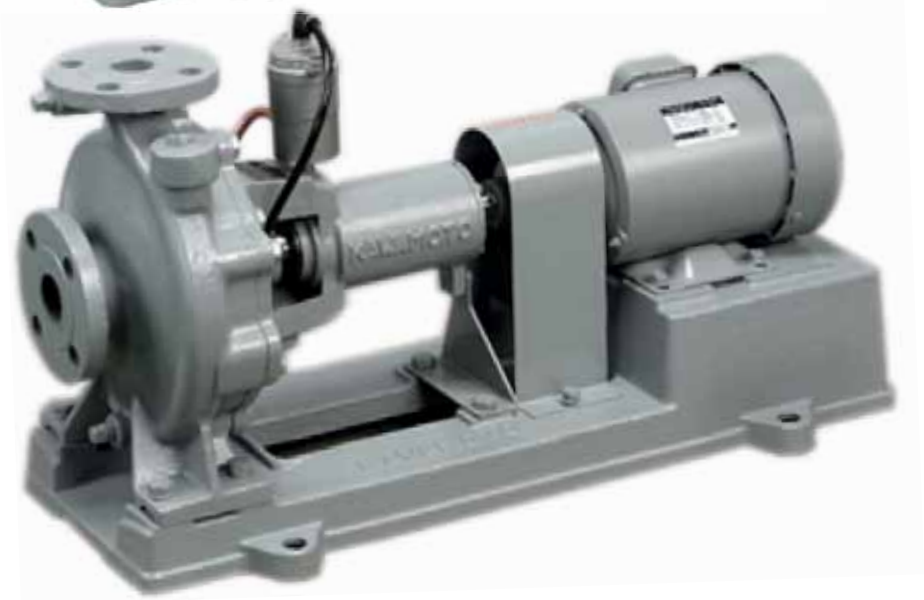
GE-4M

KAWAMOTO END SUCTION CENTRIFUGAL PUMP
4 POLES / 50 Hz
SUCTION SIZE 40 ～ 150 MM



KAWAMOTO PUMP ASIA CO.,LTD.

APPLICATIONS AND FEATURES

■ APPLICATIONS

- Cold and hot water circulation
- Cooling water for building and factory equipment
- Agriculture
- Industry
- Other general water supply
  (Please inquire in case drinking water application)

■ FEATURES

- Easy maintenance and inspection due to back pull out construction.
- Long life mechanical seal is adopted for shaft sealing.
- Simple end suction top centerline discharge position enable steady installation with high discharge pipe loading.
- Wide application for various usages.
- Less vibration and quiet operation sound because of 4 pole motor revolution.
- In accordance with Japanese industrial standard (JIS B8313).

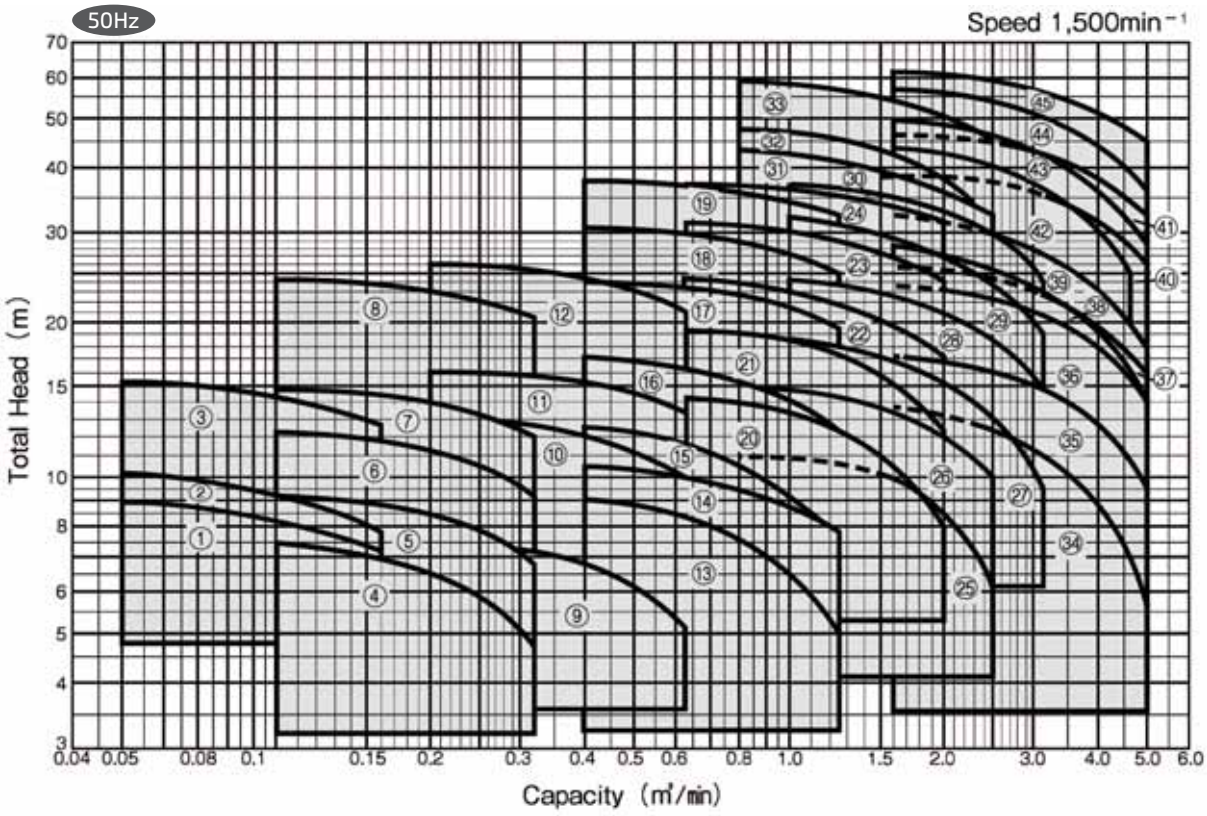
STANDARD SPECIFICATIONS

Description		Model : GE-4M
Liquid	Name	Clean water
	Temperature	0 ~ 90 °C
Max Working Pressure		10 bar
Synchronous Speed		1500 min−1
Installation		TEFC outdoor use (Motor IP55, Class F)
Material	Casing	Cast iron (FC200)
	Impeller	Cast iron (FC200), Bronze (CAC406) or Stainless cast iron (SCS13)
	Shaft	Stainless steel (SUS403)
Construction	Impeller	Closed
	Shaft Seal	Mechanical seal (SIC × Carbon × FKM)
		Gland packing (PTFE−non asbestos)
	Sealing	None
	Bearing	Sealed ball bearing
Flange		JIS 10K
Baseplate		Cast iron (FC150)

OPTIONAL SPECIFICATIONS

Description		Model : GE-4M
Liquid	Name	Non freeze liquid
	Temperature	−15~40 °C or −5~40 °C
Material	Casing	Cast iron + Nylon coating
	Impeller	SCS14 (SUS316) or SCS13 (SUS304) 40×32 : 0.4~0.75kw 50×40 : 0.4~2.2kw 65×50 : 0.75~3.7kw 80×65 : 1.5~11kw 100×80 : 3.7~15kw 125×100 : 3.7~15kw 150×125 : 7.5~30kw
	Shaft	Stainless steel (SUS316)
Construction	Impeller	Closed
	Shaft Seal	Mechanical seal (SIC × SIC × H−NBR)
	Sealing	Quenching
	Bearing	Sealed ball bearing
Flange		JIS 10K
Baseplate		Channel baseplate for European motor bland
Anti-corrosion Painting		Urethane resin coating + non touch seal bearing structure
		Epoxy resin coating

PERFORMANCE CHART



MODEL CODE

GEO - 150 5 M (G) - 4 ME 30

- Motor (kW)
- With electric motor
- 4 Pole motor
- Seal Type (M = Mechanical seal, G = Gland packing)
- 50 Hz
- Suction bore (mm)
- Pump type

SPECIFICATION TABLE

No.	Model	Motor (kW)	Performance				Back Pressure Mpa {kgf/cm²}
			Capacity (m³/min)	Head (m)	Capacity (m³/min)	Head (m)	
1	GEJ-40×325M(G)-4MN0.4	0.4	0.05	9	0.16	7.2	0.88 {9.0}
2	GEK-40×325M(G)-4MN0.4	0.4	0.05	10.2	0.16	7.8	0.86 {8.8}
3	GEK405M(G)4ME0.75	0.75	0.05	15.2	0.16	12.5	0.81 {8.3}
4	GEJ-50×405M(G)-4MN0.4	0.4	0.1	7.5	0.32	4.8	0.89 {9.1}
5	GEJ505M(G)4ME0.75	0.75	0.1	9.2	0.32	6.8	0.88 {9.0}
6	GEK505M(G)4ME0.75	0.75	0.1	12.2	0.32	9.2	0.85 {8.7}
7	GEK505M(G)4ME1.5	1.5	0.1	14.8	0.32	12	0.82 {8.4}
8	GEL505M(G)4ME2.2	2.2	0.1	24.2	0.32	20.5	0.73 {7.4}
9	GEJ655M(G)4ME0.75	0.75	0.2	8	0.63	5.2	0.89 {9.1}
10	GEK655M(G)4ME1.5	1.5	0.2	13	0.63	10	0.84 {8.6}
11	GEK655M(G)4ME2.2	2.2	0.2	16	0.63	13.2	0.8 {8.2}
12	GEL655M(G)4ME3.7	3.7	0.2	26	0.63	21	0.72 {7.3}
13	GEJ805M(G)4ME1.5	1.5	0.4	9	1.25	5	0.87 {8.9}
14	GEJ805M(G)4ME2.2	2.2	0.4	10.5	1.25	7.8	0.86 {8.8}
15	GEK805M(G)4ME2.2	2.2	0.4	12.5	1.25	7.5	0.84 {8.6}
16	GEK805M(G)4ME3.7	3.7	0.4	17	1.25	12.2	0.79 {8.1}
17	GEL805M(G)4ME5.5	5.5	0.4	24.2	1.25	19.2	0.74 {7.5}
18	GEM805M(G)4ME7.5	7.5	0.4	30.5	1.25	24.5	0.68 {6.9}
19	GEM805M(G)4ME11	11	0.4	38	1.25	32	0.60 {6.1}
20	GEK1005M(G)4ME3.7	3.7	0.63	14.2	2	8	0.85 {8.7}
21	GEL1005M(G)4ME5.5	5.5	0.63	19.2	2	12.2	0.78 {8.0}
22	GEL1005M(G)4ME7.5	7.5	0.63	24	2	17	0.75 {7.6}
23	GEM1005M(G)4ME11	11	0.63	31	2	24	0.69 {7.0}
24	GEM1005M(G)4ME15	15	0.63	37	2	31	0.62 {6.3}
25	GEK1255M(G)4ME3.7	3.7	0.8	11.8	2.5	6.2	0.84 {8.6}
26	GEK1255M(G)4ME5.5	5.5	0.8	15	2.5	10	0.81 {8.3}
27	GEL1255BM(G)4ME7.5	7.5	1	18.5	3.1	10	0.80 {8.2}
28	GEL1255BM(G)4ME11	11	1	24	3.15	15.5	0.76 {7.7}
29	GEM1255BM(G)4ME15	15	1	32	3.15	19.5	0.66 {6.7}
30	GEM1255BM(G)4ME18	18.5	1	37	3.15	24	0.62 {6.3}
31	GEM1255M(G)4ME18	18.5	0.8	42.5	2.5	30.8	0.55 {5.6}
32	GEO1255M(G)4ME22	22	0.8	47	2.5	31.5	0.52 {5.3}
33	GEO1255M(G)4ME30	30	0.8	59	2.5	45	0.41 {4.2}
34	GEK1505M(G)4ME7.5	7.5	1.6	13.5	5	4.8	0.85 {8.7}
35	GEK1505M(G)4ME11	11	1.6	17.2	5	9.5	0.82 {8.4}
36	GEL1505M(G)4ME15	15	1.6	23.5	5	13.5	0.76 {7.8}
37	GEL1505M(G)4ME18	18.5	1.6	25.2	5	16	0.75 {7.6}
38	GEM1505M(G)4ME18	18.5	1.6	28	5	13.5	0.69 {7.0}
39	GEM1505M(G)4ME22	22	1.6	32	5	17.5	0.65 {6.6}
40	GEM1505M(G)4ME30	30	1.6	39	5	26	0.58 {5.9}
41	GEM1505M(G)4ME37	37	1.6	45.5	5	32	0.51 {5.2}
42	GEO1505M(G)4ME30	30	1.6	44.5	5	25	0.54 {5.5}
43	GEO1505M(G)4ME37	37	1.6	49.5	5	28	0.49 {5.0}
44	GEO1505M(G)4ME45	45	1.6	56.5	5	35	0.42 {4.3}
45	GEO1505M(G)4ME55	55	1.6	61	5	45	0.38 {3.9}

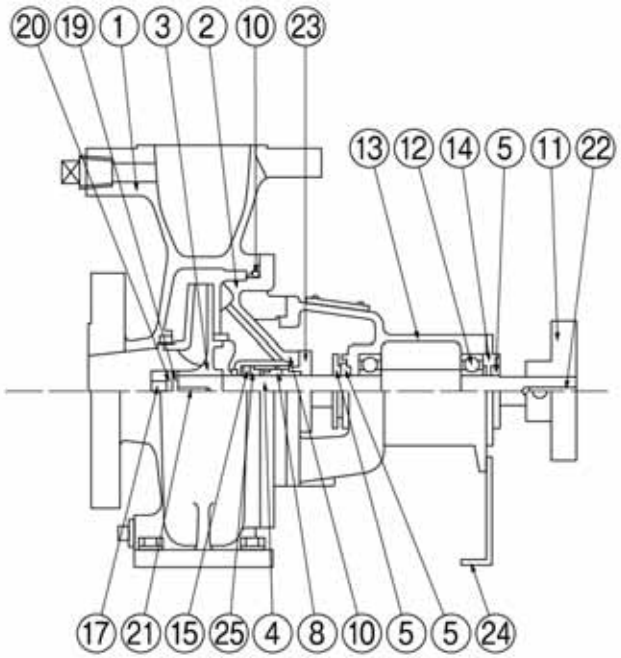
PUMP DATA

No.	Model	Impeller	Mechanical Seal	Gland Packing	Bearing		Coupling	Key	Back Pressure Mpa {kgf/cm²}
					Motor	Pump			
1	GEJ-40×325M(G)-4MN0.4	FC	Ø20 EA560H-20N	Ø20×Ø36×8.5×4	6304ZZ	6304ZZ	Ø63×Ø19×Ø24	6×6×32	0.88{9.0}
2	GEK-40×325M(G)-4MN0.4		Ø25 EA560H-25N	Ø25×Ø41×8.5×4	6305ZZ	6305ZZ	Ø74×Ø24×Ø14	8×7×40	0.86{8.8}
3	GEK405M(G)4ME0.75	CAC406(BC6)					Ø74×Ø24×Ø19		0.81{8.3}
4	GEJ-50×405M(G)-4MN0.4	FC	Ø20 EA560H-20N	Ø20×Ø36×8.5×4	6304ZZ	6304ZZ	Ø63×Ø19×Ø14	6×6×32	0.89{9.1}
5	GEJ505M(G)4ME0.75						Ø63×Ø19×Ø19		0.88{9.0}
6	GEK505M(G)4ME0.75		Ø25 EA560H-25N	Ø25×Ø41×8.5×4	6305ZZ	6305ZZ	Ø74×Ø24×Ø19	8×7×40	0.85{8.7}
7	GEK505M(G)4ME1.5						Ø74×Ø24×Ø24		0.82{8.4}
8	GEL505M(G)4ME2.2	CAC406(BC6)					Ø112×Ø24×Ø28		0.73{7.4}
9	GEJ655M(G)4ME0.75	FC	Ø25 EA560H-25N	Ø25×Ø41×8.5×4	6305ZZ	6305ZZ	Ø74×Ø24×Ø19	8×7×40	0.89{9.1}
10	GEK655M(G)4ME1.5						Ø74×Ø24×Ø24		0.84{8.6}
11	GEK655M(G)4ME2.2						Ø112×Ø24×Ø28		0.8{8.2}
12	GEL655M(G)4ME3.7	CAC406(BC6)					Ø125×Ø24×Ø28		0.72{7.3}
13	GEJ805M(G)4ME1.5	FC	Ø25 EA560H-25N	Ø25×Ø41×8.5×4	6305ZZ	6305ZZ	Ø74×Ø24×Ø24	8×7×40	0.87{8.9}
14	GEJ805M(G)4ME2.2						Ø112×Ø24×Ø28		0.86{8.8}
15	GEK805M(G)4ME2.2						Ø112×Ø24×Ø28		0.84{8.6}
16	GEK805M(G)4ME3.7						Ø125×Ø24×Ø28		0.79{8.1}
17	GEL805M(G)4ME5.5		Ø30 EA560H-30N	Ø30×Ø44×8.5×4	6307ZZ	6307ZZ	Ø140×Ø32×Ø38	10×8×50	0.74{7.5}
18	GEM805M(G)4ME7.5		Ø35 EA560H-35N	Ø35×Ø51×8.5×4					0.68{6.9}
19	GEM805M(G)4ME11						Ø160×Ø32×Ø42		0.60{6.1}
20	GEK1005M(G)4ME3.7	FC	Ø30 EA560H-30N	Ø30×Ø46×8.5×4			Ø125×Ø32×Ø28		0.85{8.7}
21	GEL1005M(G)4ME5.5		Ø35 EA560H-35N	Ø35×Ø51×8.5×4			Ø140×Ø32×Ø38		0.78{8.0}
22	GEL1005M(G)4ME7.5								0.75{7.6}
23	GEM1005M(G)4ME11						Ø160×Ø32×Ø42		0.69{7.0}
24	GEM1005M(G)4ME15								0.62{6.3}
25	GEK1255M(G)4ME3.7	CAC406(BC6)	Ø35 EA560H-35N	Ø35×Ø51×8.5×4	6307ZZ	6307ZZ	Ø125×Ø32×Ø28	10×8×50	0.84{8.6}
26	GEK1255M(G)4ME5.5						Ø140×Ø32×Ø38		0.81{8.3}
27	GEL1255BM(G)4ME7.5	FC							0.80{8.2}
28	GEL1255BM(G)4ME11						Ø160×Ø32×Ø42		0.76{7.7}
29	GEM1255BM(G)4ME15								0.66{6.7}
30	GEM1255BM(G)4ME18								0.62{6.3}
31	GEM1255M(G)4ME18						Ø160×Ø32×Ø48		0.55{5.6}
32	GEO1255M(G)4ME22	SCS13	Ø45 EA560H-45N	Ø45×Ø65×10.5×5	6310ZZ	6310ZZ	Ø180×Ø42×Ø55	10×8×63	0.52{5.3}
33	GEO1255M(G)4ME30								0.41{4.2}
34	GEK1505M(G)4ME7.5	CAC406(BC6)	Ø35 EA560H-35N	Ø35×Ø51×8.5×4	6307ZZ	6307ZZ	Ø140×Ø32×Ø38	10×8×50	0.85{8.7}
35	GEK1505M(G)4ME11						Ø160×Ø32×Ø42		0.82{8.4}
36	GEL1505M(G)4ME15								0.76{7.8}
37	GEL1505M(G)4ME18						Ø160×Ø32×Ø48		0.75{7.6}
38	GEM1505M(G)4ME18	CAC406(BC6)	Ø45 EA560H-45N	Ø45×Ø65×10.5×5	6310ZZ	6310ZZ	Ø160×Ø42×Ø48	10×8×63	0.69{7.0}
39	GEM1505M(G)4ME22						Ø180×Ø42×Ø55		0.65{6.6}
40	GEM1505M(G)4ME30								0.58{5.9}
41	GEM1505M(G)4ME37	SCS13					Ø200×Ø42×Ø60	12×8×63	0.51{5.2}
42	GEO1505M(G)4ME30		Ø50 EA560H-50N	Ø50×Ø75×10.5×5			Ø180×Ø42×Ø55	12×8×92	0.54{5.5}
43	GEO1505M(G)4ME37						Ø200×Ø42×Ø60		0.49{5.0}
44	GEO1505M(G)4ME45								0.42{4.3}
45	GEO1505M(G)4ME55						Ø224×Ø42×Ø65		0.38{3.9}

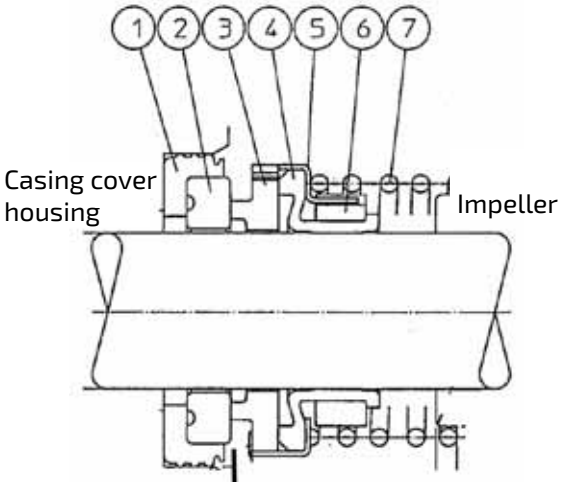
PUMP DATA

No.	Model	Motor		ImpellerDiameter (mm)	Coupling CLA	ShaftDiameter	
		Power(kW)	Frame(No.)			Pump(mm)	Motor(mm)
1	GEJ-40×325M(G)-4MN0.4	0.4	71M	G-165	AF-63	19	14
2	GEK-40×325M(G)-4MN0.4	0.4	71M	G-179	AF-74	24	14
3	GEK405M(G)4ME0.75	0.75	80M	G-216	AF-74	24	19
4	GEJ-50×405M(G)-4MN0.4	0.4	71M	G-152	AF-63	19	14
5	GEJ505M(G)4ME0.75	0.75	80M	G-171	AF-63	19	19
6	GEK505M(G)4ME0.75	0.75	80M	G-194	AF-74	24	19
7	GEK505M(G)4ME1.5	1.5	90L	G-210	AF-74	24	24
8	GEL505M(G)4ME2.2	2.2	100L	G-266	112	24	28
9	GEJ655M(G)4ME0.75	0.75	80M	G-161	AF-74	24	19
10	GEK655M(G)4ME1.5	1.5	90L	G-198	AF-74	24	24
11	GEK655M(G)4ME2.2	2.2	100L	G-218	112	24	28
12	GEL655M(G)4ME3.7	3.7	112M	G-273	125	24	28
13	GEJ805M(G)4ME1.5	1.5	90L	G-173	AF-74	24	24
14	GEJ805M(G)4ME2.2	2.2	100L	G-180	112	24	28
15	GEK805M(G)4ME2.2	2.2	100L	G-196	112	24	28
16	GEK805M(G)4ME3.7	3.7	112M	G-224	125	24	28
17	GEL805M(G)4ME5.5	5.5	132S	G-270	140	32	38
18	GEM805M(G)4ME7.5	7.5	132M	G-300	140	32	38
19	GEM805M(G)4ME11	11	160M	G-328	160	32	42
20	GEK1005M(G)4ME3.7	3.7	112M	G-209	125	32	28
21	GEL1005M(G)4ME5.5	5.5	132S	G-244	140	32	38
22	GEL1005M(G)4ME7.5	7.5	132M	G-268	140	32	38
23	GEM1005M(G)4ME11	11	160M	G-302	160	32	42
24	GEM1005M(G)4ME15	15	160L	G-330	160	32	42
25	GEK1255M(G)4ME3.7	3.7	112M	G-198	125	32	28
26	GEK1255M(G)4ME5.5	5.5	132S	G-218	140	32	38
27	GEL1255BM(G)4ME7.5	7.5	132M	G-240	140	32	38
28	GEL1255BM(G)4ME11	11	160M	G-268	160	32	42
29	GEM1255BM(G)4ME15	15	160L	G-315	160	32	42
30	GEM1255BM(G)4ME18	18	180M	G-336	160	32	48
31	GEM1255M(G)4ME18	18	180M	G-353	140	32	48
32	GEO1255M(G)4ME22	22	180M	G-375	180	42	55
33	GEO1255M(G)4ME30	30	180L	G-413	180	42	55
34	GEK1505M(G)4ME7.5	7.5	132M	GF-217	140	32	38
35	GEK1505M(G)4ME11	11	160M	GF-234	160	32	42
36	GEL1505M(G)4ME15	15	160L	GF-268	160	32	42
37	GEL1505M(G)4ME18	18	180M	GF-273	160	32	48
38	GEM1505M(G)4ME18	18	180M	G-295	160	42	48
39	GEM1505M(G)4ME22	22	180M	G-312	180	42	55
40	GEM1505M(G)4ME30	30	180L	G-340	180	42	55
41	GEM1505M(G)4ME37	37	200L	GF-366	200	32	60
42	GEO1505M(G)4ME30	30	180L	G-373	180	32	55
43	GEO1505M(G)4ME37	37	200L	G-392	200	32	60
44	GEO1505M(G)4ME45	45	200L	G-413	200	32	60
45	GEO1505M(G)4ME55	55	225S	GD-424	224	32	65

SECTION VIEW - MECHANICAL SEAL

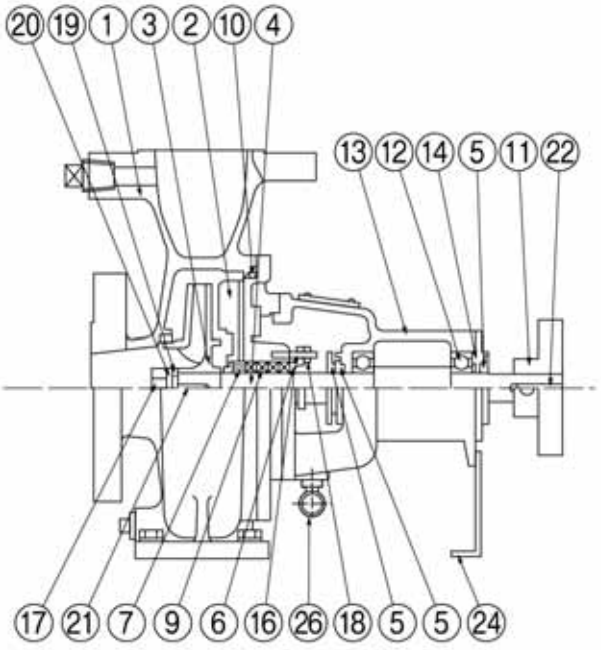


No.	Part name	Material	Q'ty
1	Casing	Cast iron	1
2	Casing cover	Cast iron	1
3	Impeller	Cast iron, Bronze or SCS13	1
4	Shaft	SUS304	1
5	Deflector	Rubber	3
8	Mechanical seal	Sic x Carbon	1
10	O-Ring	Rubber	1
11	Shaft coupling	Cast iron	1
12	Bearing	Sealed bearing	1
13	Bearing box	Cast iron	1
14	Bearing cover	Cast iron	1
15	Screw	SUS304	1
17	Nut	SUS304	1
19	Plane washer	SUS304	1
20	Spring washer	SUS304	1
21	Key	SUS304	1
22	Key	S45C	1
23	Mechanical seal cover	Bronze	1
24	Supporter	SPCC	1
25	Stopper ring	SUS316	1

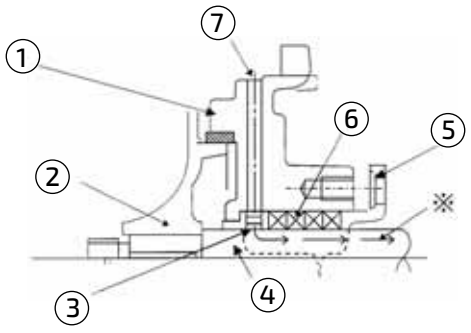


No.	Part name	Material	Q'ty
1	Cup gasket	FKM	1
2	Mating ring	SIC	1
3	Seal ring	Carbon	1
4	Bellows	FKM	1
5	Case	SUS304	1
6	Drive ring	SUS304	1
7	Coil spring	SUS304	1

SECTION VIEW - GLAND PACKING SEAL



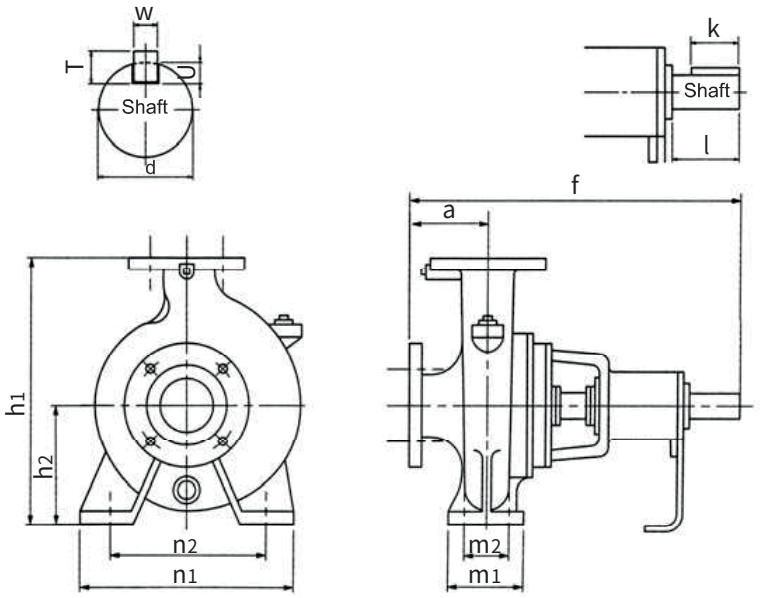
No.	Part name	Material	Q'ty
1	Casing	Cast iron	1
2	Casing cover	Cast iron	1
3	Impeller	Cast iron, Bronze or SCS13	1
4	Shaft	SUS403	1
5	Deflector	Rubber	3
6	Packing gland	Bronze	1
7	Lantern ring	Bronze	1
9	Gland packing	Non asbestos	4–5
10	O ring	Rubber	1
11	Shaft coupling	Cast iron	1
12	Bearing	Sealed bearing	1
13	Bearing box	Cast iron	1
14	Bearing cover	Cast iron	1
15	Screw	SUS304	1
16	Double nut stud bolt	C3604	2
18	Plane washer	C3604	2
19	Plane washer	SUS304	1
20	Spring washer	SUS304	1
21	Key	SUS304	1
22	key	S45C	1
24	Supporter	SPCC	1
25	Stopper ring	SUS316	1
26	Elbow	FCMB28	1



Detail of sruffing box

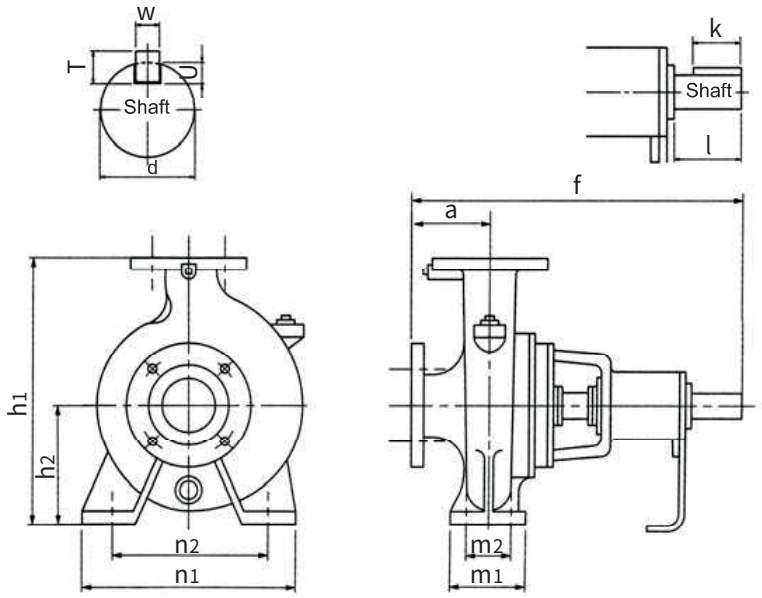
No.	Part name	Material	Q'ty
1	Casing cover	Cast iron	1
2	Impeller	Cast iron	1
3	Lantern ring	Bronze	1
4	Shaft	SUS304	1
5	Packing grand	Bronze	4–5
6	Grand packing	Non asbestos	1
7	Filler	-	1

DRAWING DIMENSION – BARE PUMP



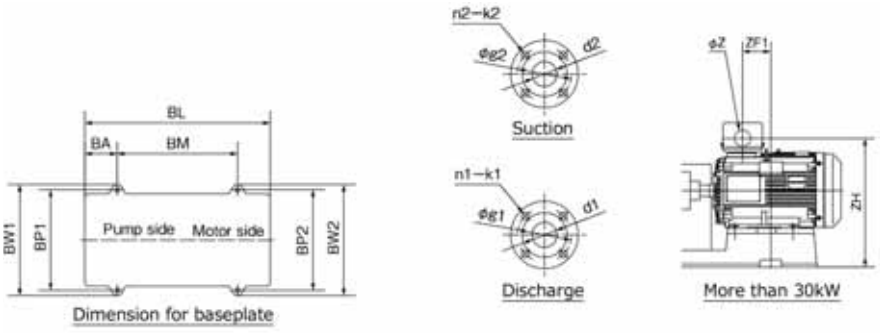
Suction	Discharge	Model	Motor (kW)	Pump Dimension								Shaft			Coupling Key		
d_1	d_2			a	f	h1	h2	n1	n2	m1	m2	d	l	u	w	t	k
40	32	GEJ-40×325M(G)-4MN0.4	0.4	80	440	292	132	240	196	100	70	19	40	3.5	6	6	32
		GEK-40×325M(G)-4MN0.4	0.4	80	440	340	160	240	196	100	70	24	50	4	8	7	40
		GEK405M(G)4ME0.75	0.75	80	440	340	160	240	196	100	70	24	50	4	8	7	40
50	40	GEJ-50×405M(G)-4MN0.4	0.4	80	440	292	132	240	196	100	70	19	40	3.5	6	6	32
		GEJ505M(G)4ME0.75	0.75	80	440	292	132	240	196	100	70	19	40	3.5	6	6	32
		GEK505M(G)4ME0.75	0.75	100	460	340	160	265	212	100	70	24	50	4	8	7	40
		GEK505M(G)4ME1.5	1.5	100	460	340	160	265	212	100	70	24	50	4	8	7	40
		GEL505M(G)4ME2.2	2.2	100	460	405	180	320	250	125	95	24	50	4	8	7	40
65	50	GEJ655M(G)4ME0.75	0.75	100	460	340	160	265	212	100	70	24	50	4	8	7	40
		GEK655M(G)4ME1.5	1.5	100	460	360	160	265	212	100	70	24	50	4	8	7	40
		GEK655M(G)4ME2.2	2.2	100	460	360	160	265	212	100	70	24	50	4	8	7	40
		GEL655M(G)4ME3.7	3.7	100	460	405	180	320	250	125	95	24	50	4	8	7	40
80	65	GEJ805M(G)4ME1.5	1.5	100	460	360	160	280	212	125	95	24	50	4	8	7	40
		GEJ805M(G)4ME2.2	2.2	100	460	360	160	280	212	125	95	24	50	4	8	7	40
		GEK805M(G)4ME2.2	2.2	100	460	405	180	320	250	125	95	24	50	4	8	7	40
		GEK805M(G)4ME3.7	3.7	100	460	405	180	320	250	125	95	24	50	4	8	7	40
		GEL805M(G)4ME5.5	5.5	100	570	450	200	260	280	160	120	32	80	5	10	8	50
		GEM805M(G)4ME7.5	7.5	125	595	505	225	400	315	160	120	32	80	5	10	8	50
		GEM805M(G)4ME11	11	125	595	505	225	400	315	160	120	32	80	5	10	8	50

DRAWING DIMENSION – BARE PUMP



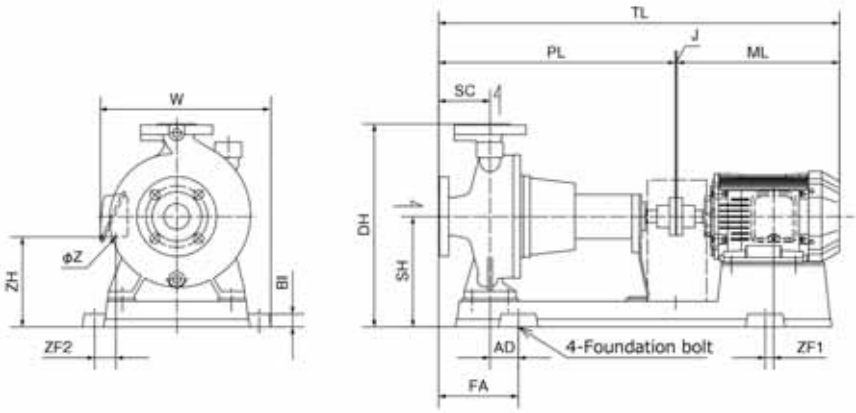
Suction	Discharge	Model	Motor (kW)	Pump Dimension								Shaft			Coupling Key		
d_1	d_2			a	f	h1	h2	n1	n2	m1	m2	d	l	u	w	t	k
100	80	GEK1005M(G)4ME3.7	3.7	125	595	430	180	345	280	125	95	32	80	5	10	8	50
		GEL1005M(G)4ME5.5	5.5	125	595	505	225	400	315	160	120	32	80	5	10	8	50
		GEL1005M(G)4ME7.5	7.5	125	595	505	225	400	315	160	120	32	80	5	10	8	50
		GEM1005M(G)4ME11	11	125	595	565	250	400	315	160	120	32	80	5	10	8	50
		GEM1005M(G)4ME15	15	125	595	565	250	400	315	160	120	32	80	5	10	8	50
125	100	GEK1255M(G)4ME3.7	3.7	125	595	480	200	360	280	160	120	32	80	5	10	8	50
		GEK1255M(G)4ME5.5	5.5	125	595	480	200	360	280	160	120	32	80	5	10	8	50
		GEL1255BM(G)4ME7.5	7.5	140	610	505	225	315	400	120	160	32	80	5	10	8	50
		GEL1255BM(G)4ME11	11	140	610	505	225	315	400	120	160	32	80	5	10	8	50
		GEM1255BM(G)4ME15	15	140	610	565	250	315	400	120	160	32	80	5	10	8	50
		GEM1255BM(G)4ME18	18	140	610	565	250	315	400	120	160	32	80	5	10	8	50
		GEM1255M(G)4ME18	18	140	610	565	250	315	400	120	160	32	80	5	10	8	50
		GEO1255M(G)4ME22	22	140	670	635	280	400	500	150	200	42	110	5	10	8	50
		GEO1255M(G)4ME30	30	140	670	635	280	400	500	150	200	42	110	5	10	8	50
150	125	GEK1505M(G)4ME7.5	7.5	140	670	565	250	400	315	160	120	42	110	5	12	8	63
		GEK1505M(G)4ME11	11	140	670	565	250	400	315	160	120	42	110	5	12	8	63
		GEL1505M(G)4ME15	15	140	670	605	250	400	315	160	120	42	110	5	12	8	63
		GEL1505M(G)4ME18	18	140	670	605	250	400	315	160	120	42	110	5	12	8	63
		GEM1505M(G)4ME18	18	140	670	635	280	500	400	200	150	42	110	5	12	8	63
		GEM1505M(G)4ME22	22	140	670	635	280	500	400	200	150	42	110	5	12	8	63
		GEM1505M(G)4ME30	30	140	670	635	280	500	400	200	150	42	110	5	12	8	63
		GEM1505M(G)4ME37	37	140	670	635	280	500	400	200	150	42	110	5	12	8	63
		GEO1505M(G)4ME30	30	140	670	715	315	500	400	200	150	42	110	5	12	8	63
		GEO1505M(G)4ME37	37	140	670	715	315	500	400	200	150	42	110	5	12	8	63
		GEO1505M(G)4ME45	45	140	670	715	315	500	400	200	150	42	110	5	12	8	63
		GEO1505M(G)4ME55	55	140	670	715	315	500	400	200	150	42	110	5	12	8	63

DRAWING DIMENSION - COMPLETE SET



Unit : mm

Suction Bore	Discharge Bore	g1	g2	n1	n2	k1	k2
d1	d2						
40	32	105	100	4	4	19	19
50	40	120	105	4	4	19	19
65	50	140	120	4	4	19	19
80	65	150	140	8	4	19	19
100	80	175	150	8	8	19	19
125	100	210	175	8	8	23	19
150	125	240	210	8	8	23	23



(REFERENCE JAPANESE MOTOR BRAND)

Suction	Discharge	Model	Motor (kW)	Pump		Baseplate							
d_1	d_2			SC	PL	BI	BL	BA	BM	BP1	BP2	BW1	BW2
40	32	GEJ-40×325M(G)-4MN0.4	0.4	80	440	25	647	111	420	290	210	336	256
		GEK-40×325M(G)-4MN0.4	0.4	80	440	25	654	112	420	290	230	336	276
		GEK405M(G)4ME0.75	0.75	80	440	25	733	122	480	290	290	336	336
50	40	GEJ-50×405M(G)-4MN0.4	0.4	80	440	25	647	111	420	290	210	336	256
		GEJ505M(G)4ME0.75	0.75	80	440	25	727	121	480	290	230	336	276
		GEK505M(G)4ME0.75	0.75	100	460	25	733	122	480	320	320	366	366
		GEK505M(G)4ME1.5	1.5	100	460	25	731	122	480	320	320	366	366
		GEL505M(G)4ME2.2	2.2	100	460	25	825	138	540	400	290	458	348
65	50	GEJ655M(G)4ME0.75	0.75	100	460	25	733	122	480	320	320	366	366
		GEK655M(G)4ME1.5	1.5	100	460	25	731	122	480	320	320	366	366
		GEK655M(G)4ME2.2	2.2	100	460	25	731	122	480	320	320	366	366
		GEL655M(G)4ME3.7	3.7	100	460	35	823	138	540	400	320	458	378
80	65	GEJ805M(G)4ME1.5	1.5	100	460	25	732	122	480	350	260	396	306
		GEJ805M(G)4ME2.2	2.2	100	460	25	822	138	540	350	290	396	336
		GEK805M(G)4ME2.2	2.2	100	460	25	825	138	540	400	290	458	348
		GEK805M(G)4ME3.7	3.7	100	460	35	823	138	540	400	320	458	378
		GEL805M(G)4ME5.5	5.5	100	570	25	923	158	600	440	350	498	408
		GEM805M(G)4ME7.5	7.5	125	595	25	1029	180	660	490	350	548	408
		GEM805M(G)4ME11	11	125	595	35	1146	199	740	490	400	548	458

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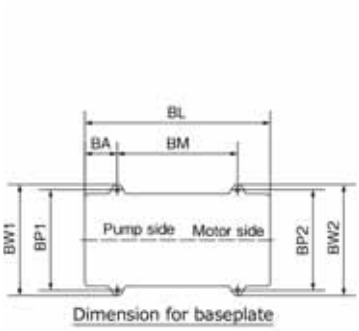
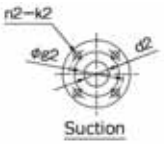
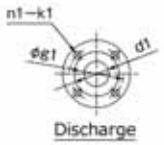
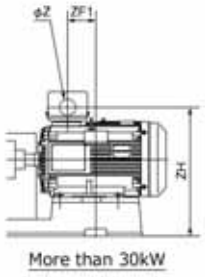
DRAWING DIMENSION - COMPLETE SET



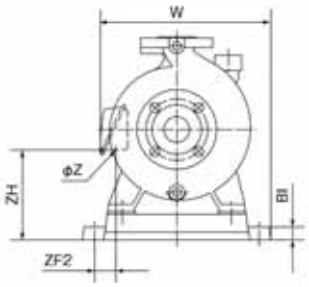


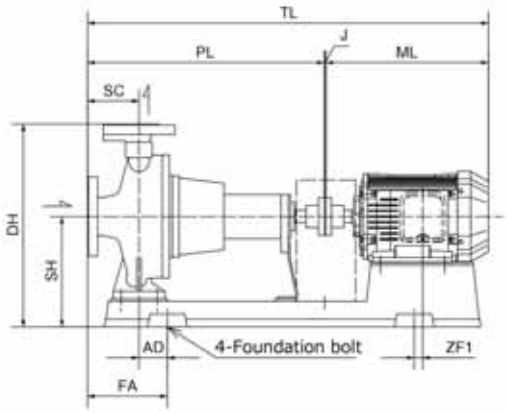




Unit : mm

Suction Bore d1	Discharge Bore d2	g1	g2	n1	n2	k1	k2
40	32	105	100	4	4	19	19
50	40	120	105	4	4	19	19
65	50	140	120	4	4	19	19
80	65	150	140	8	4	19	19
100	80	175	150	8	8	19	19
125	100	210	175	8	8	23	19
150	125	240	210	8	8	23	23





(REFERENCE JAPANESE MOTOR BRAND)

