	180	170	220	15	215	180	40	110	150	4	19	81
	3	100L-4	440	220	150	637	200	240	180	170	220	15	215	180	40	110	150	4	19	82
GLC50-160	0.75	80M-4	410	205	125	504	120	160	180	130	220	19	165	145	50	125	165	4	19	60
	1.1	90S-4	410	205	125	534	120	160	180	130	220	19	195	155	50	125	165	4	19	66
	1.5	90S-4	410	205	125	554	120	160	180	130	220	19	195	155	50	125	165	4	19	71
GLC50-200	1.5	90L-4	440	220	130	559	140	180	200	150	240	19	195	155	50	125	165	4	19	78
	2.2	100L-4	440	220	130	586	140	180	200	150	240	19	215	180	50	125	165	4	19	87
	3	100L-4	440	220	130	586	140	180	200	150	240	19	215	180	50	125	165	4	19	88
GLC65-160	1.1	90S-4	430	215	130	539	140	180	200	136	240	19	195	155	65	145	185	4	19	69
	1.5	90L-4	430	215	130	559	140	180	200	136	240	19	195	155	65	145	185	4	19	74
	2.2	100L-4	430	215	130	586	140	180	200	136	240	19	215	180	65	145	185	4	19	85
GLC65-200	2.2	100L-4	460	230	145	601	140	180	200	152	240	19	215	180	65	145	185	4	19	91
	3	100L-4	460	230	145	601	140	180	200	152	240	19	215	180	65	145	185	4	19	92
	4	112M-4	460	230	145	627	140	180	200	152	240	19	240	190	65	145	185	4	19	101
GLC65-250	4	112M-4	520	260	165	647	160	200	220	175	260	19	240	190	65	145	185	4	19	120
	5.5	132S-4	520	260	165	720	160	200	220	175	260	19	275	213	65	145	185	4	19	142
	7.5	132M-4	520	260	165	720	160	200	220	175	260	19	275	213	65	145	185	4	19	154
GLC65-315	11	160M-4	520	260	165	878	160	200	220	175	260	19	275	213	65	145	185	4	19	201
	7.5	132M-4	580	290	165	758	190	240	250	204	300	23	275	213	65	145	185	4	19	179
	11	160M-4	580	290	165	916	190	240	250	204	300	23	330	260	65	145	185	4	19	226
GLC80-160	15	160L-4	580	290	165	981	190	240	250	204	300	23	330	260	65	145	185	4	19	246
	1.5	90L-4	470	235	155	584	140	180	200	143	240	19	195	155	80	160	200	8	19	80
	2.2	100L-4	470	235	155	611	140	180	200	143	240	19	215	180	80	160	200	8	19	90
	3	100L-4	470	235	155	611	140	180	200	143	240	19	215	180	80	160	200	8	19	91



