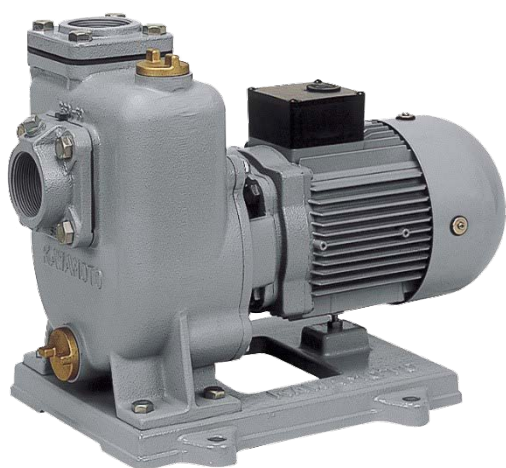


GS02/3-C

GS2/3-C

GS-M

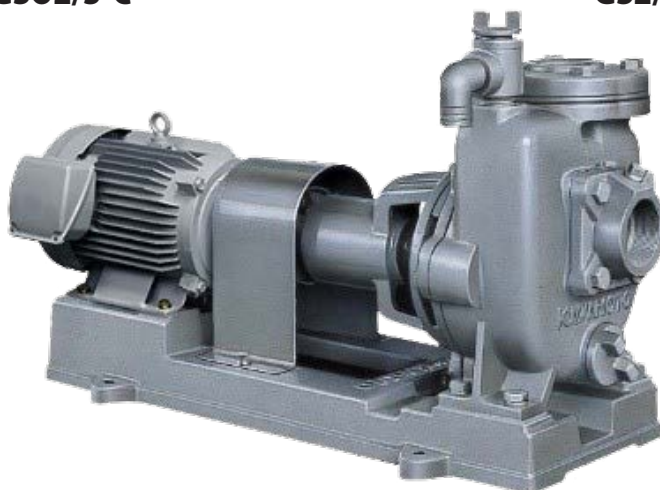
KAWAMOTO SELF-PRIMING PUMP
2 POLES / 50 Hz



GS02/3-C



GS2/3-C



GS-M

GS2/3-C BORE SIZE 25~100MM

APPLICATIONS AND FEATURES

■ APPLICATIONS

- Cooling water
- Industry
- Agriculture
- Setting for machinery equipment

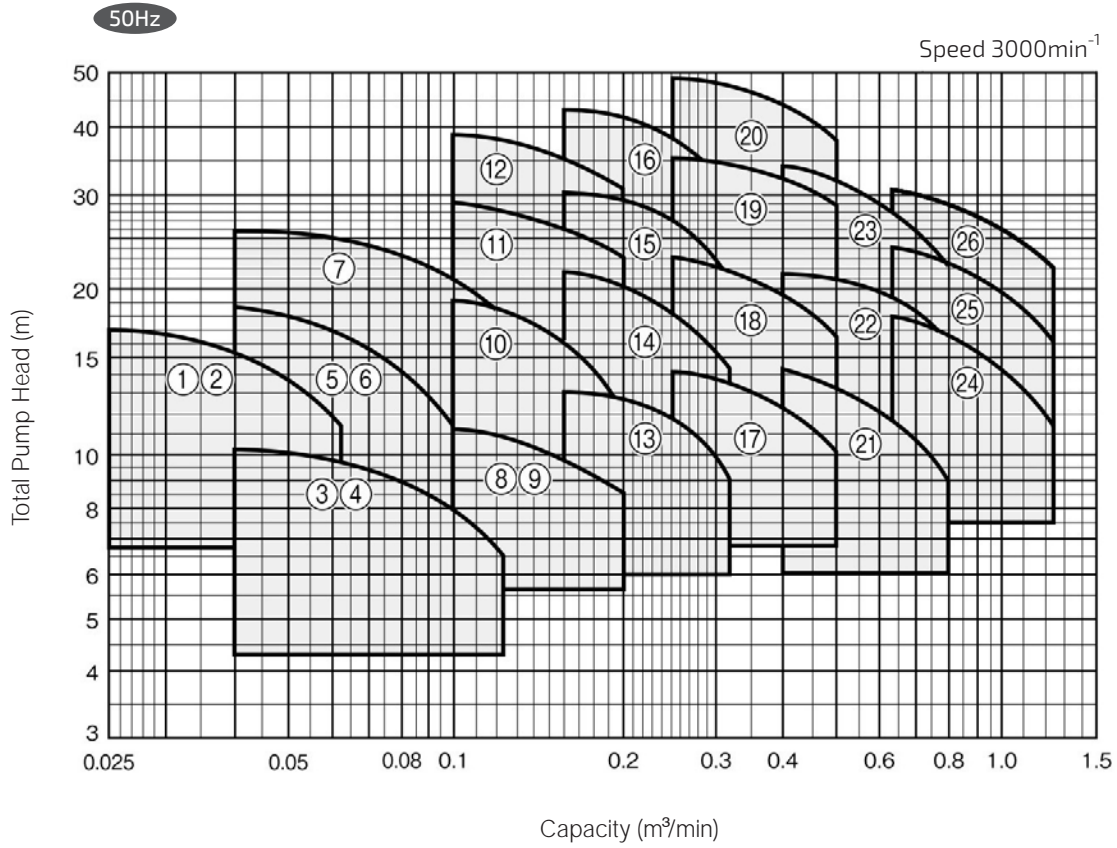
■ FEATURES

- Compact and light weight.
- Self-priming pump construction does not require foot valve.
- Pump and motor are mono-block construction, shaft alignment works is not necessary.
- Easy maintenance and inspection due to back pull out construction.
- TEFC electric motor as standard.

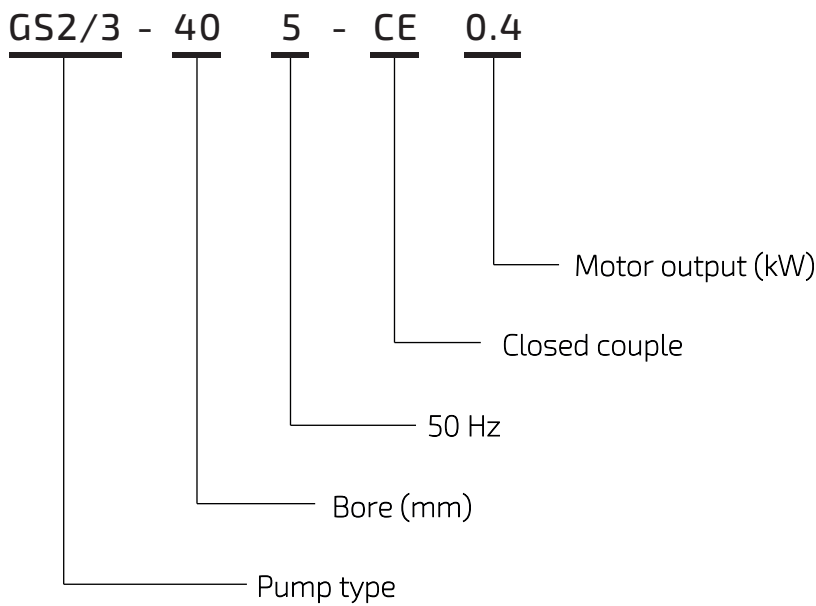
STANDARD SPECIFICATIONS

Description		Model : GS2/3-C
Applicable Liquid		Clean water
Liquid Temperature		0 ~ 45 °C (however there should be no freezing) 0.25 kW : 0 ~ 40 °C
Main Pump	Casing	Cast Iron
	Impeller	Cast Iron or Bronze or Resin (Closed)
	Shaft	SUS304, SUS403 (5.5kW or more)
Motor	Speed	2900 rpm
	Protection	IP54, TEFC
Construction	Shaft Seal	Mechanical seal Ceramic x Carbon

PERFORMANCE CHART (GS2/3-C)