Suction d_1	Discharge d_2	Model	Motor (kW)	Combination							Other					Weight (kg)
				DH	SH	TL	AD	J	FA	W	ML	ZF1	ZF2	ZH	Z	
40	32	GEJ–40×325M(G)–4MN0.4	0.4	347	187	681	45	3	12	–	238	23	–2	156	22	46
		GEK–40×325M(G)–4MN0.4	0.4	395	215	681	45	3	125	–	238	23	–12	184	22	53
		GEK405M(G)4ME0.75	0.75	395	215	746	55	3	135	–	281	20	39	205	22	65
50	40	GEJ–50×405M(G)–4MN0.4	0.4	347	187	681	45	3	125	–	238	23	–2	156	22	49
		GEJ505M(G)4ME0.75	0.75	347	187	741	55	3	135	–	281	20	9	177	22	55
		GEK505M(G)4ME0.75	0.75	395	215	766	55	3	155	–	281	20	54	205	22	64
		GEK505M(G)4ME1.5	1.5	395	215	779	55	3	155	–	316	17	42	175	28	71
		GEL505M(G)4ME2.2	2.2	470	245	842	55	3	155	–	357	–7	20	205	28	101
65	50	GEJ655M(G)4ME0.75	0.75	395	215	766	55	3	155	–	281	20	54	205	22	67
		GEK655M(G)4ME1.5	1.5	415	215	779	55	3	155	–	316	17	42	175	28	77
		GEK655M(G)4ME2.2	2.2	425	225	820	55	3	155	–	357	53	35	185	28	88
		GEL655M(G)4ME3.7	3.7	470	245	840	55	3	155	–	373	7	22	205	28	111
80	65	GEJ805M(G)4ME1.5	1.5	415	215	779	40	3	140	–	316	32	12	175	28	74
		GEJ805M(G)4ME2.2	2.2	425	225	839	55	3	155	–	357	–10	20	185	28	90
		GEK805M(G)4ME2.2	2.2	470	245	842	55	3	155	–	357	–7	20	205	28	94
		GEK805M(G)4ME3.7	3.7	470	245	840	55	3	155	–	373	–	22	205	28	107
		GEL805M(G)4ME5.5	5.5	515	265	1001	60	3	160	–	428	111	4	210	36	156
		GEM805M(G)4ME7.5	7.5	590	310	1064	80	3	205	–	466	69	4	255	36	189
		GEM805M(G)4ME11	11	590	310	1172	100	3	225	–	563	58	–17	247	52	228

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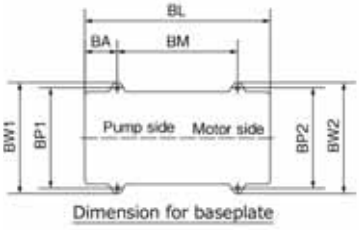
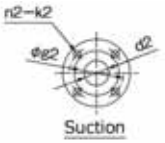
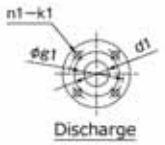
DRAWING DIMENSION - COMPLETE SET



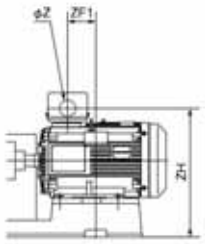
Dimension for baseplate



Suction



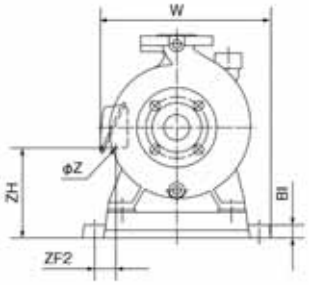
Discharge

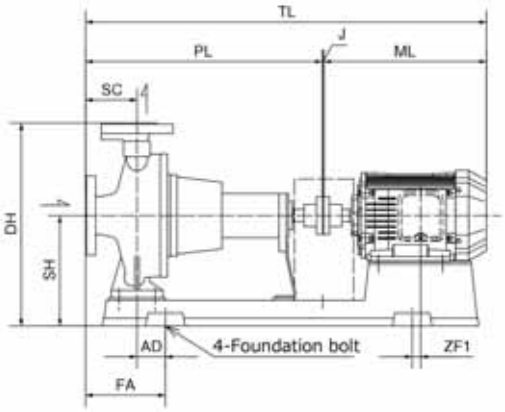


More than 30kW

Unit : mm

Suction Bore d1	Discharge Bore d2	g1	g2	n1	n2	k1	k2
40	32	105	100	4	4	19	19
50	40	120	105	4	4	19	19
65	50	140	120	4	4	19	19
80	65	150	140	8	4	19	19
100	80	175	150	8	8	19	19
125	100	210	175	8	8	23	19
150	125	240	210	8	8	23	23





(REFERENCE JAPANESE MOTOR BRAND)

Suction d_1	Discharge d_2	Model	Motor (kW)	Pump SC	Pump PL	Baseplate BI	BL	BA	BM	BP1	BP2	BW1	BW2
100	80	GEK1005M(G)4ME3.7	3.7	125	595	35	921	158	600	440	350	498	408
		GEL1005M(G)4ME5.5	5.5	125	595	35	1029	180	660	490	350	548	408
		GEL1005M(G)4ME7.5	7.5	125	595	35	1029	180	660	490	350	548	408
		GEM1005M(G)4ME11	11	125	595	35	1146	199	740	490	400	548	458
		GEM1005M(G)4ME15	15	125	595	35	1146	199	740	490	400	548	458
125	100	GEK1255M(G)4ME3.7	3.7	125	595	35	927	158	600	440	320	498	378
		GEK1255M(G)4ME5.5	5.5	125	595	35	923	158	600	440	350	498	408
		GEL1255BM(G)4ME7.5	7.5	140	610	35	1029	180	660	490	350	548	408
		GEL1255BM(G)4ME11	11	140	610	35	1146	199	740	490	400	548	458
		GEM1255BM(G)4ME15	15	140	610	35	1146	199	740	490	400	548	458
		GEM1255BM(G)4ME18	18	140	610	35	1146	199	740	490	490	548	548
		GEM1255M(G)4ME18	18	140	670	35	1146	199	740	490	490	548	548
		GEO1255M(G)4ME22	22	140	670	35	1276	214	840	600	490	668	558
		GEO1255M(G)4ME30	30	140	610	35	1276	214	840	600	490	668	558
150	125	GEK1505M(G)4ME7.5	7.5	140	610	35	1029	180	660	490	350	548	408
		GEK1505M(G)4ME11	11	140	610	35	1146	199	740	490	400	548	458
		GEL1505M(G)4ME15	15	140	610	35	1146	199	740	490	400	548	458
		GEL1505M(G)4ME18	18	140	610	35	1146	199	740	490	490	548	548
		GEM1505M(G)4ME18	18	140	670	35	1276	214	840	600	490	668	558
		GEM1505M(G)4ME22	22	140	670	35	1276	214	840	600	490	668	558
		GEM1505M(G)4ME30	30	140	670	35	1276	214	840	600	490	668	558
		GEM1505M(G)4ME37	37	140	670	35	1321	214	840	600	490	668	558
		GEO1505M(G)4ME30	30	140	670	35	1280	214	840	600	490	688	558
		GEO1505M(G)4ME37	37	140	670	50	1432	241	940	600	600	670	670
		GEO1505M(G)4ME45	45	140	670	50	1432	241	940	600	600	670	670
		GEO1505M(G)4ME55	55	140	670	50	1432	241	940	600	600	670	670

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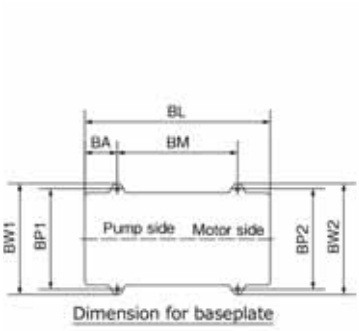
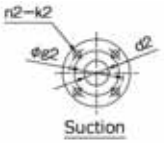
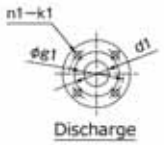
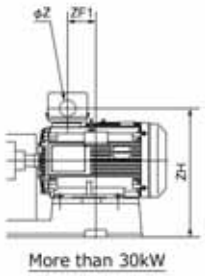
DRAWING DIMENSION - COMPLETE SET



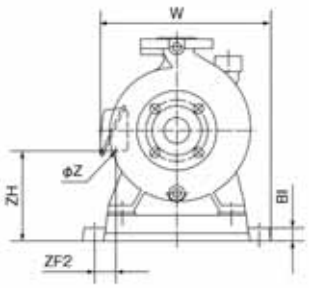


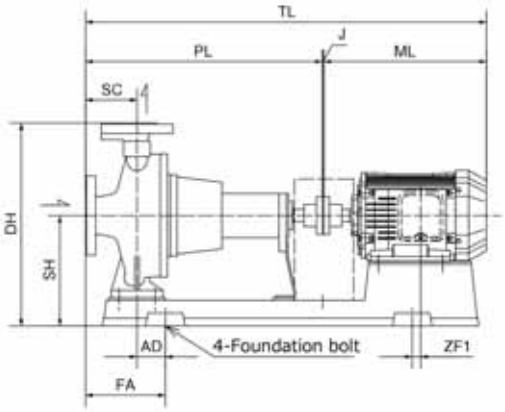




Unit : mm

Suction Bore d1	Discharge Bore d2	g1	g2	n1	n2	k1	k2
40	32	105	100	4	4	19	19
50	40	120	105	4	4	19	19
65	50	140	120	4	4	19	19
80	65	150	140	8	4	19	19
100	80	175	150	8	8	19	19
125	100	210	175	8	8	23	19
150	125	240	210	8	8	23	23





(REFERENCE JAPANESE MOTOR BRAND)

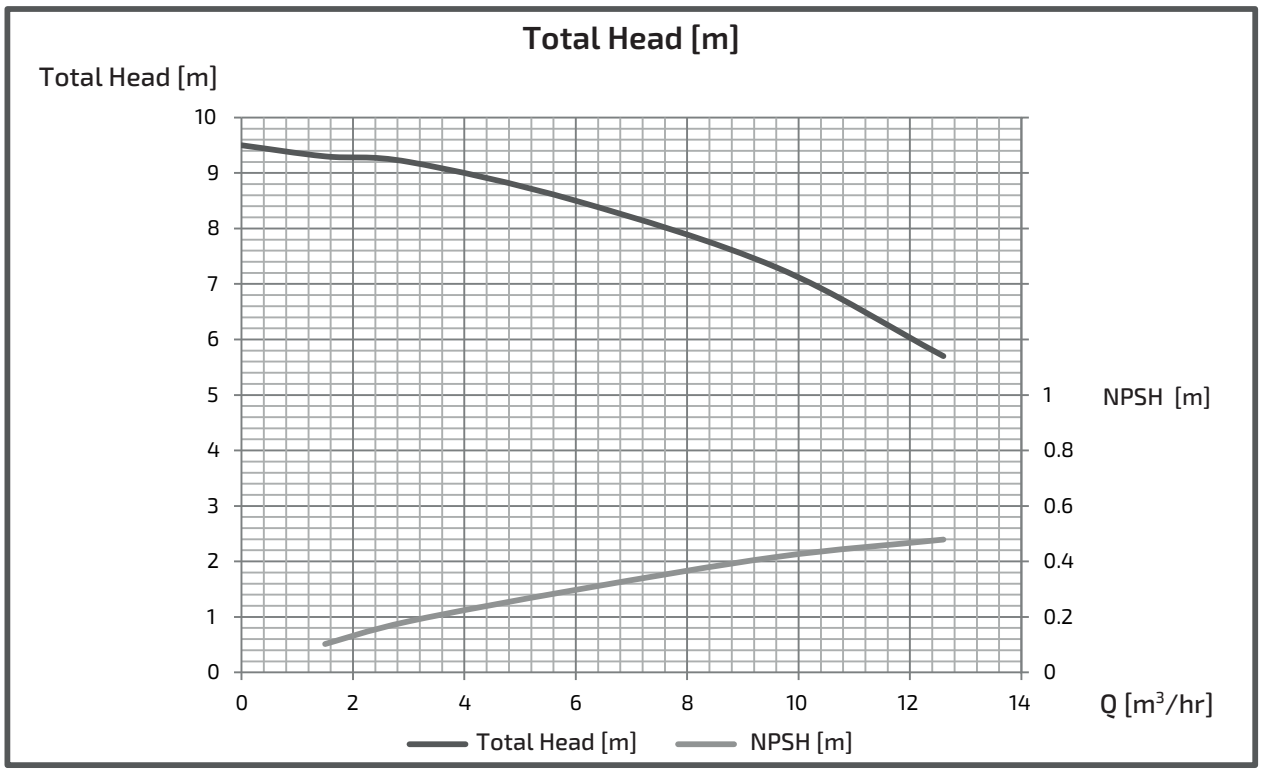
Suction d_1	Discharge d_2	Model	Motor (kW)	Combination							Other					Weight (kg)
				DH	SH	TL	AD	J	FA	W	ML	ZF1	ZF2	ZH	Z	
100	80	GEK1005M(G)4ME3.7	3.7	495	245	971	75	3	200	-	373	37	37	205	28	130
		GEL1005M(G)4ME5.5	5.5	590	310	1054	80	3	205	-	428	31	4	255	36	180
		GEL1005M(G)4ME7.5	7.5	590	310	1064	80	3	205	-	466	69	4	255	36	191
		GEM1005M(G)4ME11	11	650	335	1172	100	3	225	-	563	58	-17	272	52	238
		GEM1005M(G)4ME15	15	650	335	1193	100	3	225	-	595	90	-17	272	52	261
125	100	GEK1255M(G)4ME3.7	3.7	545	265	971	60	3	185	-	373	52	22	225	28	146
		GEK1255M(G)4ME5.5	5.5	545	265	1026	60	3	185	-	428	111	4	210	36	165
		GEL1255BM(G)4ME7.5	7.5	590	310	1079	80	3	220	-	466	69	4	255	36	196
		GEL1255BM(G)4ME11	11	590	310	1187	100	3	240	-	563	58	-17	247	52	227
		GEM1255BM(G)4ME15	15	650	335	1208	100	3	240	-	595	90	-17	272	52	273
		GEM1255BM(G)4ME18	18	650	335	1278	100	3	240	566	665	-6	8	274	65	358
		GEM1255M(G)4ME18	18	650	335	1278	100	3	240	566	665	-6	8	274	65	364
		GEO1255M(G)4ME22	22	720	365	1338	95	3	235	-	665	-41	8	304	65	457
		GEO1255M(G)4ME30	30	720	365	1411	95	3	235	-	738	134	143	615	78	489
150	125	GEK1505M(G)4ME7.5	7.5	650	335	1079	80	3	220	-	466	69	4	280	36	189
		GEK1505M(G)4ME11	11	650	335	1187	100	3	240	-	563	58	-17	272	52	238
		GEL1505M(G)4ME15	15	690	335	1208	100	3	240	-	595	90	-17	272	52	274
		GEL1505M(G)4ME18	18	690	335	1278	100	3	240	566	665	-6	8	274	65	381
		GEM1505M(G)4ME18	18	720	365	1338	95	3	235	-	665	-41	8	304	65	432
		GEM1505M(G)4ME22	22	720	365	1338	95	3	235	-	665	-41	8	304	65	447
		GEM1505M(G)4ME30	30	720	365	1411	95	3	235	-	738	134	143	615	78	479
		GEM1505M(G)4ME37	37	720	365	1518	95	4	235	-	844	83	88	650	65	591
		GEO1505M(G)4ME30	30	805	405	1411	95	4	235	-	738	134	143	655	78	526
		GEO1505M(G)4ME37	37	820	420	1518	120	4	260	-	844	208	198	701	78	677
		GEO1505M(G)4ME45	45	820	420	1518	120	4	260	-	844	208	198	701	78	671
		GEO1505M(G)4ME55	55	820	420	1522	120	4	260	-	851	202	198	726	92	751

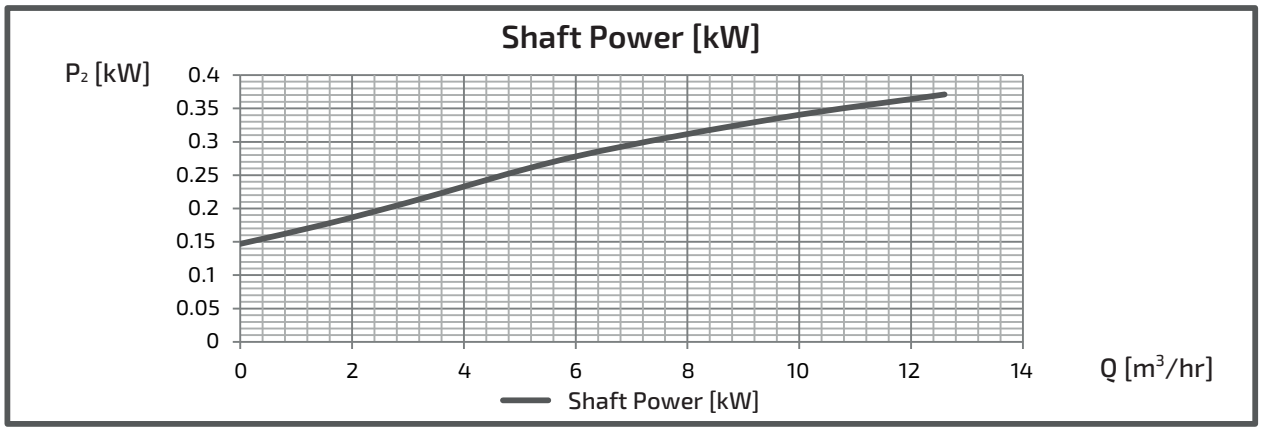
Continue from the previous page

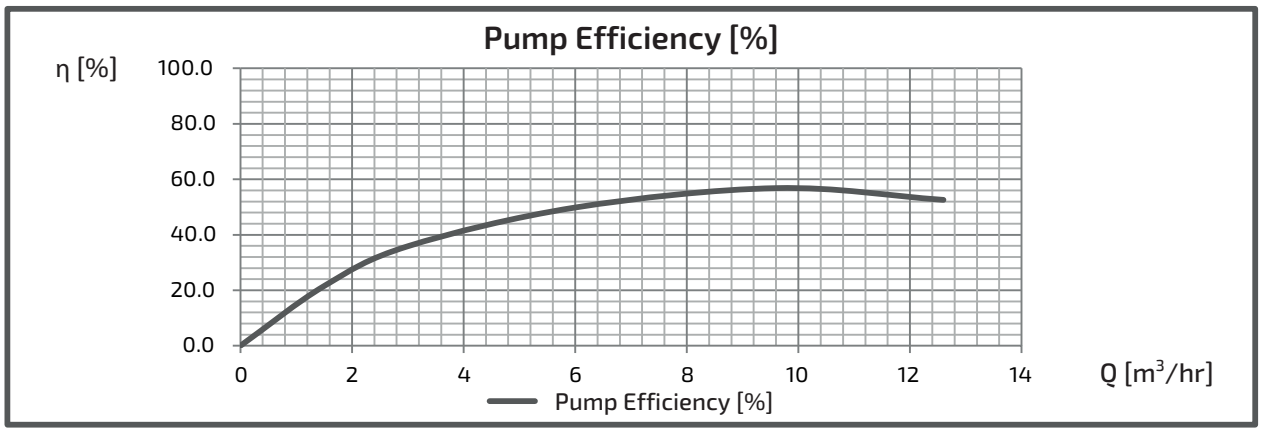
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ-40x325M(G)-4MN0.4

■ PERFORMANCE CURVES



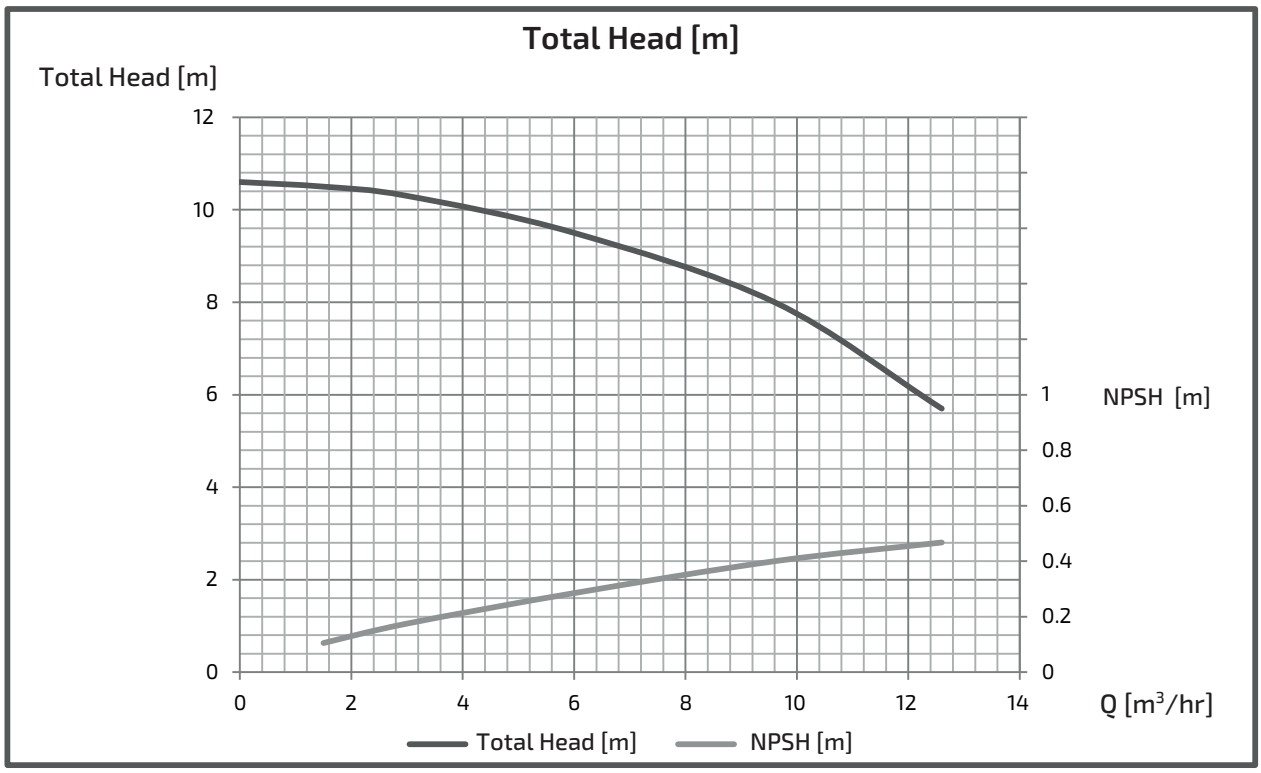


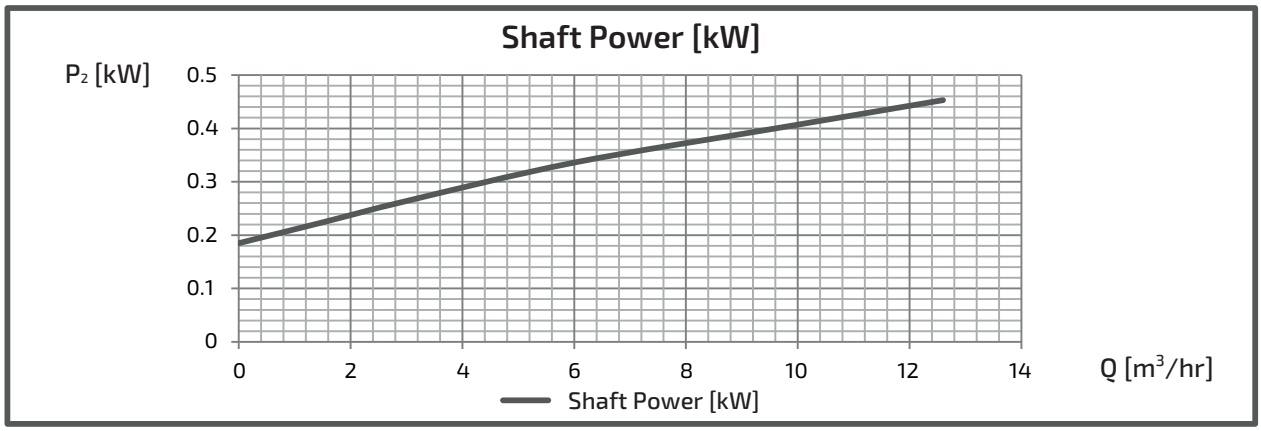


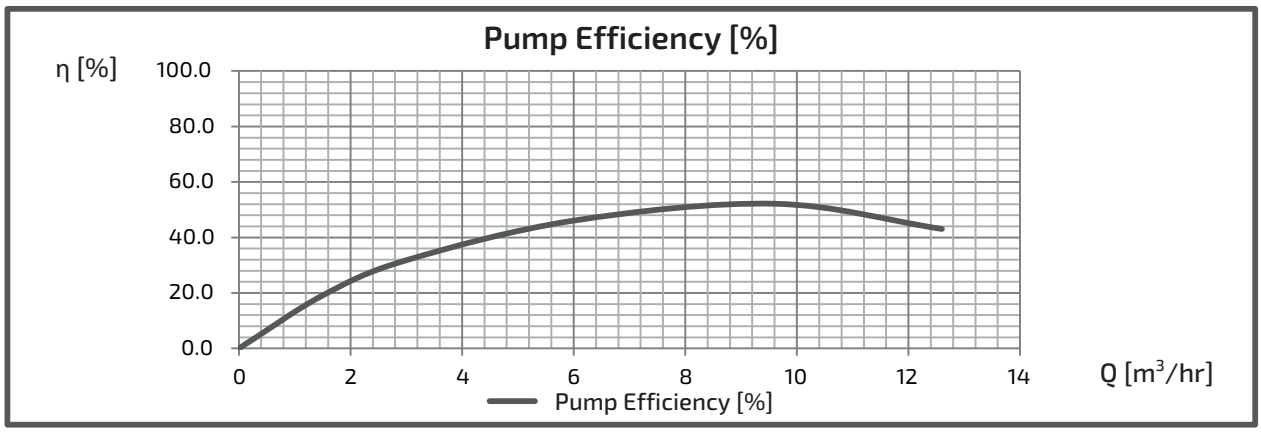
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK-40x325M(G)-4MN0.4

■ PERFORMANCE CURVES



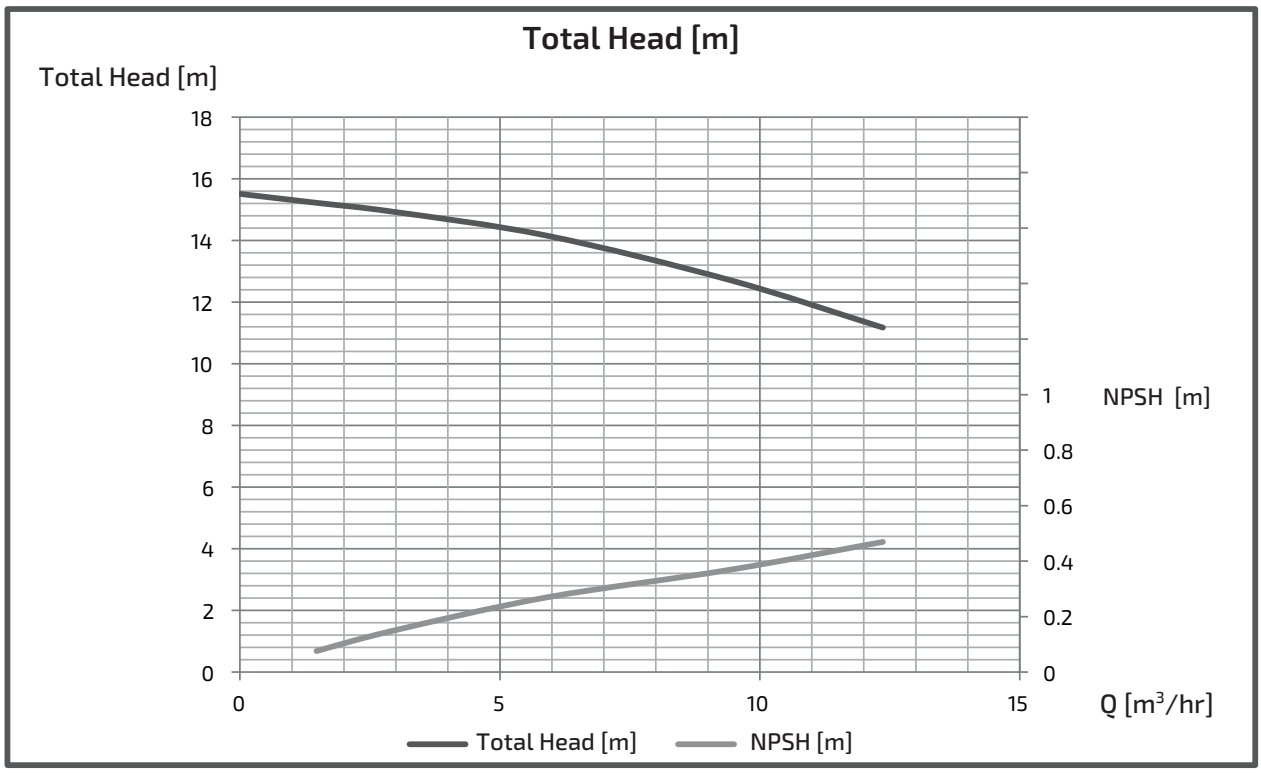


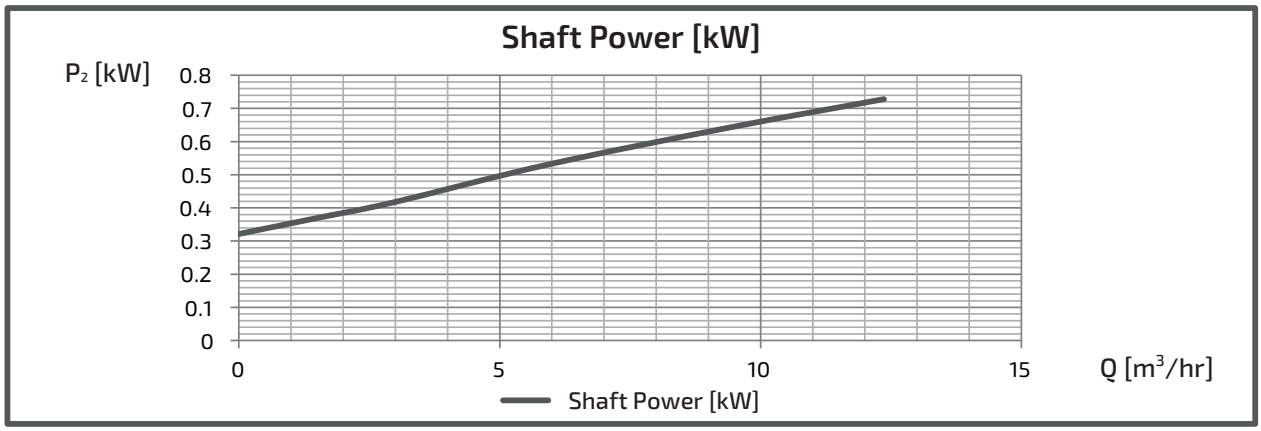


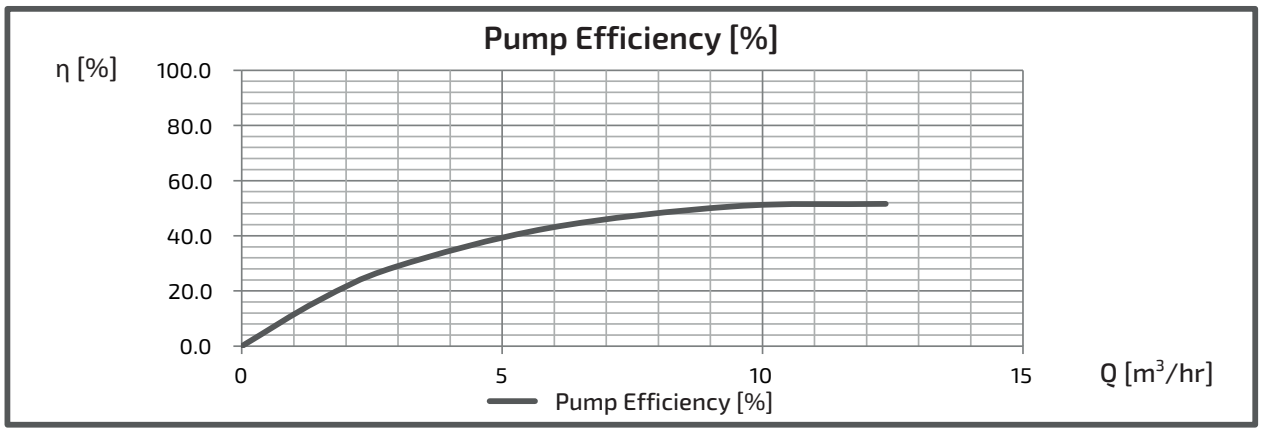
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK405M(G)4ME0.75

■ PERFORMANCE CURVES



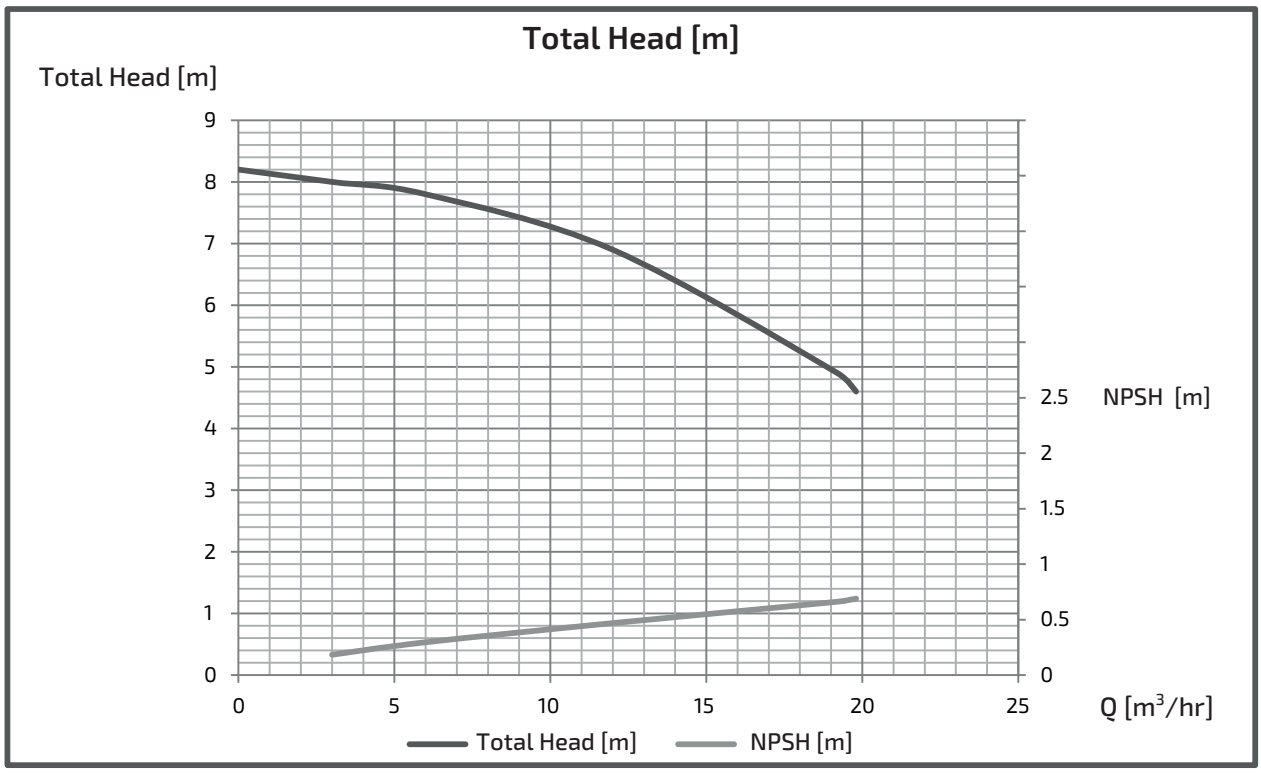


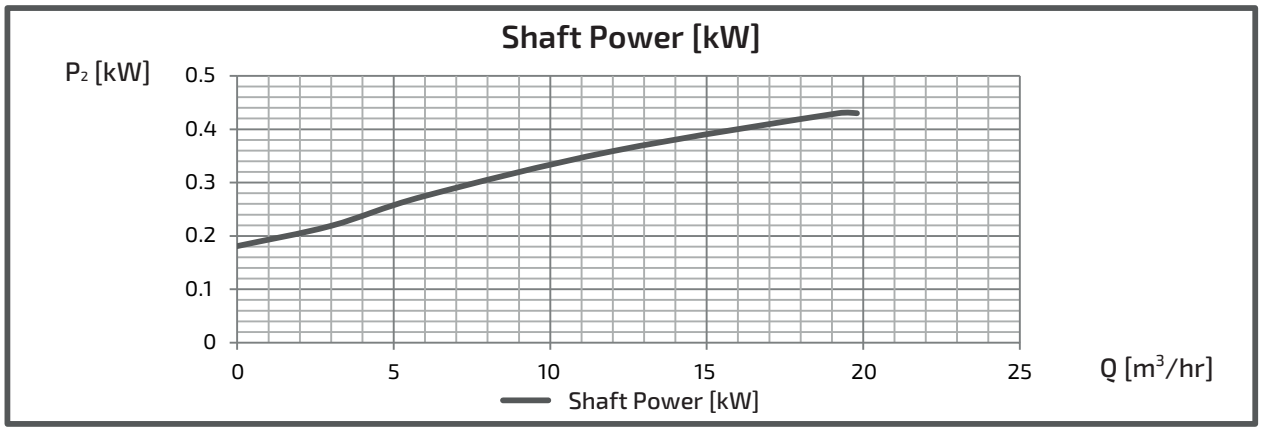


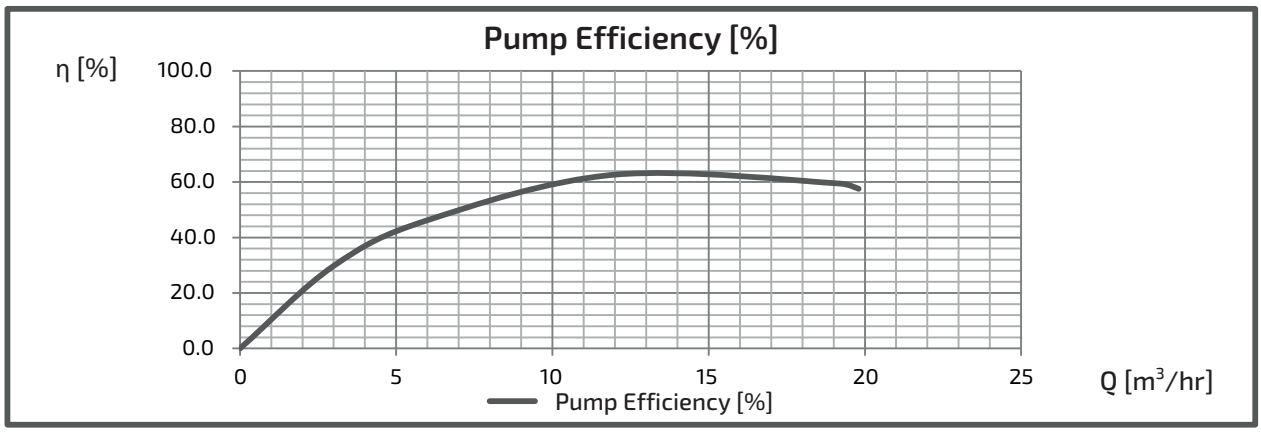
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ-50x405M(G)-4MN0.4

■ PERFORMANCE CURVES



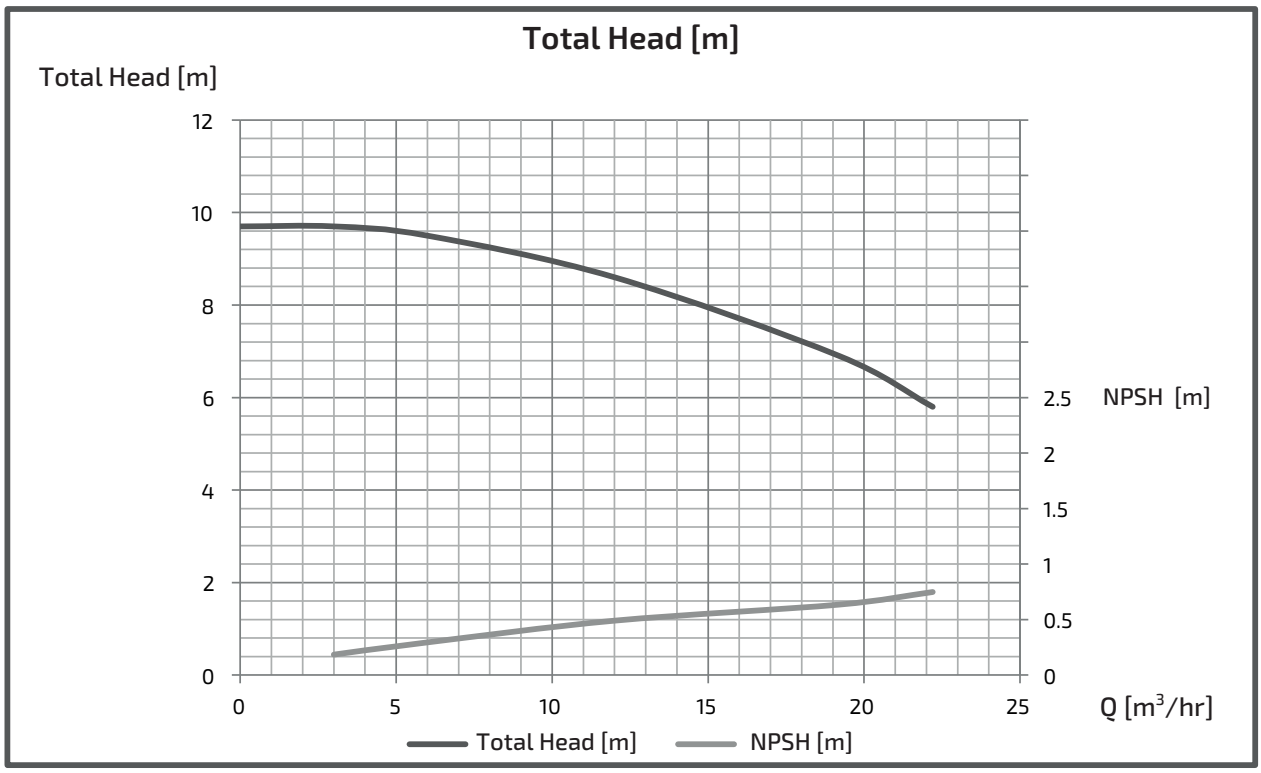


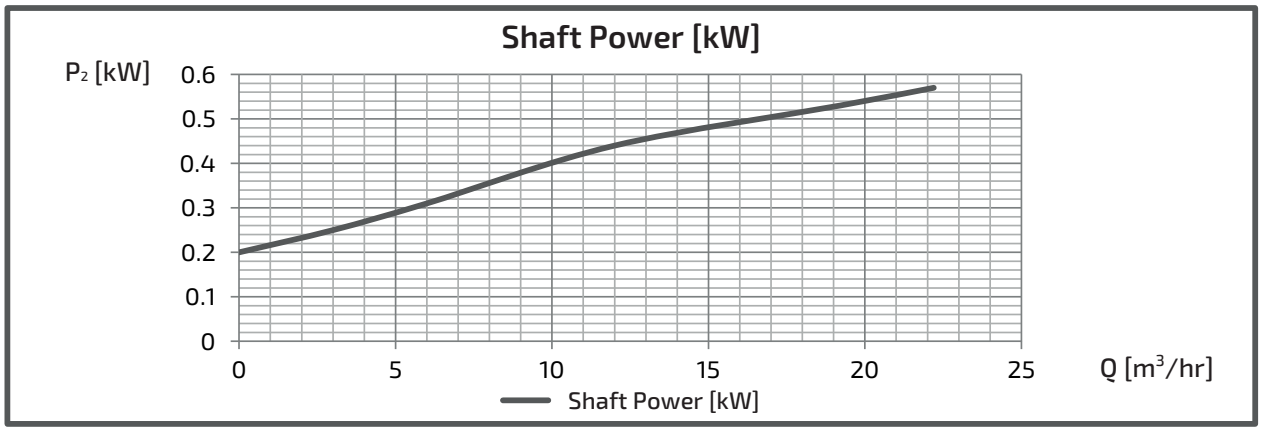


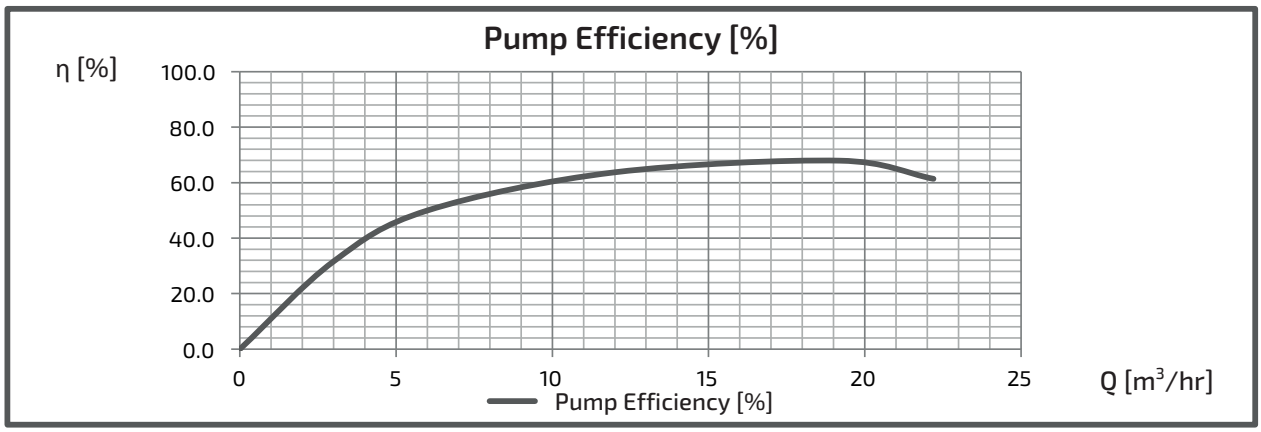
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ505M(G)4ME0.75