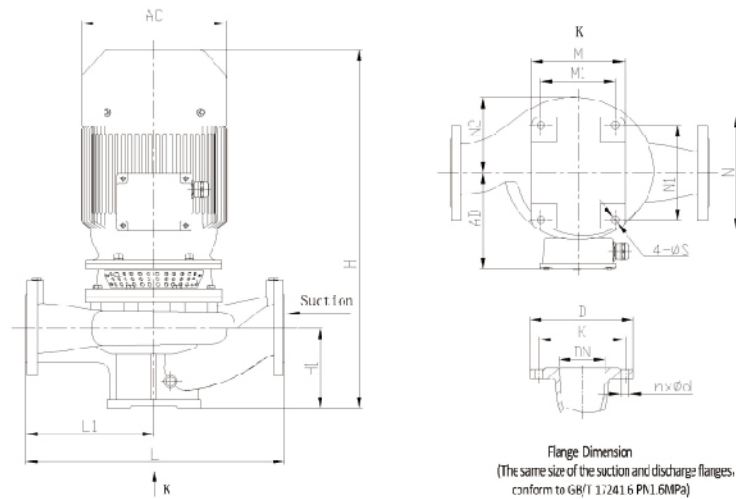
Speed:1800 r/min

Pump type	Motor		Dimension(mm)																Weight	
	rated power(kW)	Frame size	L	L1	H1	H	M1	M	N1	N2	N	S	AC	AD	DN	K	D	n	d	kg
GLC80-200	3	100L-4	500	250	160	616	140	180	200	164	240	19	215	180	80	160	200	8	19	99
	4	112M-4	500	250	160	645	140	180	200	164	240	19	240	190	80	160	200	8	19	108
	5.5	132S-4	500	250	160	718	140	180	200	164	240	19	275	213	80	160	200	8	19	130
	7.5	132M-4	500	250	160	756	140	180	200	164	240	19	275	213	80	160	200	8	19	142
GLC80-250	5.5	132S-4	560	280	165	720	160	200	220	188	260	19	275	213	80	160	200	8	19	148
	7.5	132M-4	560	280	165	758	160	200	220	188	260	19	275	213	80	160	200	8	19	160
	11	160M-4	560	280	165	916	160	200	220	188	260	19	330	260	80	160	200	8	19	207
GLC80-260	11	160M-4	500	235	172	945	220	270	210	190	260	19	330	260	80	160	200	8	19	179
GLC80-315	11	160M-4	620	310	185	896	190	240	250	220	300	23	330	260	80	160	200	8	19	233
	15	160L-4	620	310	185	961	190	240	250	220	300	23	330	260	80	160	200	8	19	253
	18.5	180M-4	620	310	185	985	190	240	250	220	300	23	380	280	80	160	200	8	19	287
GLC100-160	3	100L-4	520	260	180	633	160	200	220	160	260	19	215	180	100	180	220	8	19	111
	4	112M-4	520	260	180	662	160	200	220	160	260	19	240	190	100	180	220	8	19	120
	5.5	132S-4	520	260	180	712	160	200	220	160	260	19	275	213	100	180	220	8	19	142
	7.5	132M-4	520	260	180	750	160	200	220	160	260	19	275	213	100	180	220	8	19	154
GLC100-200	5.5	132S-4	570	285	185	740	160	200	220	183	260	19	275	213	100	180	220	8	19	148
	7.5	132M-4	570	285	185	778	160	200	220	183	260	19	275	213	100	180	220	8	19	170
	11	160M-4	570	285	185	936	160	200	220	183	260	19	330	260	100	180	220	8	19	217
GLC100-210	5.5	132S-4	550	250	215	830	280	340	260	201	320	19	275	213	100	180	220	8	19	150
	7.5	132M-4	550	250	215	868	280	340	260	201	320	19	275	213	100	180	220	8	19	172
	11	160M-4	550	250	215	1026	280	340	260	201	320	19	330	260	100	180	220	8	19	219
GLC100-250	7.5	132M-4	620	300	200	793	160	200	220	205	260	19	275	213	100	180	220	8	19	180
	11	160M-4	620	300	200	911	160	200	220	205	260	19	330	260	100	180	220	8	19	227
	15	160L-4	620	300	200	911	160	200	220	205	260	19	330	260	100	180	220	8	19	247
GLC100-315	15	160L-4	670	335	222	983	190	240	250	230	300	23	330	260	100	180	220	8	19	302
	18.5	180M-4	670	335	222	1018	190	240	250	230	300	23	380	280	100	180	220	8	19	336
	22	180L-4	670	335	222	1058	190	240	250	230	300	23	380	280	100	180	220	8	19	350
	30	200L-4	670	335	222	1058	190	240	250	230	300	23	400	305	100	180	220	8	19	414
GLC100-320	18.5	180M-4	670	310	215	1009	280	340	260	245	320	19	380	280	100	180	220	8	19	298
	22	180L-4	670	310	215	1047	280	340	260	245	320	19	380	280	100	180	220	8	19	315
	30	200L-4	670	310	215	1047	280	340	260	245	320	19	400	305	100	180	220	8	19	381
GLC100-400	37	225S-4	820	410	240	1184	230	280	290	280	340	23	470	335	100	180	220	8	19	519
	45	225M-4	820	410	240	1209	230	280	290	280	340	23	470	335	100	180	220	8	19	554
	55	250M-4	820	410	240	1274	230	280	290	280	340	23	510	370	100	180	220	8	19	629
	75	280S-4	820	410	240	1449	230	280	290	280	340	23	547	400	100	180	220	8	19	761
GLC125-200	7.5	132M-4	660	330	220	813	190	240	250	210	300	23	275	213	125	210	250	8	19	188
	11	160M-4	660	330	220	930	190	240	250	210	300	23	330	260	125	210	250	8	19	235
	15	160L-4	660	330	220	930	190	240	250	210	300	23	330	260	125	210	250	8	19	255
GLC125-250	15	160L-4	710	355	220	981	190	240	250	230	300	23	330	260	125	210	250	8	19	306
	18.5	180M-4	710	355	220	1016	190	240	250	230	300	23	380	280	125	210	250	8	19	340
	22	180L-4	710	355	220	1056	190	240	250	230	300	23	380	280	125	210	250	8	19	354
	30	200L-4	710	355	220	1056	190	240	250	230	300	23	400	305	125	210	250	8	19	418