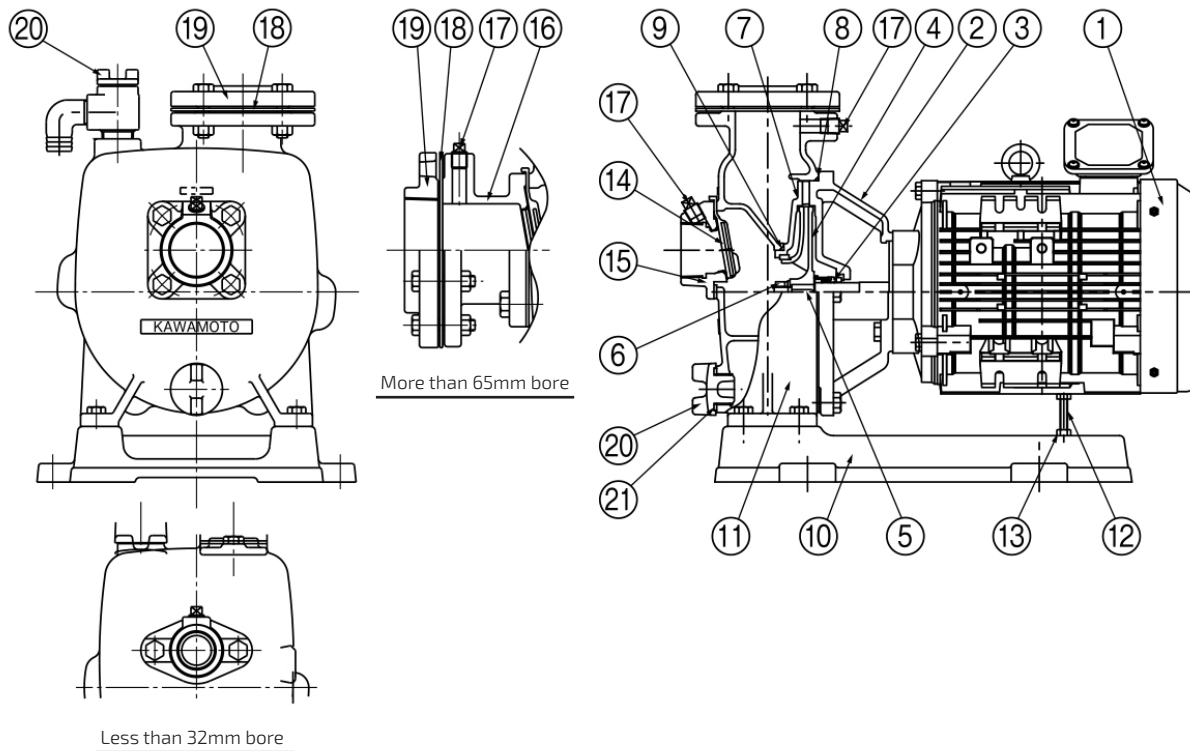
MODEL CODE



SPECIFICATION TABLE

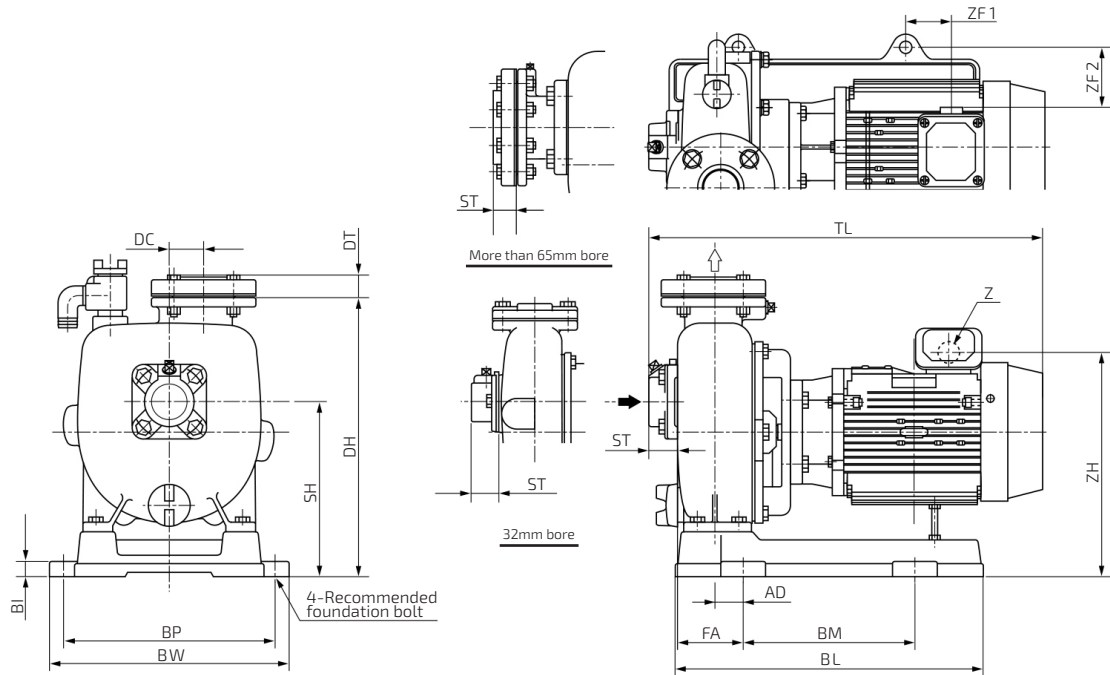
No.	Bore (mm)	Model	Motor (kW)	Performance			
				Capacity (m ³ /min)	Total Head (m)	Capacity (m ³ /min)	Total Head (m)
1,2	25	GS2-255-C0.25T	0.25	0.25	17	0.063	11.5
3,4	32	GS2-325-C0.25T	0.25	0.04	10.2	0.125	6.5
5,6		GS2-325-C0.4T	0.4	0.04	18.8	0.1	11.5
7,8		GS3-325CE0.75	0.75	0.04	25.5	0.123	18
9	40	GS2-405-C0.4T	0.4	0.1	11.2	0.2	8.5
10		GS3-405CE0.75	0.75	0.1	19	0.2	12
11		GS3-405CE1.5	1.5	0.1	29	0.2	23
12		GS3-405CE2.2	2.2	0.1	38.5	0.2	30.5
13	50	GS3-505CE0.75	0.75	0.16	13	0.32	9.2
14		GS3-505CE1.5	1.5	0.16	21.5	0.32	14.5
15		GS3-505CE2.2	2.2	0.16	30.5	0.32	21.5
16		GS3-505CE3.7	3.7	0.16	43	0.32	32
17	65	GS3-655CE1.5	1.5	0.25	14.2	0.5	10.2
18		GS3-655CE2.2	2.2	0.25	23	0.5	16.5
19		GS3-655CE3.7	3.7	0.25	35.5	0.5	28.5
20		GS3-655CE5.5	5.5	0.25	49	0.5	38
21	80	GS3-805CE2.2	2.2	0.4	14.2	0.8	9
22		GS3-805CE3.7	3.7	0.4	21.5	0.8	16.5
23		GS3-805CE5.5	5.5	0.4	34.5	0.8	22
24	100	GS3-1005CE3.7	3.7	0.63	17.8	1.25	11.5
25		GS3-1005CE5.5	5.5	0.63	24	1.25	16.5
26		GS3-1005CE7.5	7.5	0.63	30.5	1.25	22

SECTION DRAWING



No.	Part name	Material	No.	Part name	Material
1	Motor	IE3	11	Casing	Cast iron
2	Deflector	Rubber	12	Bolt	SWRM10
3	Casing cover	Cast iron	13	Nut	SWRM10
4	Mechanical seal	Ceramic x Carbon	14	Check valve	Rubber
5	Impeller	Cast iron, Bronze	15	Flange	Cast iron
6	Nut	C3604	16	Connecting pipe	Cast iron
7	Guide vane	Cast iron	17	Plug	SWCH10K
8	O-Ring	Rubber	18	Packing	Rubber
9	O-Ring	Rubber	19	Flange	Cast iron
10	Base plate	Cast iron	20	Plug	C3771BD
			21	Ring packing	Rubber