■ PERFORMANCE CURVES



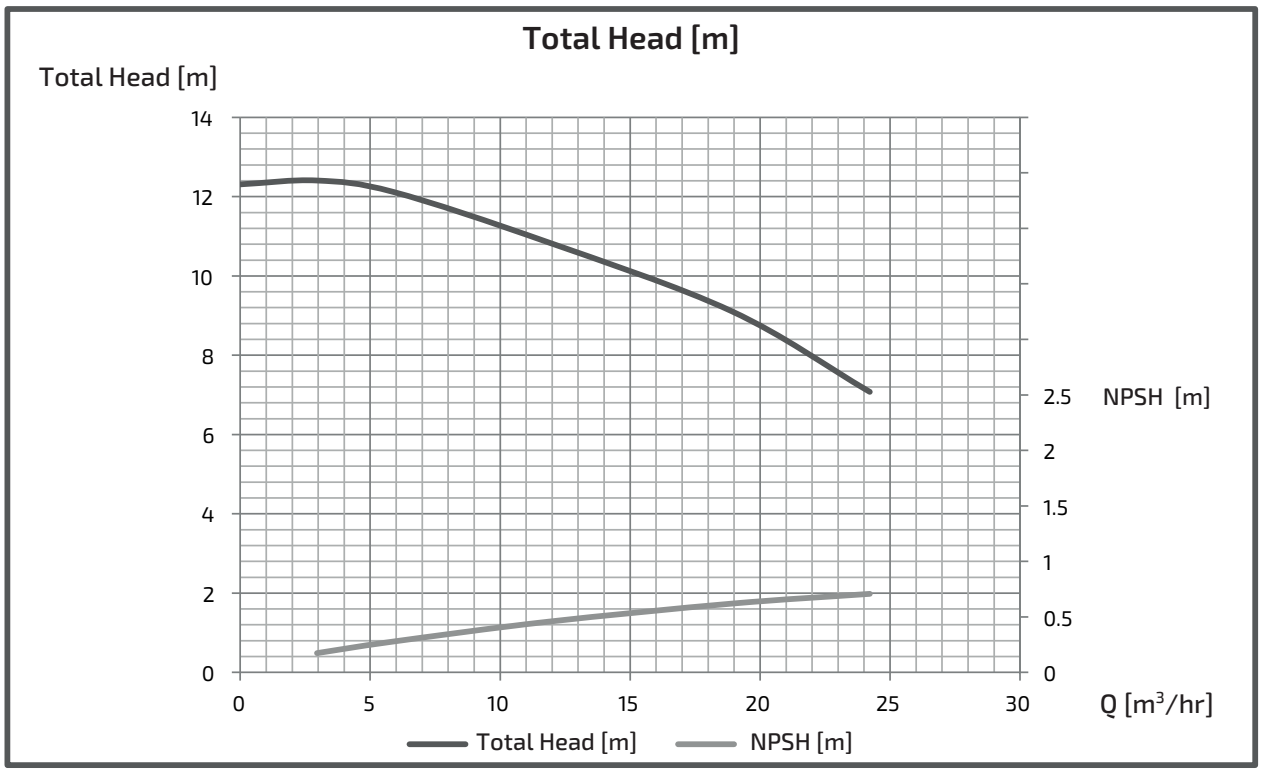


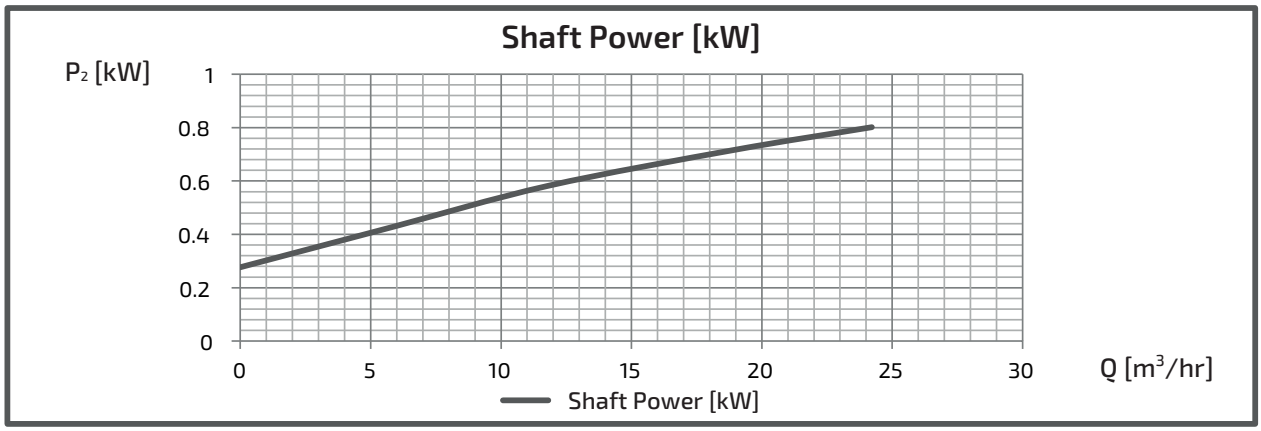


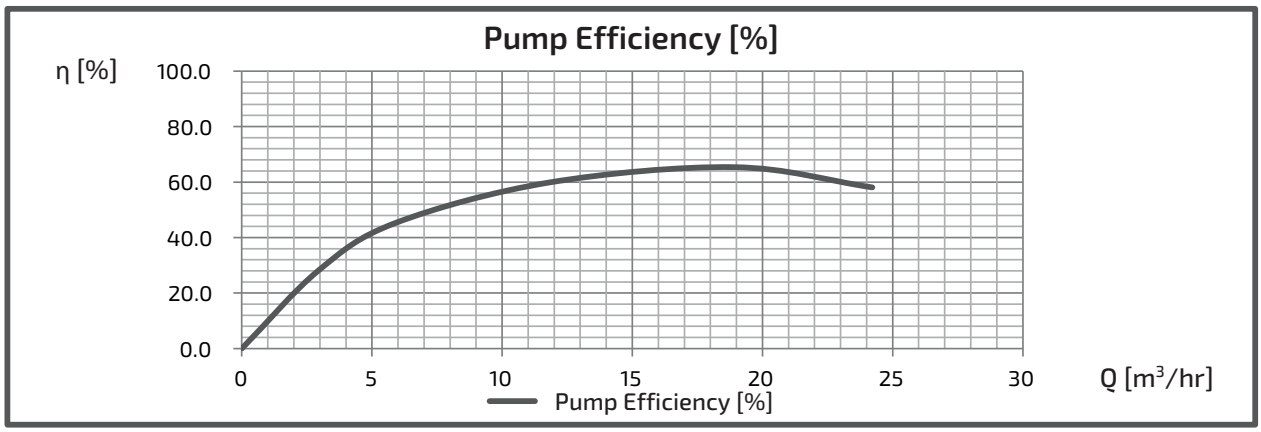
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK505M(G)4ME0.75

■ PERFORMANCE CURVES



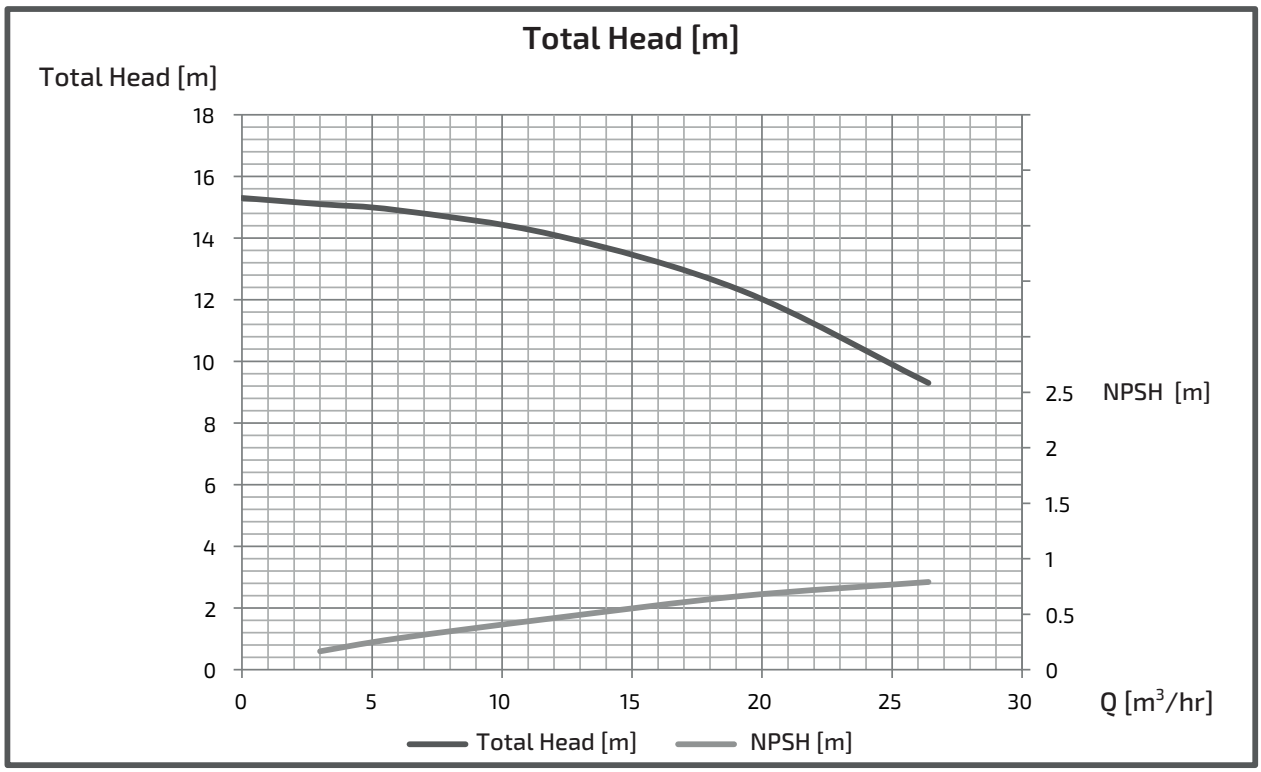


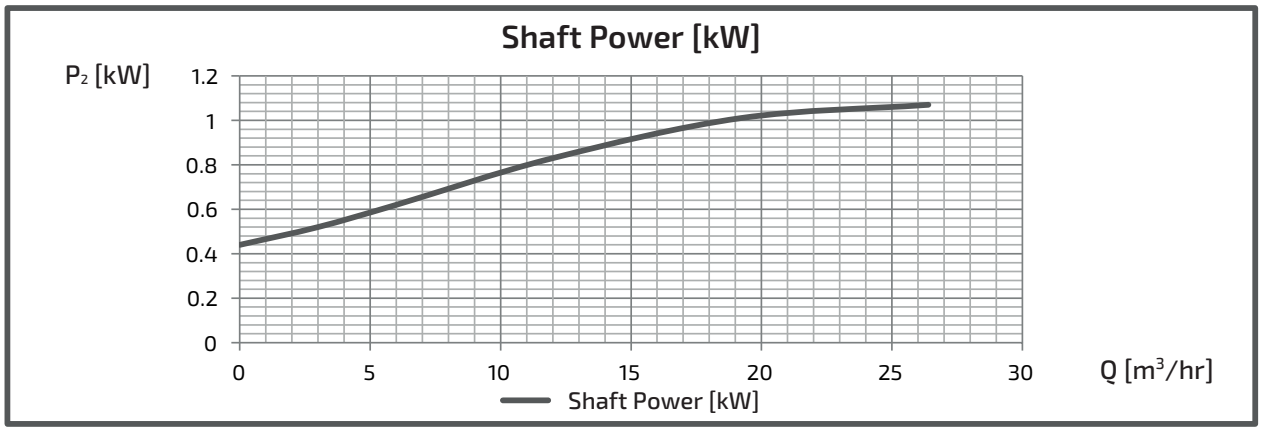


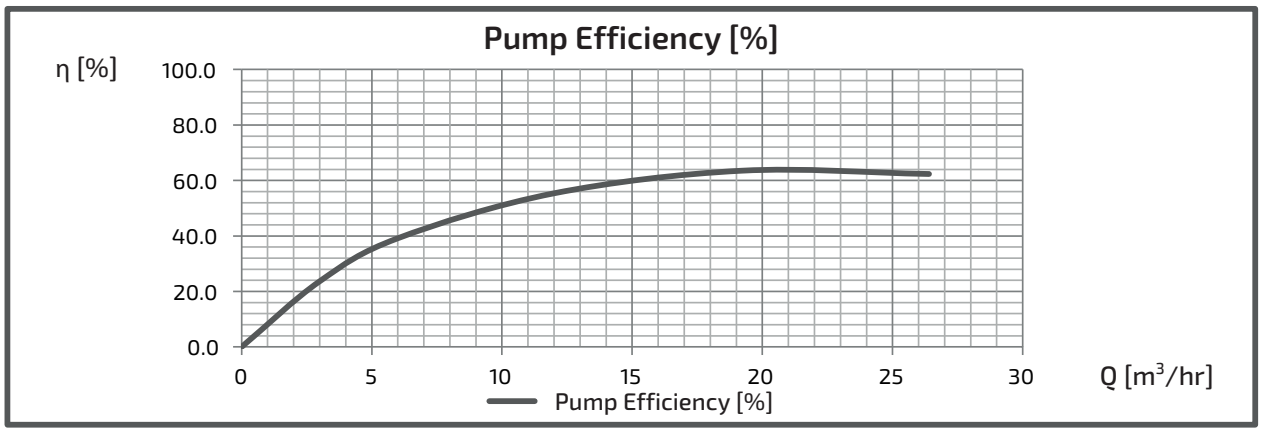
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK505M(G)4ME1.5

■ PERFORMANCE CURVES



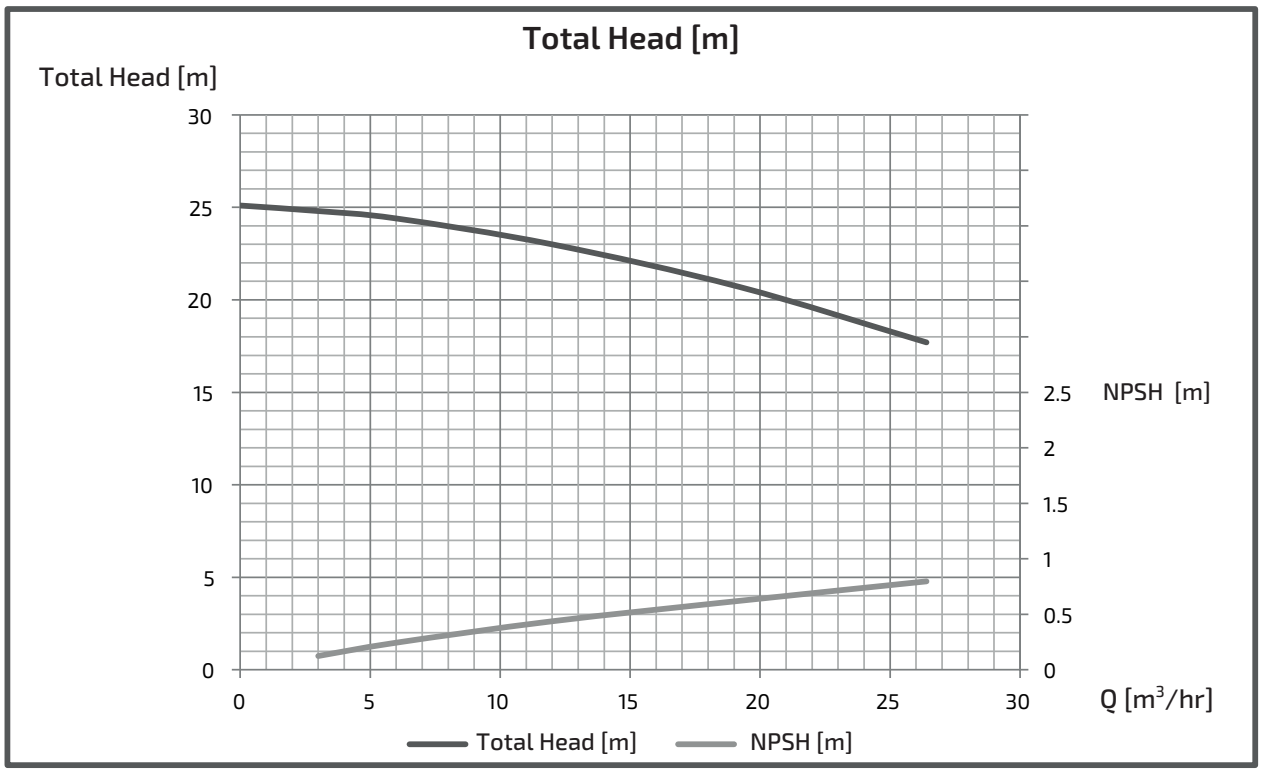


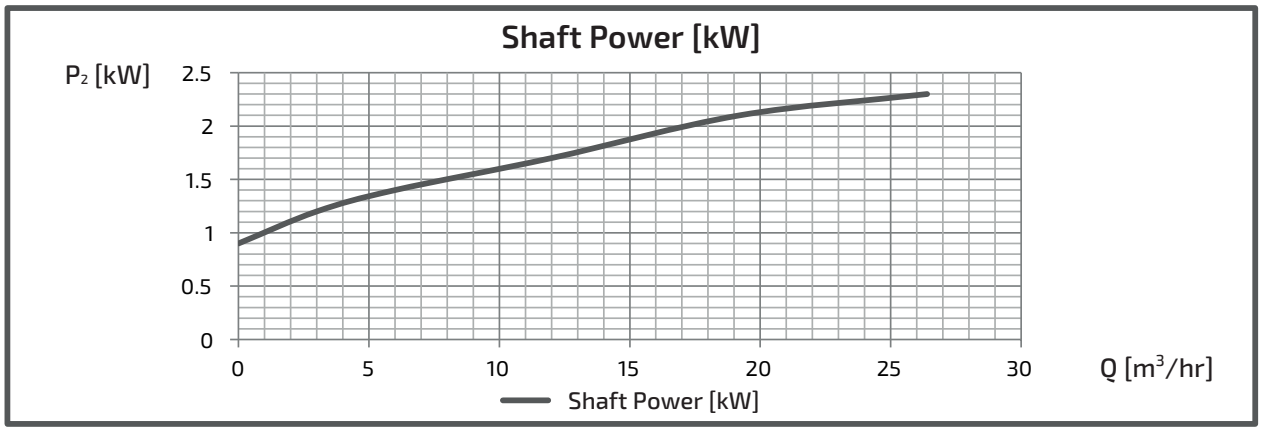


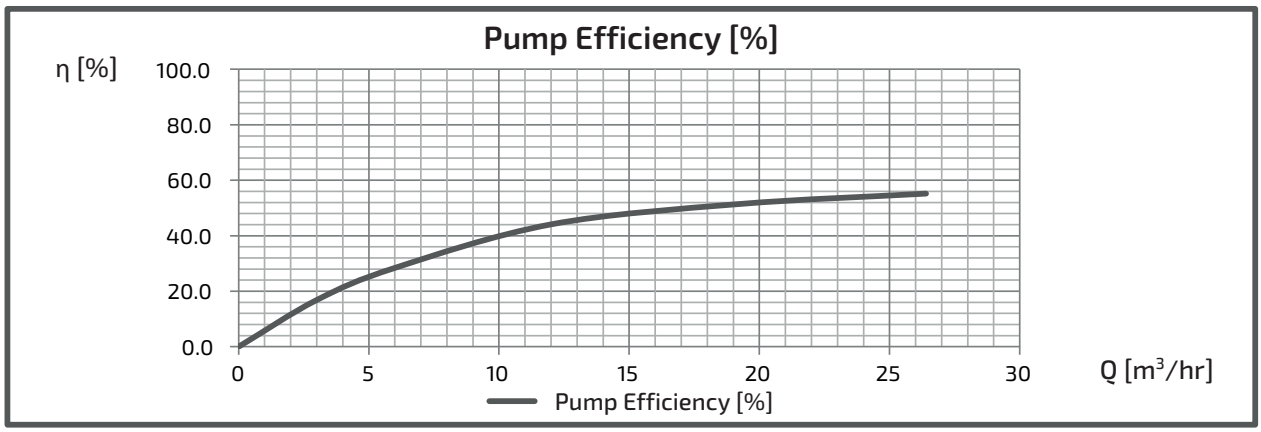
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL505M(G)4ME2.2

■ PERFORMANCE CURVES



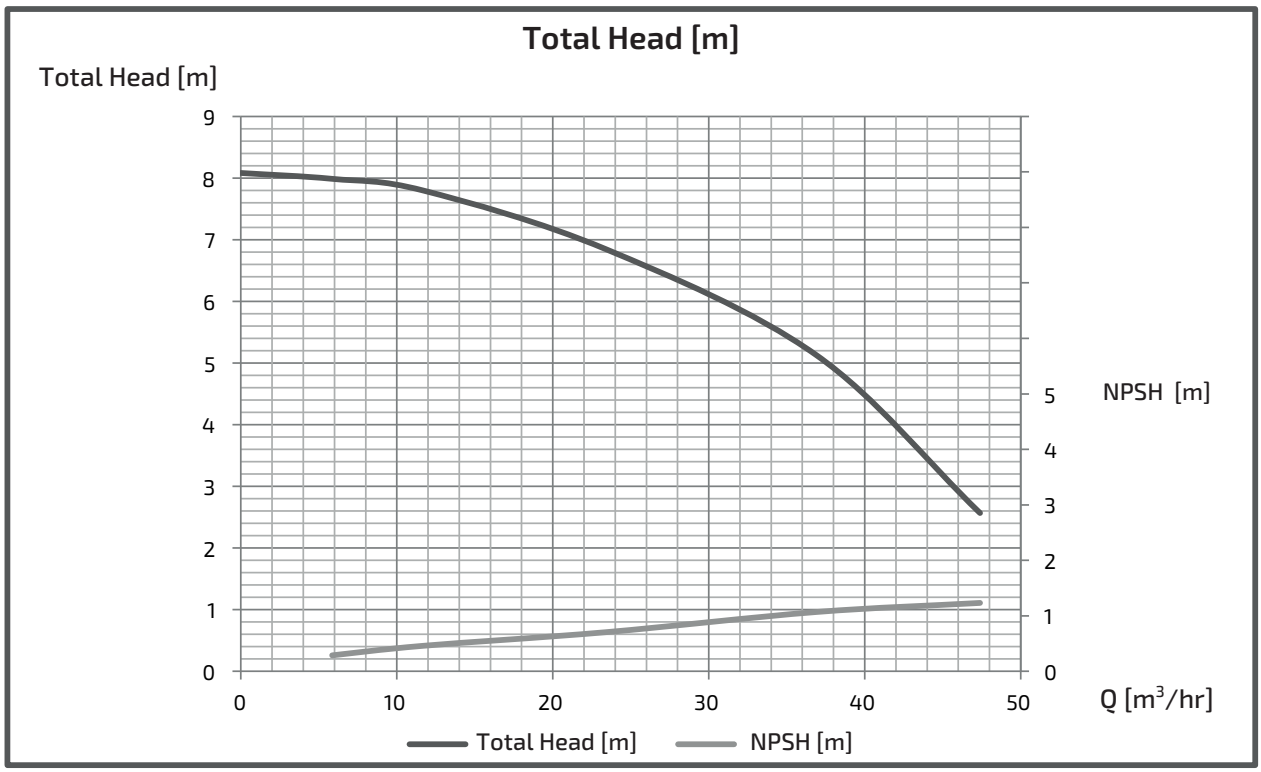


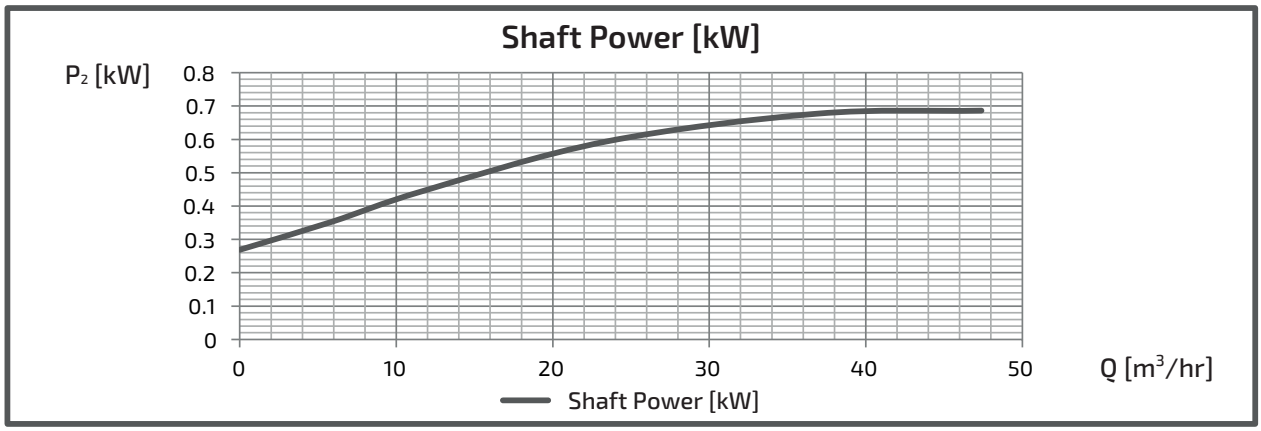


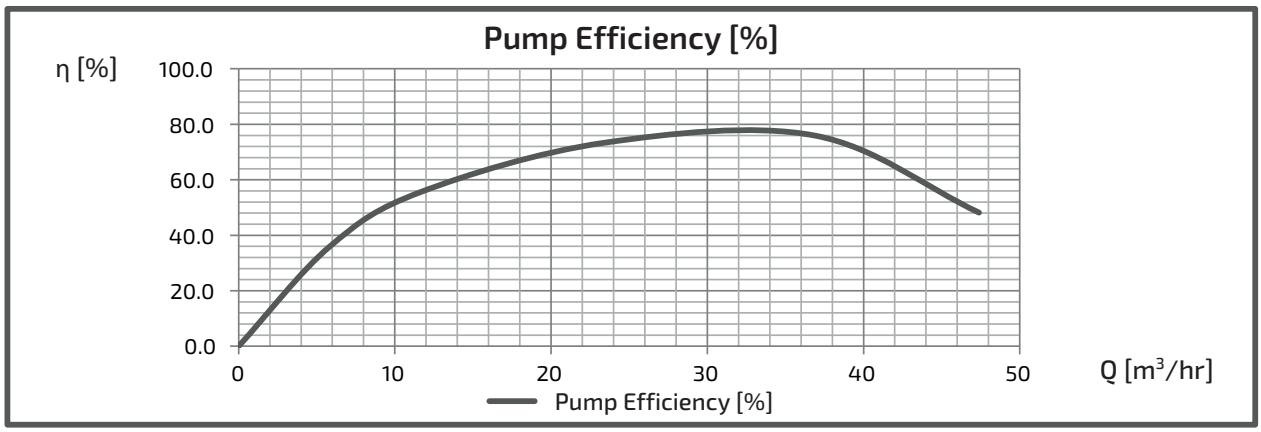
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ655M(G)4ME0.75

■ PERFORMANCE CURVES



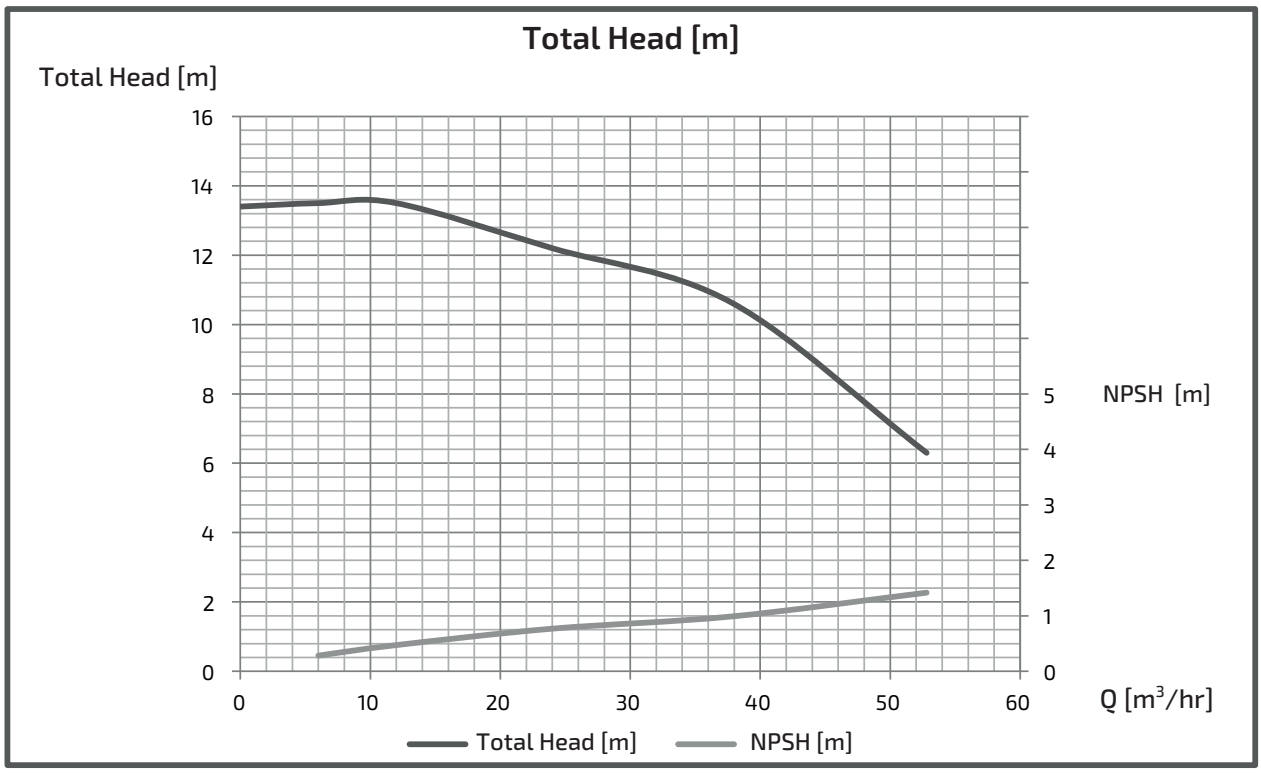


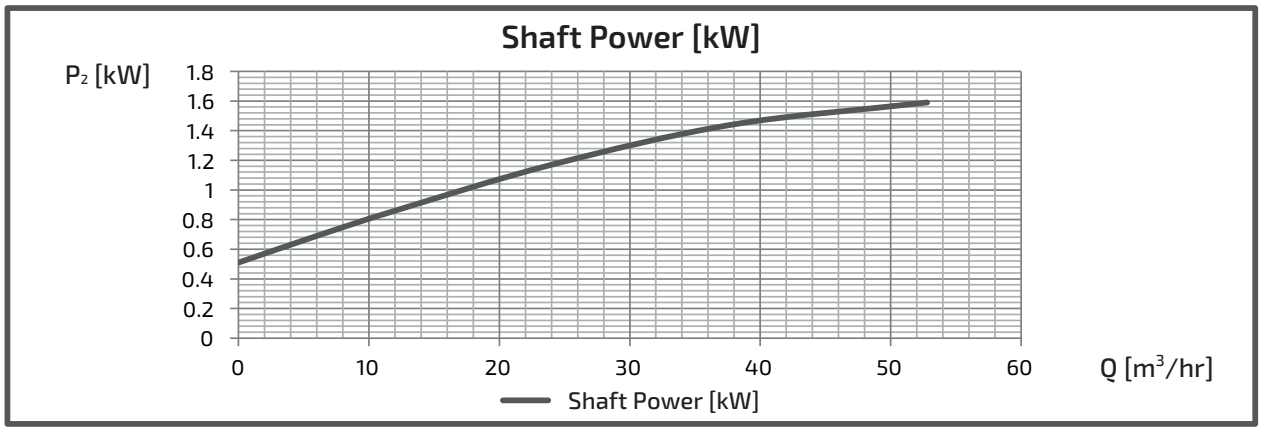


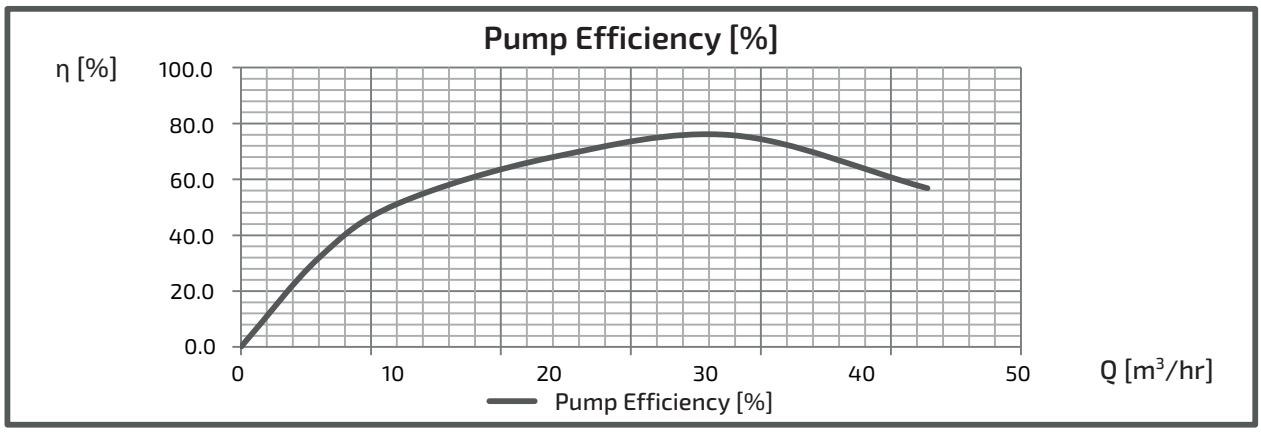
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK655M(G)4ME1.5

■ PERFORMANCE CURVES



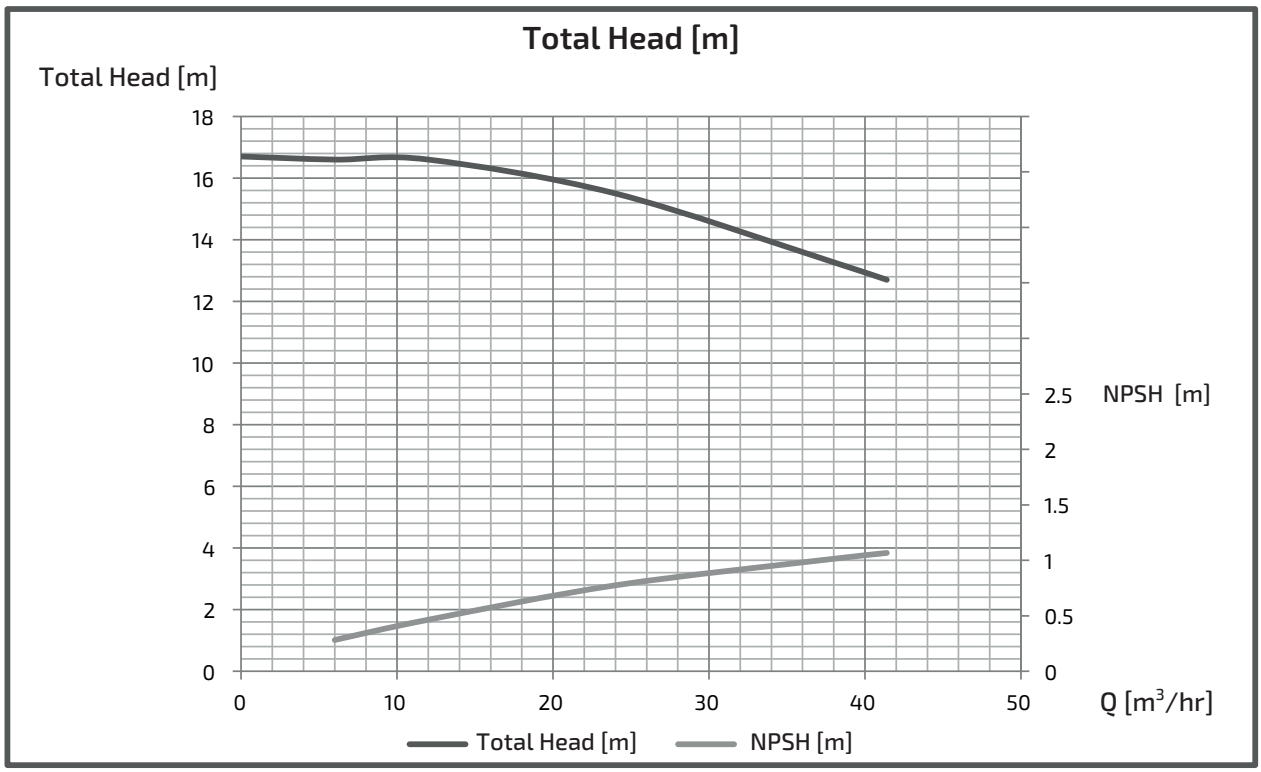


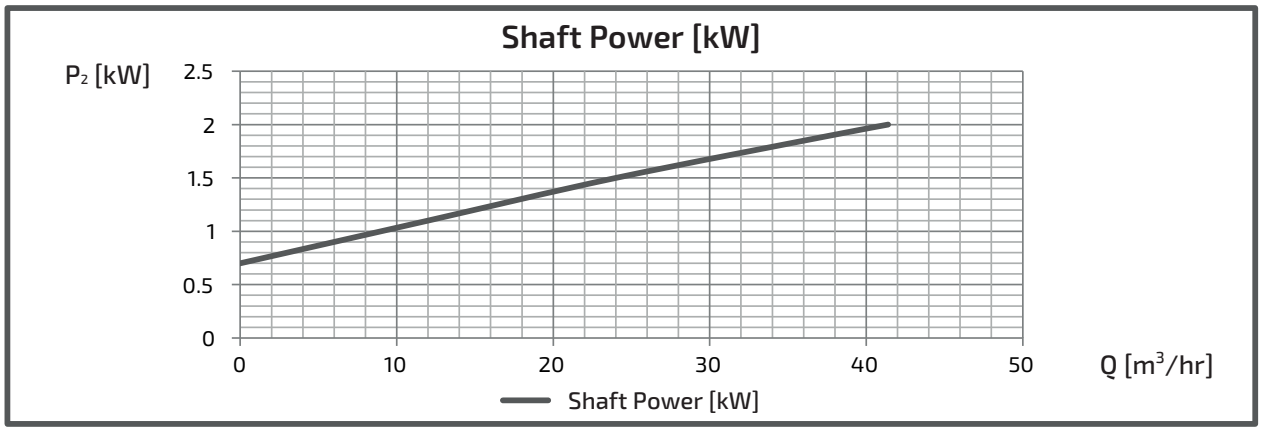


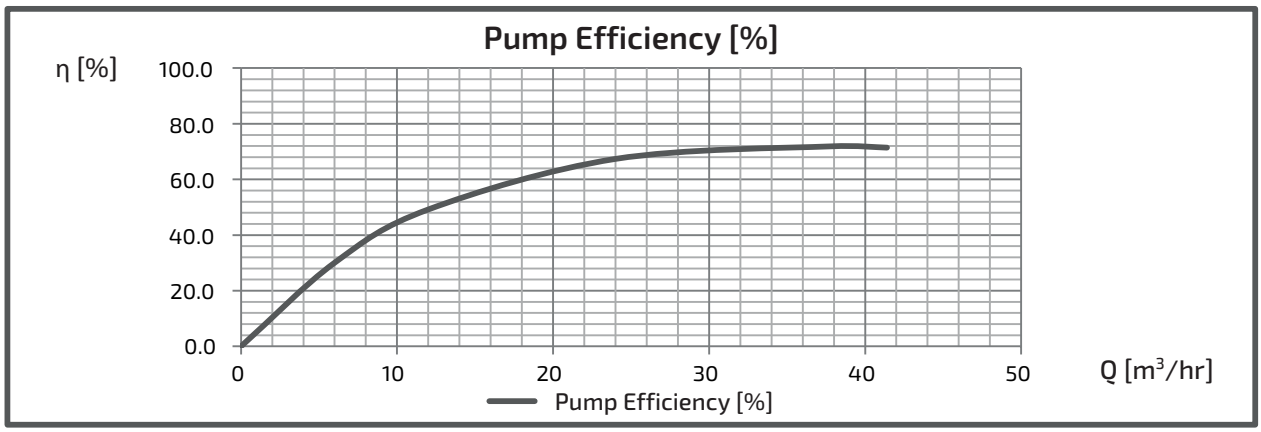
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK655M(G)4ME2.2

■ PERFORMANCE CURVES



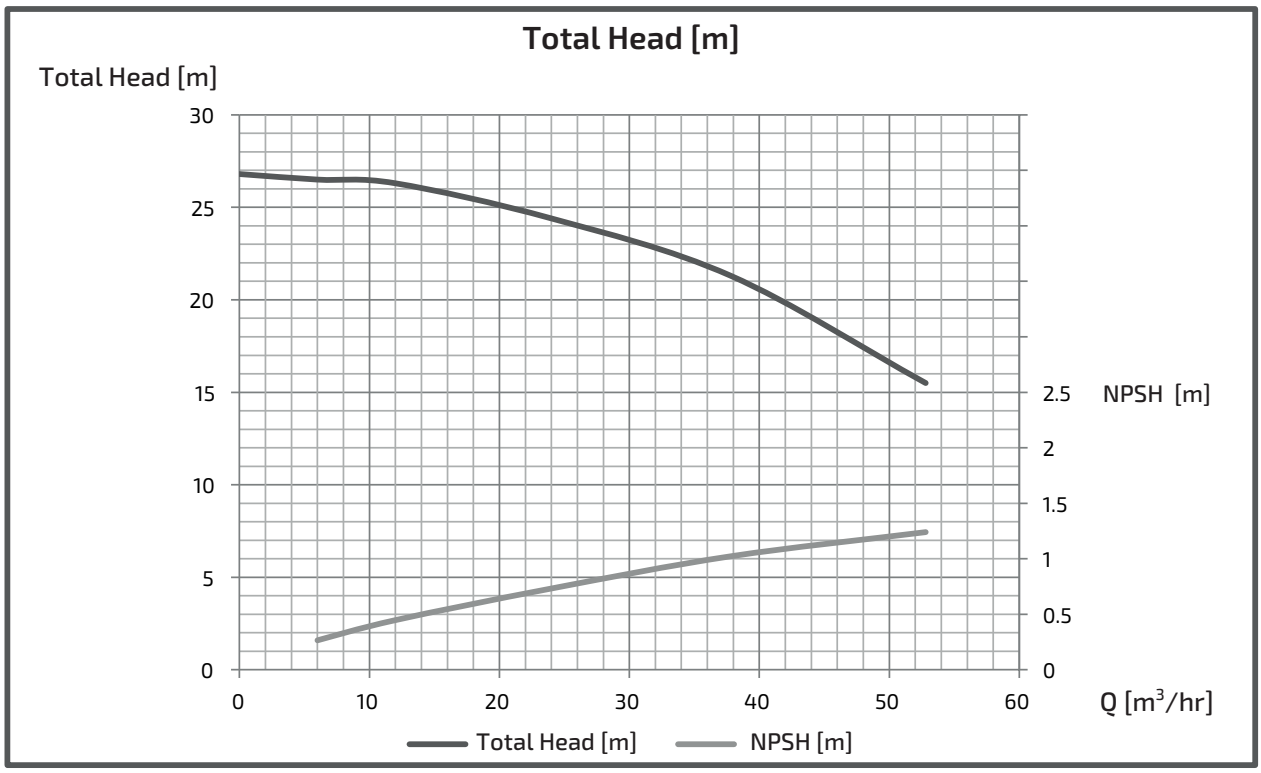


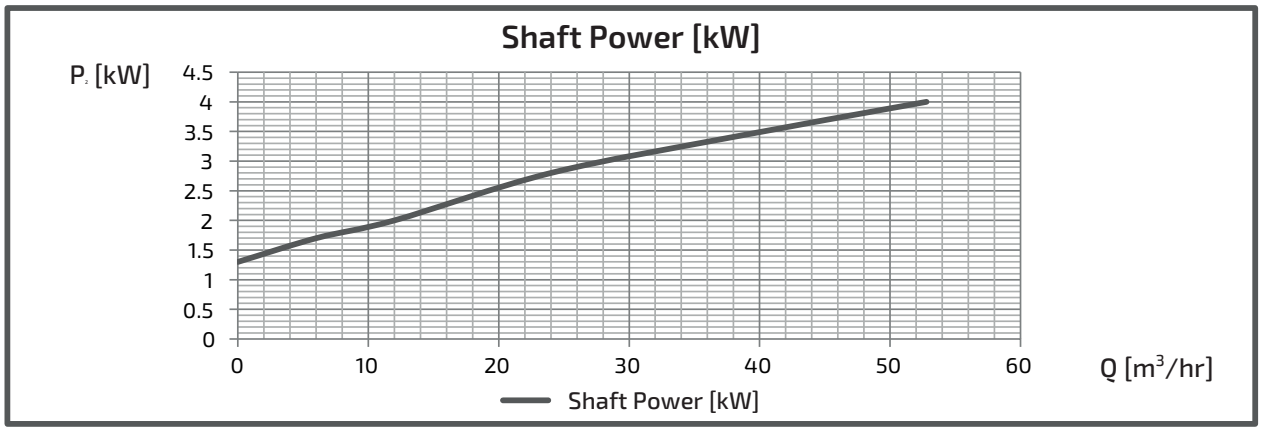


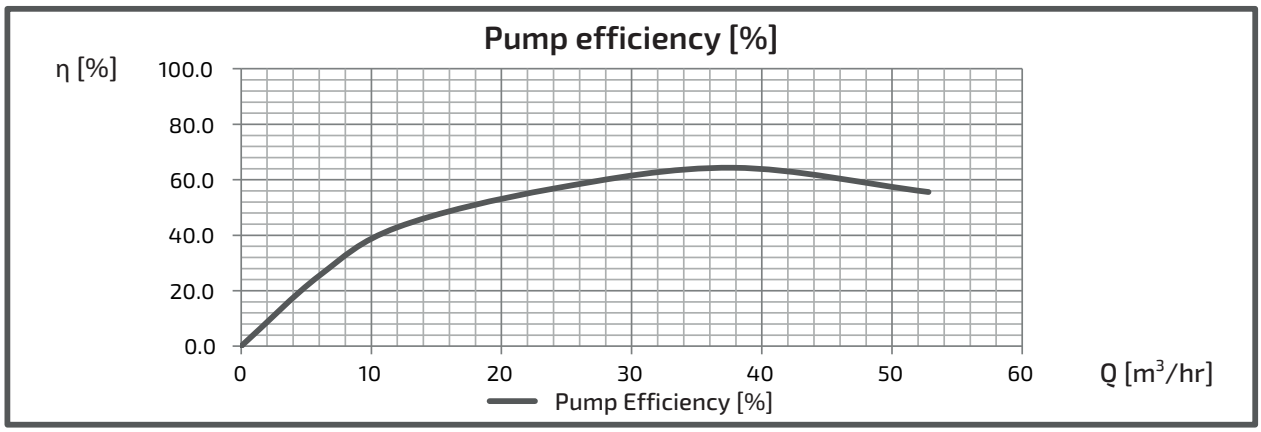
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL655M(G)4ME3.7