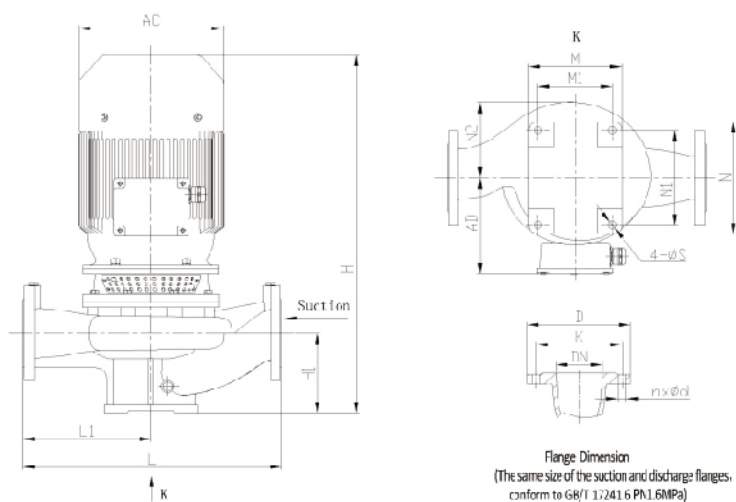
Speed:1800 r/min

Pump type	Motor		Dimension(mm)																	Weight
	rated power(kW)	Frame size	L	L1	H1	H	M1	M	N1	N2	N	S	AC	AD	DN	K	D	n	d	kg
GLC125-315	22	180L-4	760	370	250	1084	230	280	290	250	340	23	380	280	125	210	250	8	19	376
	30	200L-4	760	370	250	1147	230	280	290	250	340	23	400	305	125	210	250	8	19	432
	37	225S-4	760	370	250	1167	230	280	290	250	340	23	470	335	125	210	250	8	19	493
	45	225M-4	760	370	250	1192	230	280	290	250	340	23	470	335	125	210	250	8	19	528
GLC125-320	22	180L-4	800	350	270	1107	310	380	310	276	380	23	380	280	125	210	250	8	19	362
	30	200L-4	800	350	270	1178	310	380	310	276	380	23	400	305	125	210	250	8	19	409
GLC125-400	45	225M-4	830	415	250	1219	270	320	330	290	380	23	470	335	125	210	250	8	19	576
	55	250M-4	830	415	250	1303	270	320	330	290	380	23	510	370	125	210	250	8	19	651
	75	280S-4	830	415	250	1387	270	320	330	290	380	23	547	400	125	210	250	8	19	783
	90	280M-4	830	415	250	1437	270	320	330	290	380	23	547	400	125	210	250	8	19	843
GLC150-200	11	160M-4	800	350	275	1024	310	380	310	252	380	23	330	260	150	240	285	8	23	283
	15	160L-4	800	350	275	1024	310	380	310	252	380	23	330	260	150	240	285	8	23	303
	18.5	180M-4	800	350	275	1040	310	380	310	252	380	23	380	280	150	240	285	8	23	340
GLC150-250	22	180L-4	780	380	260	1094	230	280	290	255	340	23	380	280	150	240	285	8	23	378
	30	200L-4	780	380	260	1157	230	280	290	255	340	23	400	305	150	240	285	8	23	434
	37	225S-4	780	380	260	1157	230	280	290	255	340	23	470	335	150	240	285	8	23	493
GLC150-315	37	225S-4	820	400	280	1224	270	320	330	270	380	23	470	335	150	240	285	8	23	518
	45	225M-4	820	400	280	1249	270	320	330	270	380	23	470	335	150	240	285	8	23	553
	55	250M-4	820	400	280	1334	270	320	330	270	380	23	510	370	150	240	285	8	23	638
	75	280S-4	820	400	280	1418	270	320	330	270	380	23	547	400	150	240	285	8	23	779
GLC150-400	75	280S-4	880	425	280	1407	270	320	330	305	380	23	547	400	150	240	285	8	23	810
	90	280M-4	880	425	280	1491	270	320	330	305	380	23	547	400	150	240	285	8	23	870
GLC200-260	22	180L-4	830	355	333	1514	440	500	400	305	460	23	380	280	200	295	340	12	23	466
	30	200L-4	830	355	333	1563	440	500	400	305	460	23	400	305	200	295	340	12	23	510
	37	225S-4	830	355	333	1583	440	500	400	305	460	23	470	335	200	295	340	12	23	569
	45	225M-4	830	355	333	1608	440	500	400	305	460	23	470	335	200	295	340	12	23	604
GLC200-320	55	250M-4	830	355	333	1693	440	500	400	305	460	23	510	370	200	295	340	12	23	689
	45	225M-4	900	400	285	1593	440	500	400	310	460	23	470	335	200	295	340	12	23	688
	55	250M-4	900	400	285	1660	440	500	400	310	460	23	510	370	200	295	340	12	23	773
	75	280S-4	900	400	285	1744	440	500	400	310	460	23	547	400	200	295	340	12	23	914
GLC250-320	90	280M-4	900	400	285	1794	440	500	400	310	460	23	547	400	200	295	340	12	23	974
	55	250M-4	1000	425	370	1685	440	500	440	355	500	23	510	370	250	355	405	12	28	817
	75	280S-4	1000	425	370	1730	440	500	440	355	500	23	547	400	250	355	405	12	28	1009
GLC250-410	90	280M-4	1000	425	370	1780	440	500	440	355	500	23	547	400	250	355	405	12	28	1069
	132	315M-4	1150	500	355	2255	440	500	440	375	500	24	645	530	250	355	405	12	28	1746
	160	315L-4	1150	500	355	2255	440	500	440	375	500	24	645	530	250	355	405	12	28	1846
	185	315L-4	1150	500	355	2255	440	500	440	375	500	24	645	530	250	355	405	12	28	1996
	200	315L-4	1150	500	355	2255	440	500	440	375	500	24	645	530	250	355	405	12	28	1996
	220	355M-4	1150	500	355	2500	440	500	440	375	500	24	710	655	250	355	405	12	28	2670
GLC350-400	250	355M-4	1150	500	355	2500	440	500	440	375	500	24	710	655	250	355	405	12	28	2680
	185	315L-4	1320	630	405	2425	530	620	530	455	620	28	645	530	350	470	520	16	28	1987
	200	315L-4	1320	630	405	2425	530	620	530	455	620	28	645	530	350	470	520	16	28	1987
	220	355M-4	1320	630	405	2565	530	620	530	455	620	28	710	655	350	470	520	16	28	2661
GLC250-250-375	250	355M-4	1320	630	405	2565	530	620	530	455	620	28	710	655	350	470	520	16	28	2671
	110	315S-4	1232	616	381	2157	530	620	530	360	620	36	645	530	250	355	405	12	28	2045
	132	315M-4	1232	616	381	2207	530	620	530	360	620	36	645	530	250	355	405	12	28	2125
	160	315L-4	1232	616	381	2207	530	620	530	360	620	36	645	530	250	355	405	12	28	2225
	185	315L-4	1232	616	381	2207	530	620	530	360	620	36	645	530	250	355	405	12	28	2375
GLC350-350-350	200	315L-4	1232	616	381	2207	530	620	530	360	620	36	645	530	250	355	405	12	28	2375
	132	315M-4	1321	661	389	2230	530	620	530	425	620	36	645	530	350	470	520	16	28	2175
	160	315L-4	1321	661	389	2230	530	620	530	425	620	36	645	530	350	470	520	16	28	2275
	185	315L-4	1321	661	389	2230	530	620	530	425	620	36	645	530	350	470	520	16	28	2425
	200	315L-4	1321	661	389	2230	530	620	530	425	620	36	645	530	350	470	520	16	28	2425