PUMP DIMENSION

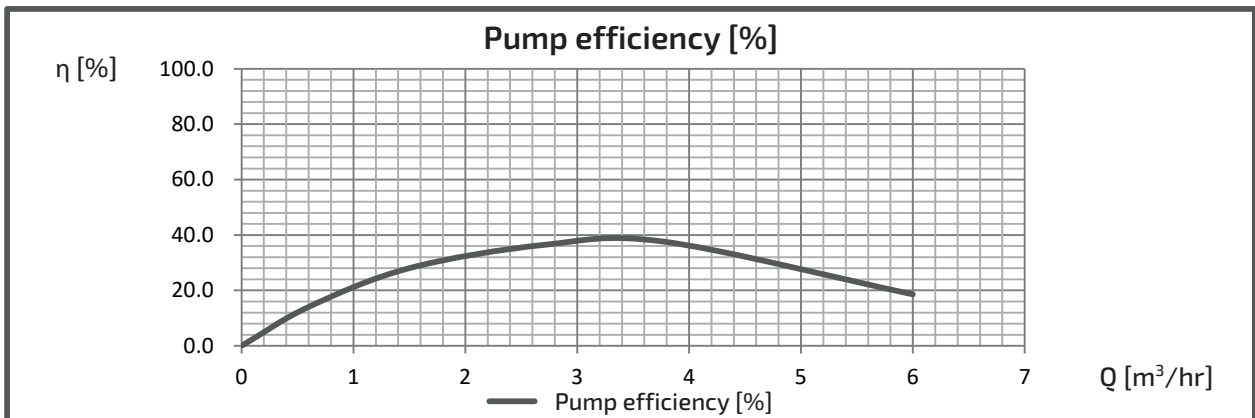
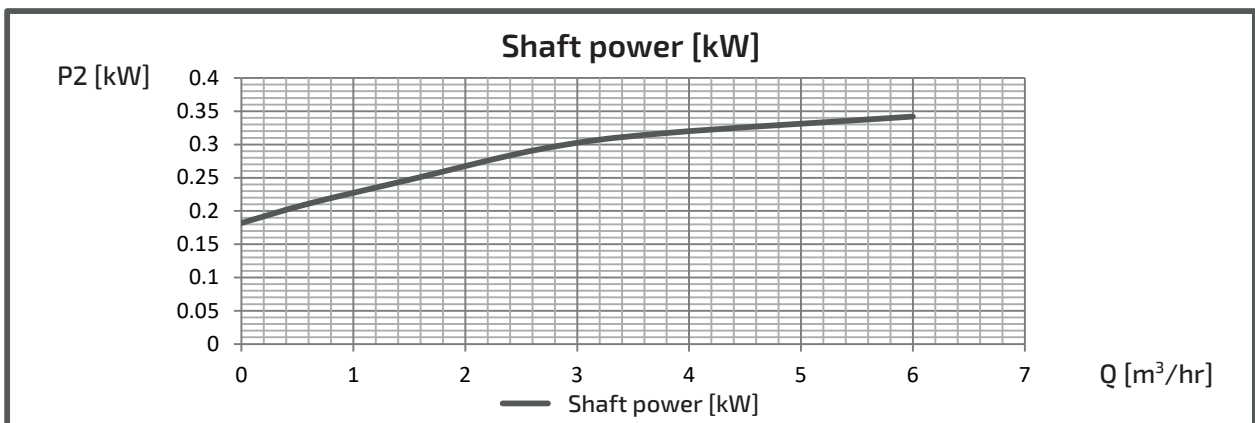
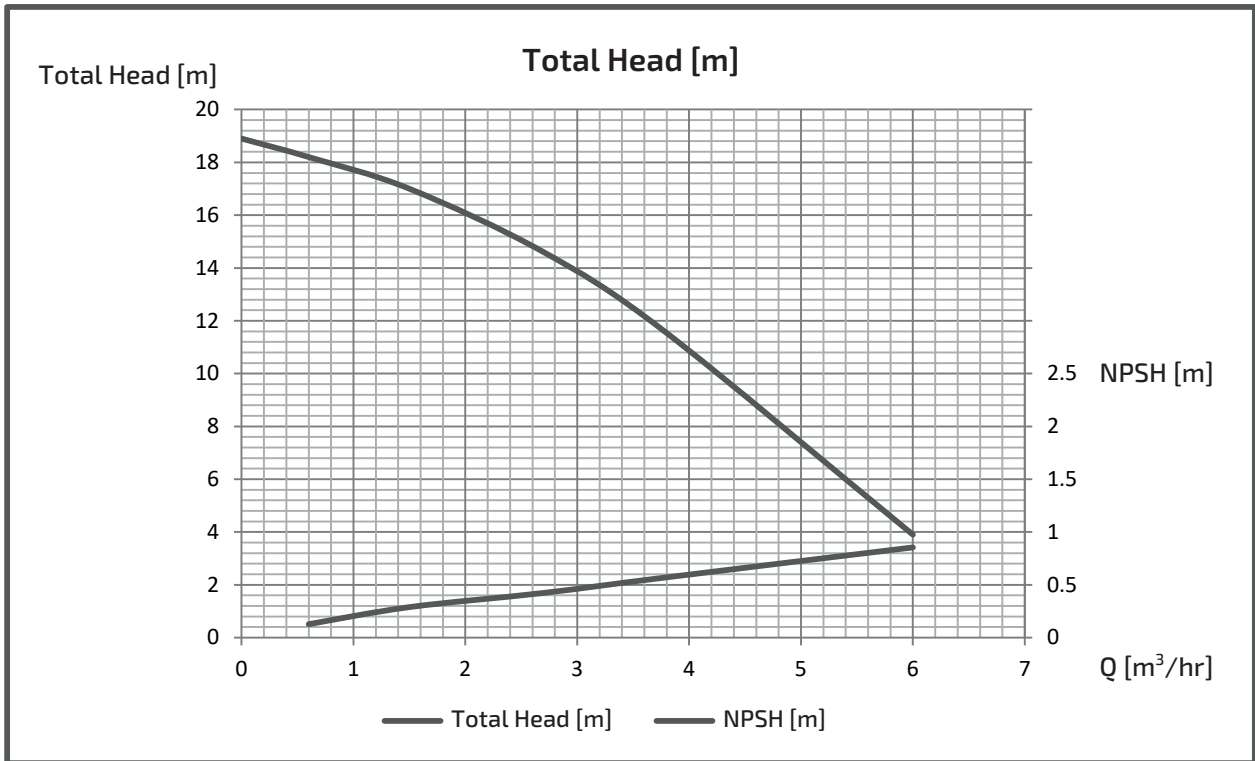