■ PERFORMANCE CURVES



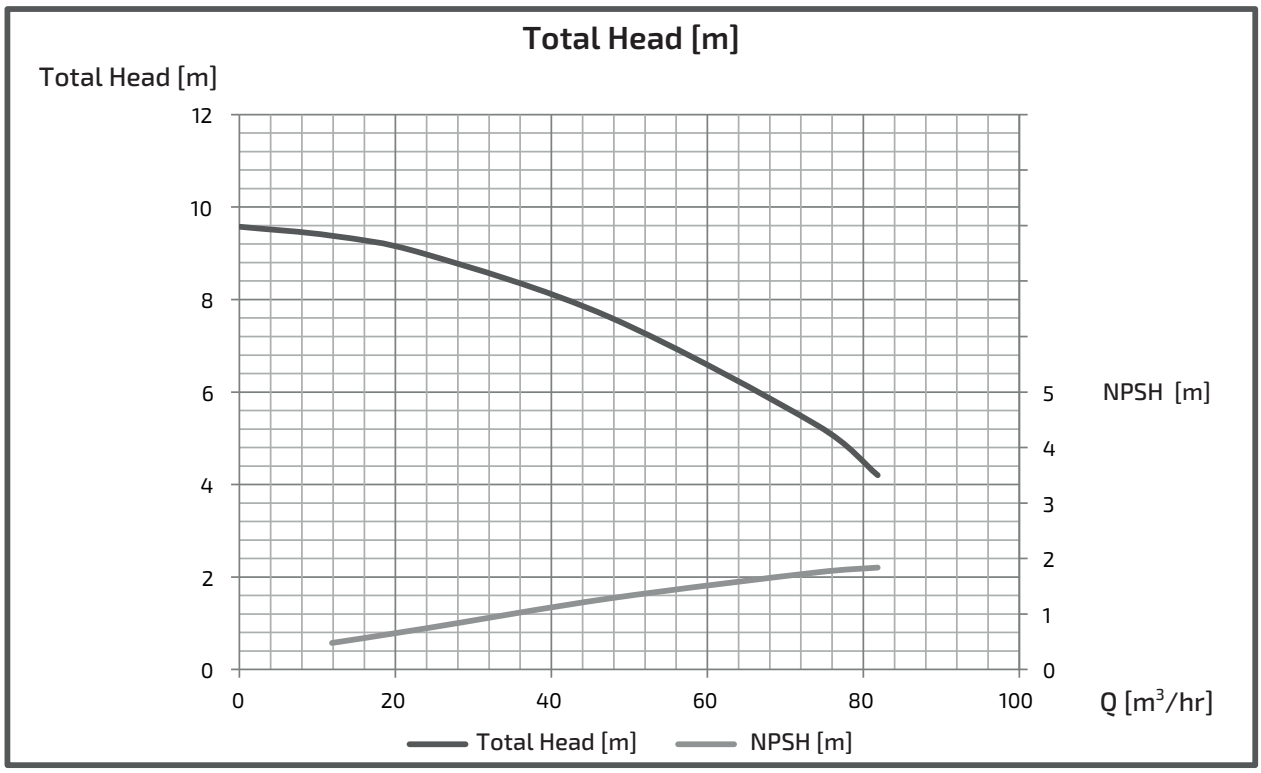


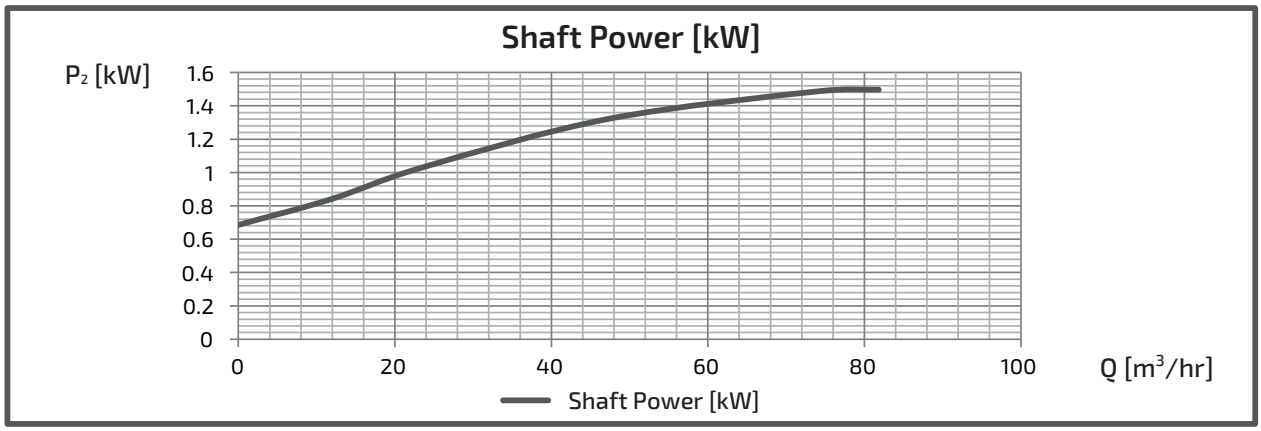


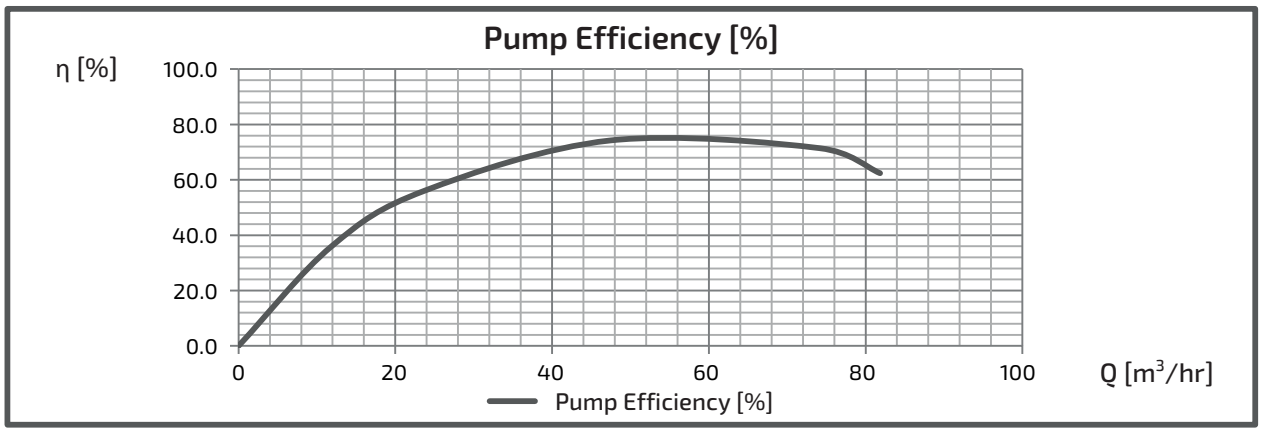
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ805M(G)4ME1.5

■ PERFORMANCE CURVES



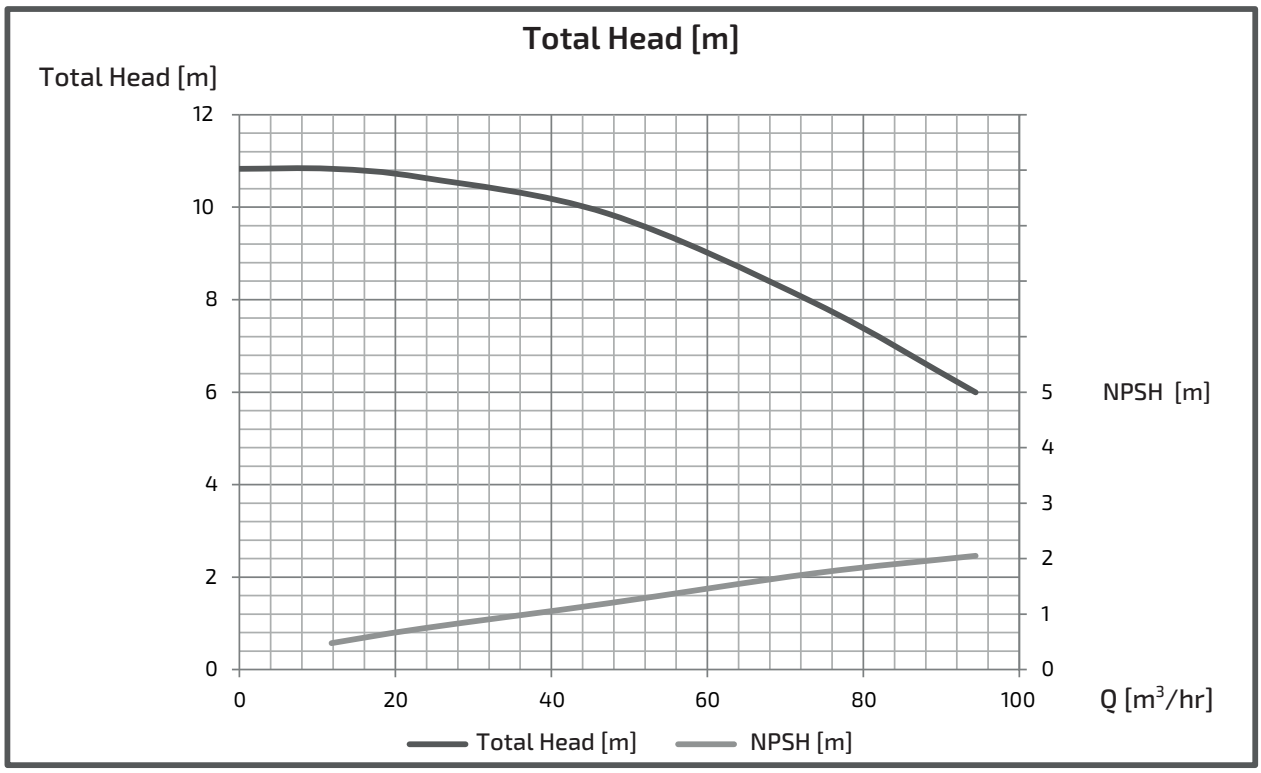


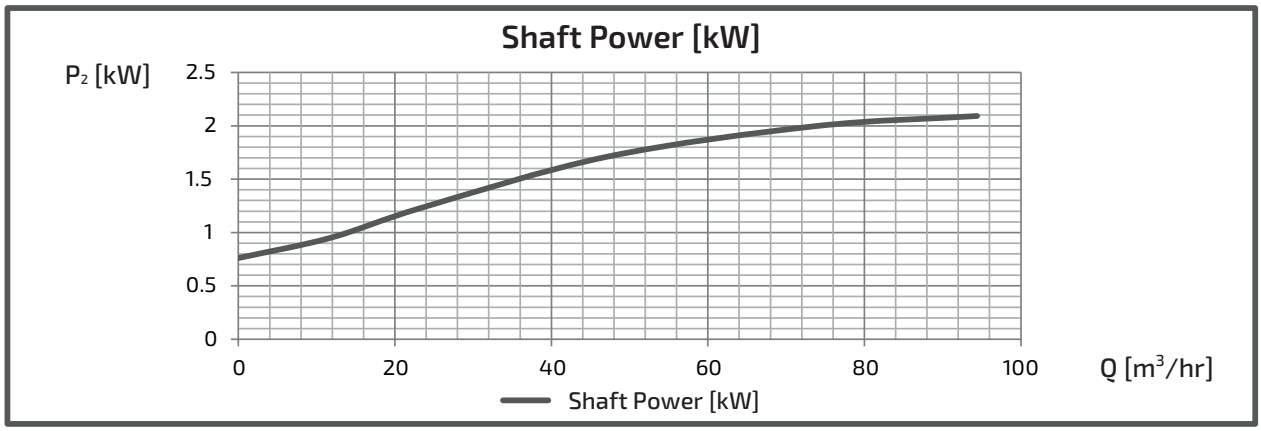


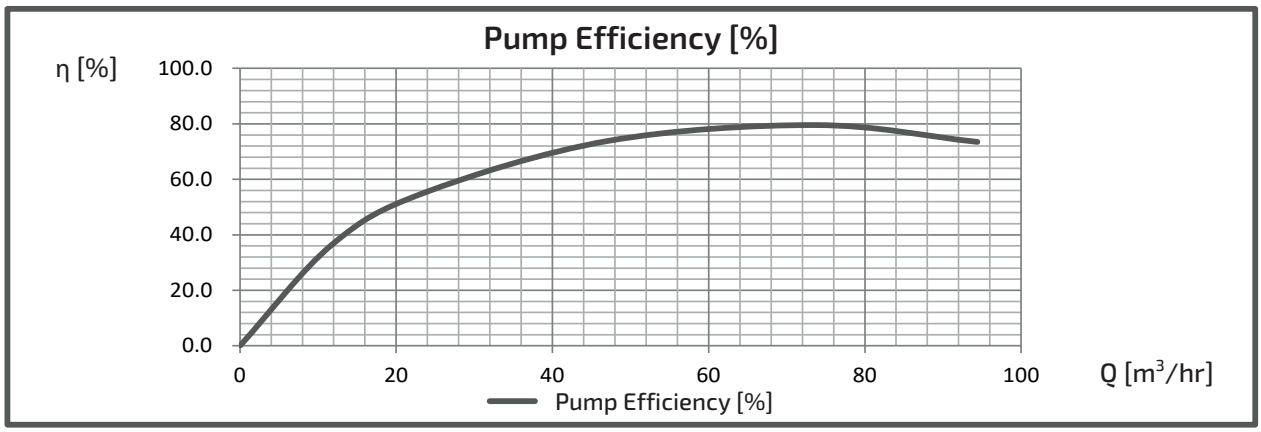
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEJ805M(G)4ME2.2

■ PERFORMANCE CURVES



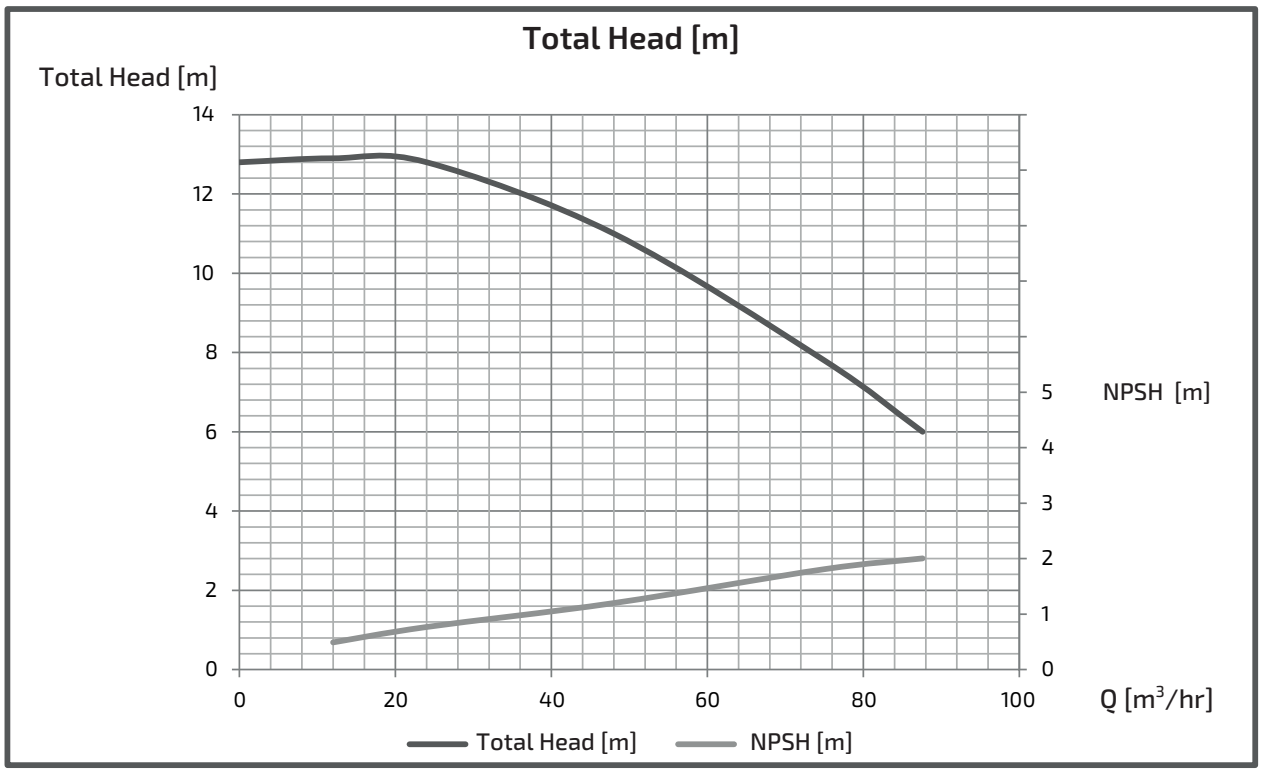


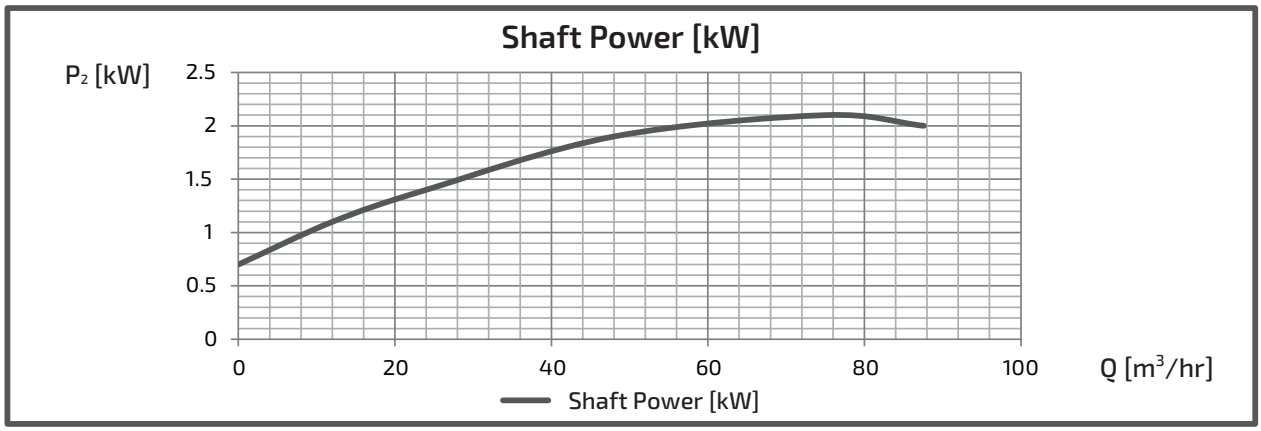


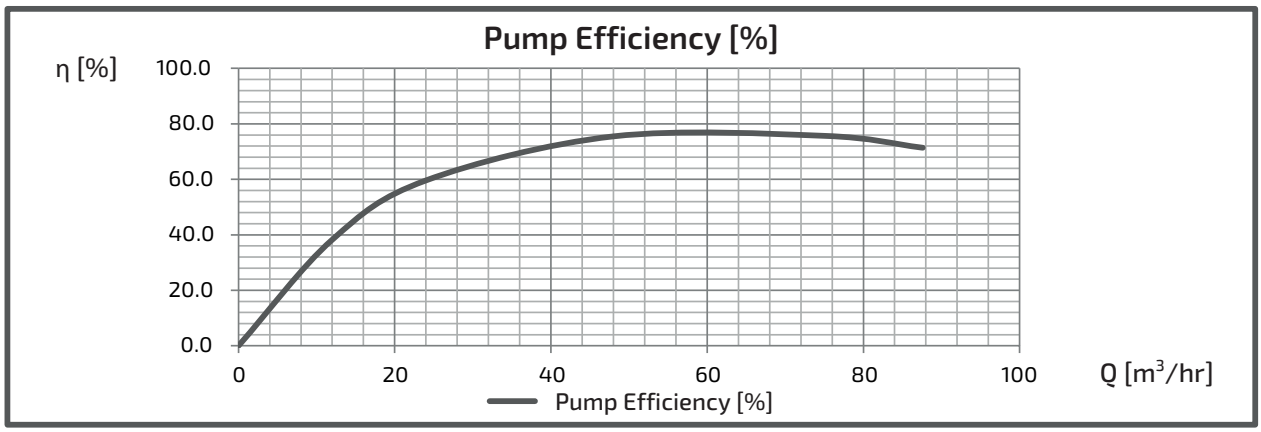
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK805M(G)4ME2.2

■ PERFORMANCE CURVES



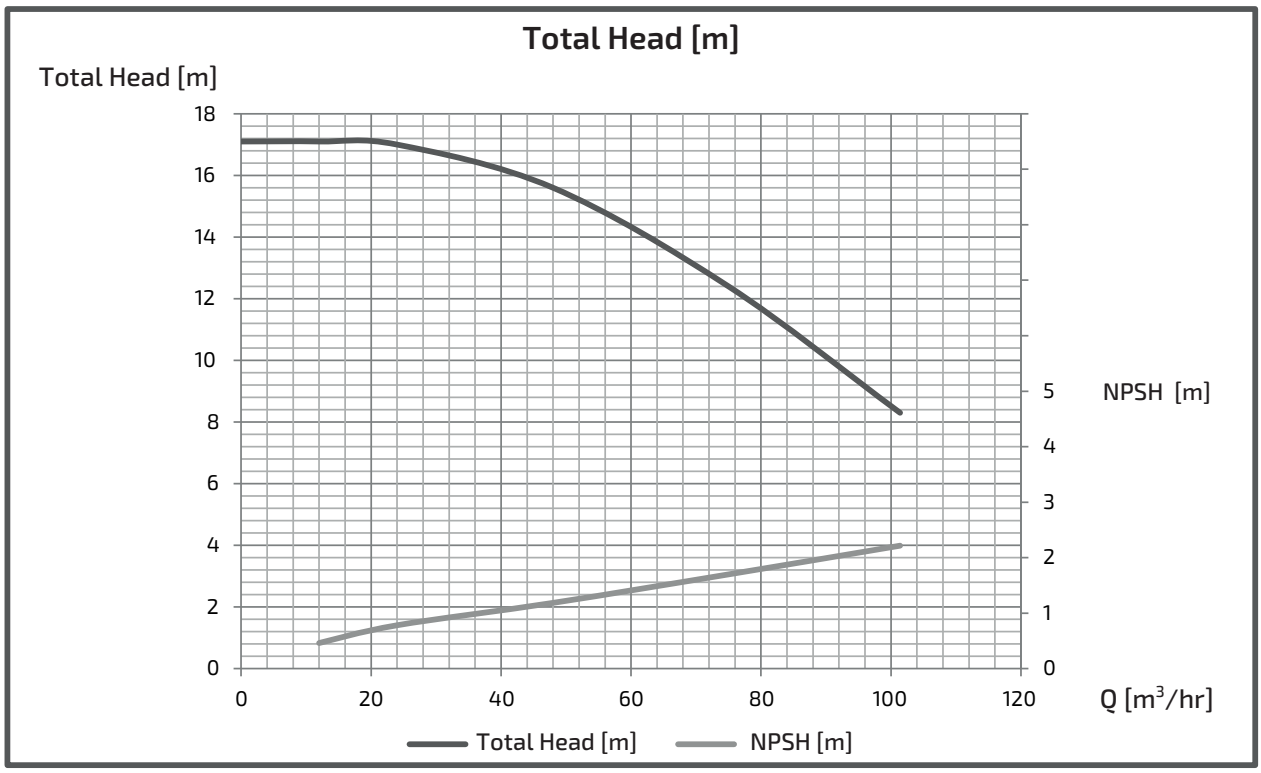


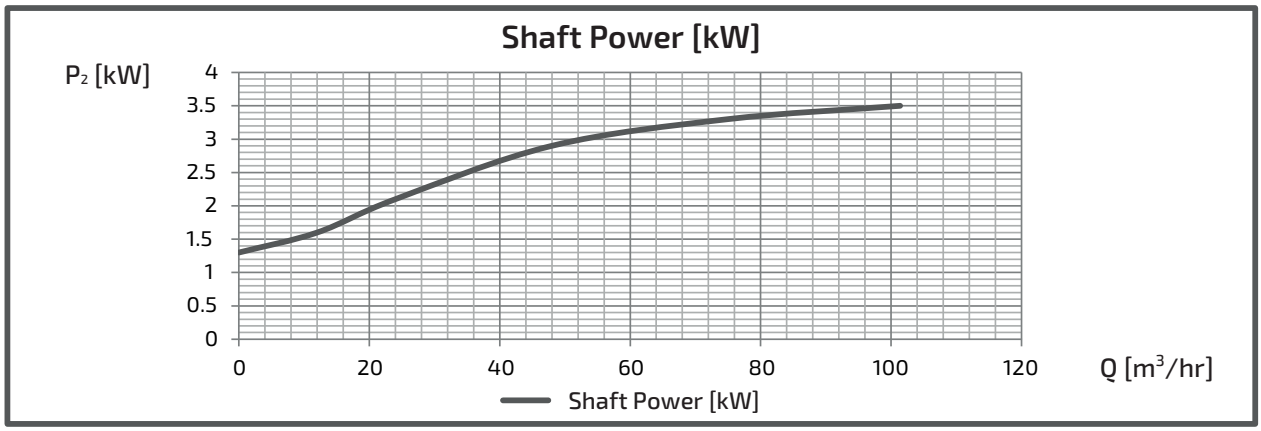


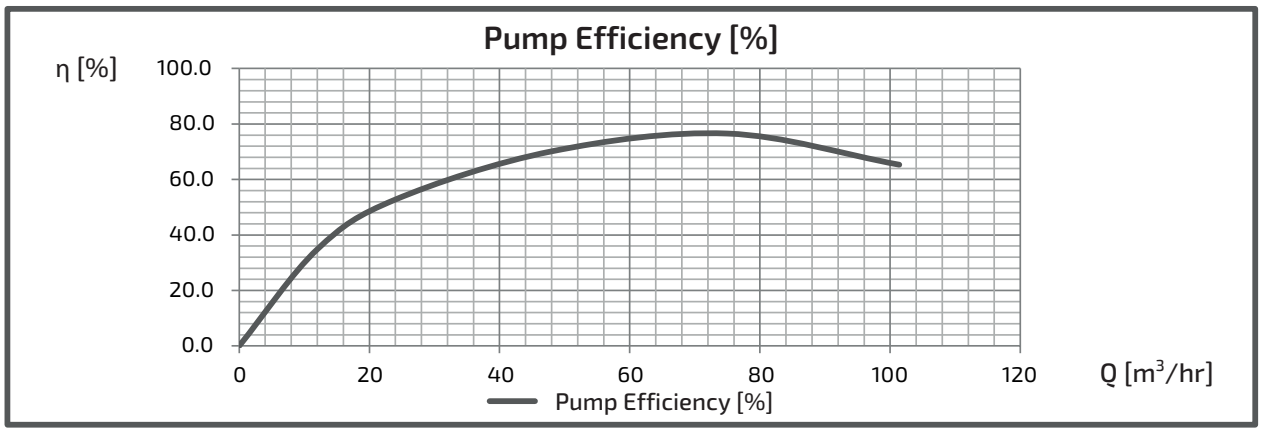
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK805M(G)4ME3.7

■ PERFORMANCE CURVES



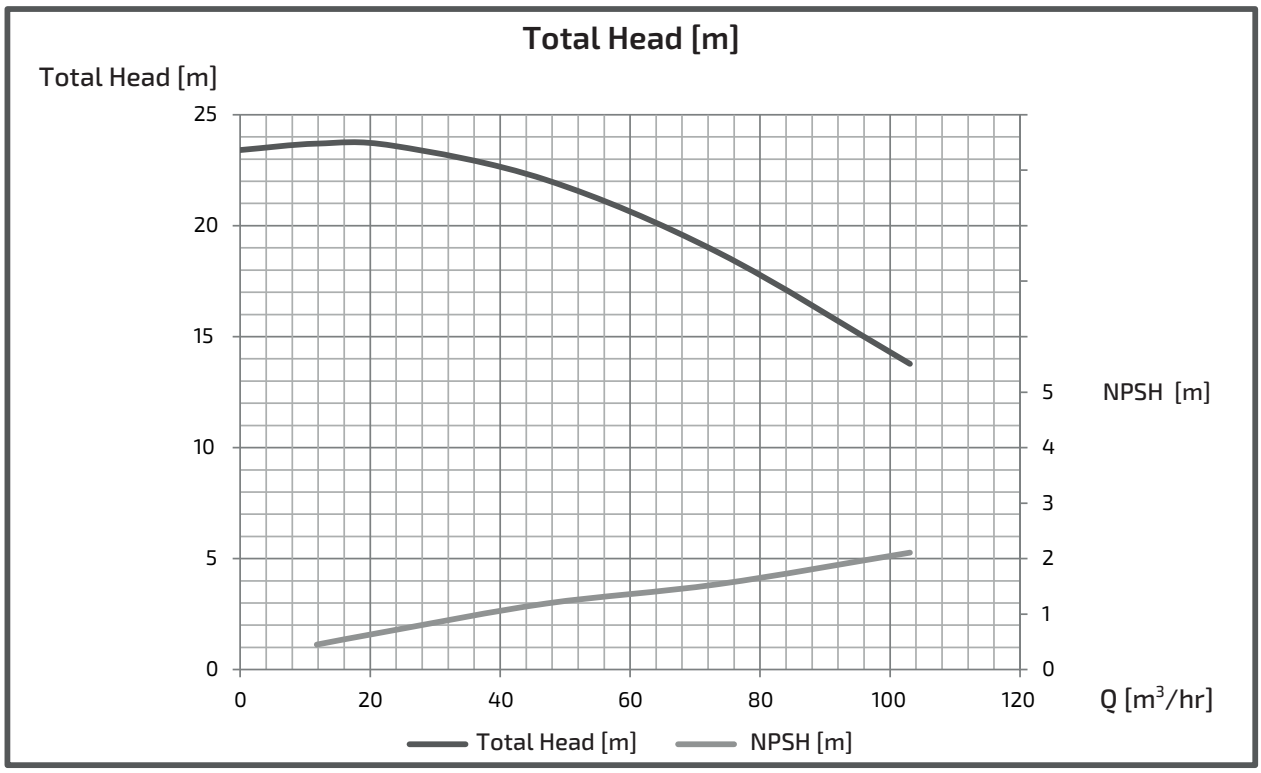


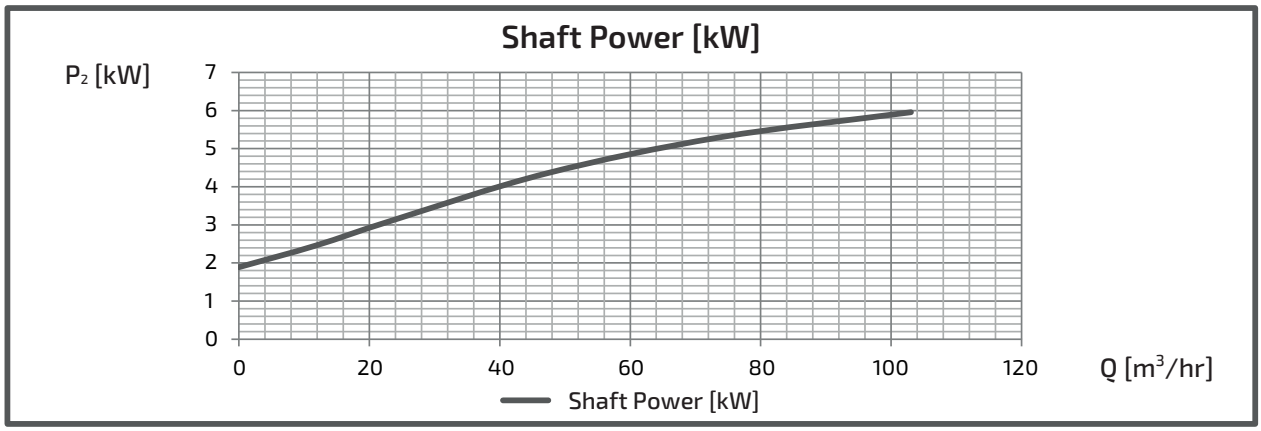


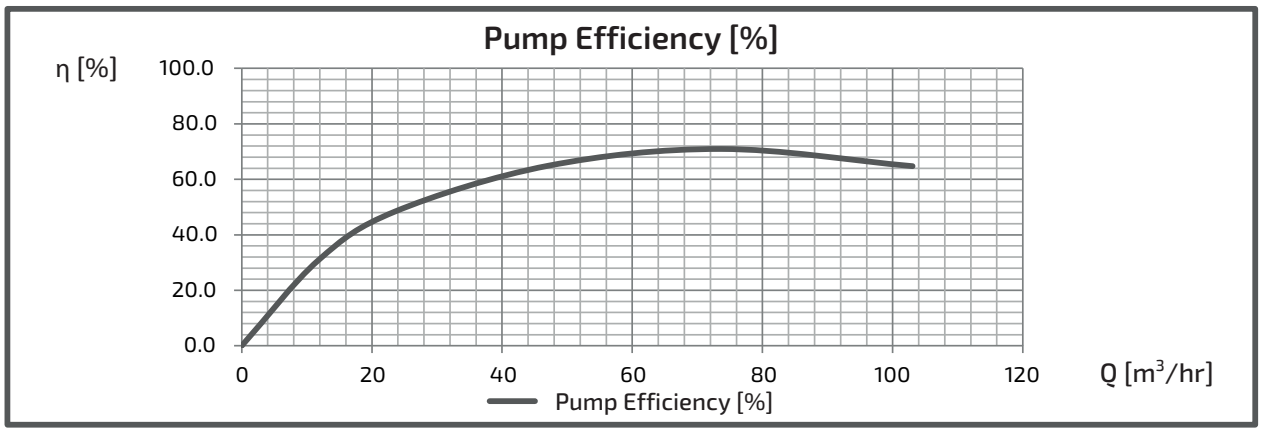
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL805M(G)4ME5.5

■ PERFORMANCE CURVES



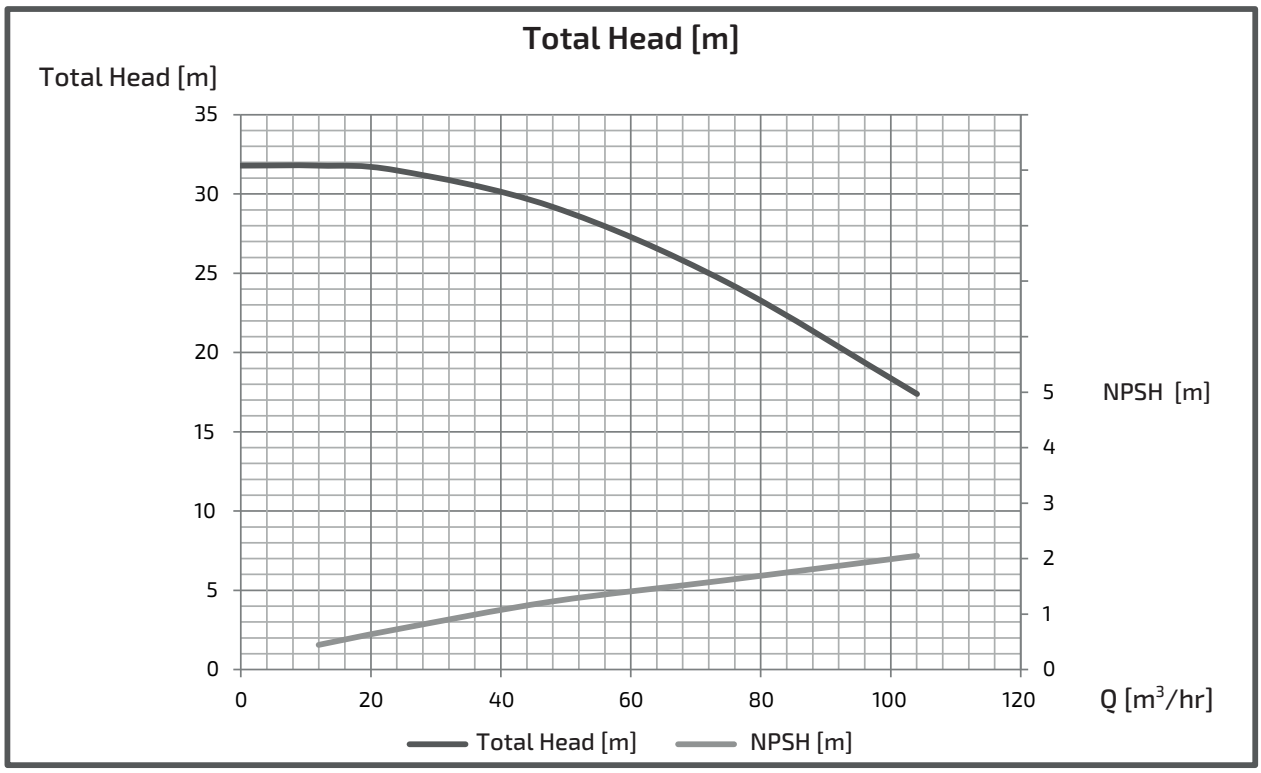


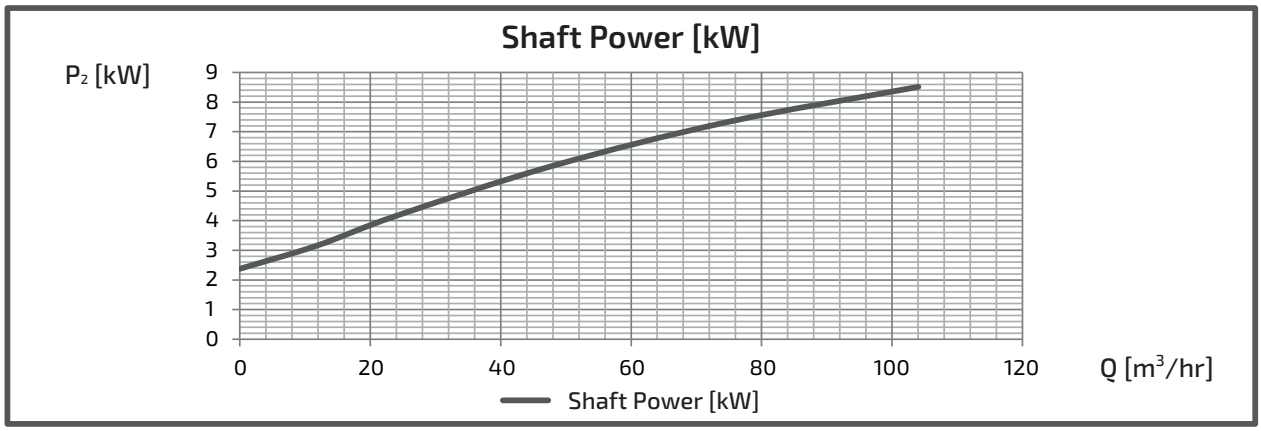


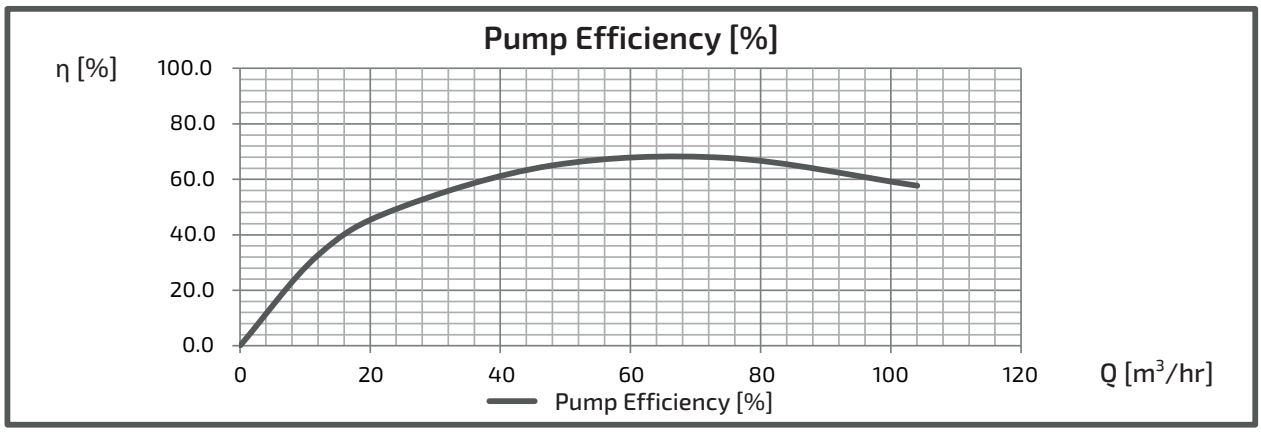
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM805M(G)4ME7.5