Speed:3600 r/min

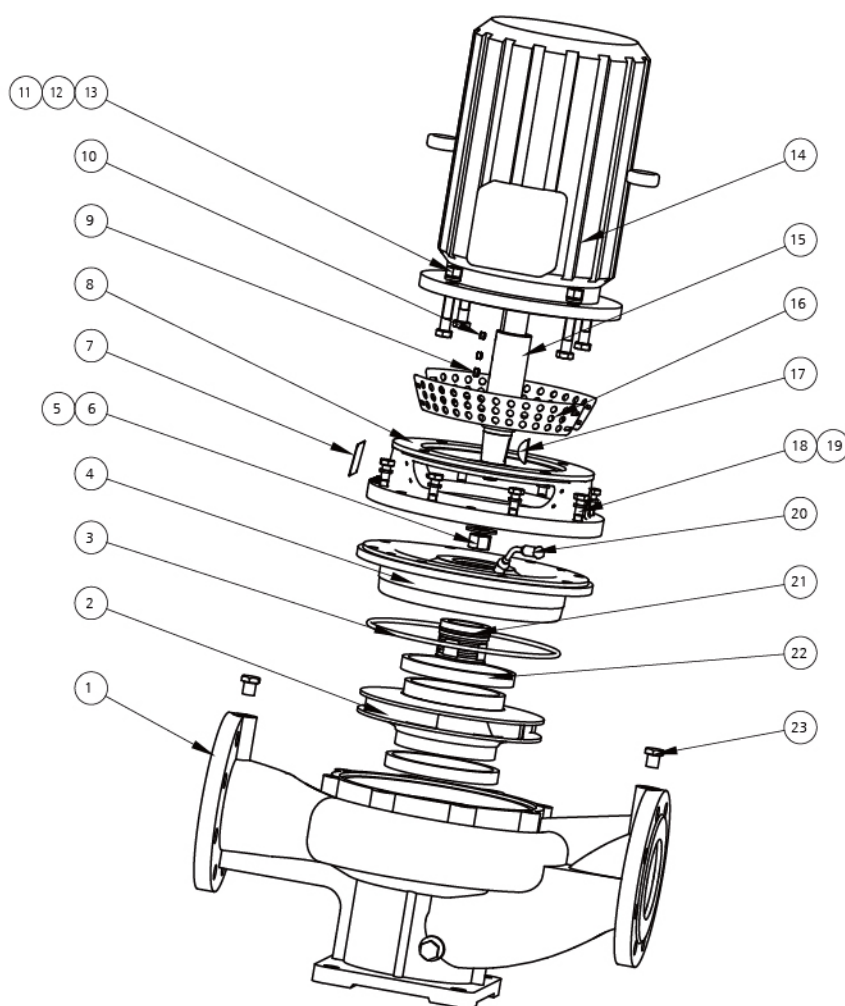
Pump type	Motor		Dimension(mm)																	Weight t kg
	rated power(kW)	Frame size	L	L1	H1	H	M1	M	N1	N2	N	S	AC	AD	DN	K	D	n	d	
GLC32-160	1.1	80M-2	320	160	120	548	200	240	180	125	220	15	165	145	32	100	140	4	19	36
	1.5	90S-2	320	160	120	548	200	240	180	125	220	15	195	155	32	100	140	4	19	40
	2.2	90L-2	320	160	120	583	200	240	180	125	220	15	195	155	32	100	140	4	19	46
	3	100L-2	320	160	120	593	200	240	180	125	220	15	215	180	32	100	140	4	19	51
	4	112M-2	320	160	120	614	200	240	180	125	220	15	240	190	32	100	140	4	19	54
GLC40-125	1.5	90S-2	320	160	140	568	200	240	180	130	220	15	195	155	40	110	150	4	19	44
	2.2	90L-2	320	160	140	603	200	240	180	130	220	15	195	155	40	110	150	4	19	51
	3	100L-2	320	160	140	613	200	240	180	130	220	15	215	180	40	110	150	4	19	56
	4	112M-2	320	160	140	634	200	240	180	130	220	15	240	190	40	110	150	4	19	59
	5.5	132S-2	320	160	140	717	200	240	180	130	220	15	273	213	40	110	150	4	19	72
GLC40-160	4	112M-2	320	160	140	634	200	240	180	130	220	15	240	190	40	110	150	4	19	59
	5.5	132S-2	320	160	140	717	200	240	180	130	220	15	273	213	40	110	150	4	19	72
	7.5	132S-2	320	160	140	717	200	240	180	130	220	15	273	213	40	110	150	4	19	91
GLC40-200	11	160M-2	320	160	140	800	200	240	180	130	220	15	330	260	40	110	150	4	19	108
	7.5	132S-2	440	220	150	727	200	240	180	170	220	15	273	213	40	110	150	4	19	108
	11	160M-2	440	220	150	810	200	240	180	170	220	15	330	260	40	110	150	4	19	125
GLC40-250	15	160M-2	440	220	150	810	200	240	180	170	220	15	330	260	40	110	150	4	19	158
	18.5	160L-2	440	220	150	854	200	240	180	170	220	15	330	260	40	110	150	4	19	175
	22	180M-2	440	220	150	884	200	240	180	170	220	15	380	280	40	110	150	4	19	211