Bore (mm)	Model	Motor (kW)	Impeller Material	Pump			Base				Combination				Other				Weight (kg)			
				DC	ST	DT	BI	BL	BM	BW	BP	TL	FA	AD	SH	DH	ZF1	ZF2		ZH	Z	
25	GS2-255-C0.25T	0.25	Resin	40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	210	Ø16	20	
32	GS2-325-C0.25T	0.25	Bronze	30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	225	Ø16	19	
	GS2-325-C0.4T	0.4		40	38	23	20	357	200	284	250	408	50	10	190	305	25	71	245	Ø16	26	
	GS3-325CE0.75	0.75		40	38	23	20	357	200	284	250	465	55	5	212	327	65	62	289	G¾	40	
40	GS2-405-C0.4T	0.4		Cast iron	35	38	25	20	357	200	284	250	426	57	7	212	327	14	71	257	Ø16	32
	GS3-405CE0.75	0.75	35		38	25	20	357	200	284	250	467	57	2	212	327	65	62	289	G¾	40	
	GS3-405CE1.5	1.5	Bronze	50	38	25	20	398	250	314	280	493	63	13	232	377	45	80	314	G¾	53	
	GS3-405CE2.2	2.2		50	38	25	20	450	250	344	310	517	88	38	245	400	44	95	327	G¾	60	
50	GS3-505CE0.75	0.75	Cast iron	40	38	27	20	357	200	284	250	484	72	7	217	327	67	62	289	G¾	42	
	GS3-505CE1.5	1.5		40	38	27	20	357	200	284	250	502	72	7	217	327	95	65	294	G¾	47	
	GS3-505CE2.2	2.2		50	38	27	20	398	250	314	280	527	73	18	237	377	69	80	314	G¾	57	
	GS3-505CE3.7	3.7		50	38	27	20	450	250	344	310	552	98	43	250	400	75	92	357	G¾	72	
65	GS3-655CE1.5	1.5		Cast iron	52	31	31	20	398	250	314	280	584	136	-7	247	397	70	80	314	G¾	61
	GS3-655CE2.2	2.2			52	31	31	20	398	250	314	280	608	136	-7	247	397	94	80	314	G¾	65
	GS3-655CE3.7	3.7			55	31	31	25	531	320	404	360	634	160	17	285	460	31	117	382	G¾	81
	GS3-655CE5.5	5.5			55	31	31	25	531	320	404	360	713	160	17	285	460	48	69	432	G1½	123
80	GS3-805CE2.2	2.2		Cast iron	50	33	33	20	398	250	314	280	645	171	3	252	417	94	80	314	G¾	67
	GS3-805CE3.7	3.7			50	33	33	20	398	250	314	280	670	171	3	252	417	125	77	344	G¾	78
	GS3-805CE5.5	5.5			50	33	33	25	531	320	404	360	750	195	27	290	480	48	69	432	G1½	130
100	GS3-1005CE3.7	3.7			Cast iron	60	39	39	25	531	320	404	360	697	188	5	300	480	58	117	382	G¾
	GS3-1005CE5.5	5.5	60			39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1½	138
	GS3-1005CE7.5	7.5	60			39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1½	141

EXPECTED PERFORMANCE CURVE

MODEL : GS2-255-C0.25T

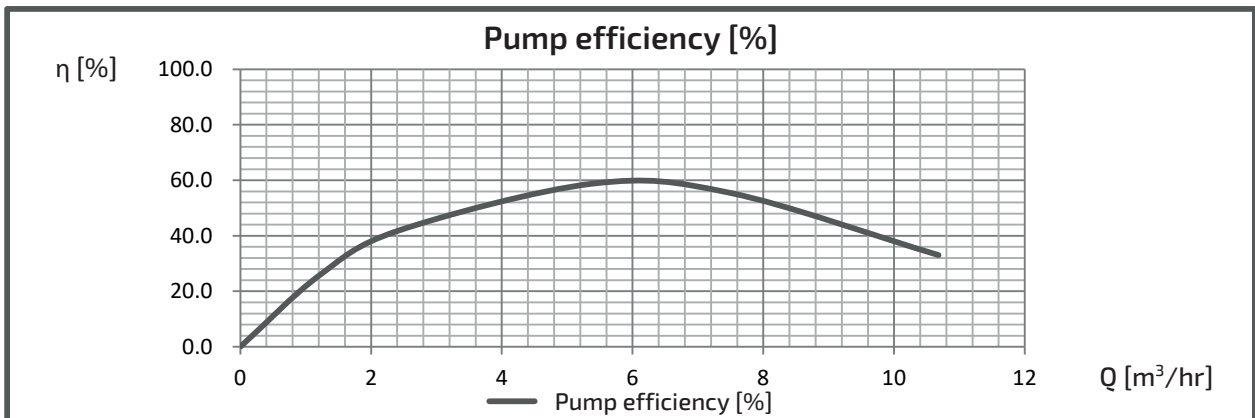
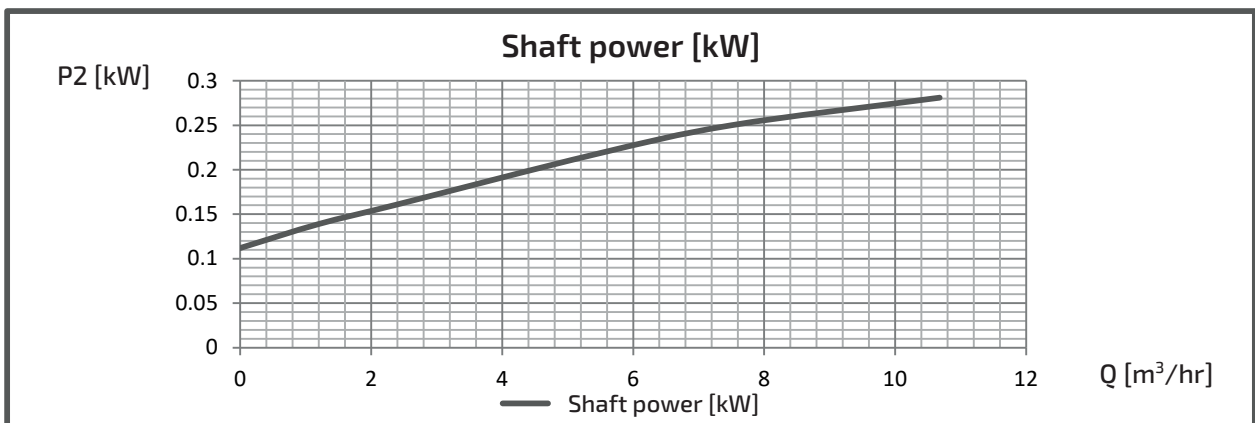
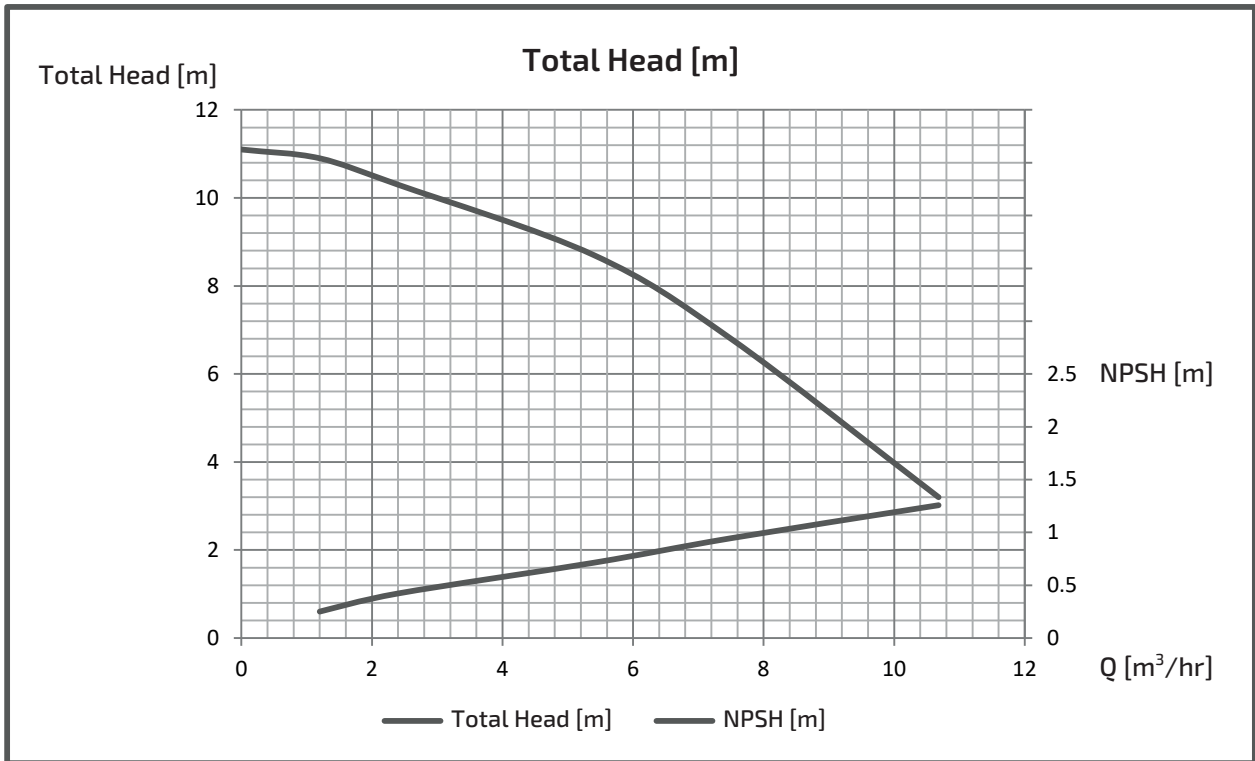
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS2-325-C0.25T