■ PERFORMANCE CURVES



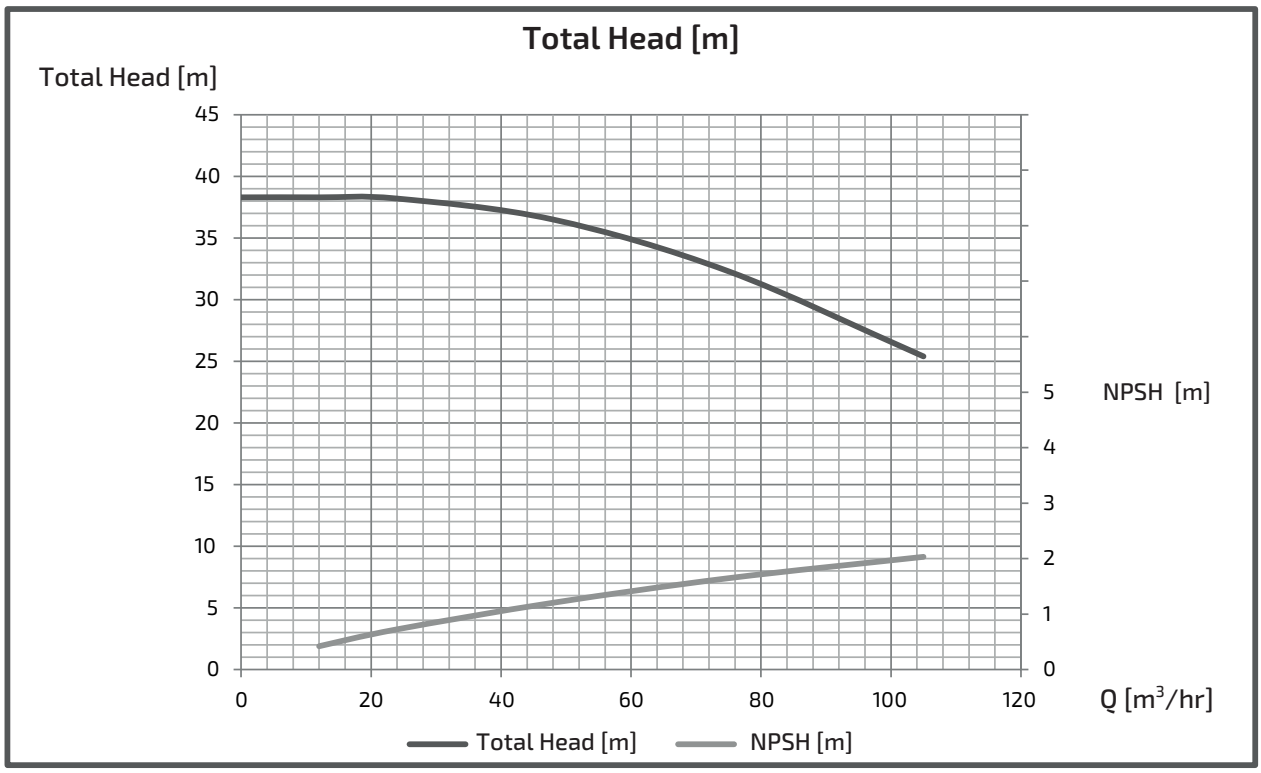


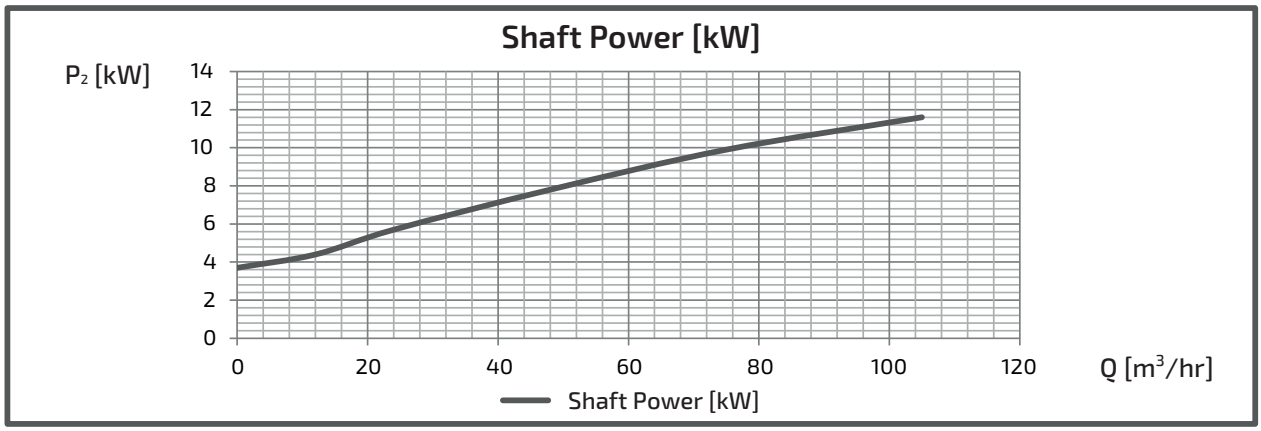


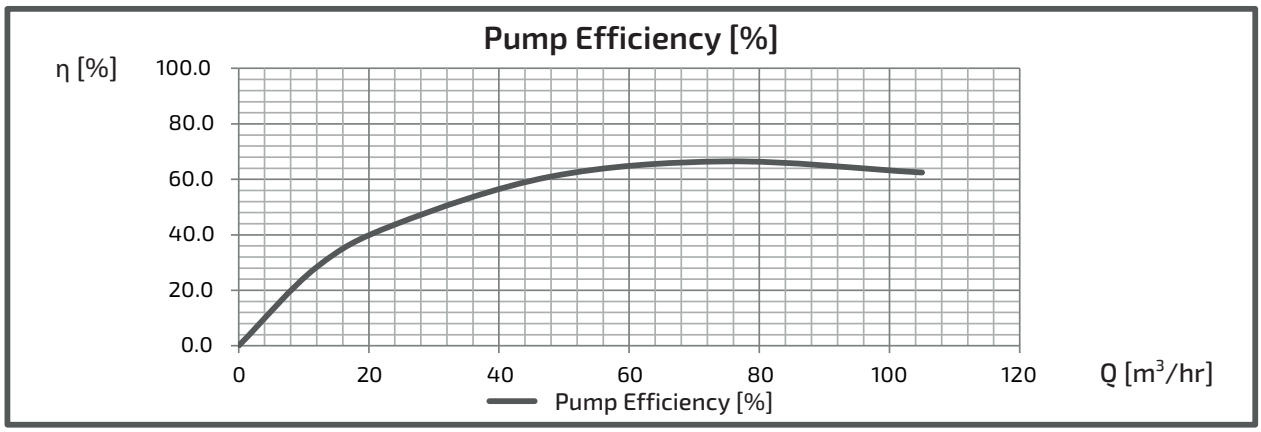
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM805M(G)4ME11

■ PERFORMANCE CURVES



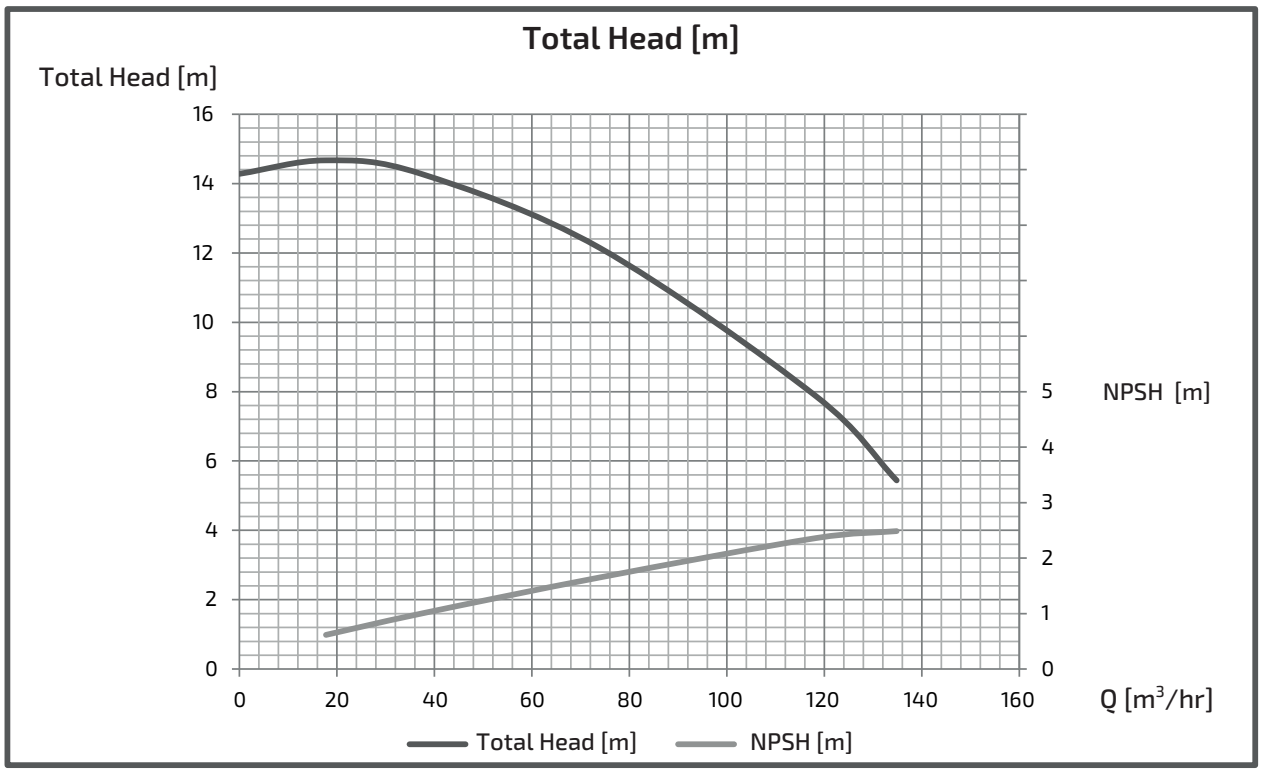


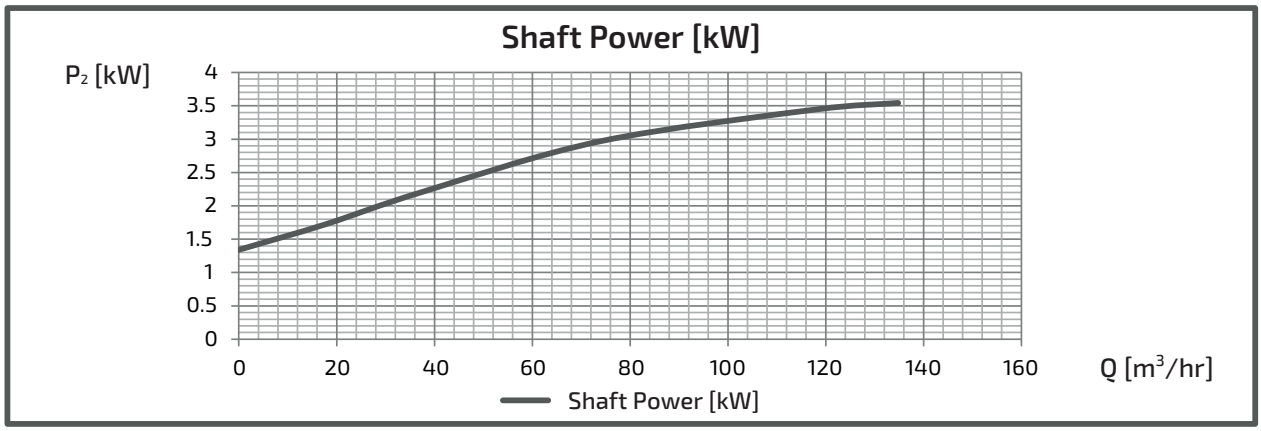


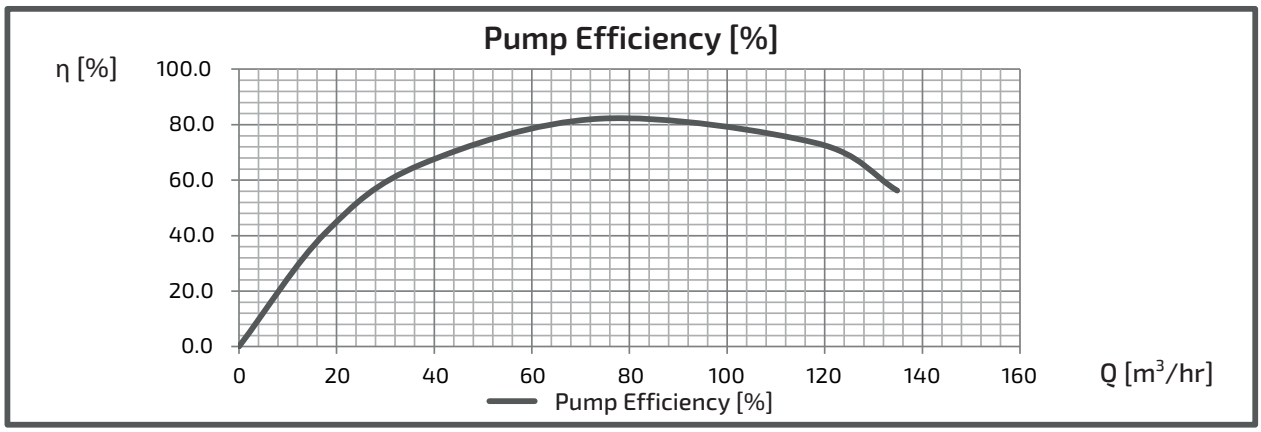
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK1005M(G)4ME3.7

■ PERFORMANCE CURVES



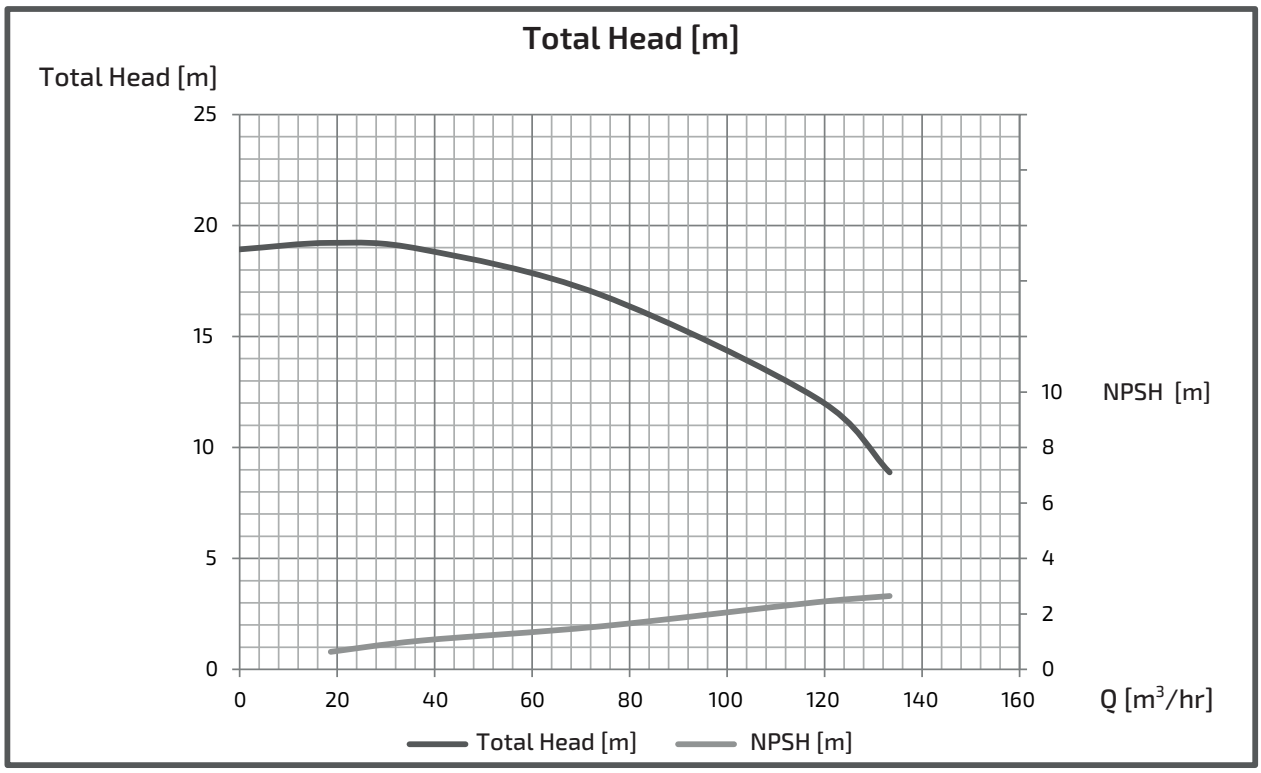


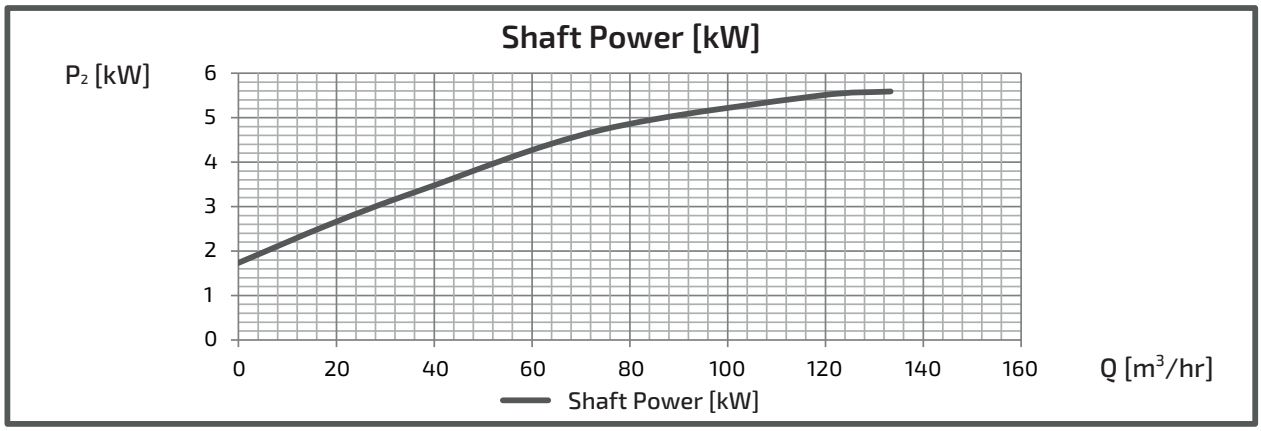


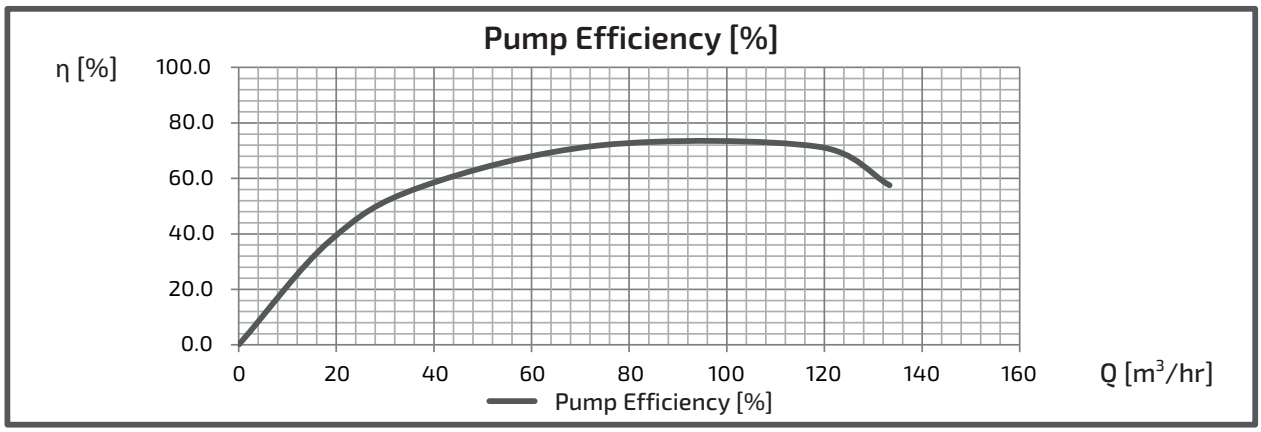
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1005M(G)4ME5.5

■ PERFORMANCE CURVES



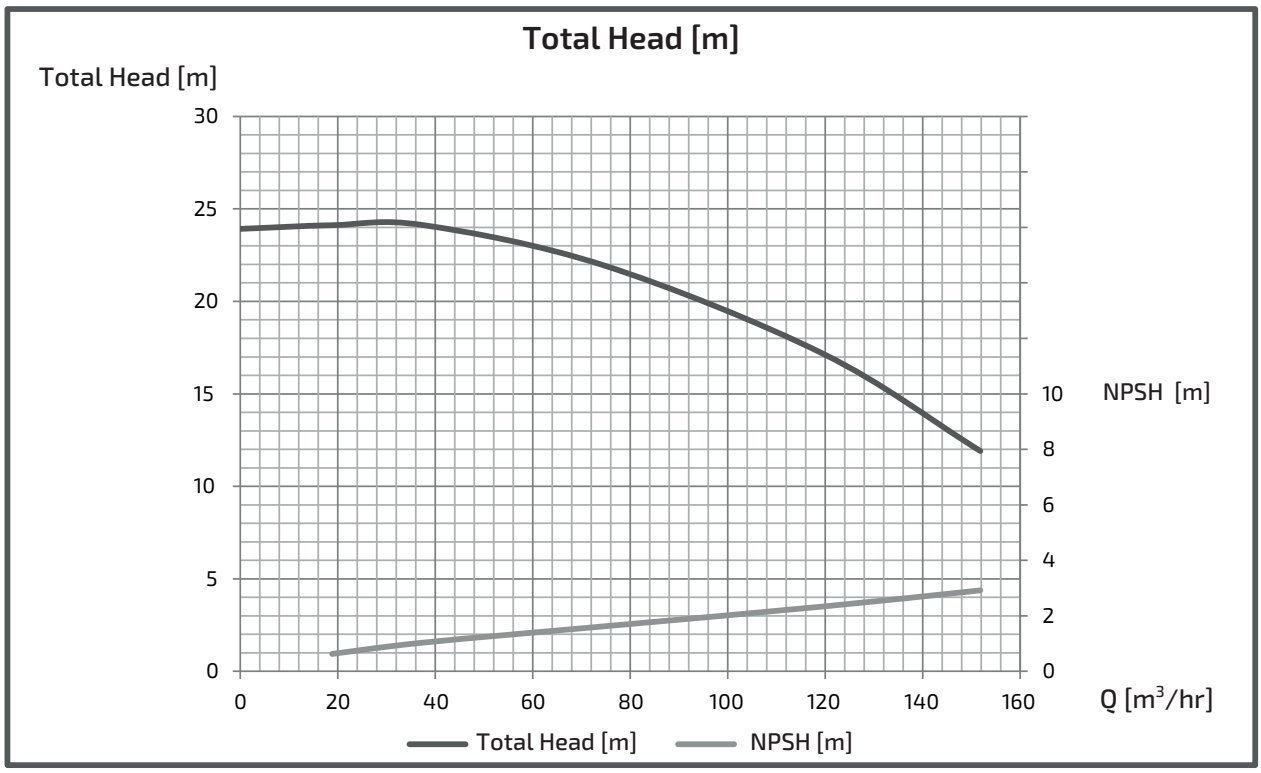


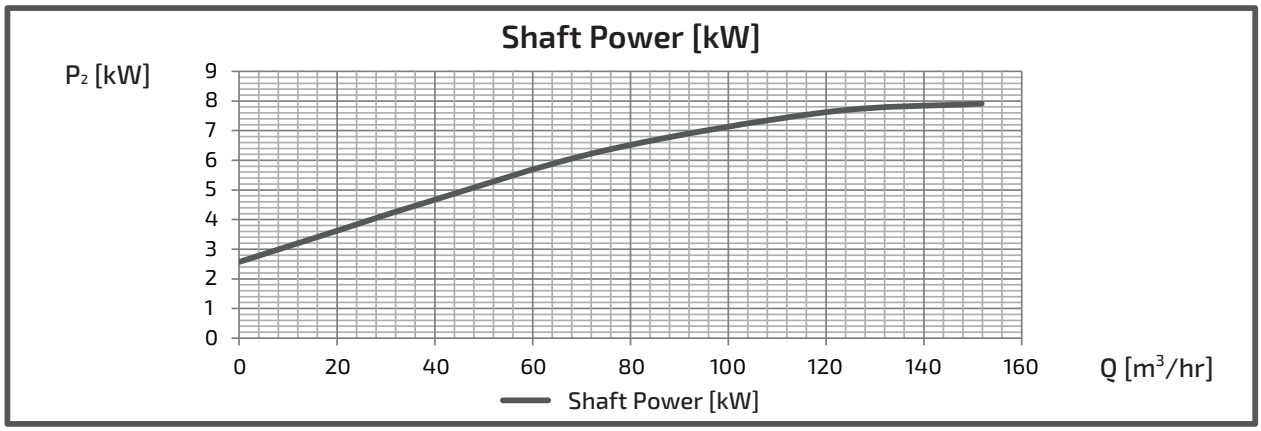


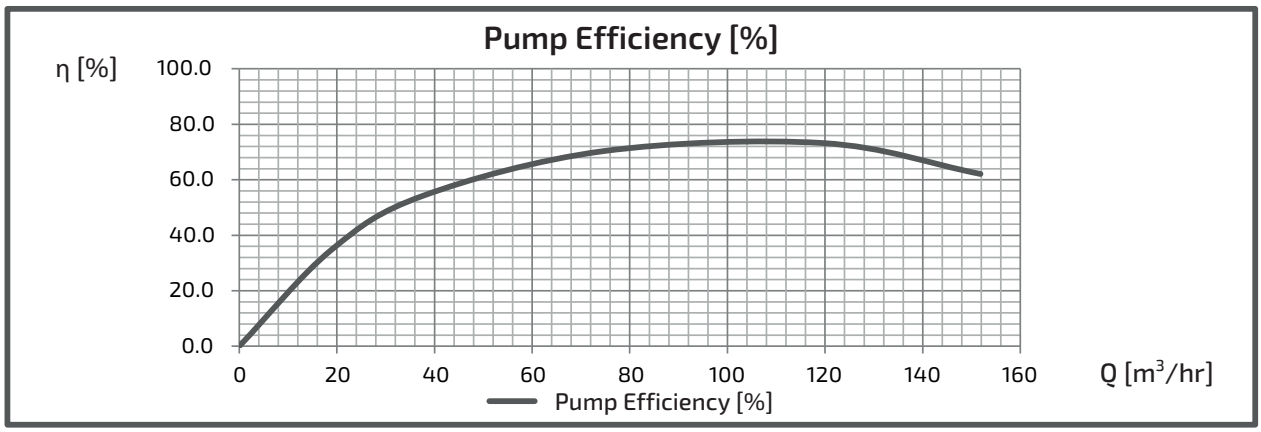
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1005M(G)4ME7.5

■ PERFORMANCE CURVES



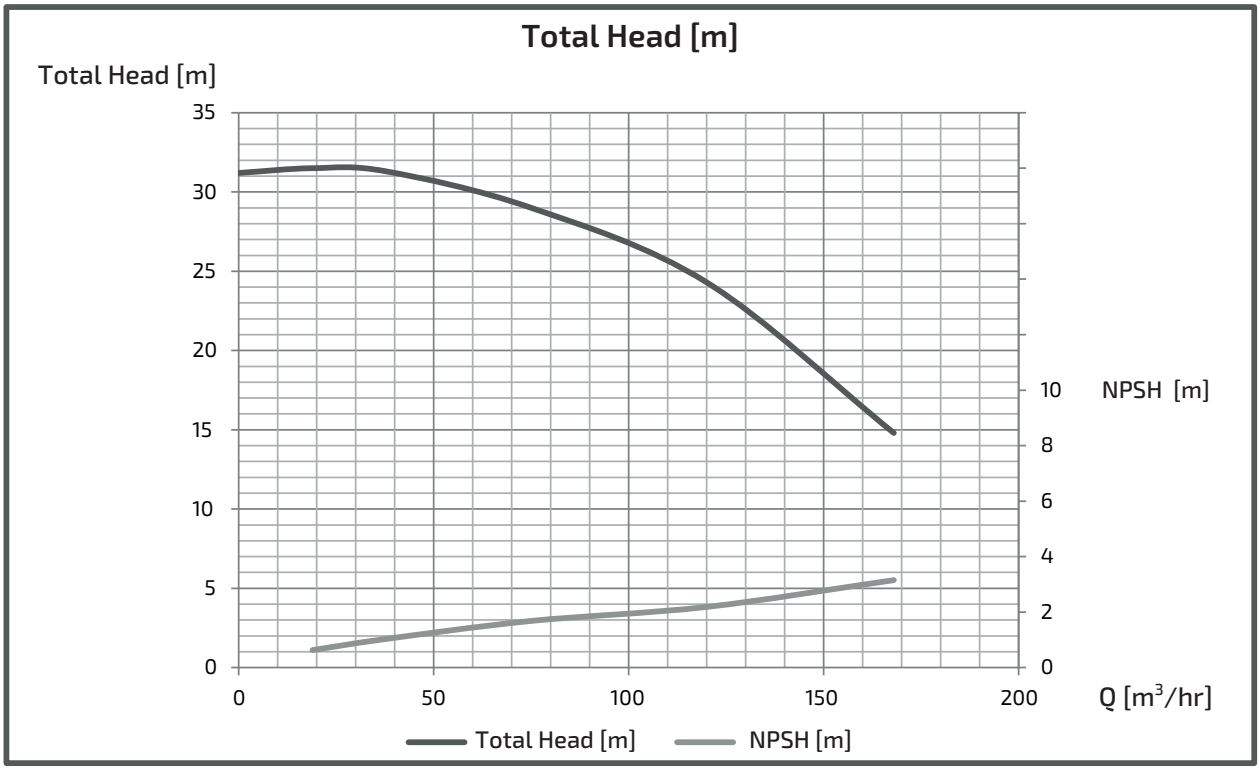


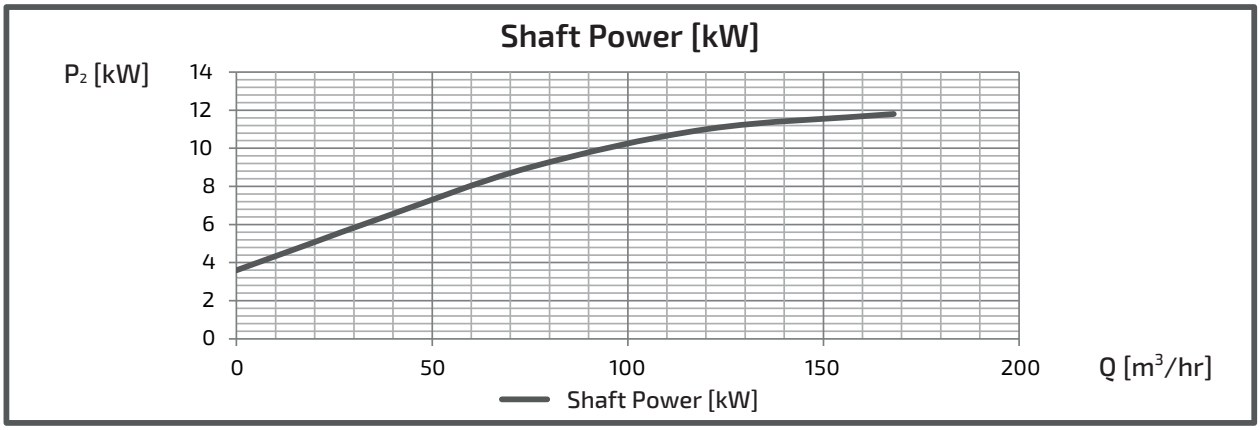


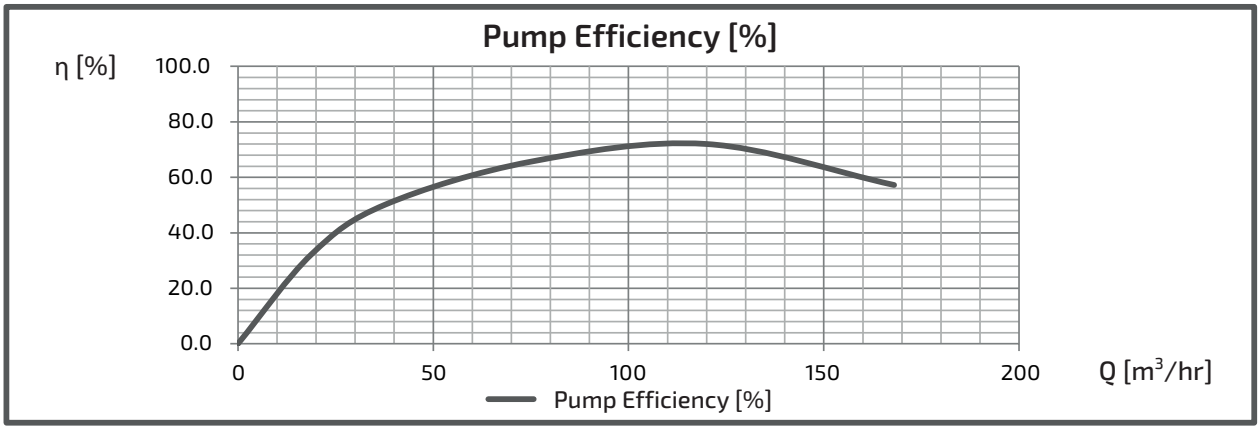
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1005M(G)4ME11

■ PERFORMANCE CURVES



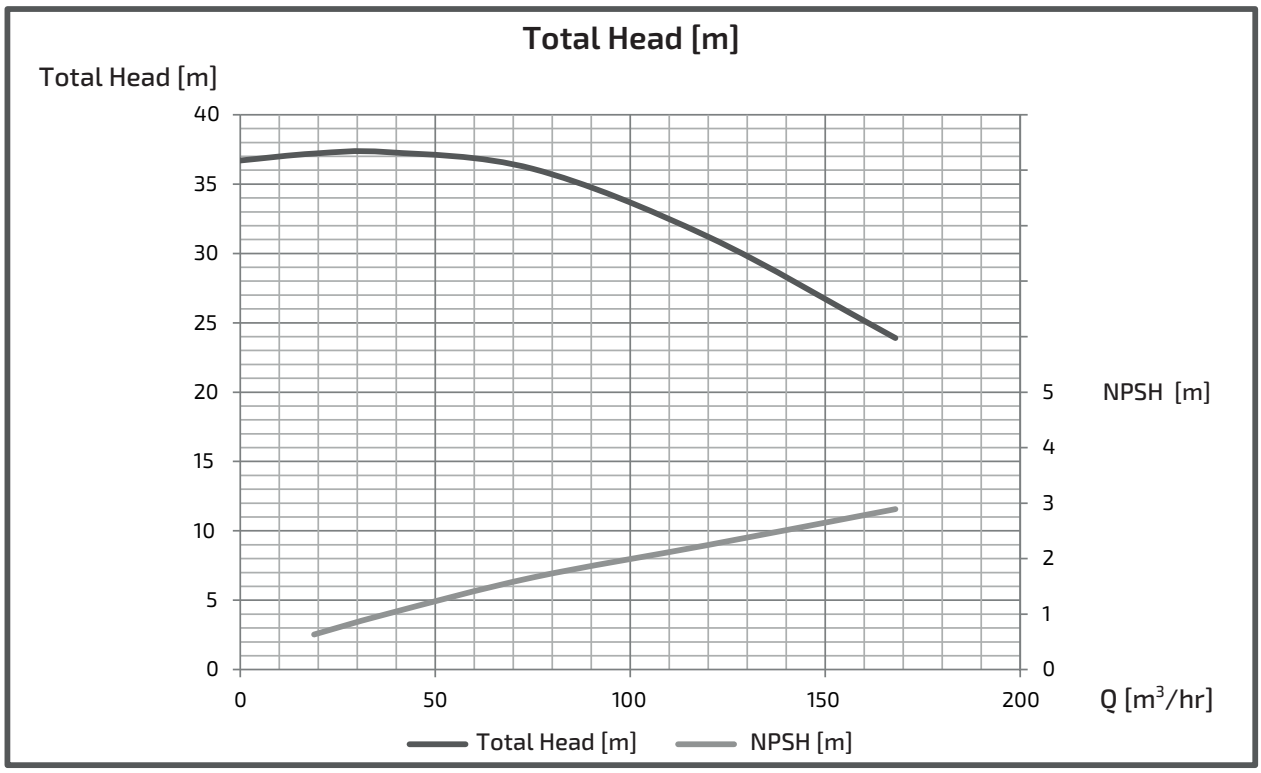


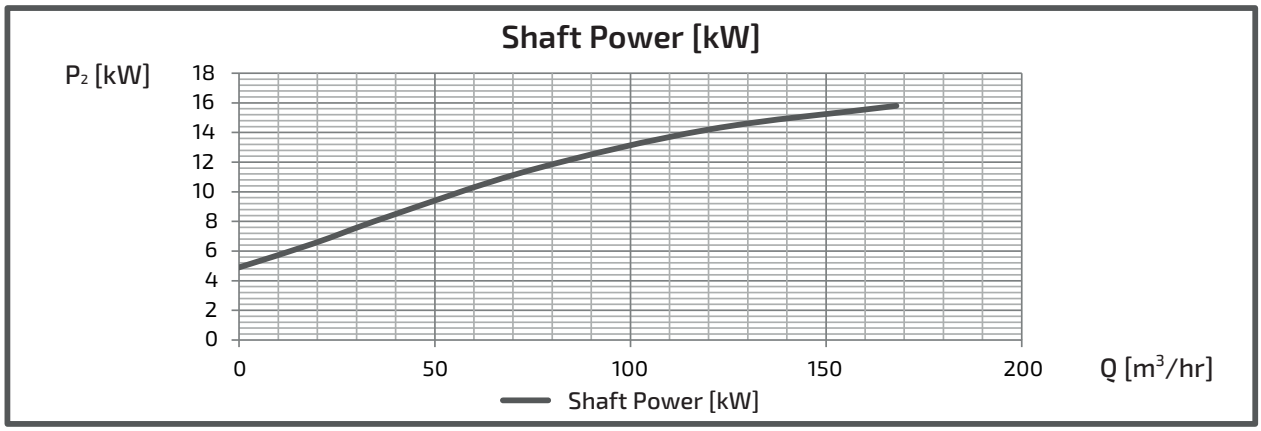


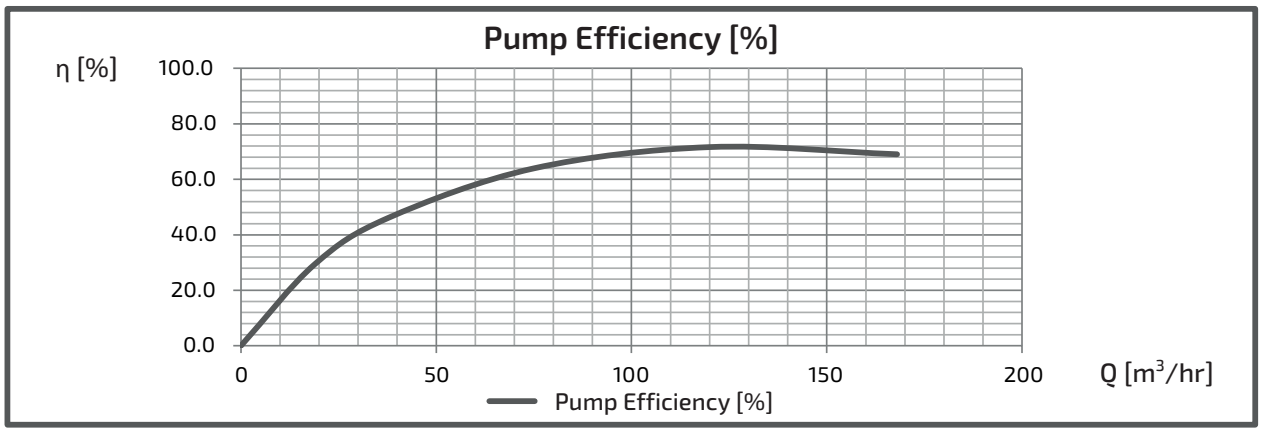
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1005M(G)4ME15

■ PERFORMANCE CURVES



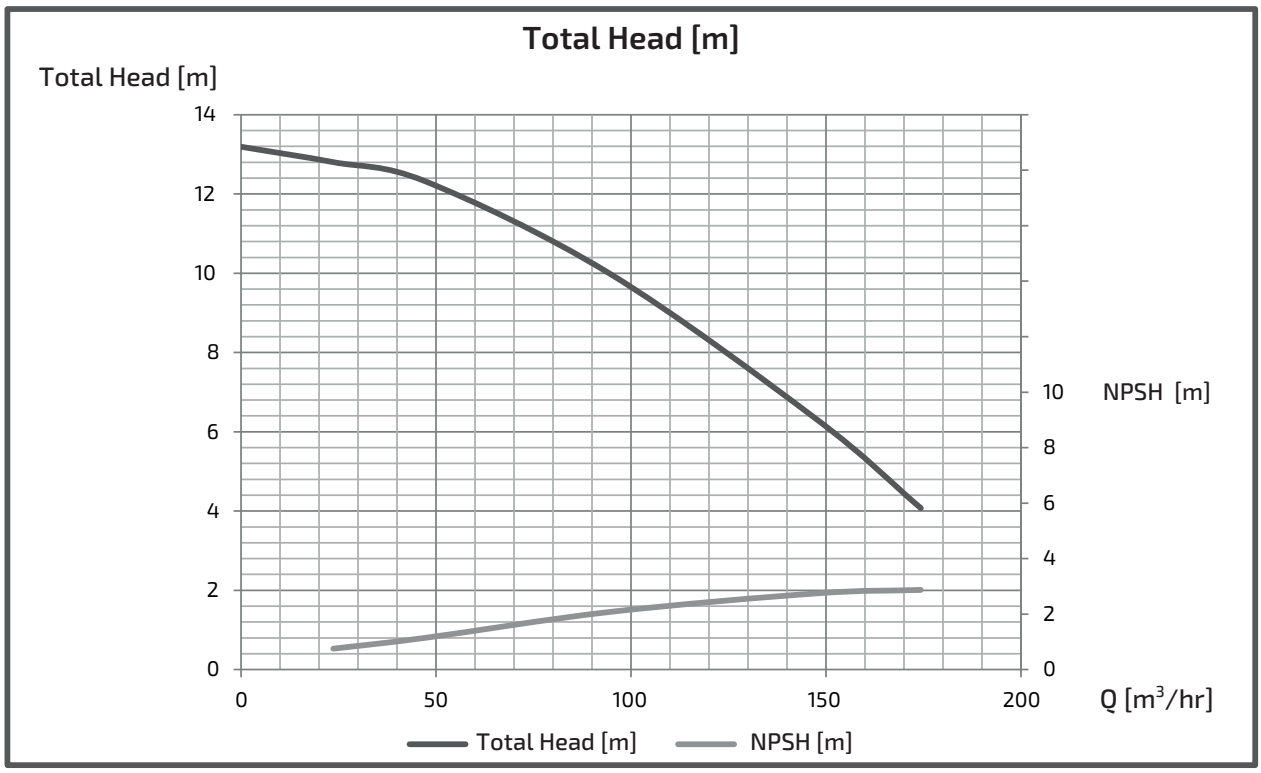


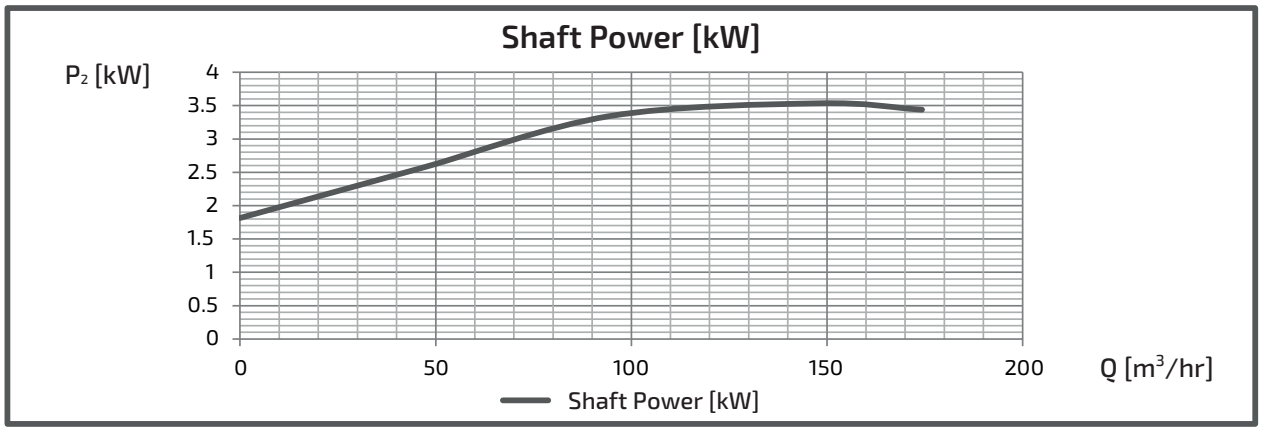


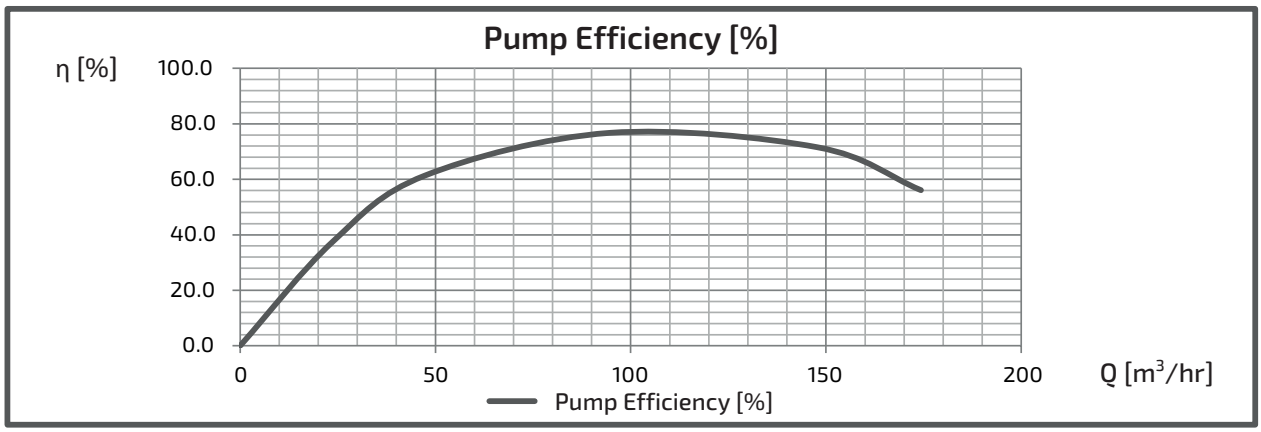
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK1255M(G)4ME3.7