GLC50-160	5.5	132S-2	410	205	125	683	120	160	180	130	220	19	273	213	50	125	165	4	19	112
	7.5	132S-2	410	205	125	683	120	160	180	130	220	19	273	213	50	125	165	4	19	115
	11	160M-2	410	205	125	705	120	160	180	130	220	19	330	260	50	125	165	4	19	132
	15	160M-2	410	205	125	705	120	160	180	130	220	19	330	260	50	125	165	4	19	142
GLC50-200	11	160M-2	440	220	130	841	140	180	200	150	240	19	330	260	50	125	165	4	19	172
	15	160M-2	440	220	130	841	140	180	200	150	240	19	330	260	50	125	165	4	19	182
	18.5	160L-2	440	220	130	876	140	180	200	150	240	19	330	260	50	125	165	4	19	205
	22	180M-2	440	220	130	896	140	180	200	150	240	19	380	280	50	125	165	4	19	241
	30	200L-2	440	220	130	996	140	180	200	150	240	19	380	280	50	125	165	4	19	298
GLC65-160	7.5	132S-2	430	215	130	688	140	180	200	136	240	19	273	213	65	145	185	4	19	118
	11	160M-2	430	215	130	841	140	180	200	136	240	19	330	260	65	145	185	4	19	169
	15	160M-2	430	215	130	841	140	180	200	136	240	19	330	260	65	145	185	4	19	179
	18.5	160L-2	430	215	130	876	140	180	200	136	240	19	330	260	65	145	185	4	19	202
GLC65-200	15	160M-2	460	230	145	856	140	180	200	152	240	19	330	260	65	145	185	4	19	186
	18.5	160L-2	460	230	145	900	140	180	200	152	240	19	330	260	65	145	185	4	19	222
	22	180M-2	460	230	145	914	140	180	200	152	240	19	380	280	65	145	185	4	19	258
	30	200L-2	460	230	145	1014	140	180	200	152	240	19	400	305	65	145	185	4	19	315
GLC65-250	30	200L-2	520	260	165	1055	160	200	220	175	260	19	400	305	65	145	185	4	19	314
	37	200L-2	520	260	165	1055	160	200	220	175	260	19	400	305	65	145	185	4	19	333
	45	225M-2	520	260	165	1092	160	200	220	175	260	19	470	335	65	145	185	4	19	399
	55	250M-2	520	260	165	1211	160	200	220	175	260	19	510	370	65	145	185	4	19	502
	75	280S-2	520	260	165	1261	160	200	220	175	260	19	510	370	65	145	185	4	19	632