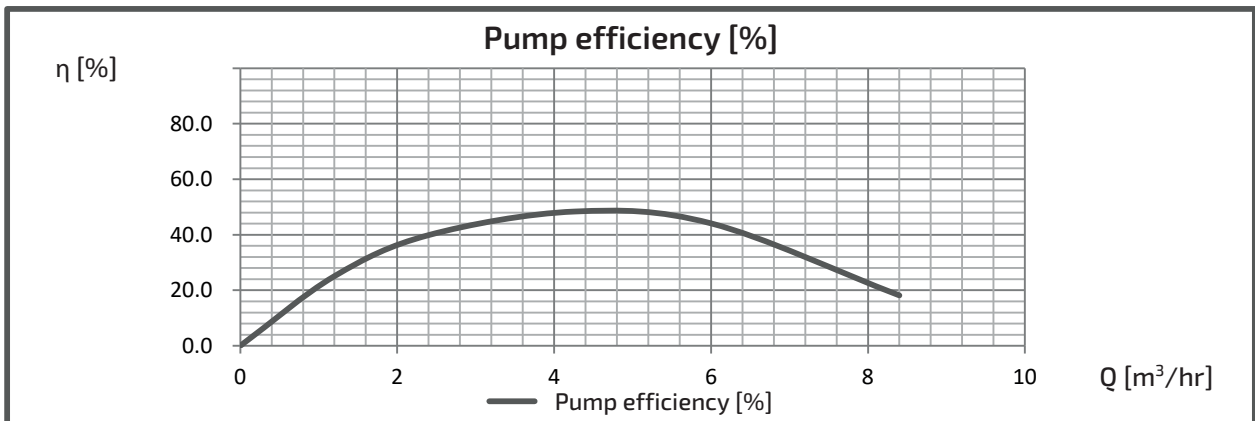
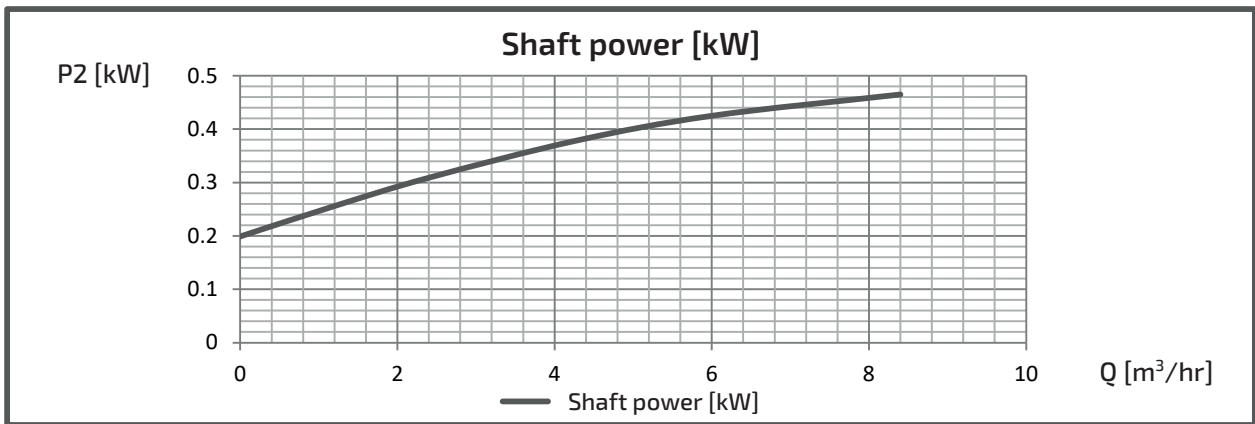
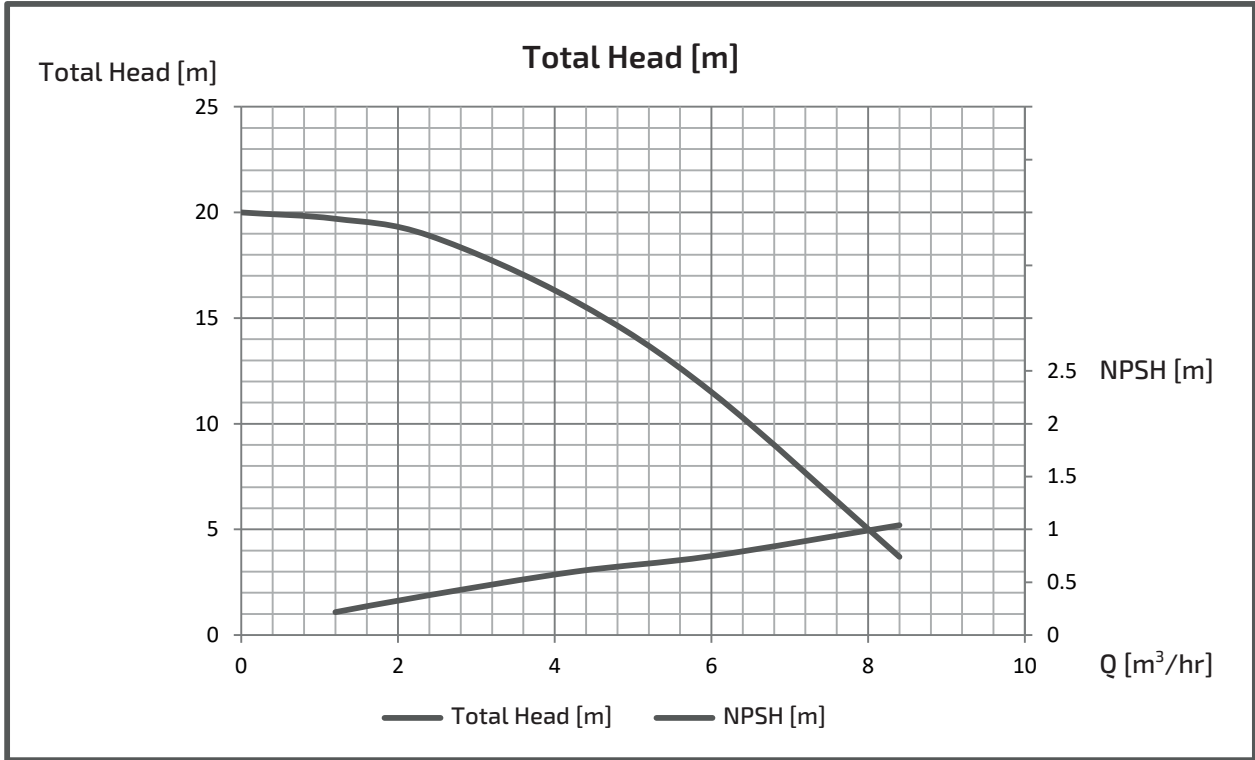
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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