■ PERFORMANCE CURVES



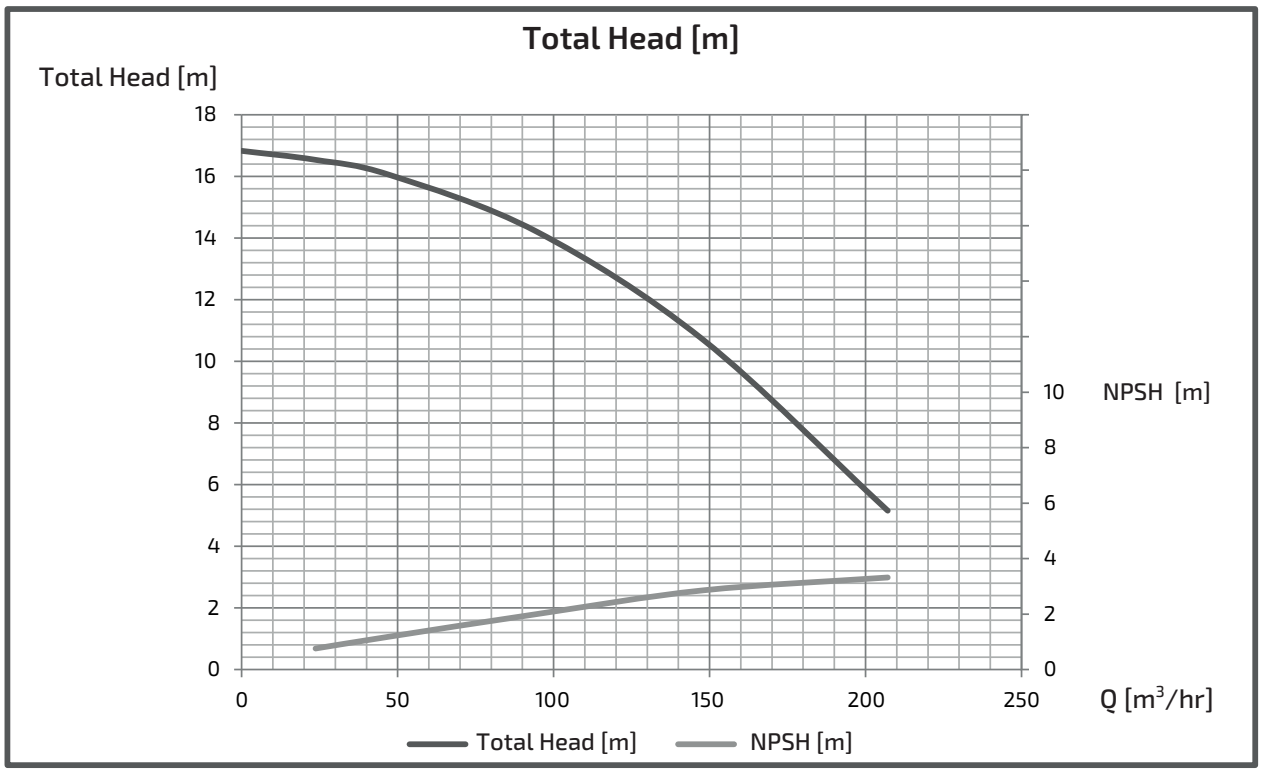


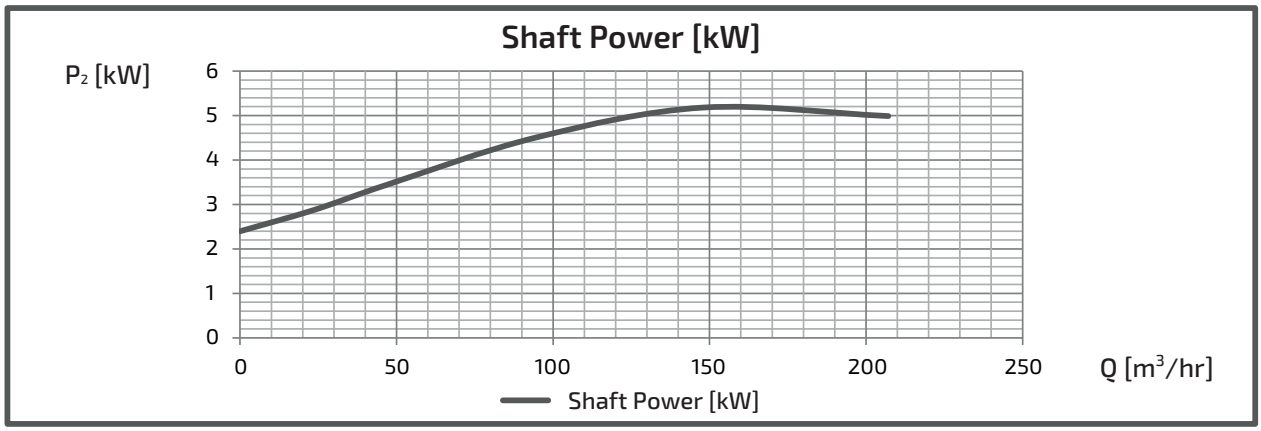


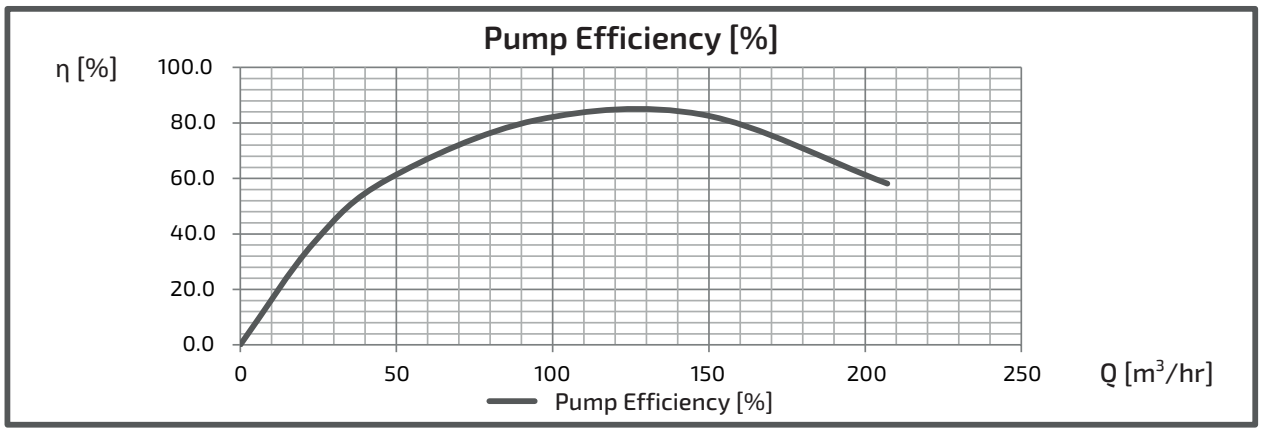
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK1255M(G)4ME5.5

■ PERFORMANCE CURVES



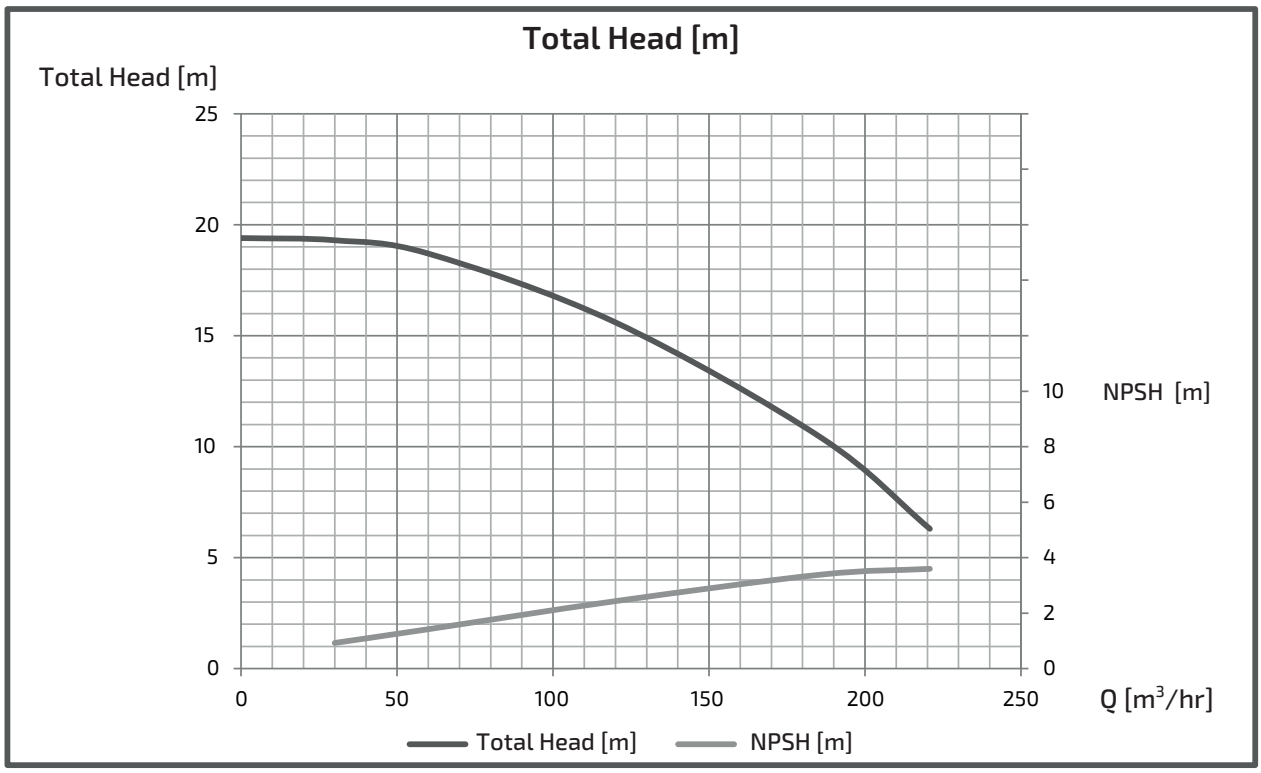


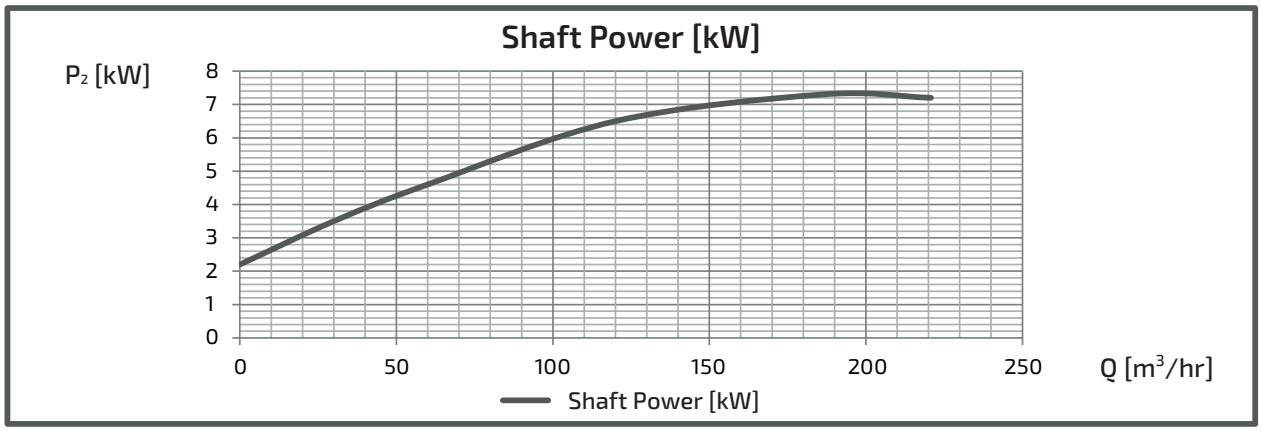


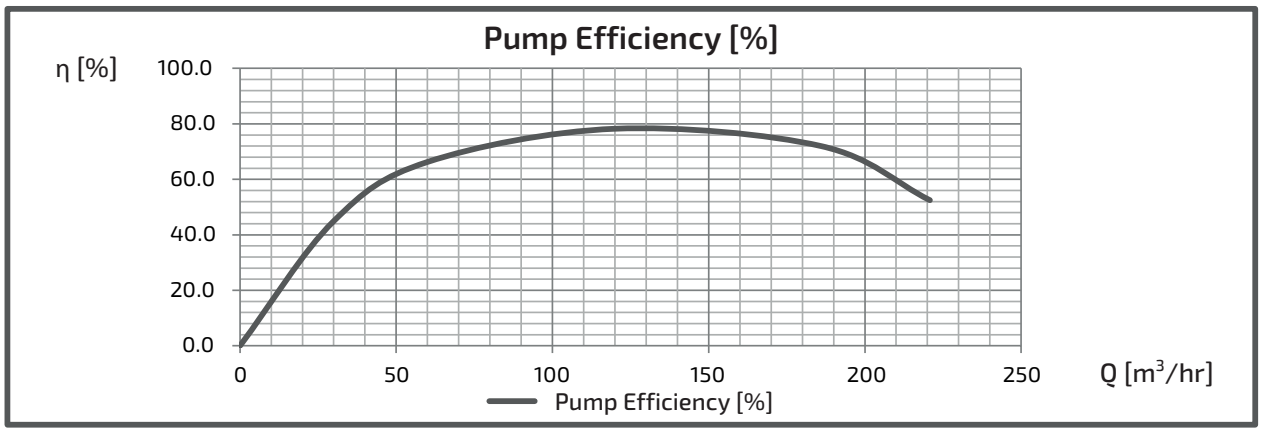
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1255BM(G)4ME7.5

■ PERFORMANCE CURVES



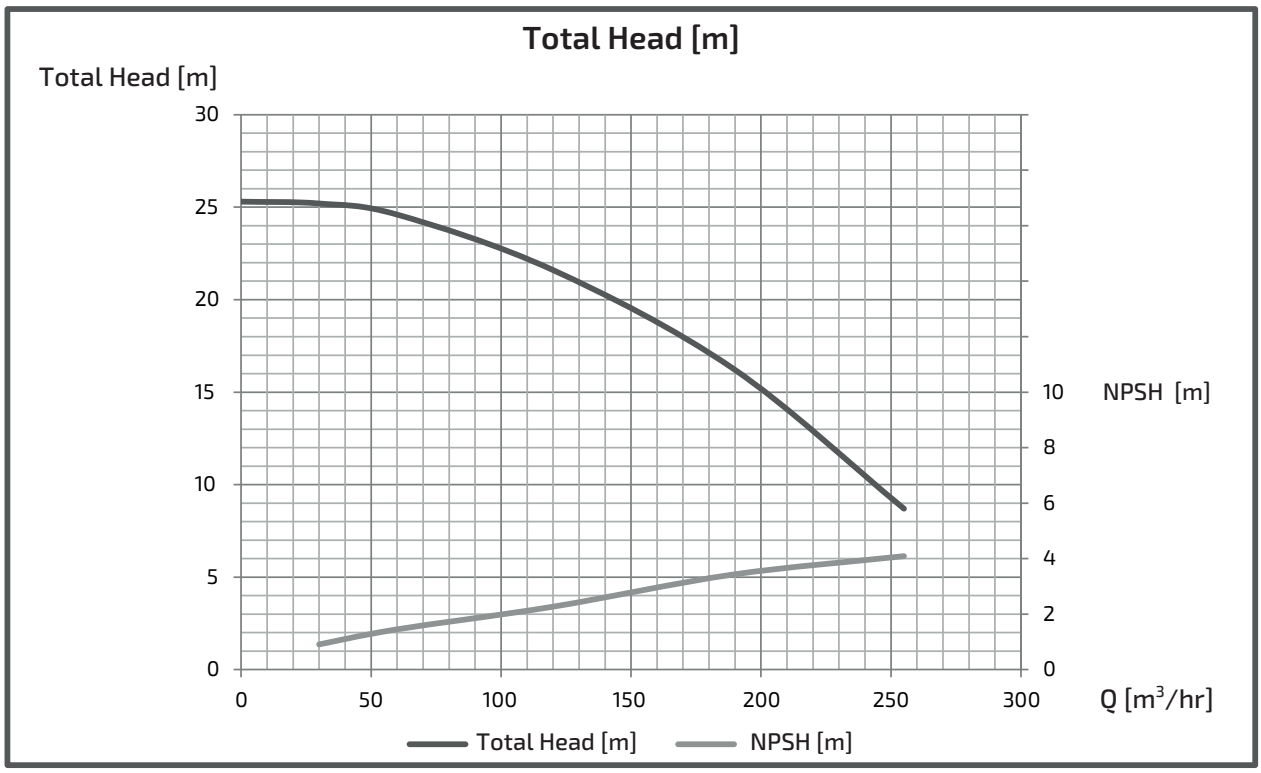


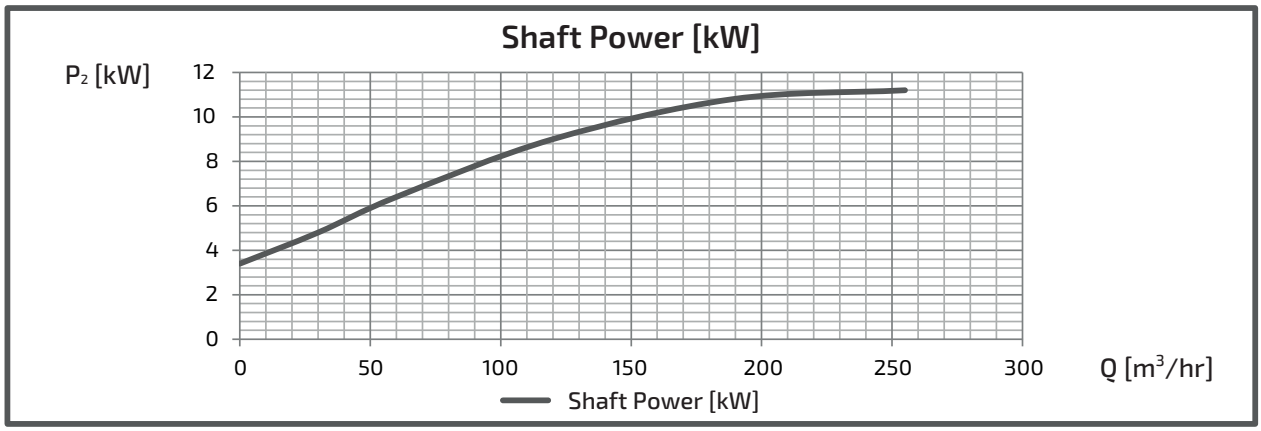


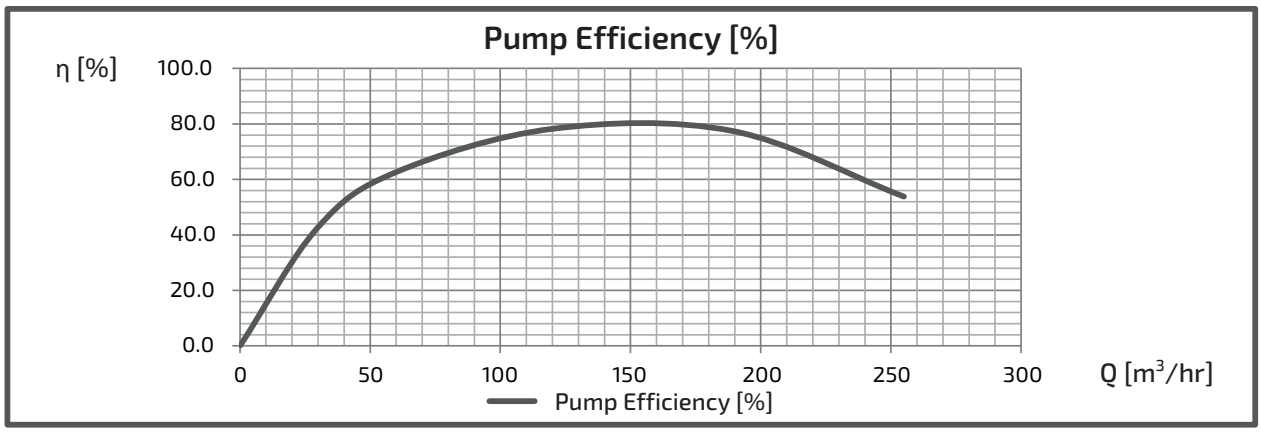
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1255BM(G)4ME11

■ PERFORMANCE CURVES



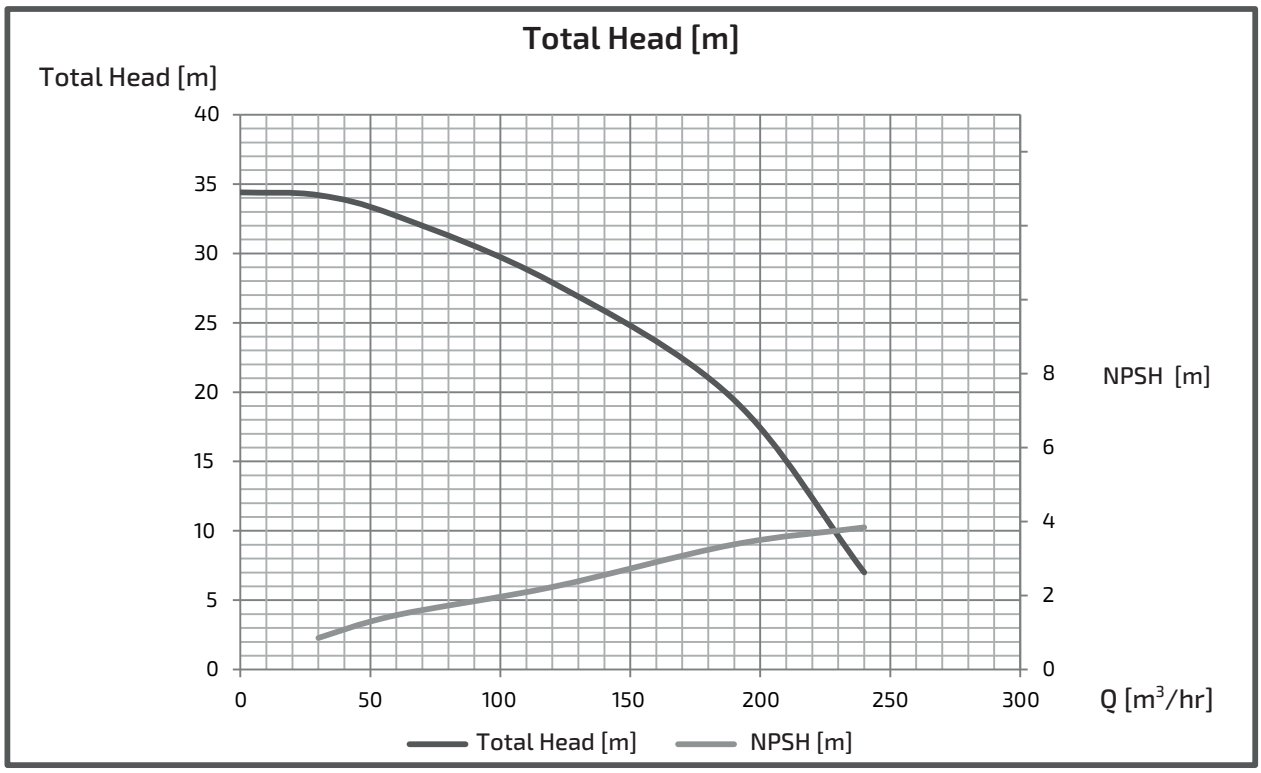


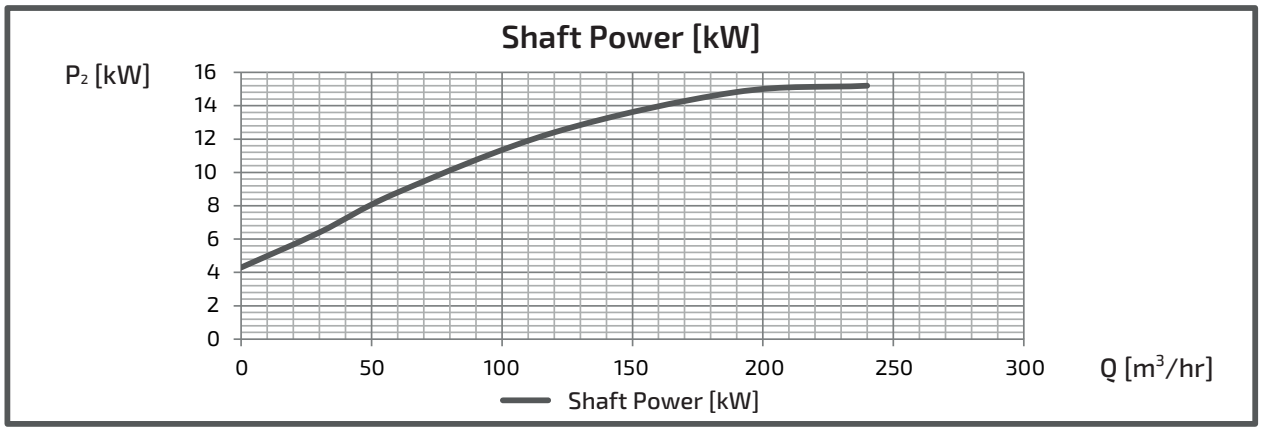


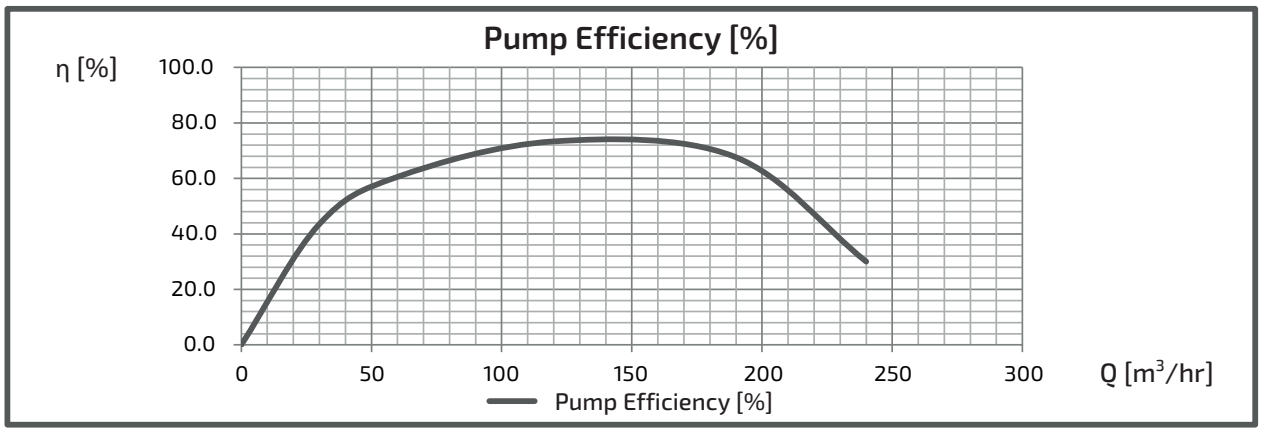
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1255BM(G)4ME15

■ PERFORMANCE CURVES



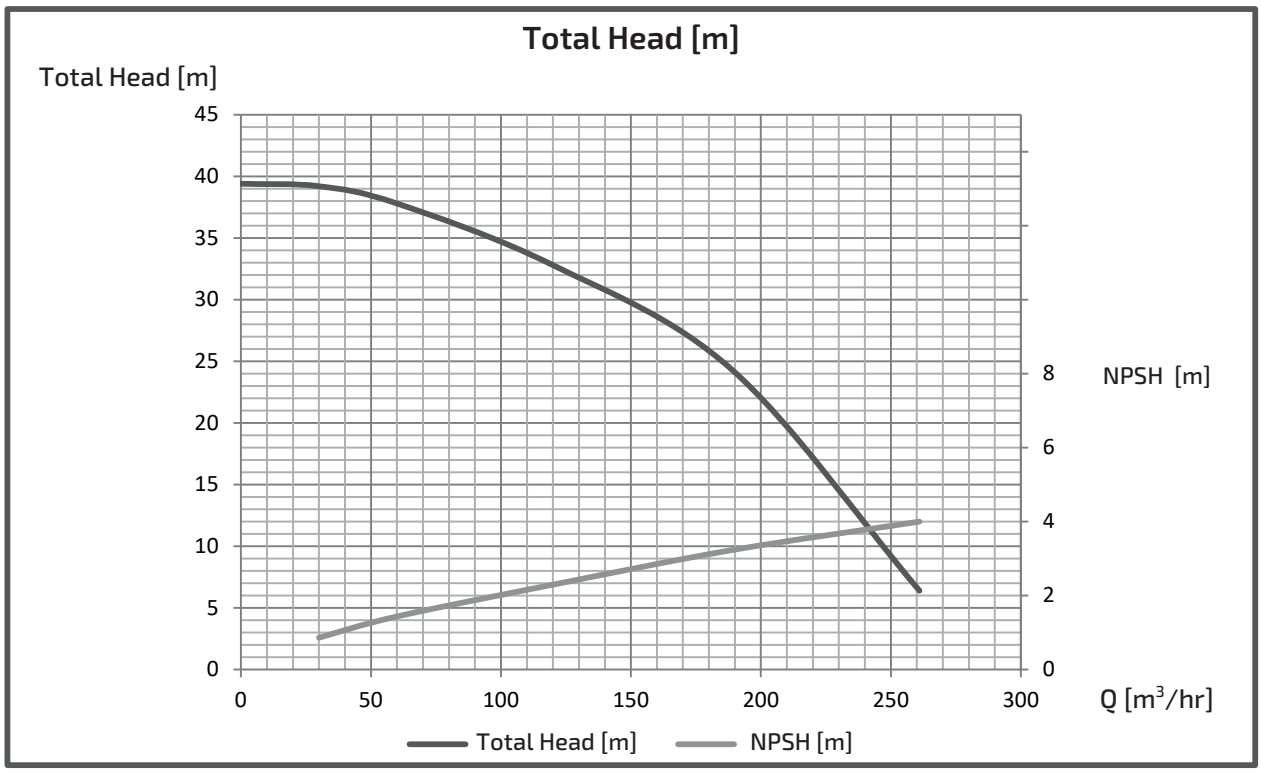


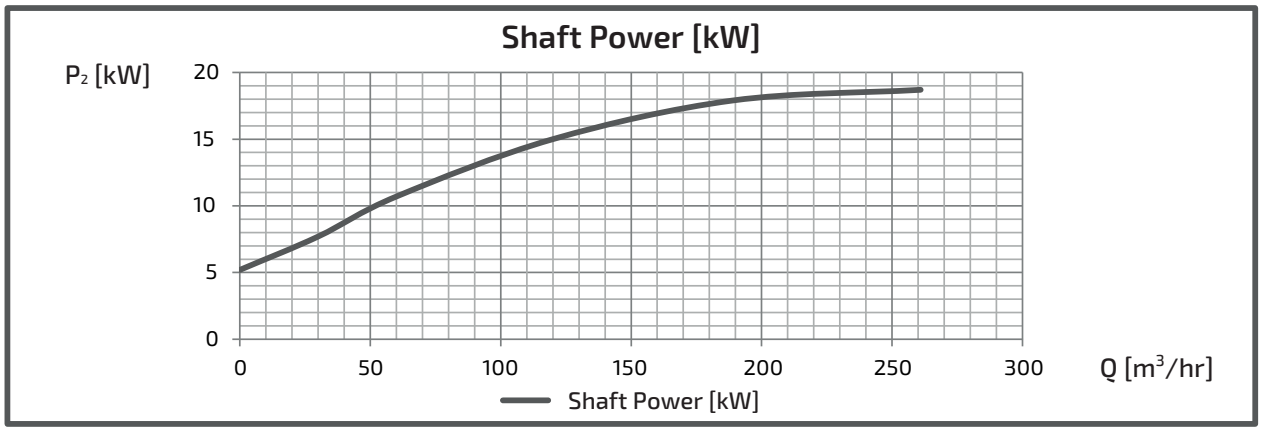


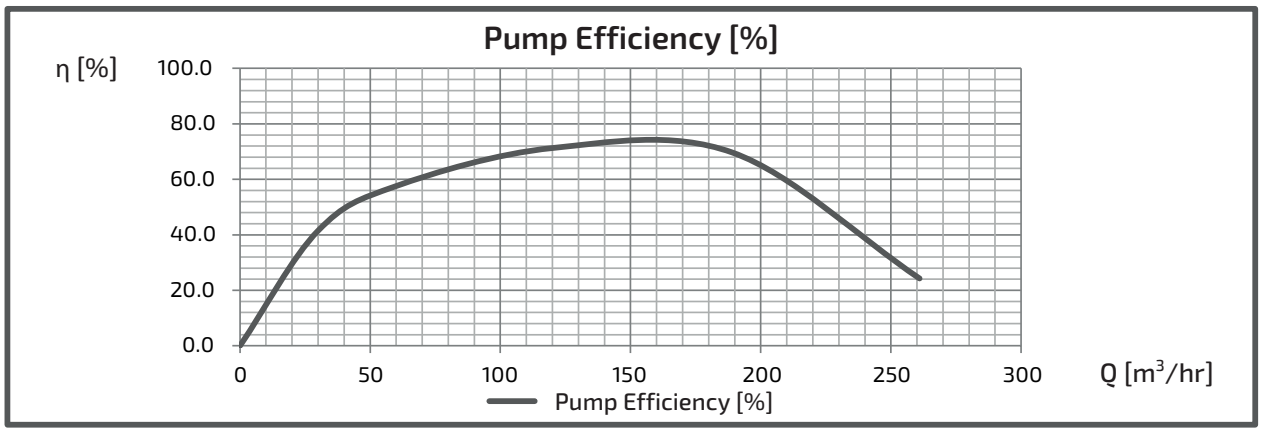
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1255BM(G)4ME18

■ PERFORMANCE CURVES



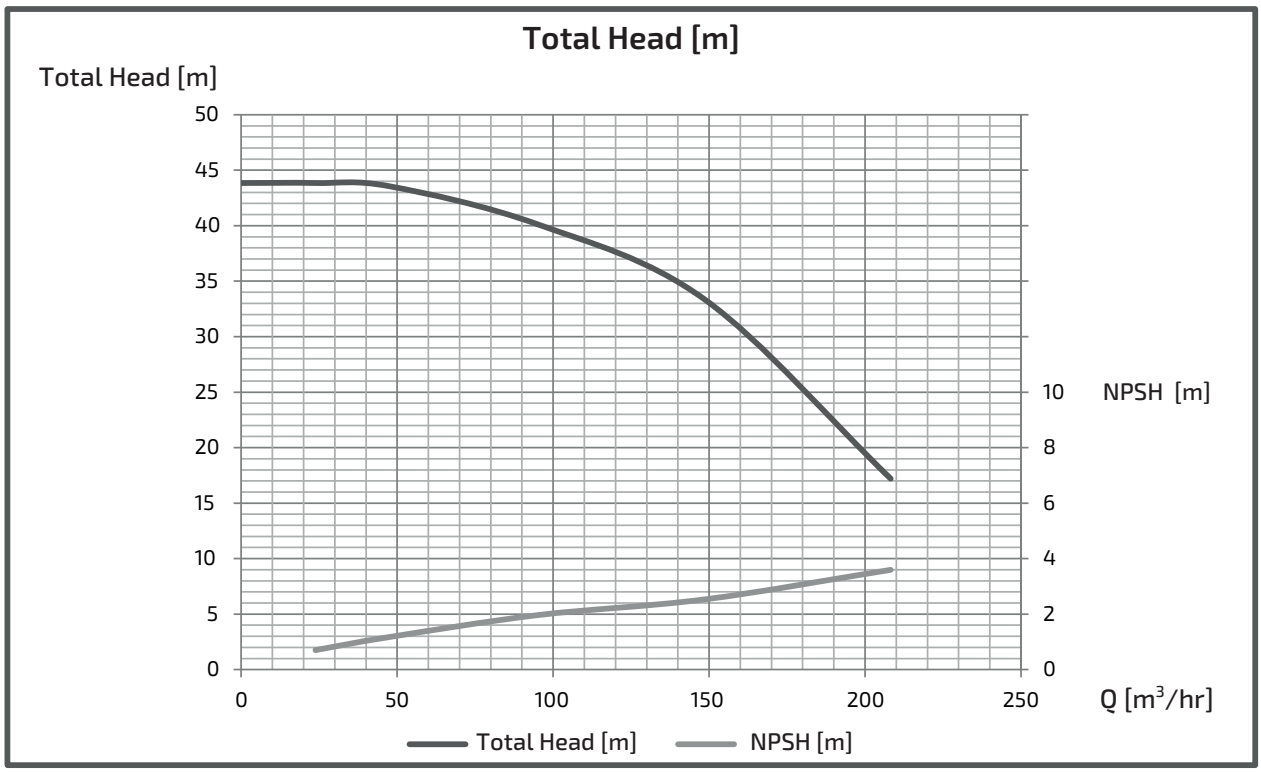


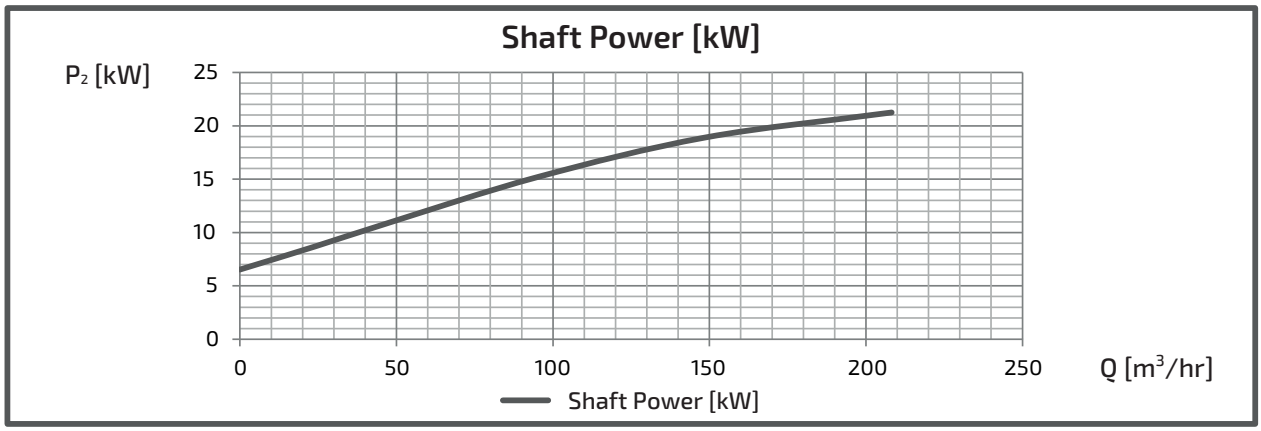


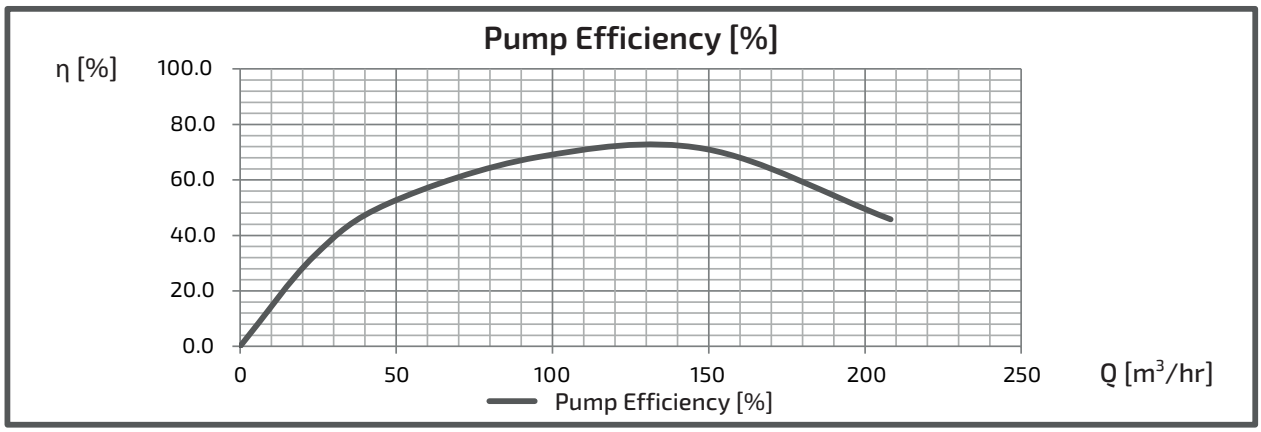
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1255M(G)4ME18

■ PERFORMANCE CURVES



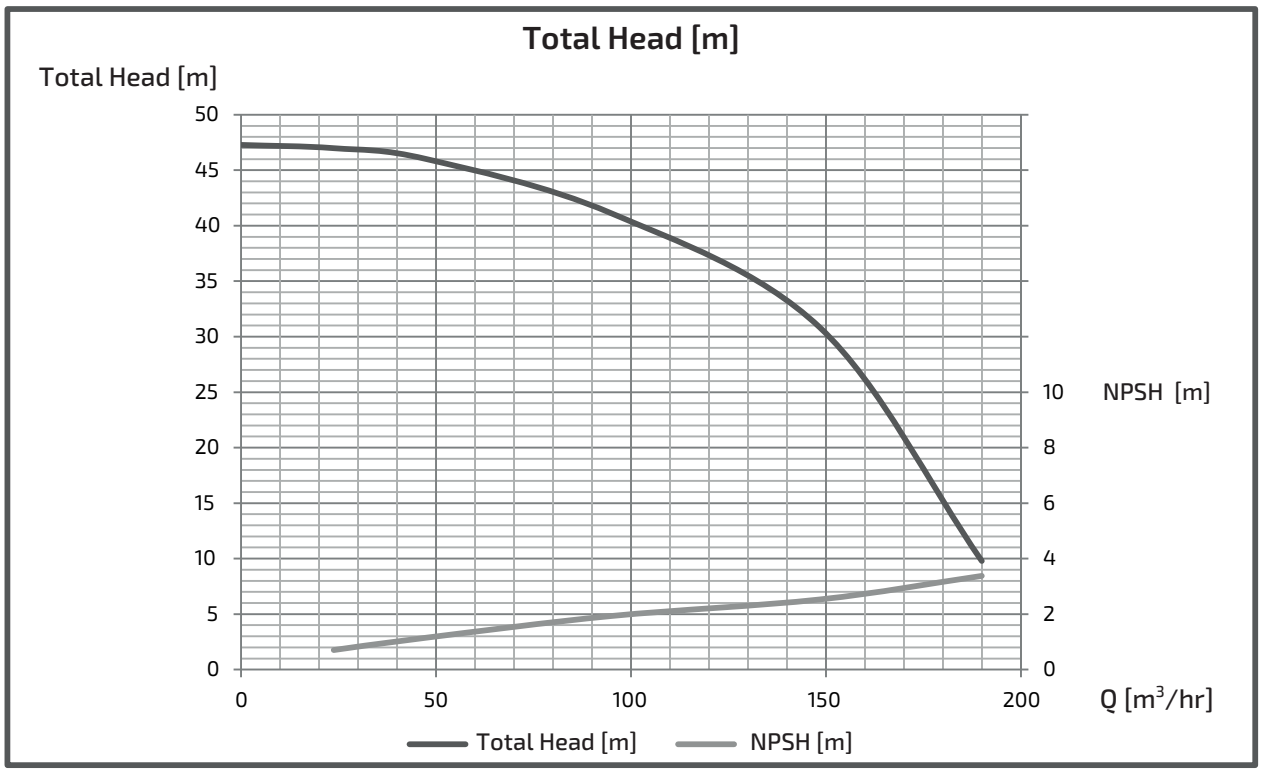


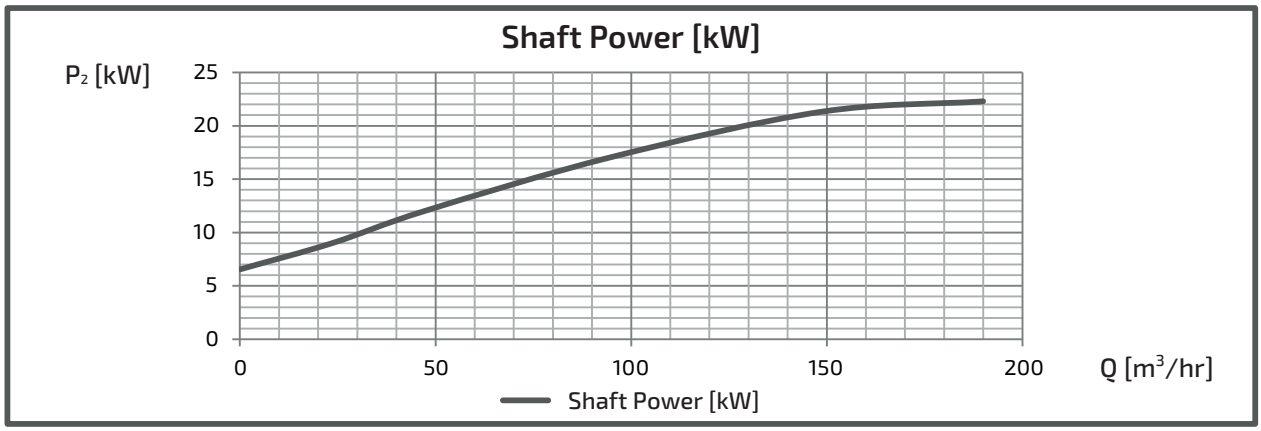


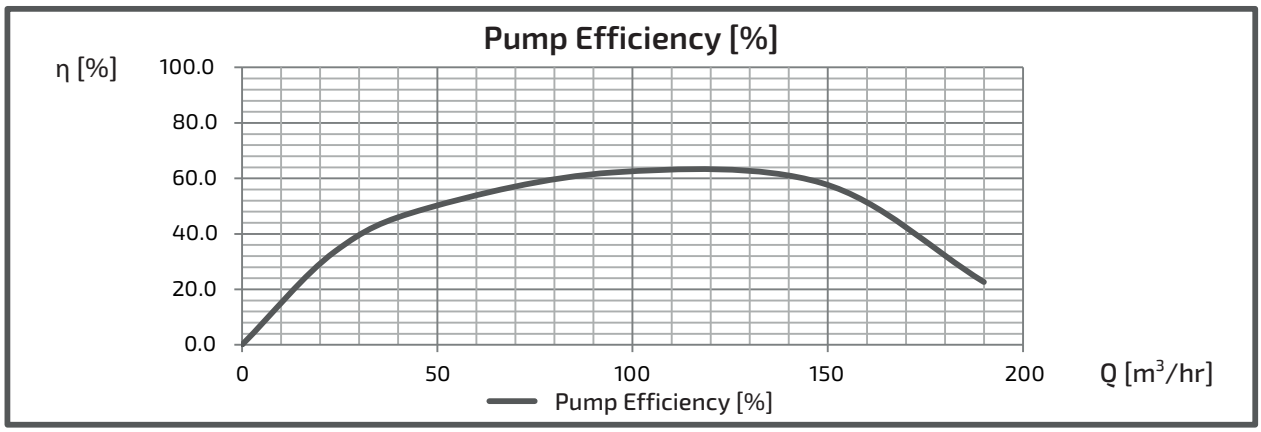
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1255M(G)4ME22