Speed:3600 r/min

Pump type	Motor		Dimension(mm)																	Weight
	rated power(kW)	Frame size	L	L1	H1	H	M1	M	N1	N2	N	S	AC	AD	DN	K	D	n	d	kg
GLC80-160	11	160M-2	470	235	155	866	140	180	200	143	240	19	330	260	80	160	200	8	19	175
	15	160M-2	470	235	155	866	140	180	200	143	240	19	330	260	80	160	200	8	19	185
	18.5	160L-2	470	235	155	910	140	180	200	143	240	19	330	260	80	160	200	8	19	202
	22	180M-2	470	235	155	945	140	180	200	143	240	19	380	280	80	160	200	8	19	237
	30	200L-2	470	235	155	1045	140	180	200	143	240	19	380	280	80	160	200	8	19	295
GLC80-200	22	180M-2	500	250	160	950	140	180	200	164	240	19	380	280	80	160	200	8	19	245
	30	200L-2	500	250	160	1050	140	180	200	164	240	19	400	305	80	160	200	8	19	303
	37	200L-2	500	250	160	1050	140	180	200	164	240	19	400	305	80	160	200	8	19	322
GLC80-250	45	225M-2	560	280	165	1092	160	200	220	188	260	19	470	335	80	160	200	8	19	406
	55	250M-2	560	280	165	1211	160	200	220	188	260	19	510	370	80	160	200	8	19	509
	75	280S-2	560	280	165	1261	160	200	220	188	260	19	547	400	80	160	200	8	19	639
	90	280M-2	560	280	165	1312	160	200	220	188	260	19	547	400	80	160	200	8	19	669
GLC100-160	18.5	160L-2	520	260	180	935	160	200	220	160	260	19	330	260	100	180	220	8	19	221
	22	180M-2	520	260	180	970	160	200	220	160	260	19	380	280	100	180	220	8	19	257
	30	200L-2	520	260	180	1070	160	200	220	160	260	19	400	305	100	180	220	8	19	315
	37	200L-2	520	260	180	1070	160	200	220	160	260	19	400	305	100	180	220	8	19	334
GLC100-200	45	225M-2	520	260	180	1107	160	200	220	160	260	19	400	305	100	180	220	8	19	400
	37	200L-2	570	285	185	1075	160	200	220	183	260	19	400	305	100	180	220	8	19	341
	45	225M-2	570	285	185	1112	160	200	220	183	260	19	470	335	100	180	220	8	19	407
	55	250M-2	570	285	185	1231	160	200	220	183	260	19	510	370	100	180	220	8	19	510
GLC100-250	75	280S-2	570	285	185	1281	160	200	220	183	260	19	547	400	100	180	220	8	19	640
	55	250M-2	620	300	200	1246	160	200	220	205	260	19	510	370	100	180	220	8	19	531
	75	280S-2	620	300	200	1296	160	200	220	205	260	19	547	400	100	180	220	8	19	661
	90	280M-2	620	300	200	1347	160	200	220	205	260	19	547	400	100	180	220	8	19	691
GLC125-200	75	280S-2	660	330	220	1316	190	240	250	210	300	23	547	400	125	210	250	8	19	669
	90	280M-2	660	330	220	1367	190	240	250	210	300	23	547	400	125	210	250	8	19	699