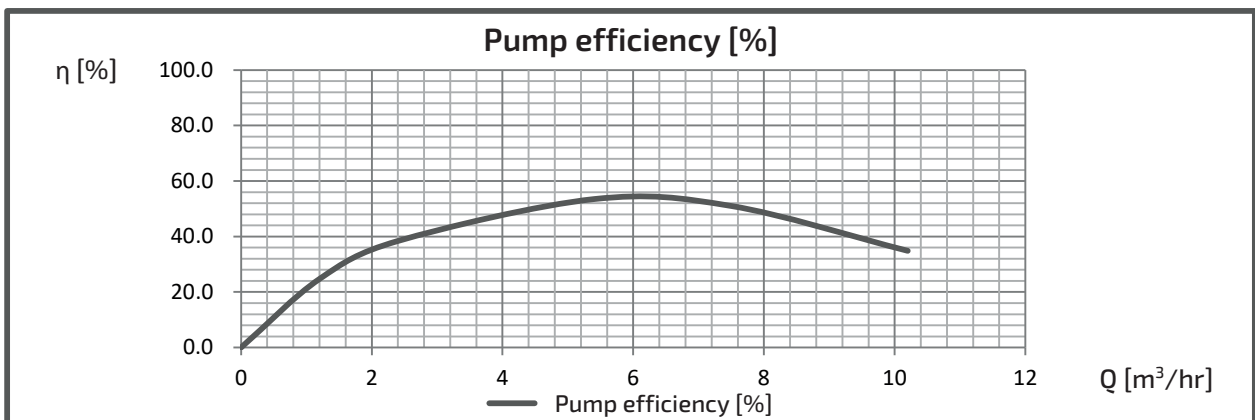
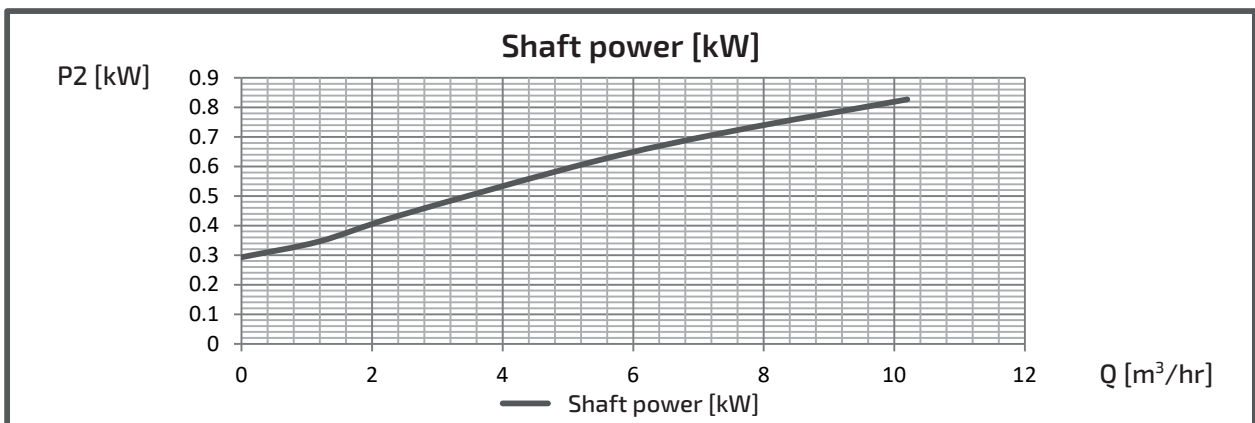
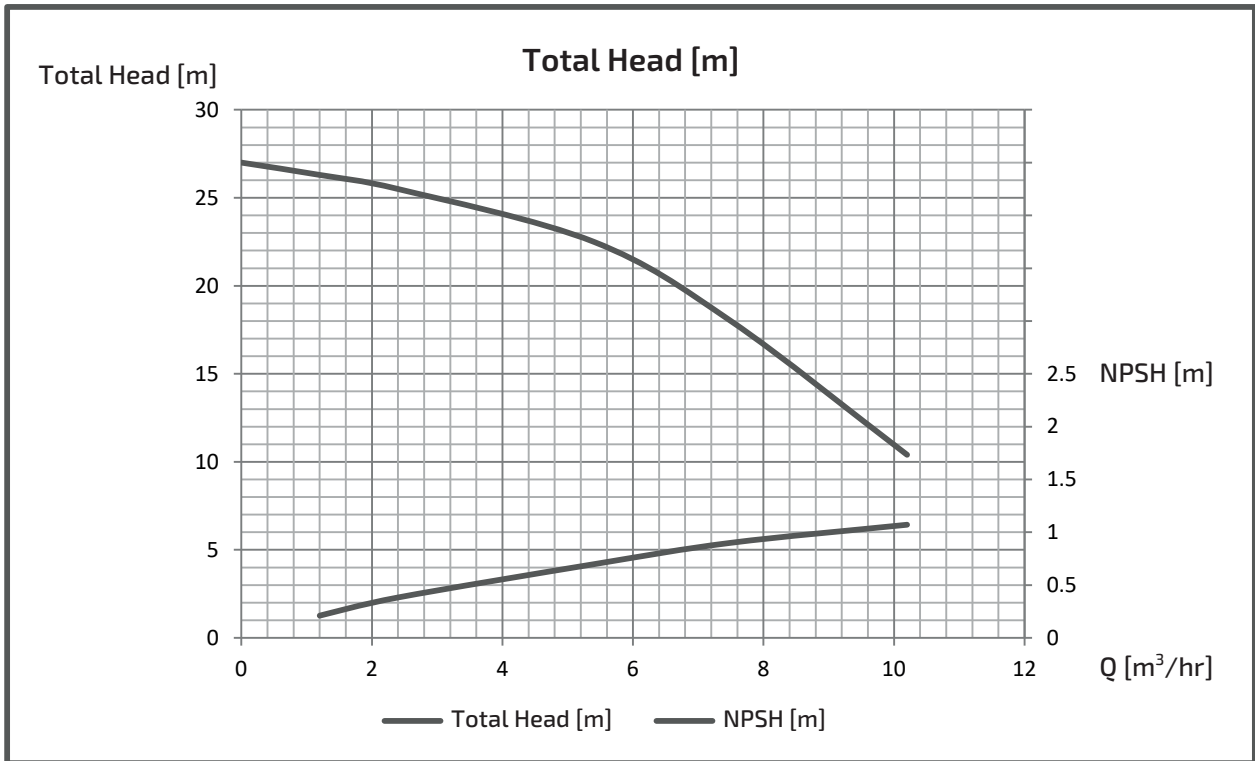
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-325CE0.75