■ PERFORMANCE CURVES



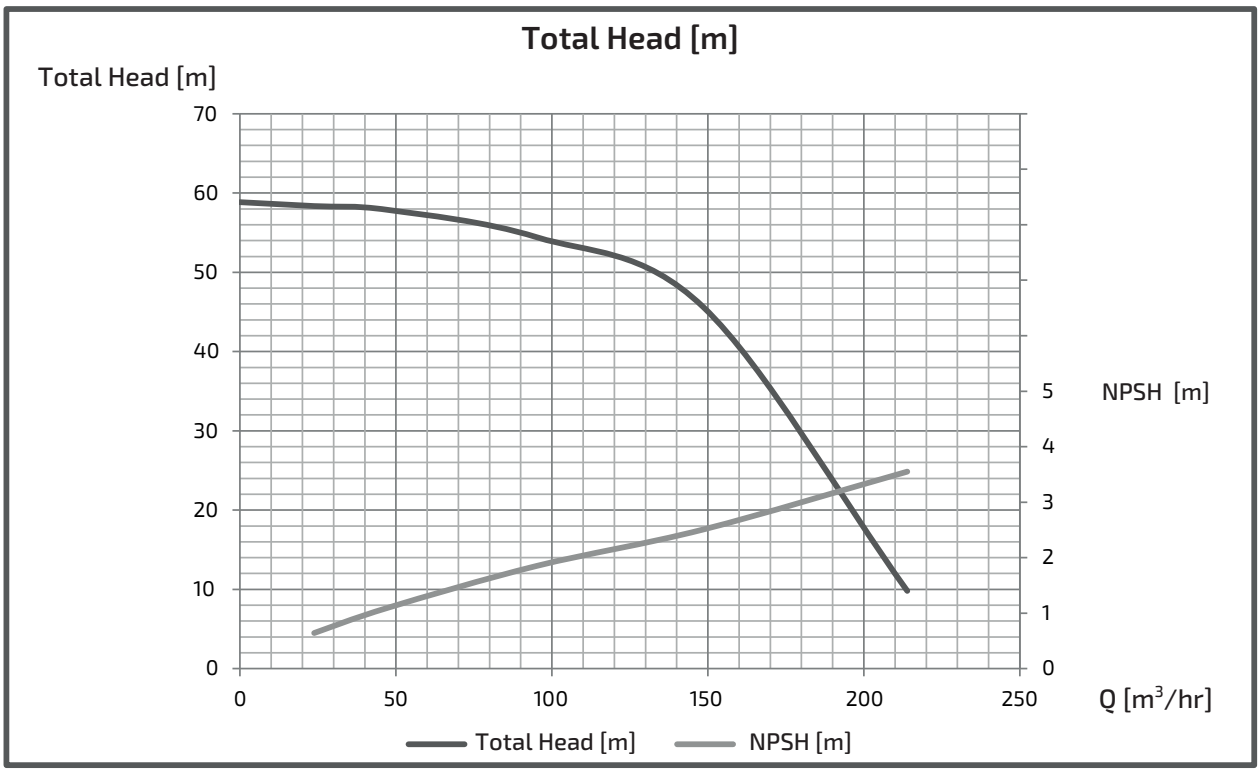


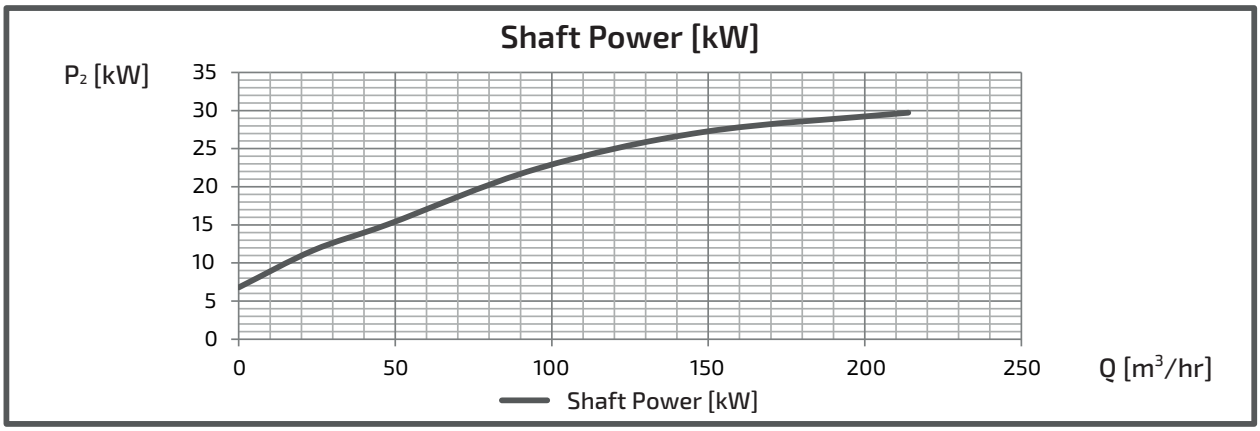


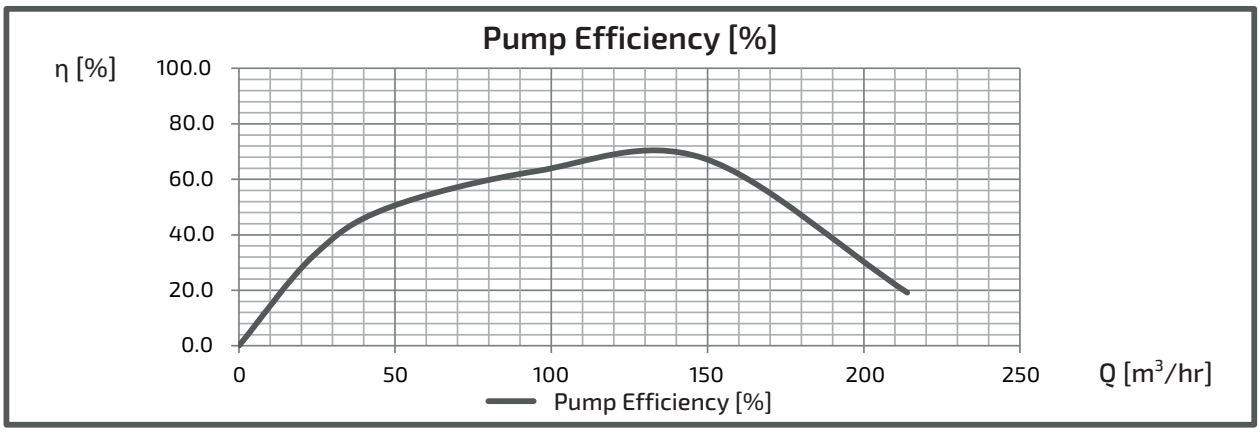
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1255M(G)4ME30

■ PERFORMANCE CURVES



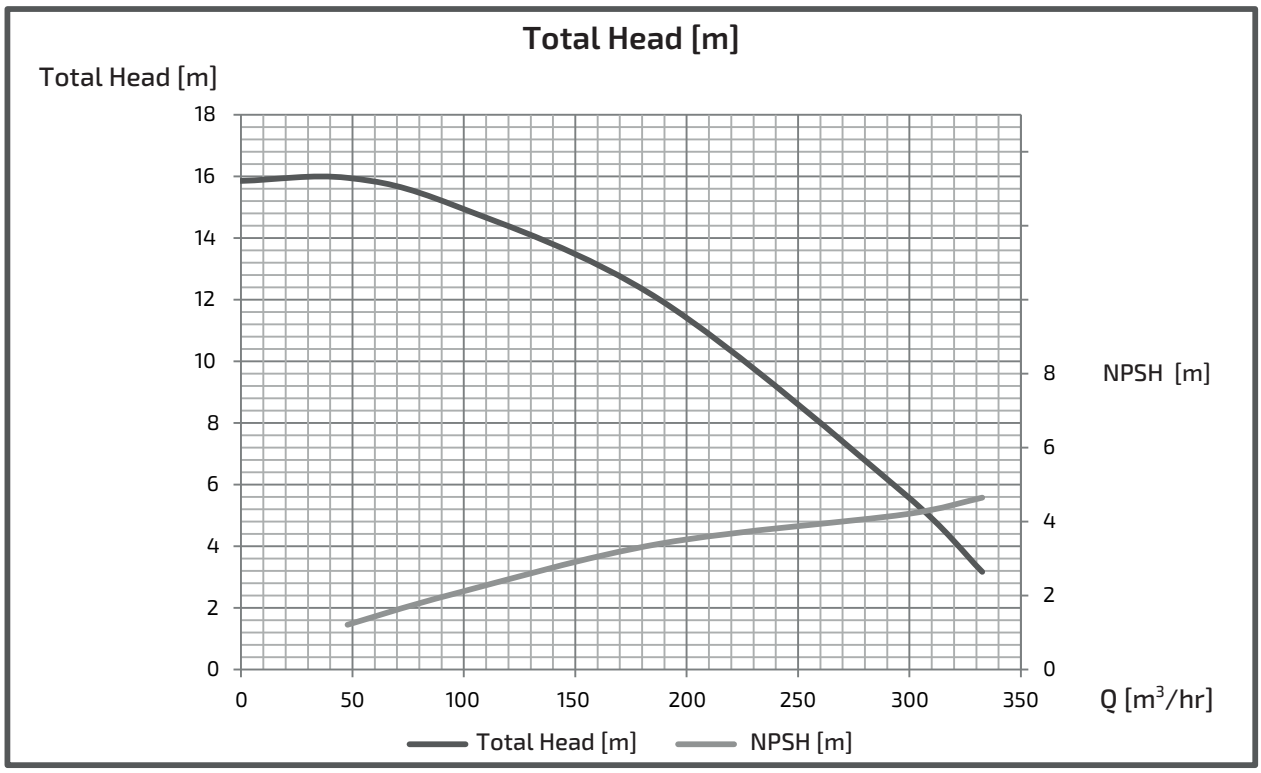


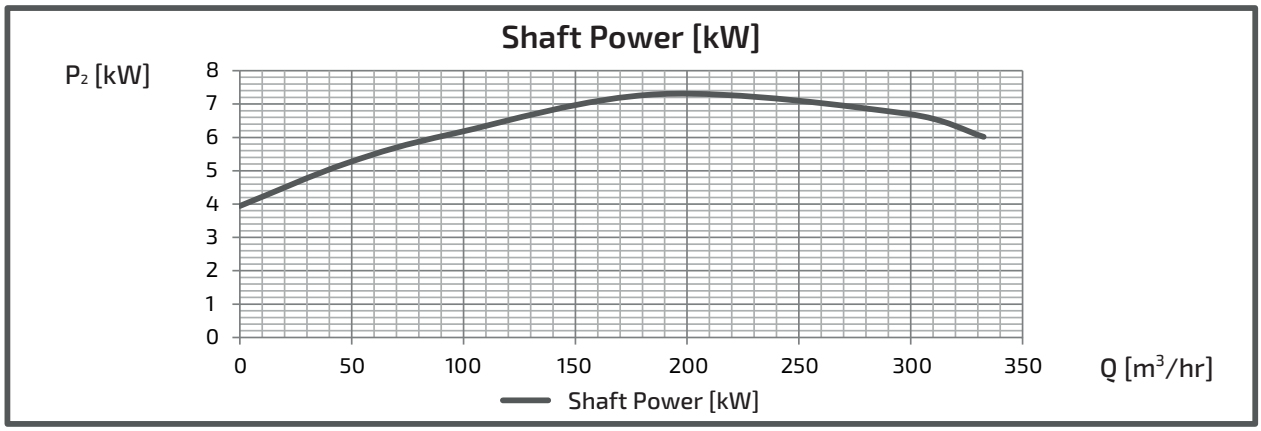


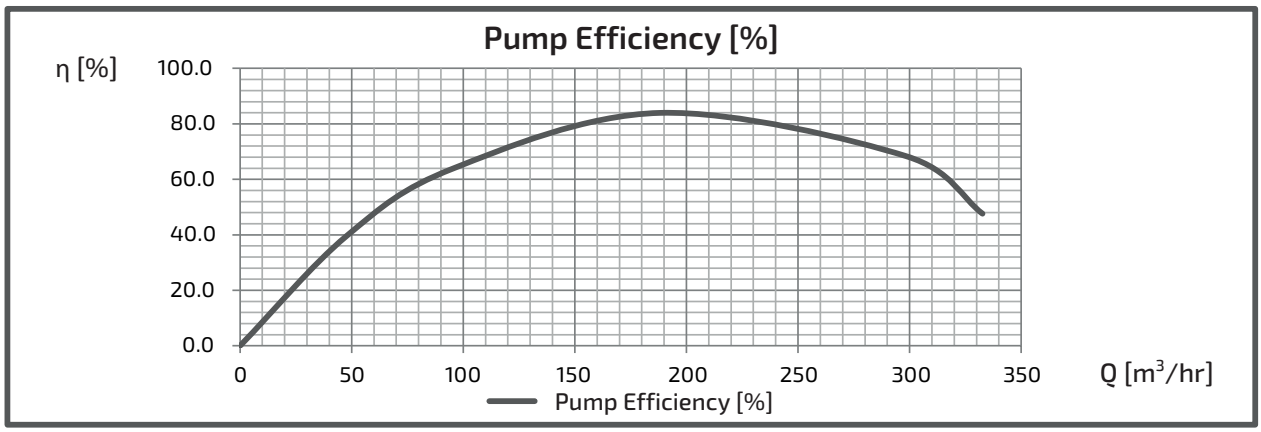
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK1505M(G)4ME7.5

■ PERFORMANCE CURVES



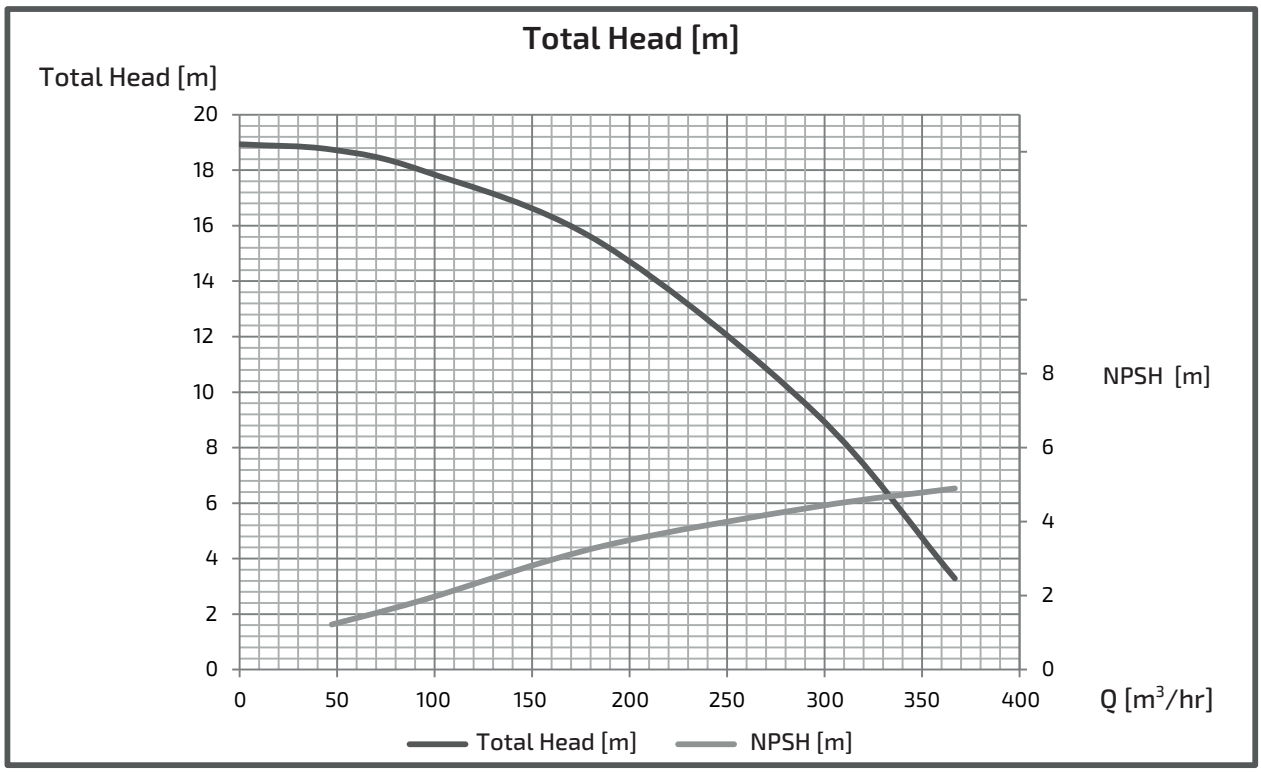


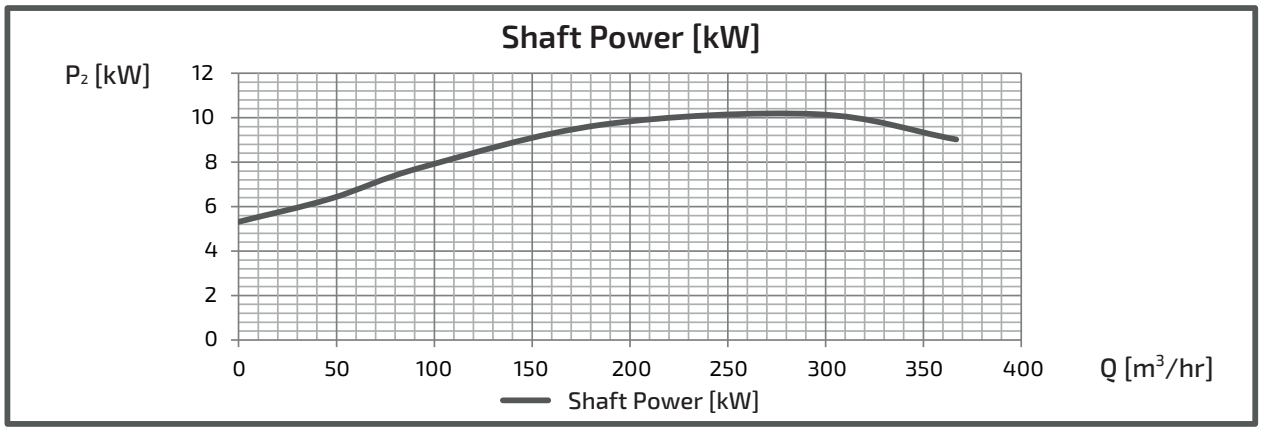


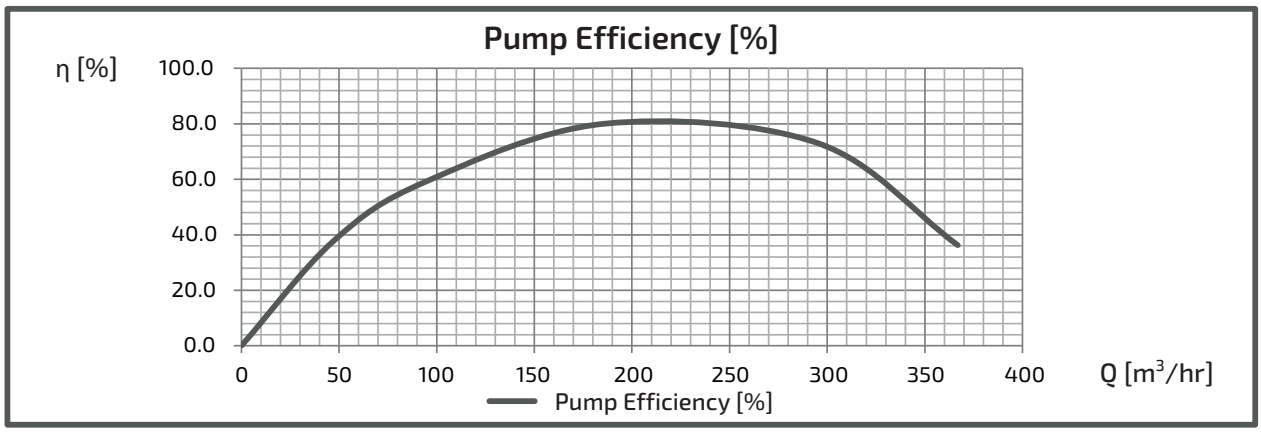
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEK1505M(G)4ME11

■ PERFORMANCE CURVES



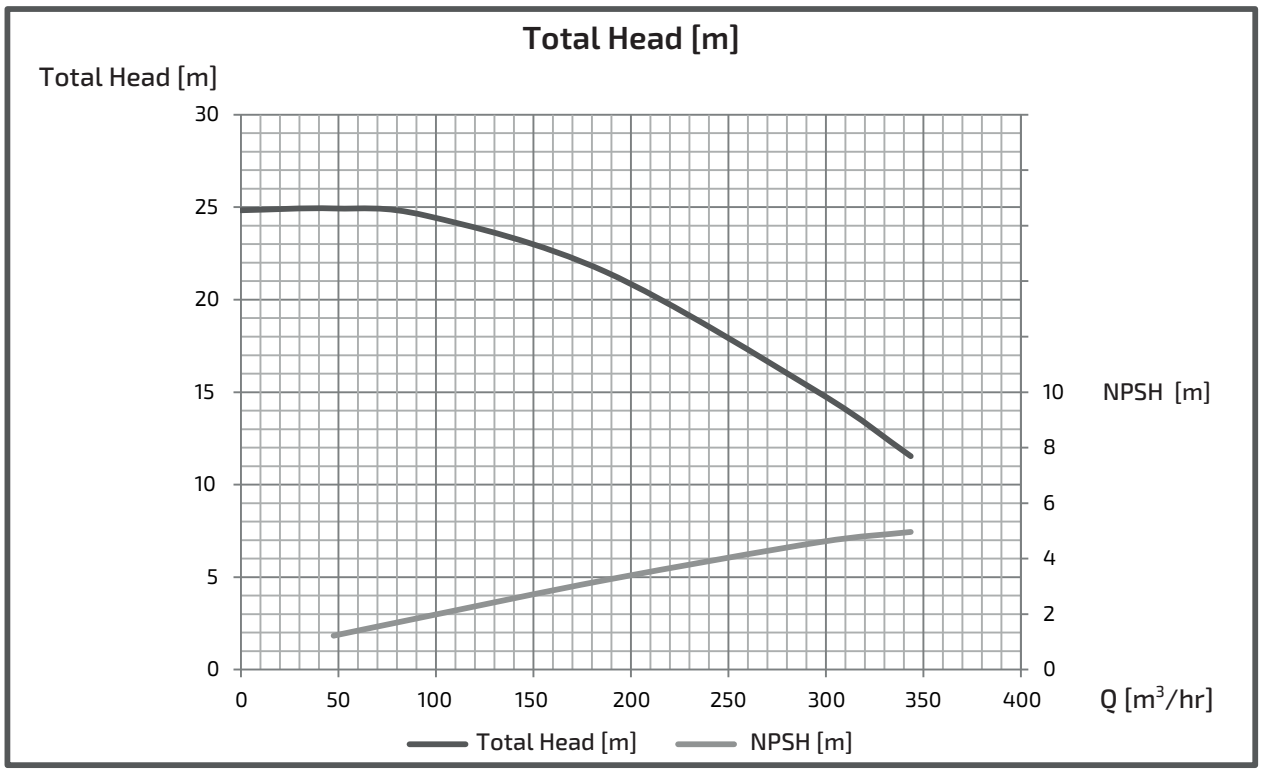


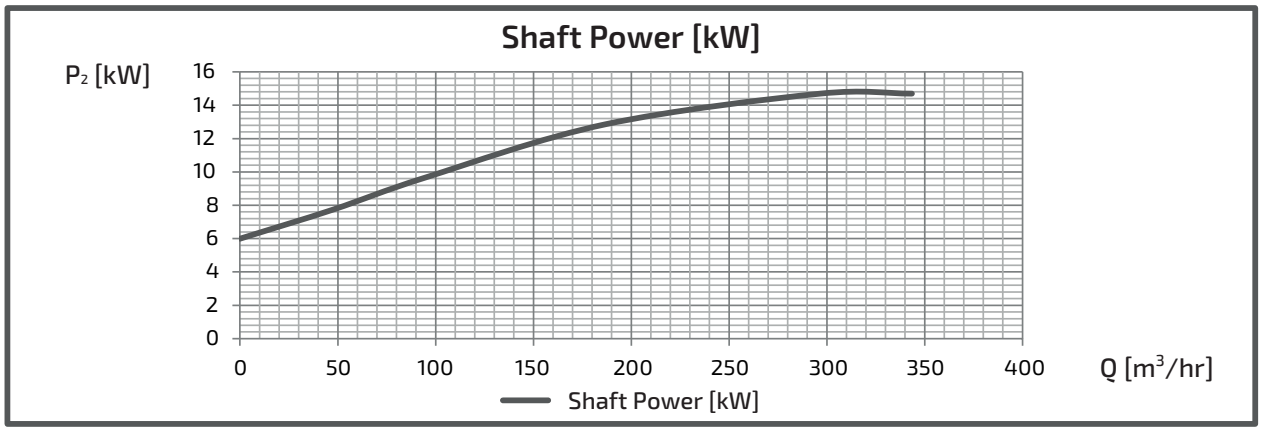


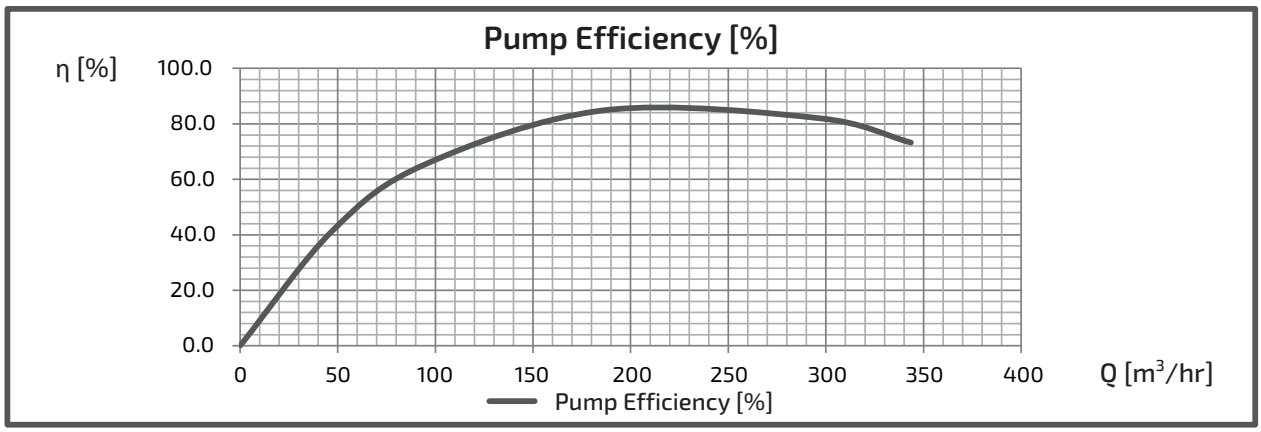
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1505M(G)4ME15

■ PERFORMANCE CURVES



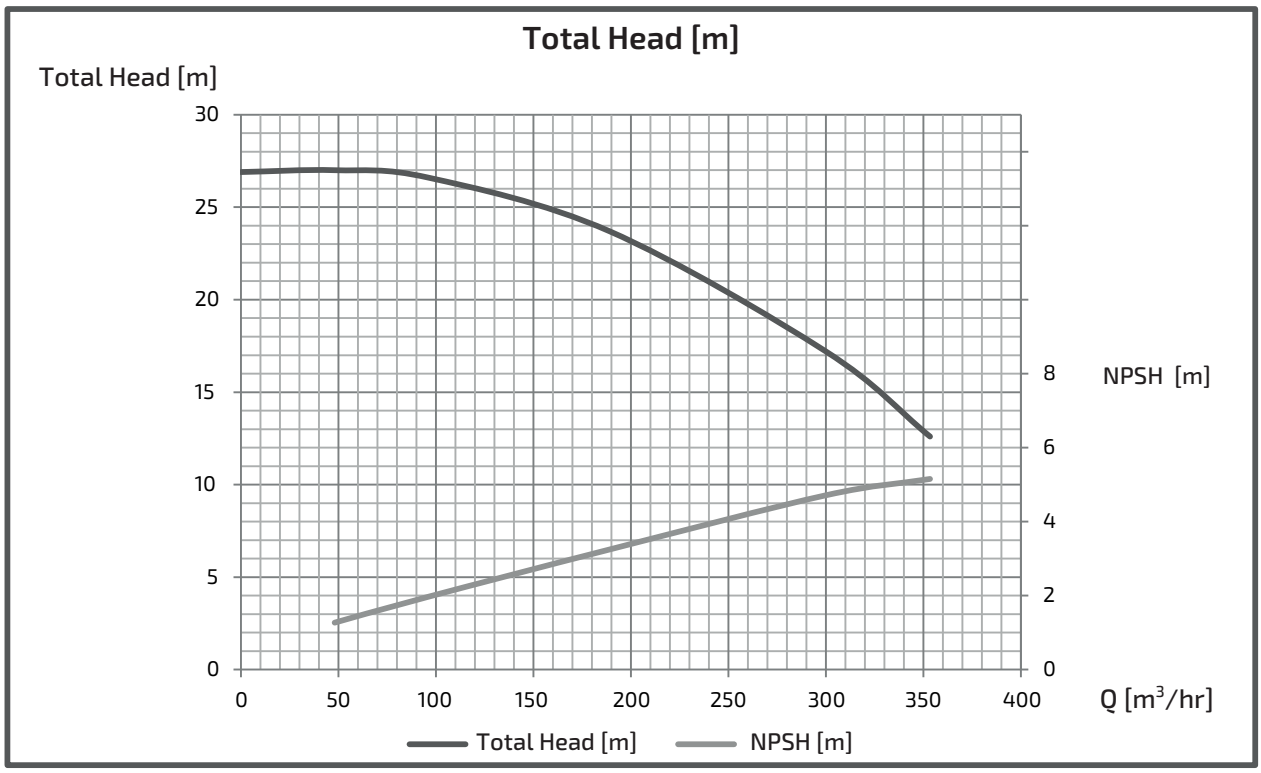


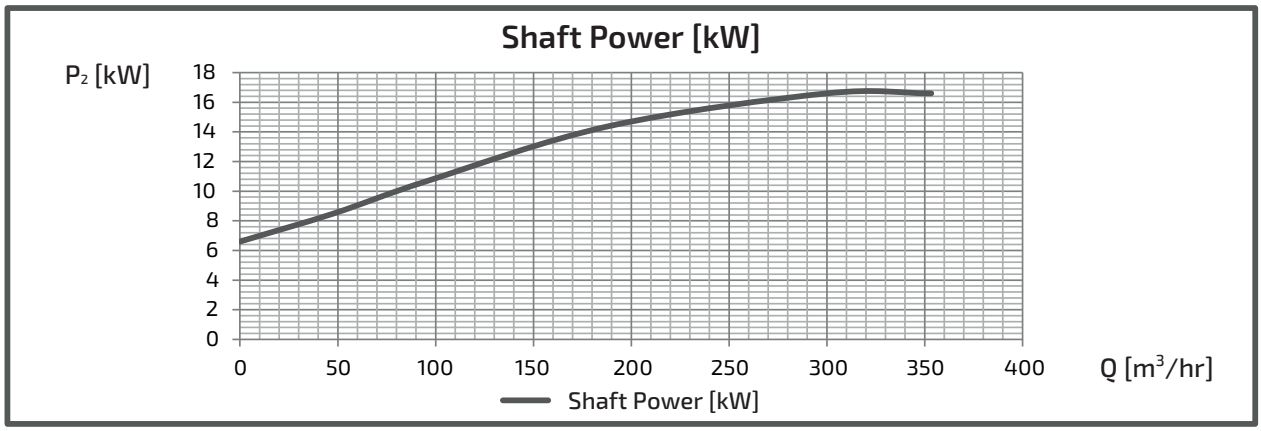


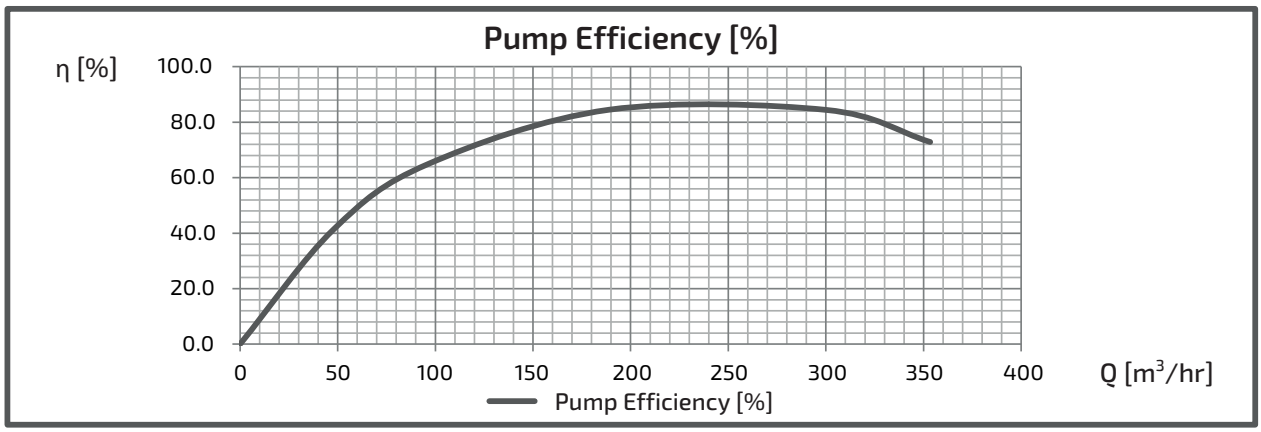
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEL1505M(G)4ME18

■ PERFORMANCE CURVES



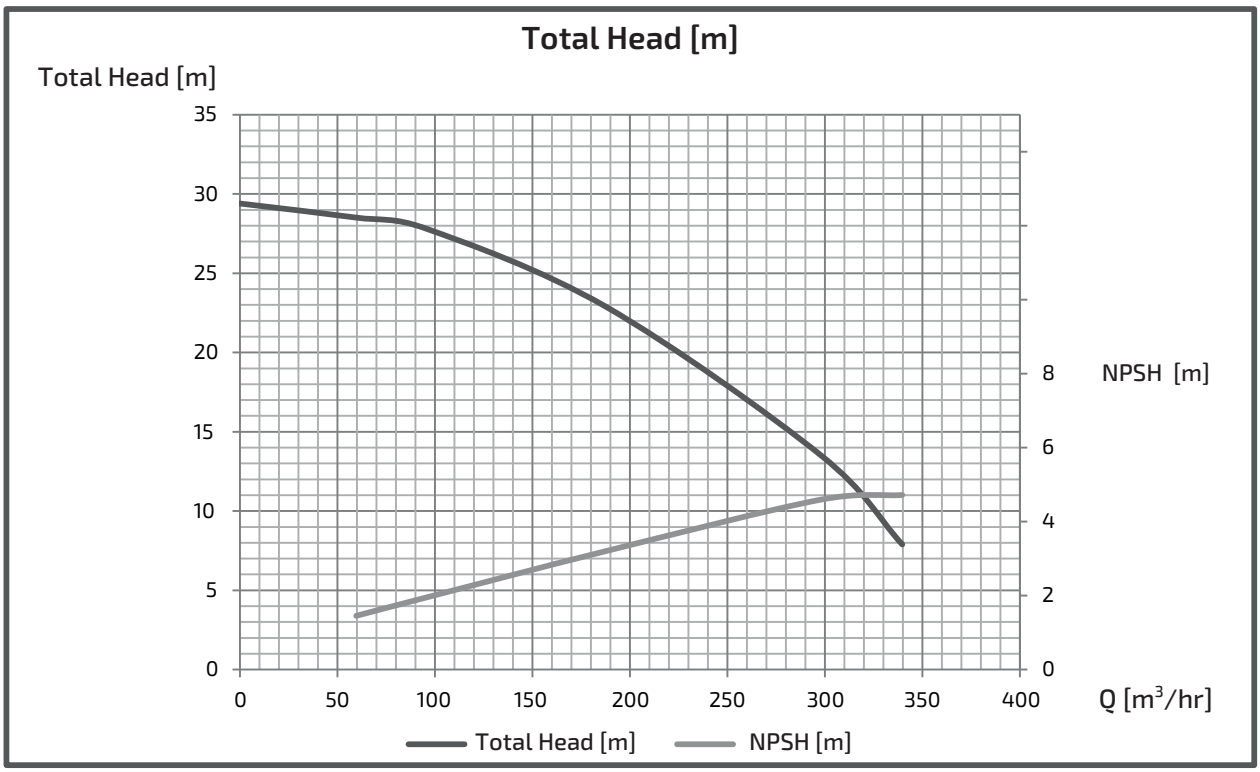


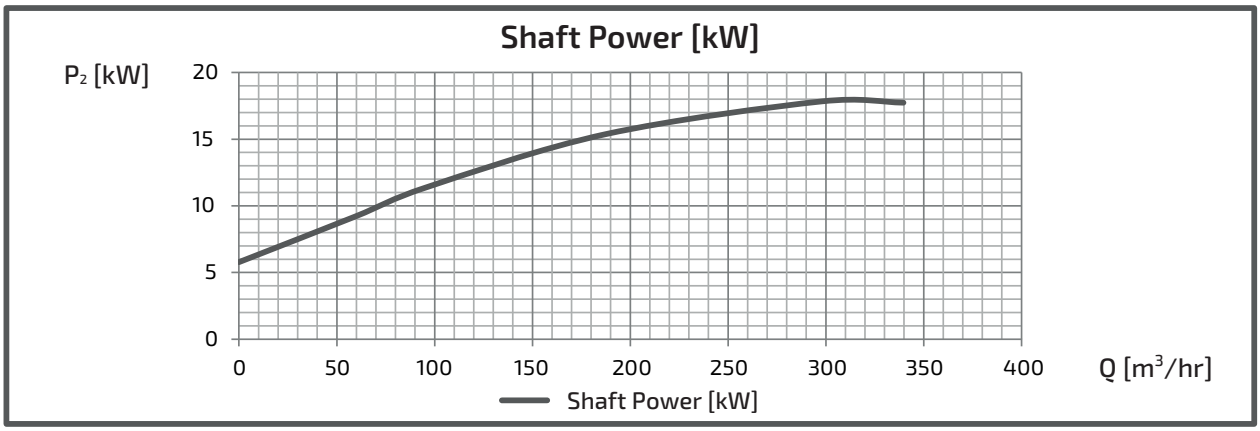


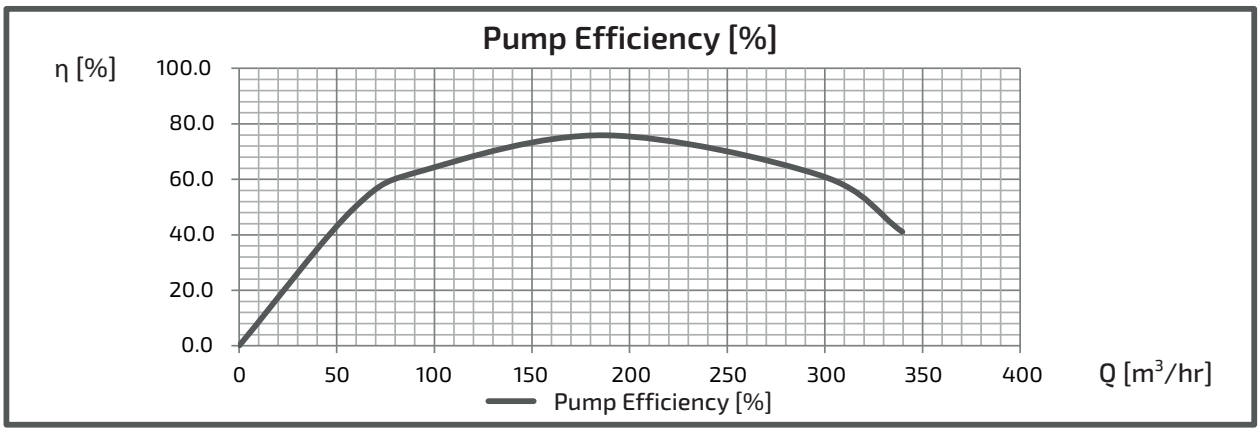
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1505M(G)4ME18

■ PERFORMANCE CURVES



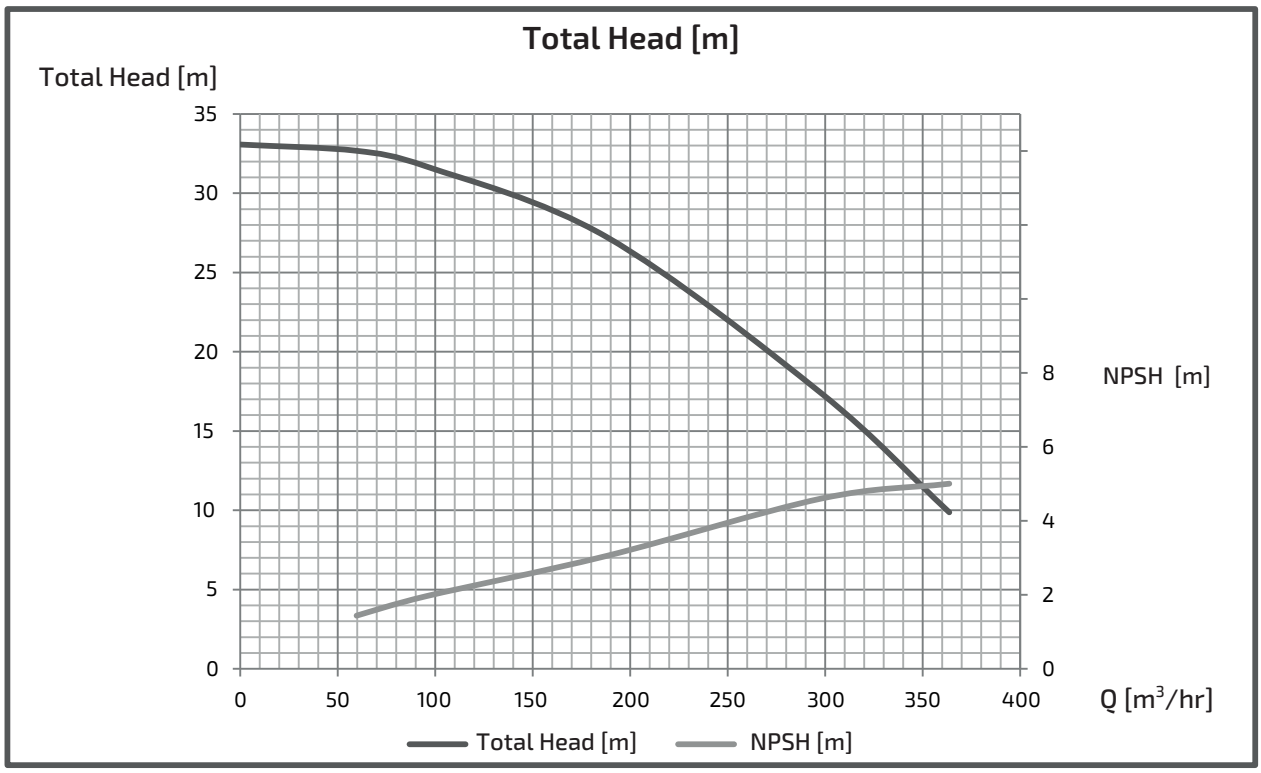


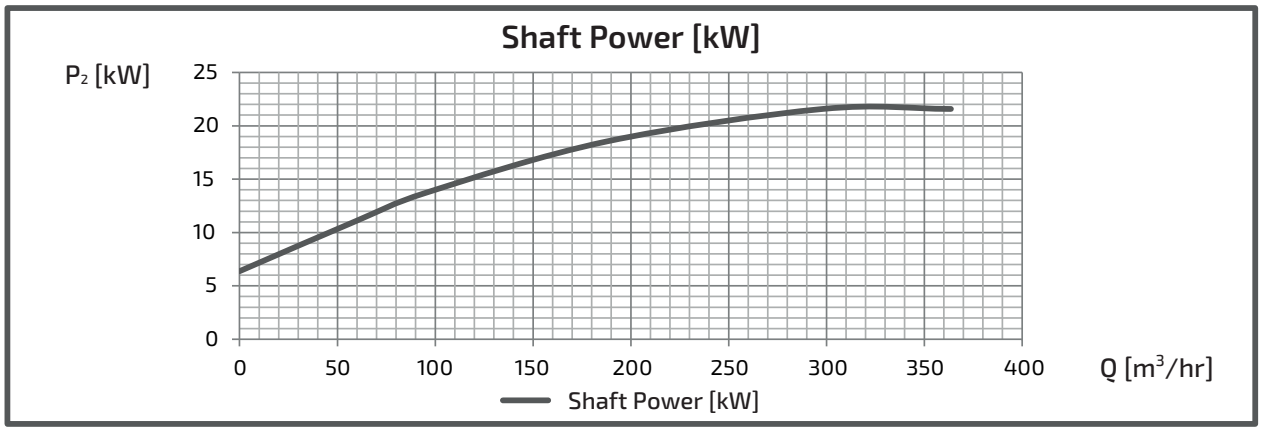


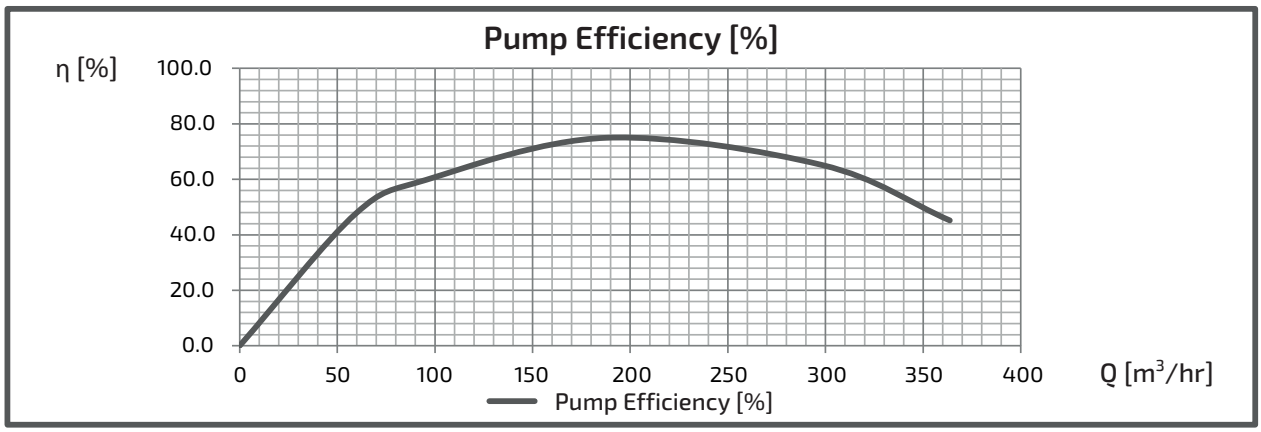
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1505M(G)4ME22