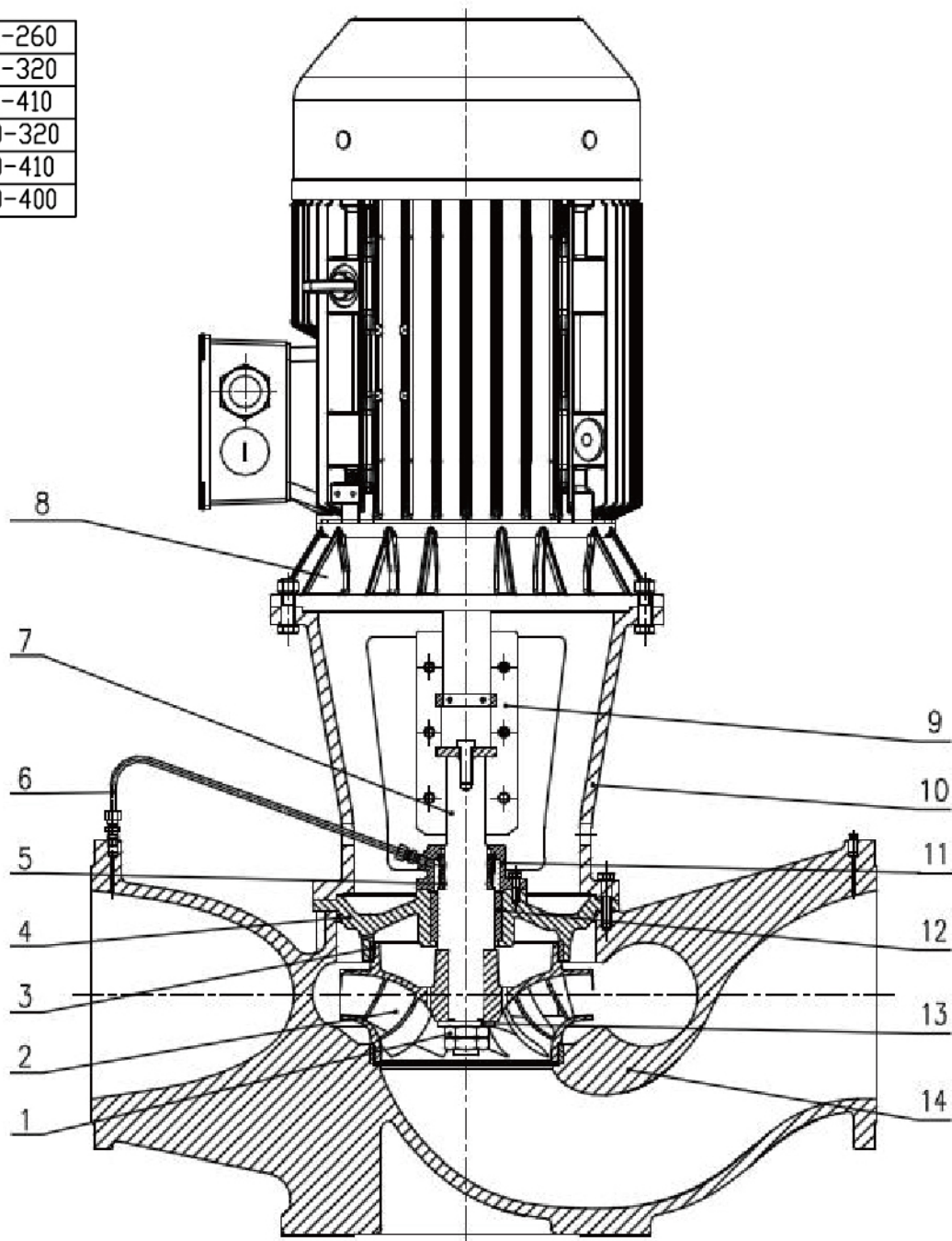
Exploded view



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

200-260
200-320
200-410
250-320
250-410
350-400



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 and GLC350-350-350

Operating condition

Flow: up to 2100m³/h

Head: 15 to 50m

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

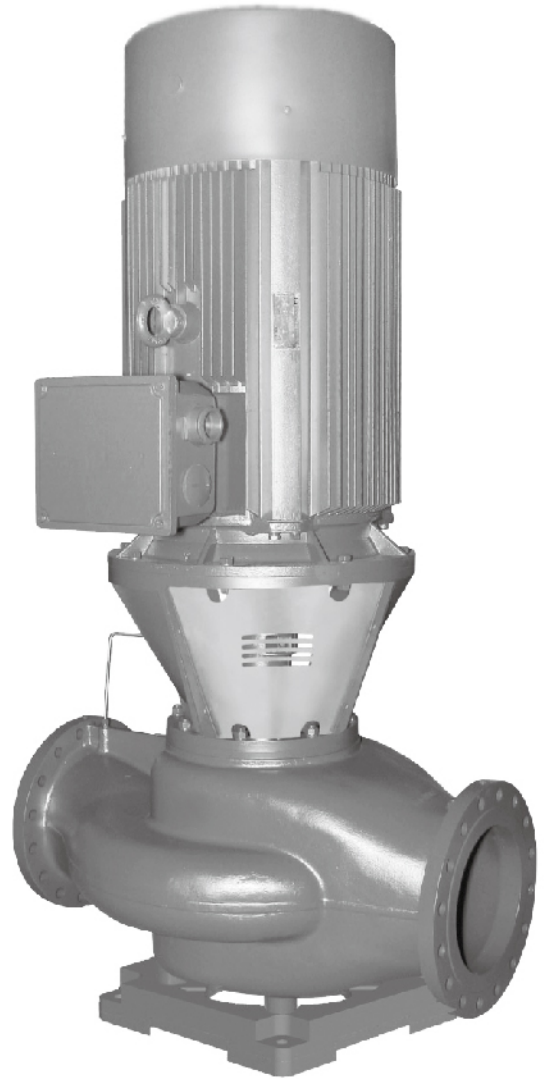
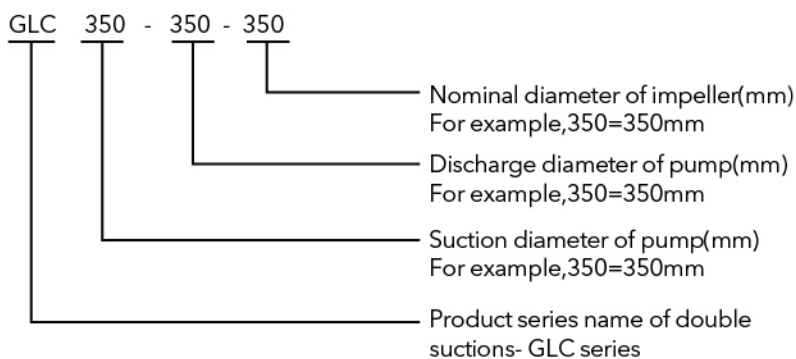
Operating pressure: 16 Bar (please inquire Xylem while above 16Bar)