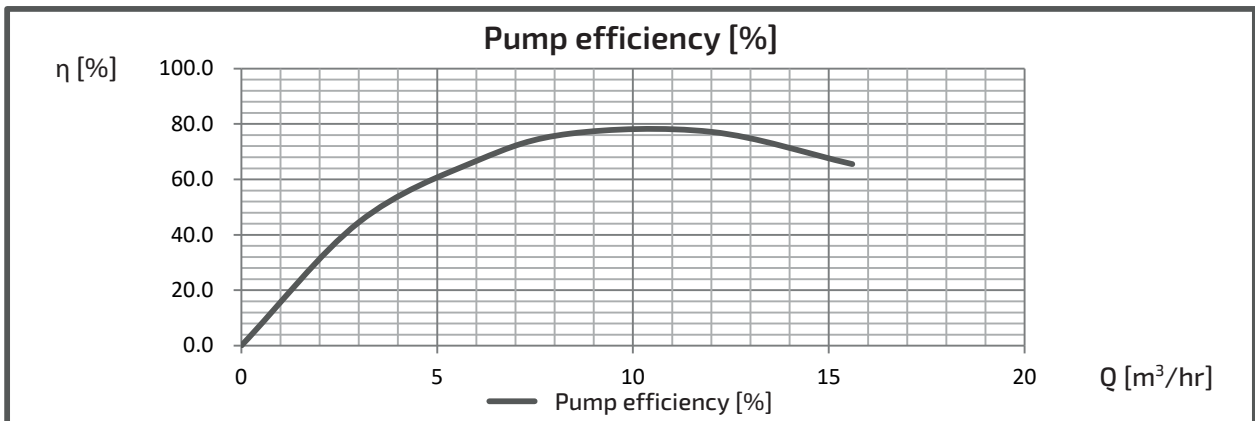
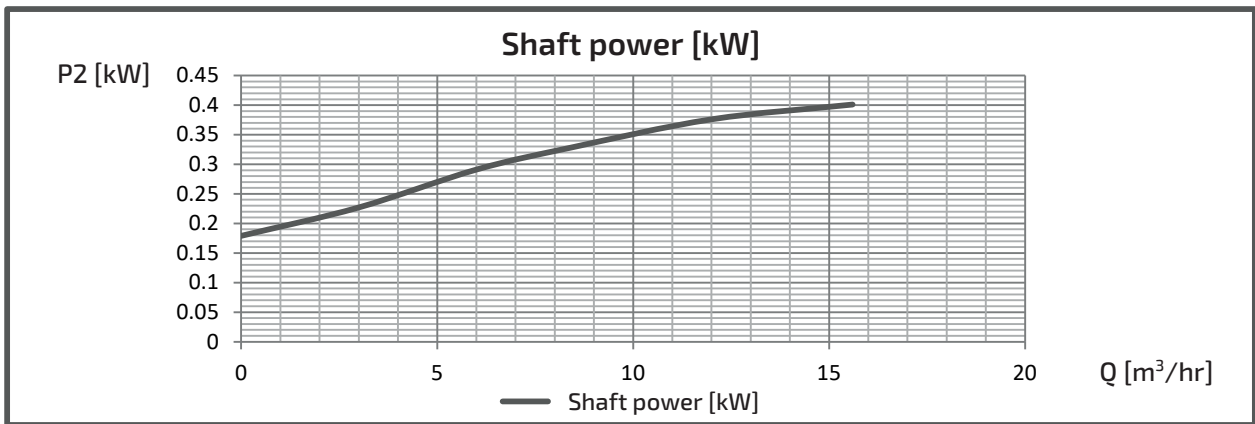
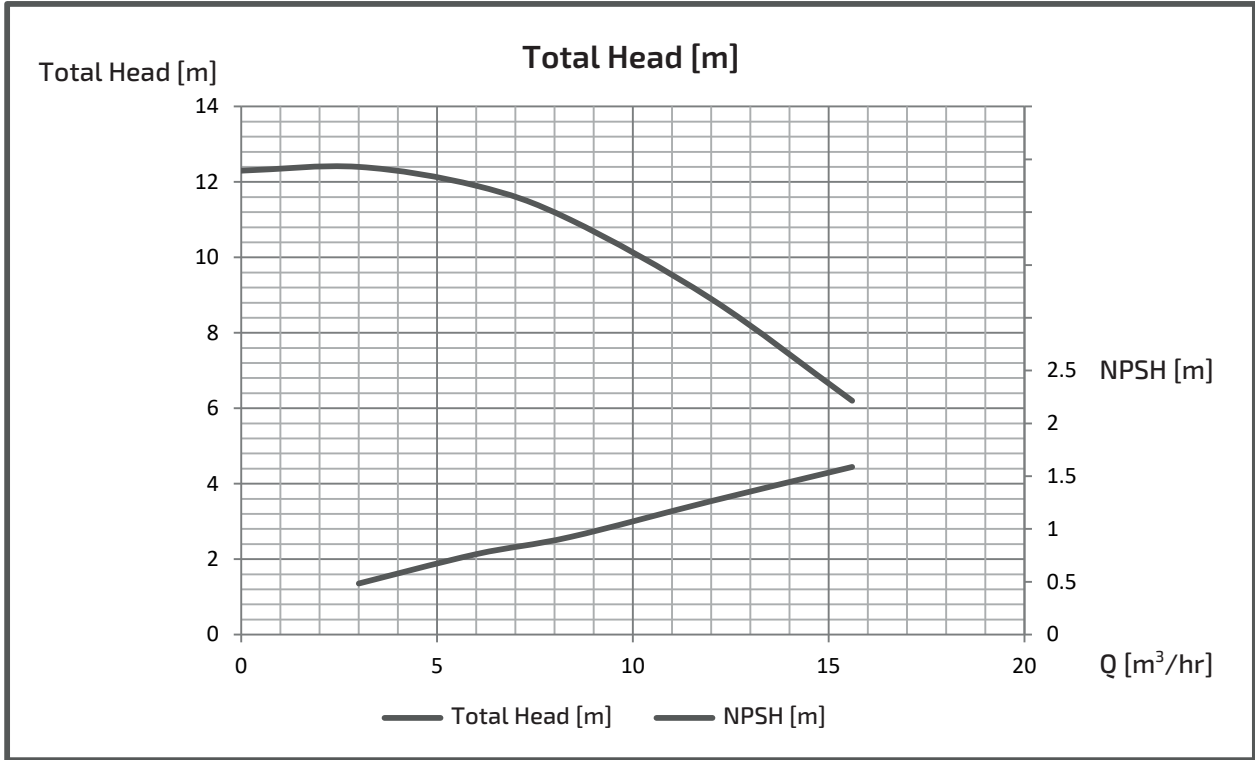
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS2-405-C0.4T