■ PERFORMANCE CURVES



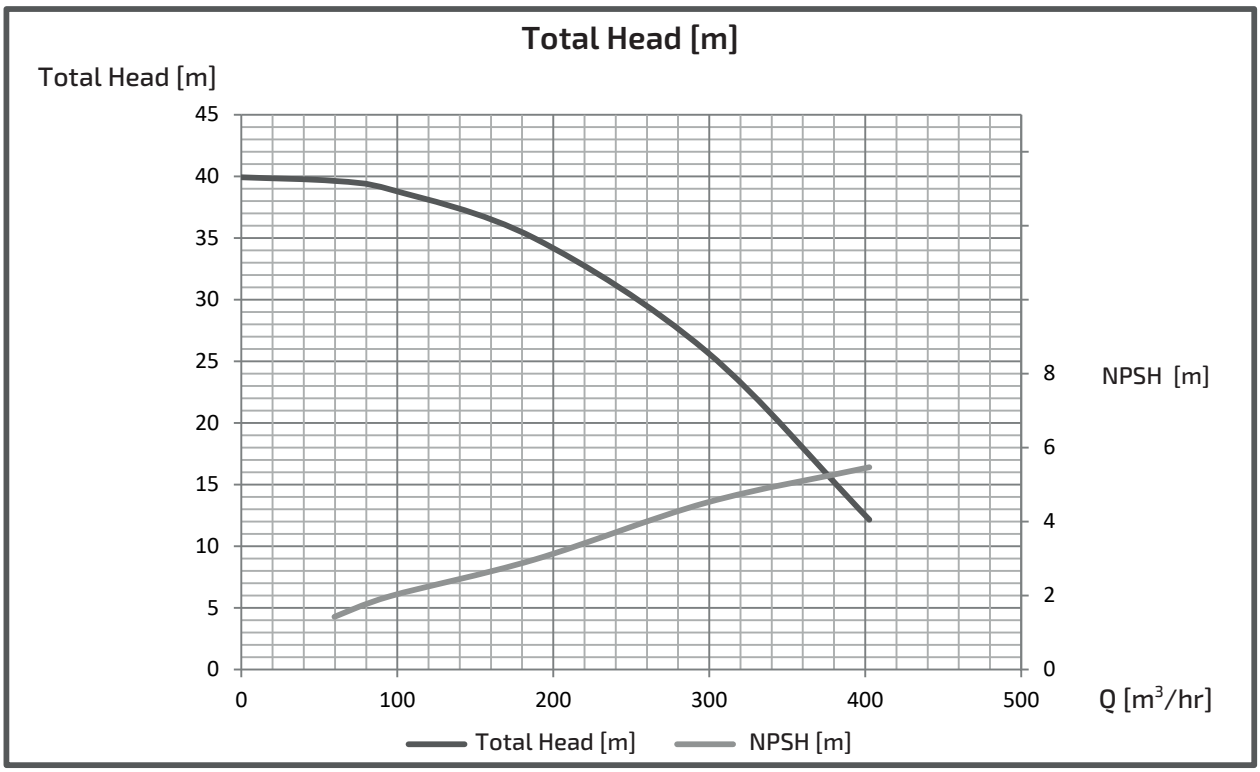


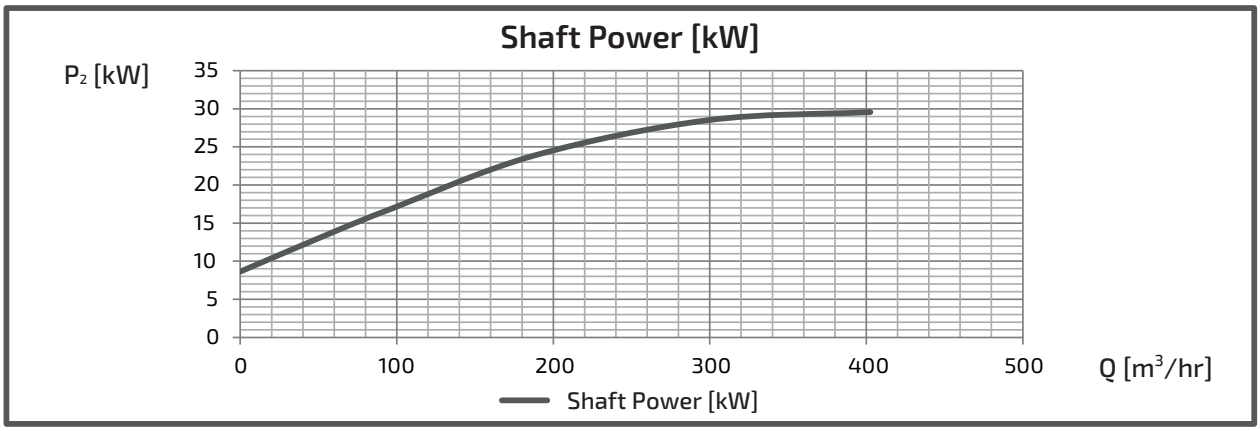


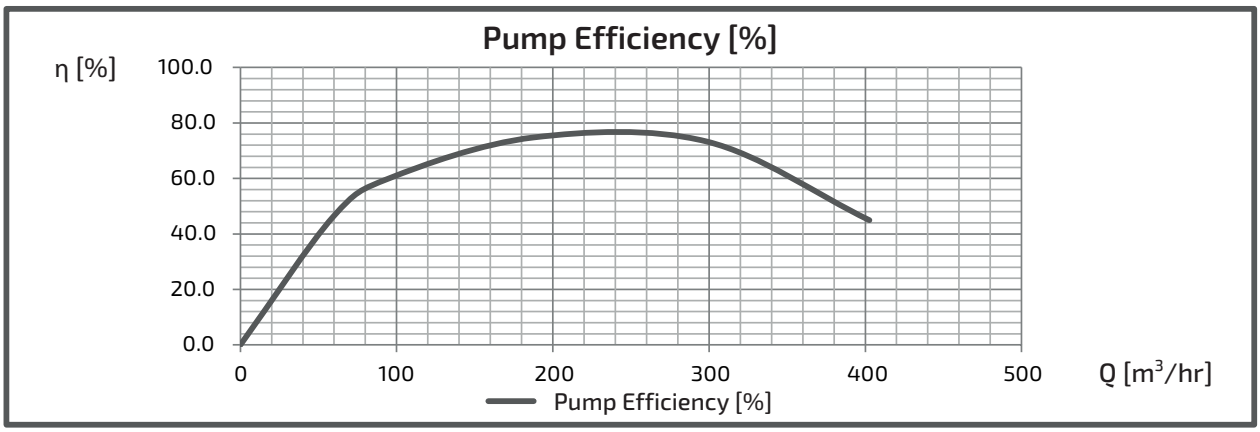
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1505M(G)4ME30

■ PERFORMANCE CURVES



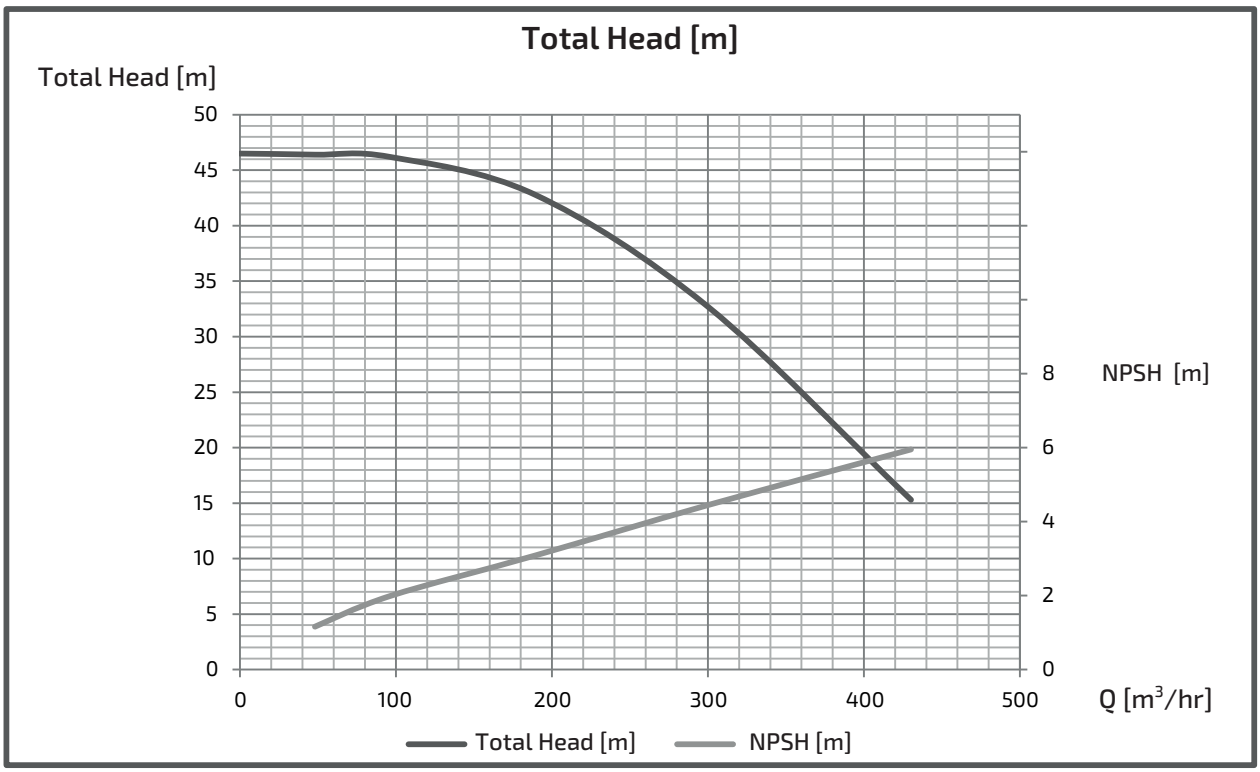


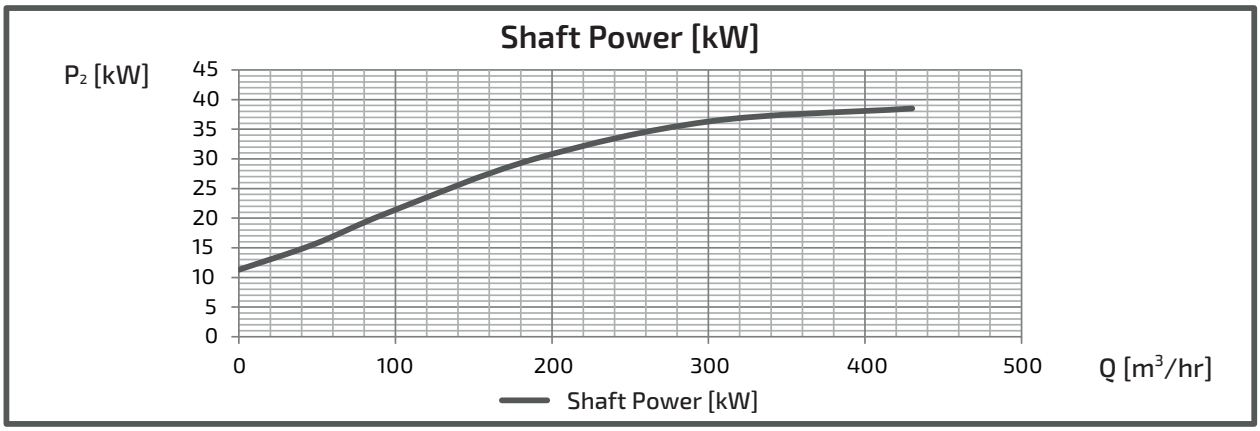


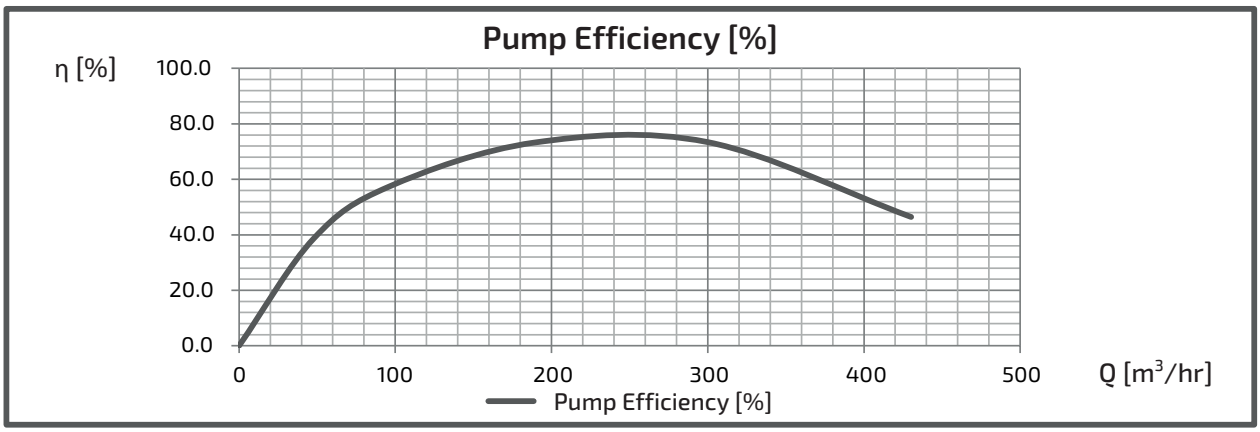
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEM1505M(G)4ME37

■ PERFORMANCE CURVES



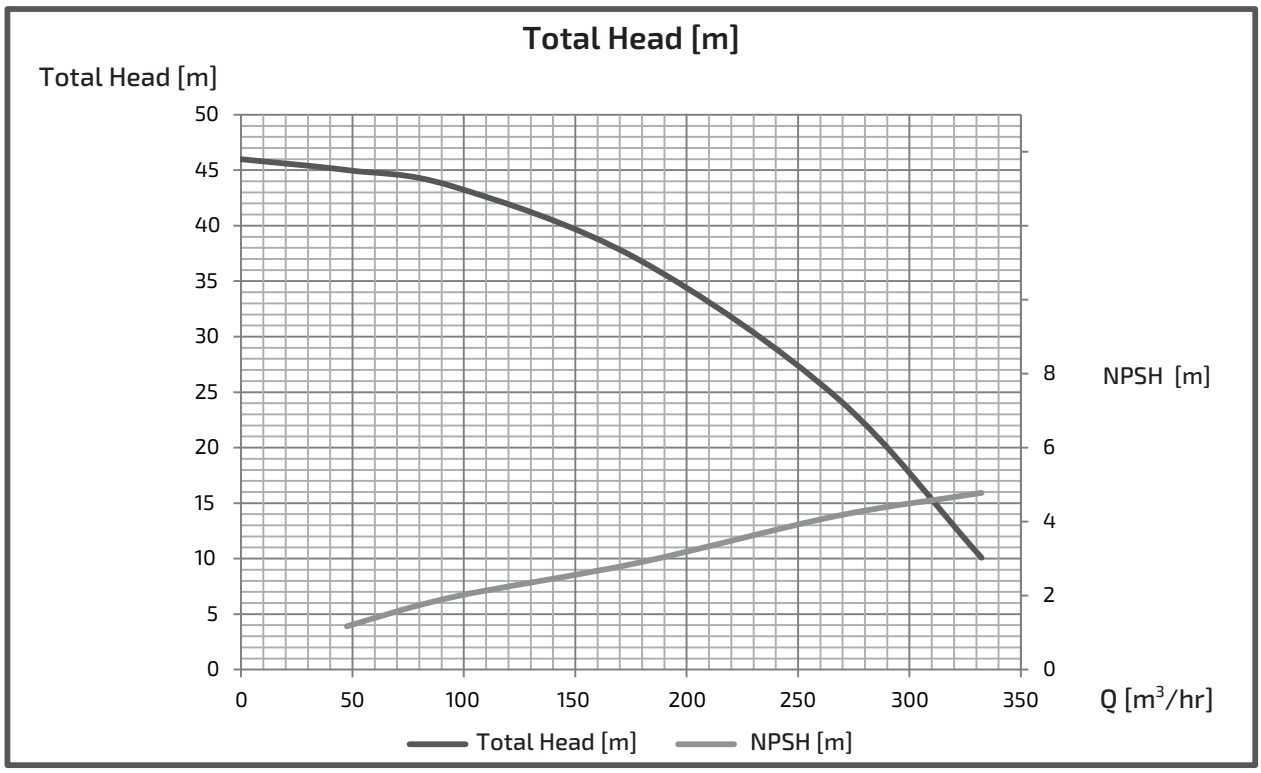


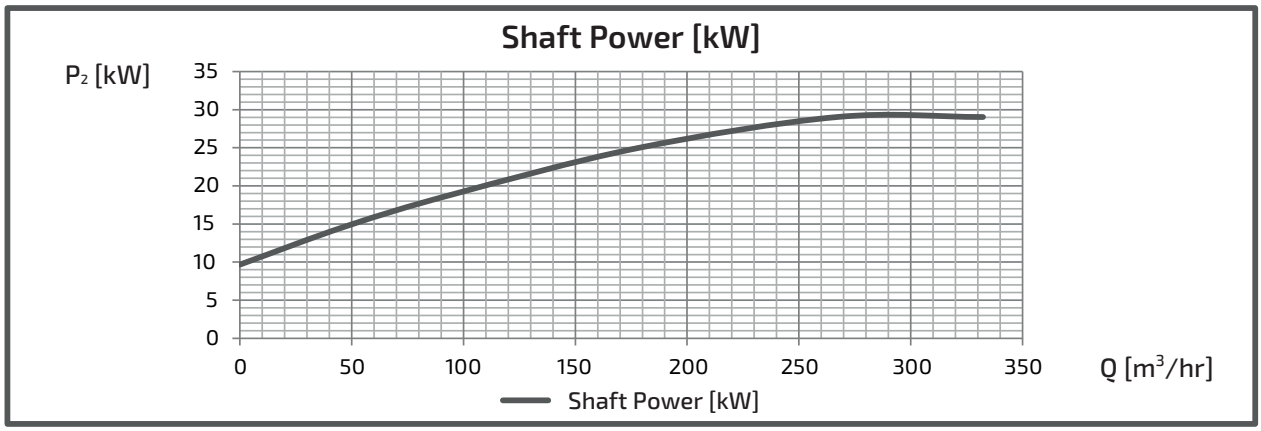


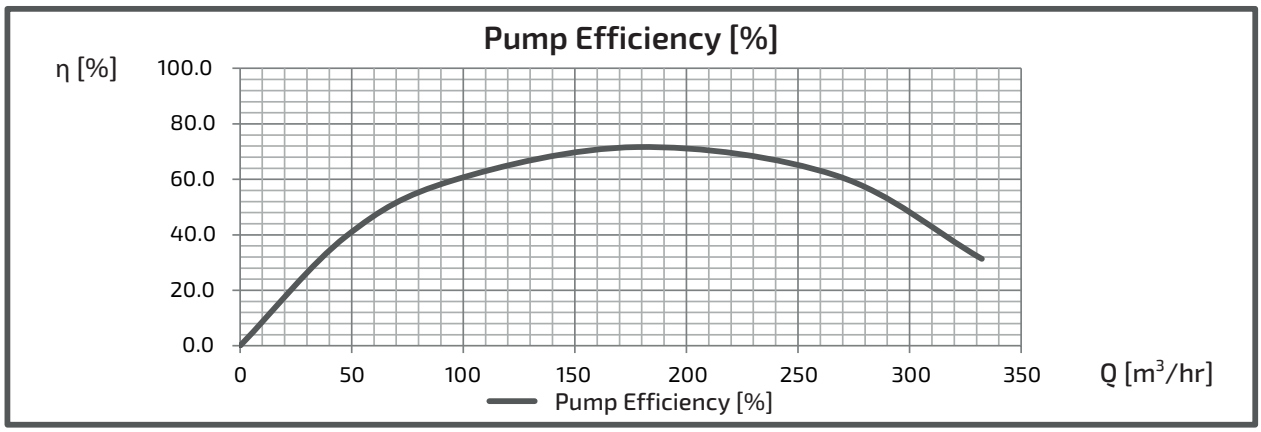
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1505M(G)4ME30

■ PERFORMANCE CURVES



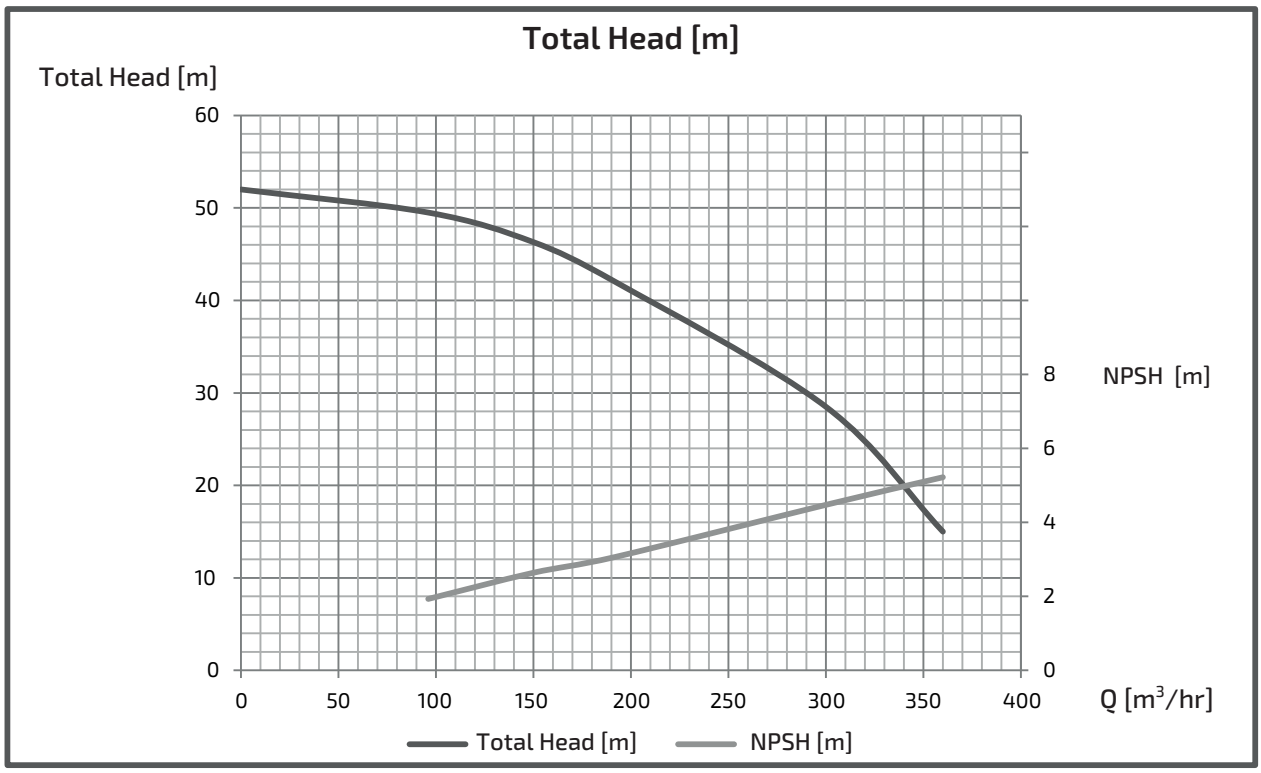


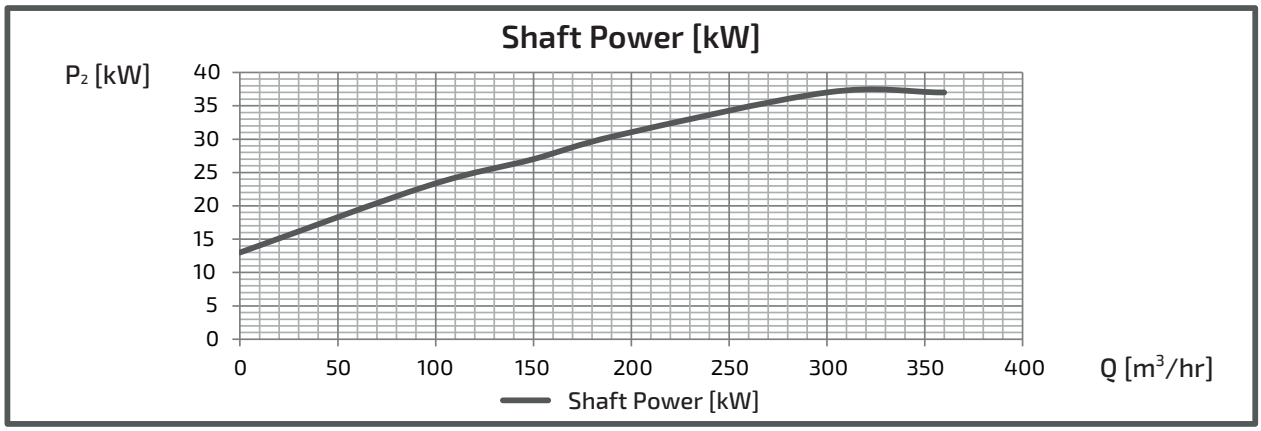


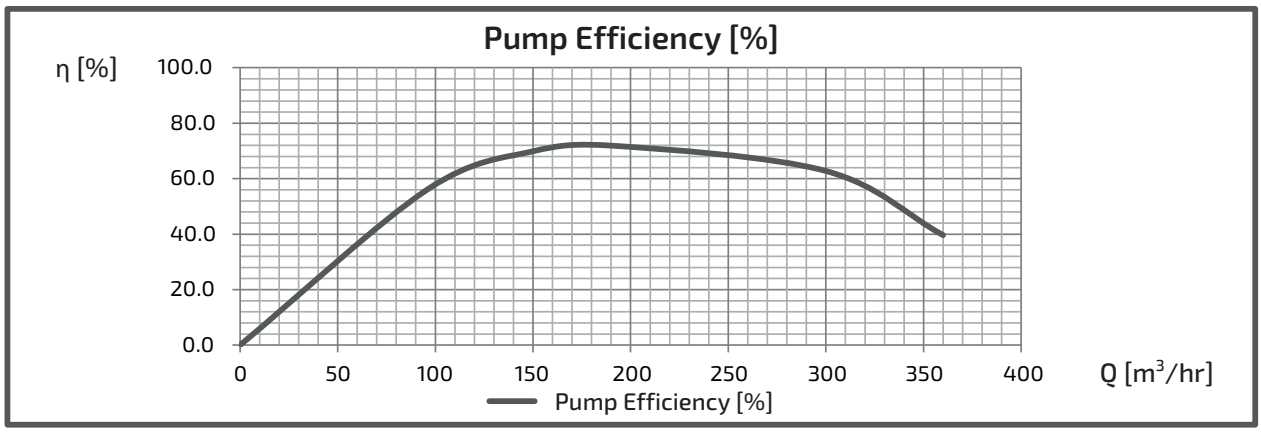
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1505M(G)4ME37

■ PERFORMANCE CURVES



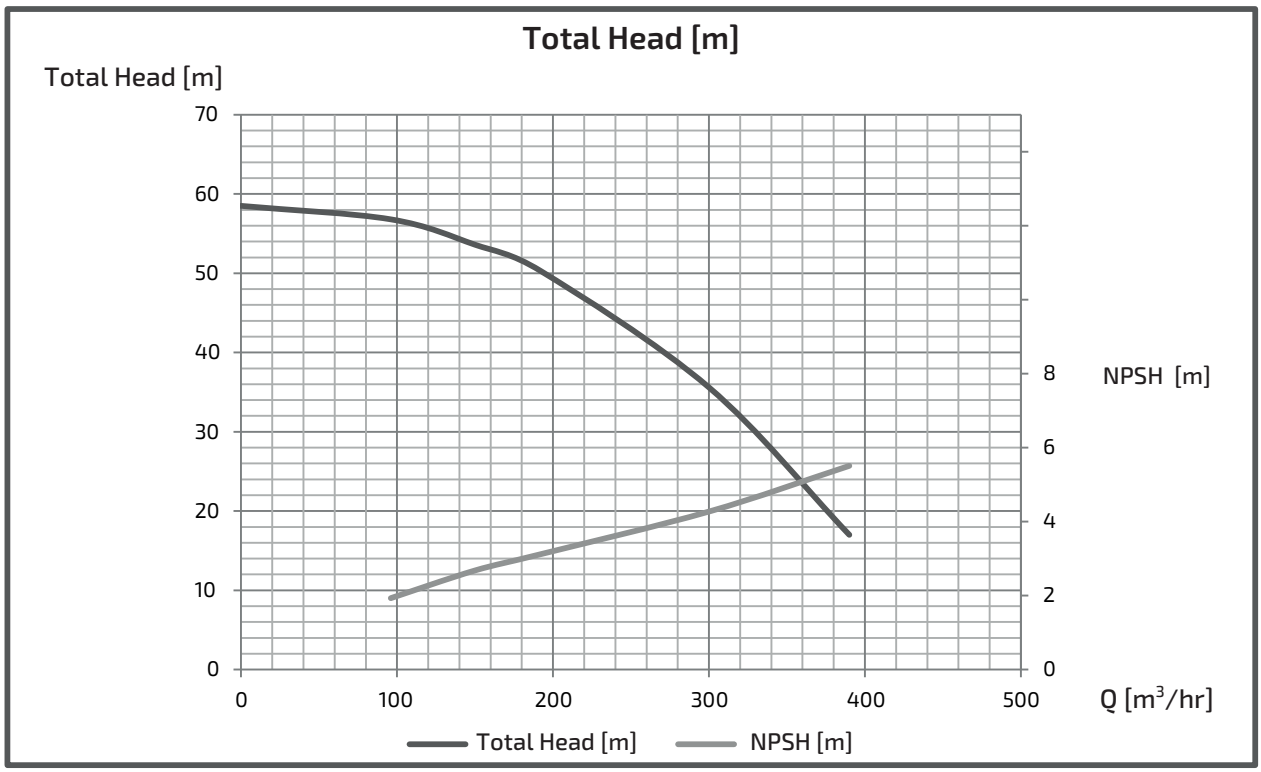


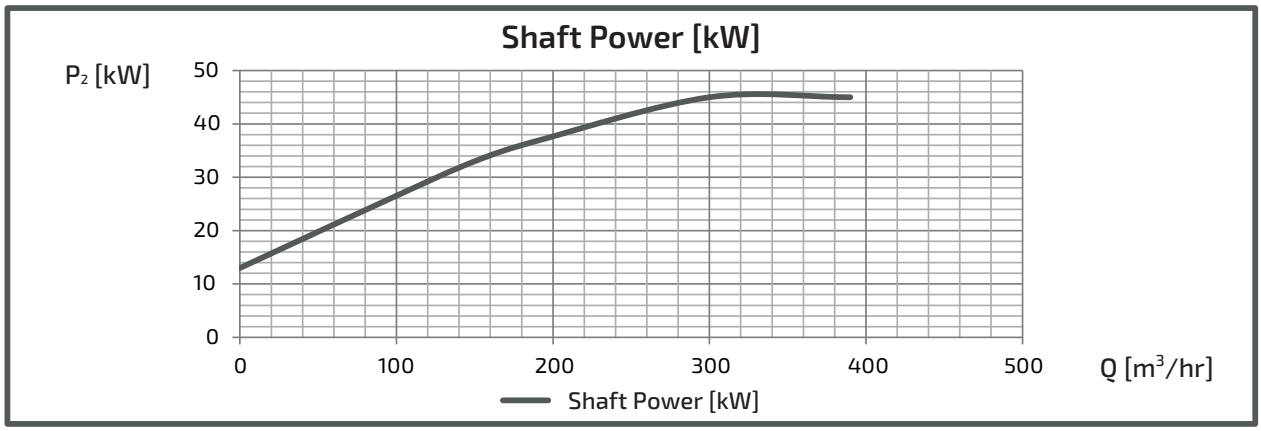


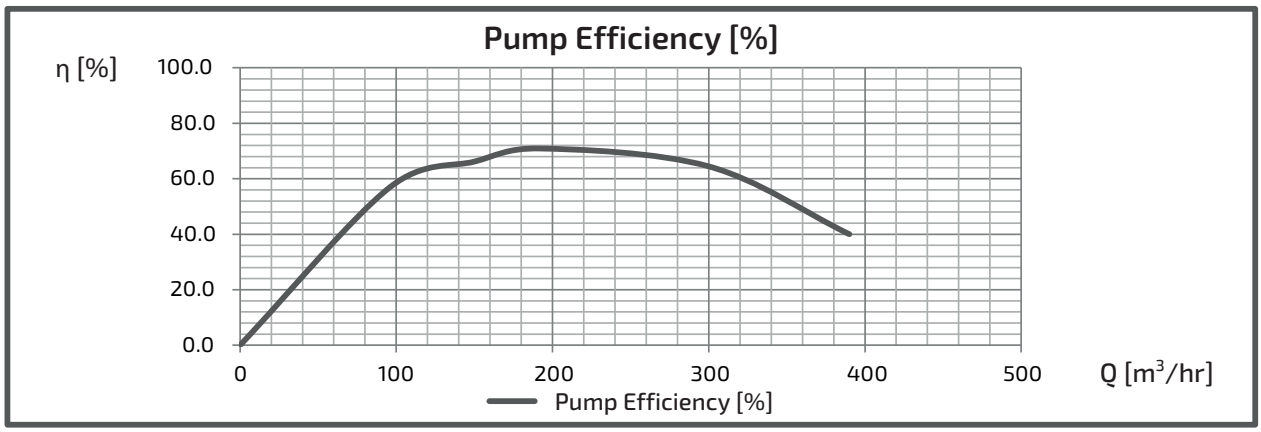
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1505M(G)4ME45

■ PERFORMANCE CURVES



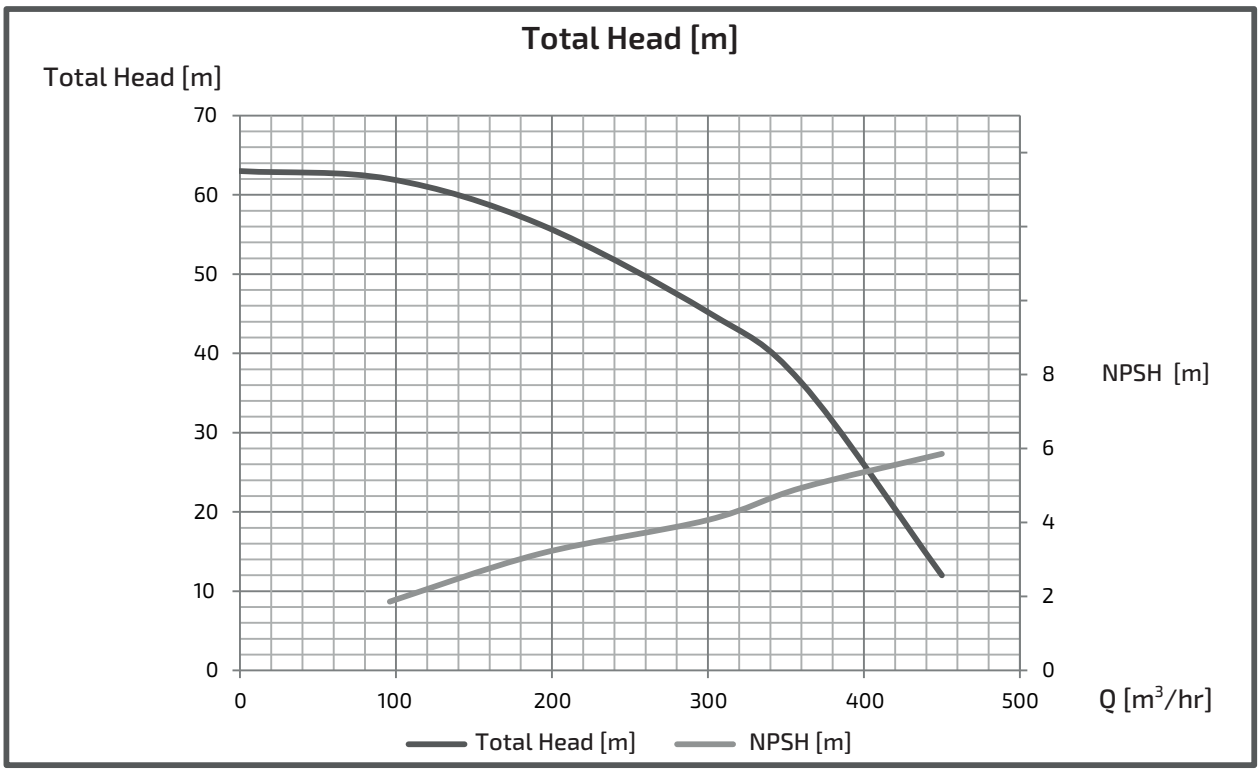


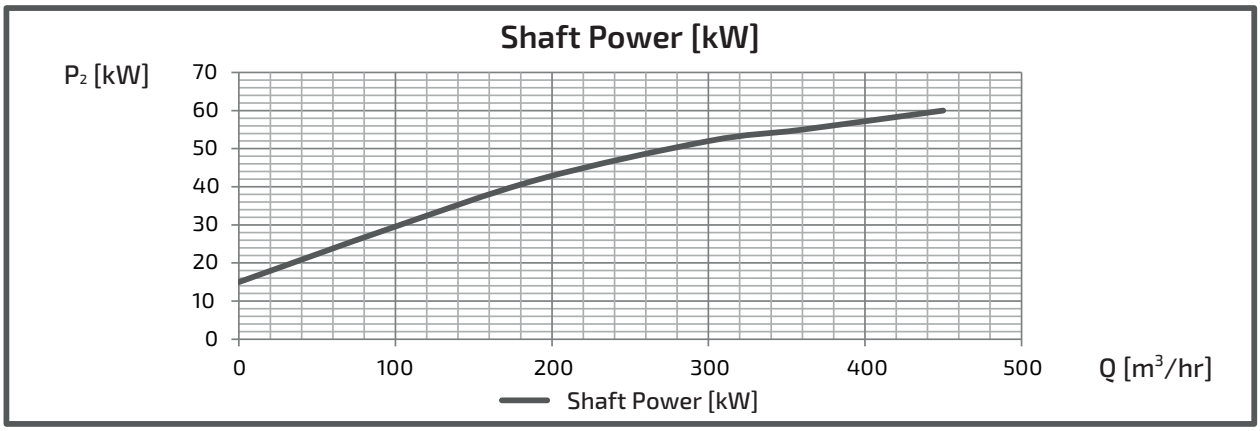


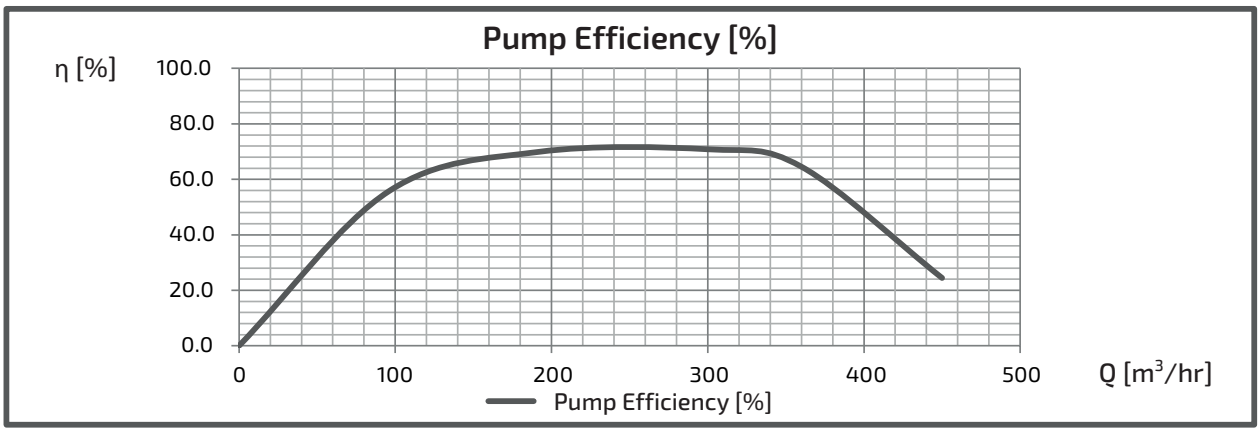
INDIVIDUAL EXPECTED PERFORMANCE CURVE

MODEL : GEO1505M(G)4ME55

■ PERFORMANCE CURVES







IMPORTANT SAFETY PRECAUTIONS

Always read the manual thoroughly and fully comprehend the contents for safe operation before starting use. Precautions for using products safely and for preventing personal injuries or physical damage are given in the manual.

- Matters falling under the following may not be covered by the warranty: uses out of the specified scope of application, failure to comply with precautions, improper repairs and alterations, matters arising from natural disasters, matters arising from the installation environment (improper power source, foreign objects, sand etc.), non-compliance with laws and regulations or standards pertaining thereto, accidental or intentional damage or injury, replacement of consumable parts, defects due to resale, etc.

- Do not use the product for applications out of the product specifications. Doing so may cause electric shock, fire, water leakage, etc.

- Have spare equipment ready when using pumps for equipment for living things (fish farms, fish tanks, aquariums, etc.) or critical equipment.

- Pump failure may cause lack of oxygen and water quality deterioration, and may affect the lives of the living things.
  When using pumps for equipment for living things (fish farms, fish tanks, aquariums, etc.), do not install the pump in the tank where the living things are put into. The current leakage or sealing liquid leak from the mechanical seal may cause the death of the living things.

- If used to transport food-related items, give due consideration to the materials used. Contamination by foreign objects may occur.

- Avoid using for living things which disagrees with copper alloy. It may affect the lives of the living things.

- Select a product which is appropriate for your application. Inappropriate use of products may cause accidents.

- Conduct construction in accordance with the applicable laws and regulations (the Technical Standards of Electric Installation, interior wiring regulation, Building Standards Act, Water Supply Law, etc.). Not only does it violate the laws and regulations, but it also may cause injuries due to electric shock, fire, falling and tipping over.

- Do not use in places where people are assumed to get in contact with the product (baths, pools, lakes, etc.). Electric leak may occur and cause electric shock.

- Depending on the equipment, attach a filter etc. appropriate for your application on the discharge side before use, perform thorough flushing to check that there is no contamination. Cutting oil, rubber mold releasing agent, foreign objects etc. from the manufacturing line and cutting oil, foreign objects etc. from the pipeline may contaminate the liquid which is to be handled.

- Do not operate pumps with a specification of 50Hz at 60Hz. It may cause damage due to overpressure or burn damage of motors etc. due to overload. Do not operate pumps with a specification of 60Hz at 50Hz. Pump performance may be reduced.

- Only repair technicians may disassemble, repair, modify the product or replace cables. Defects may cause failure, damage, electrification or fire.

- It is recommended that both periodic and daily inspections be performed in order to ensure that the pump will operate reliably for as long as possible. Failure to perform inspections may lead to pump failure, accidents etc. For periodic inspections, please consult your distributer or our nearest sales office.

Note
Specifications/Configurations may be altered as a result of improvements and such.