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

Inlet size: DN250-DN350

Outlet size: DN250-DN350

Model nomenclature

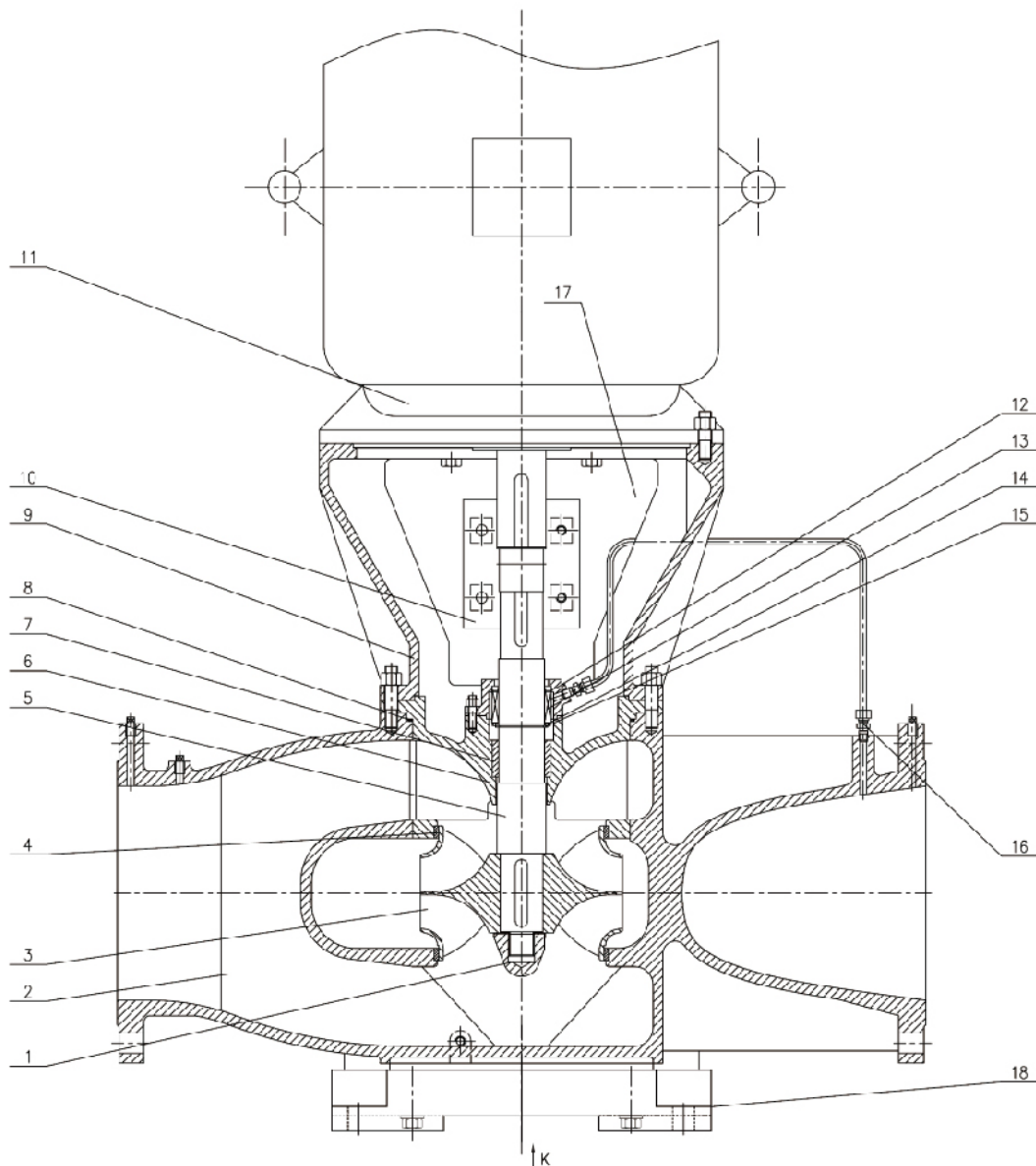


material of construction

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

Structural diagram

(GLC250-250-375 and GLC350-350-350)



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 ø10X1
5	Shaft	11	Motor -V1	17	Guard
6	Pump cover	12	Seal cover	18	Base

Xylem ['zil m]

1) The tissue in plants that brings water upward from the roots;

2) a leading global water technology company.

We're 16,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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



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