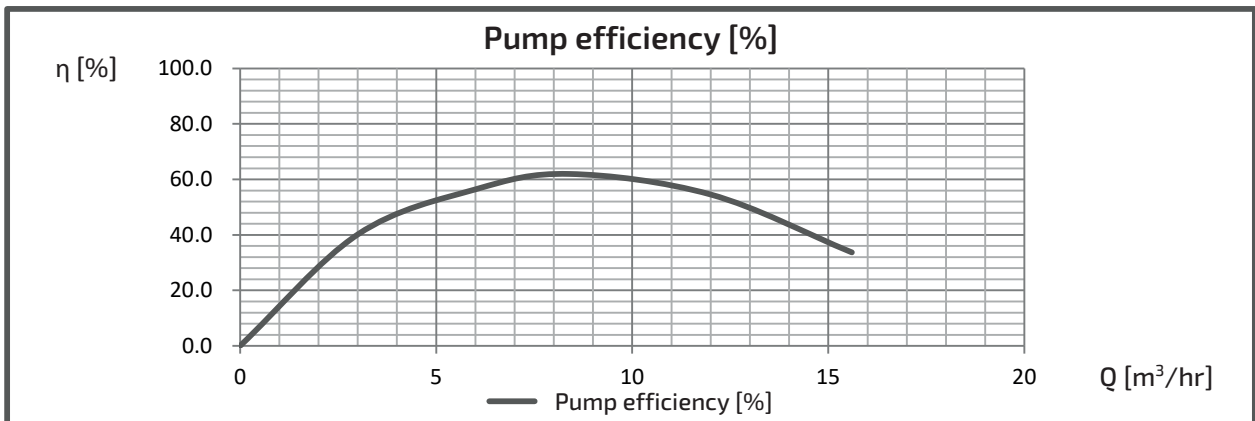
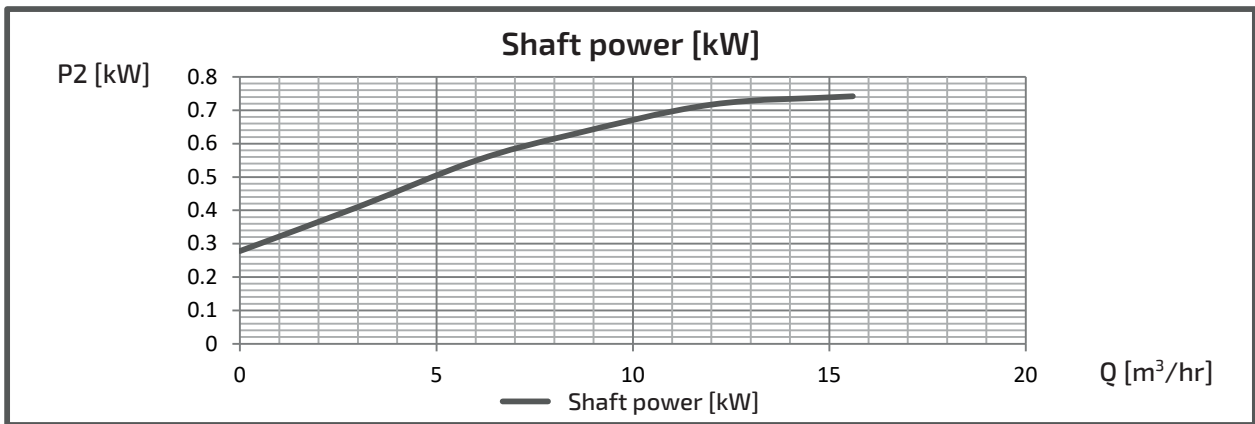
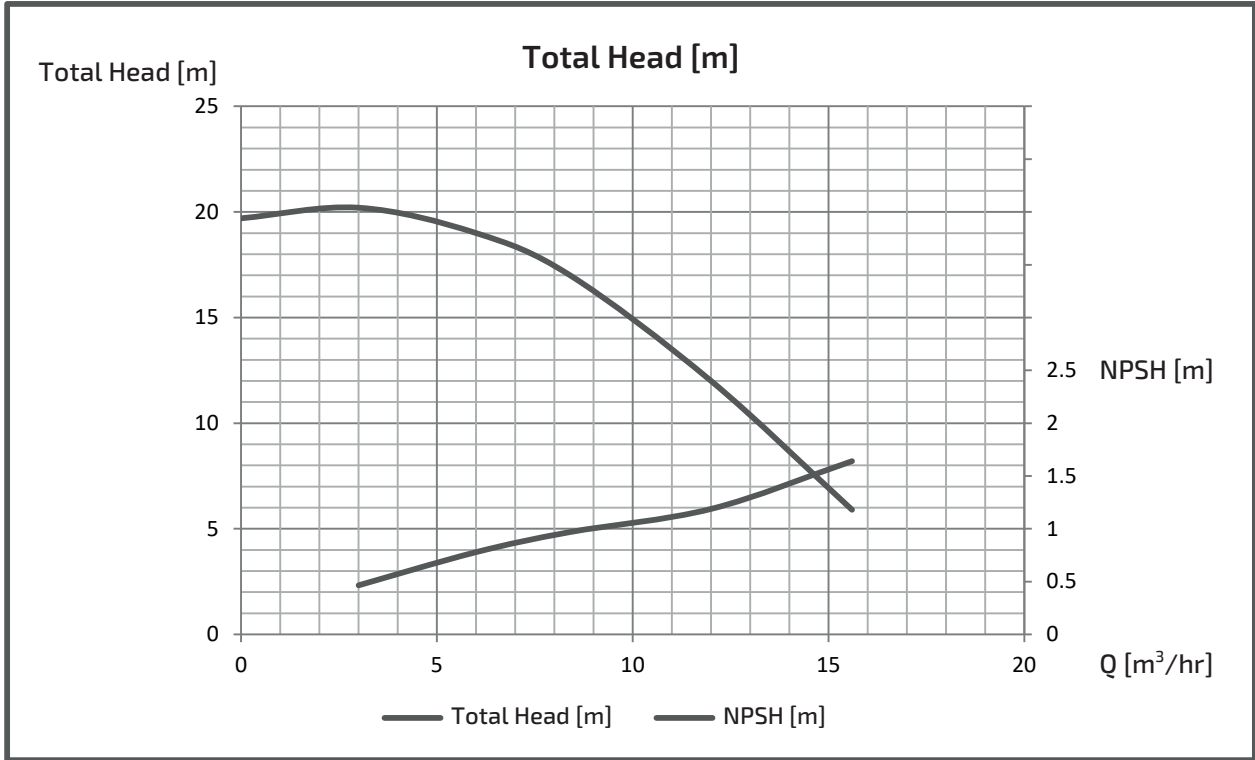
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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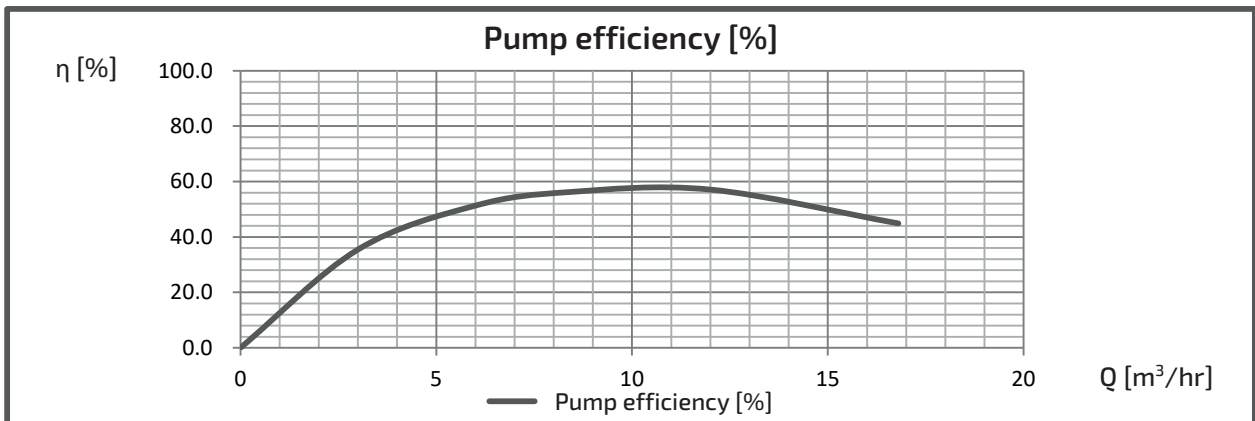
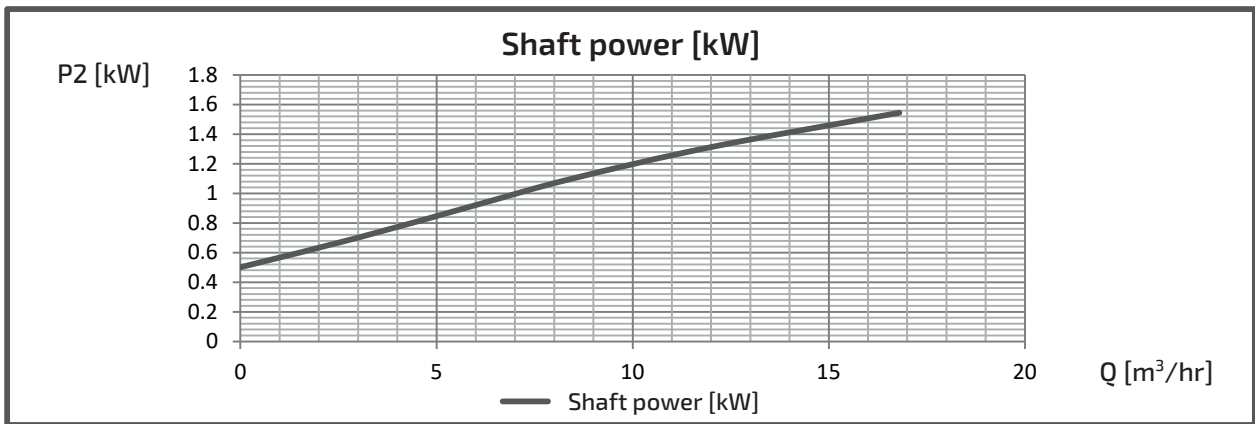
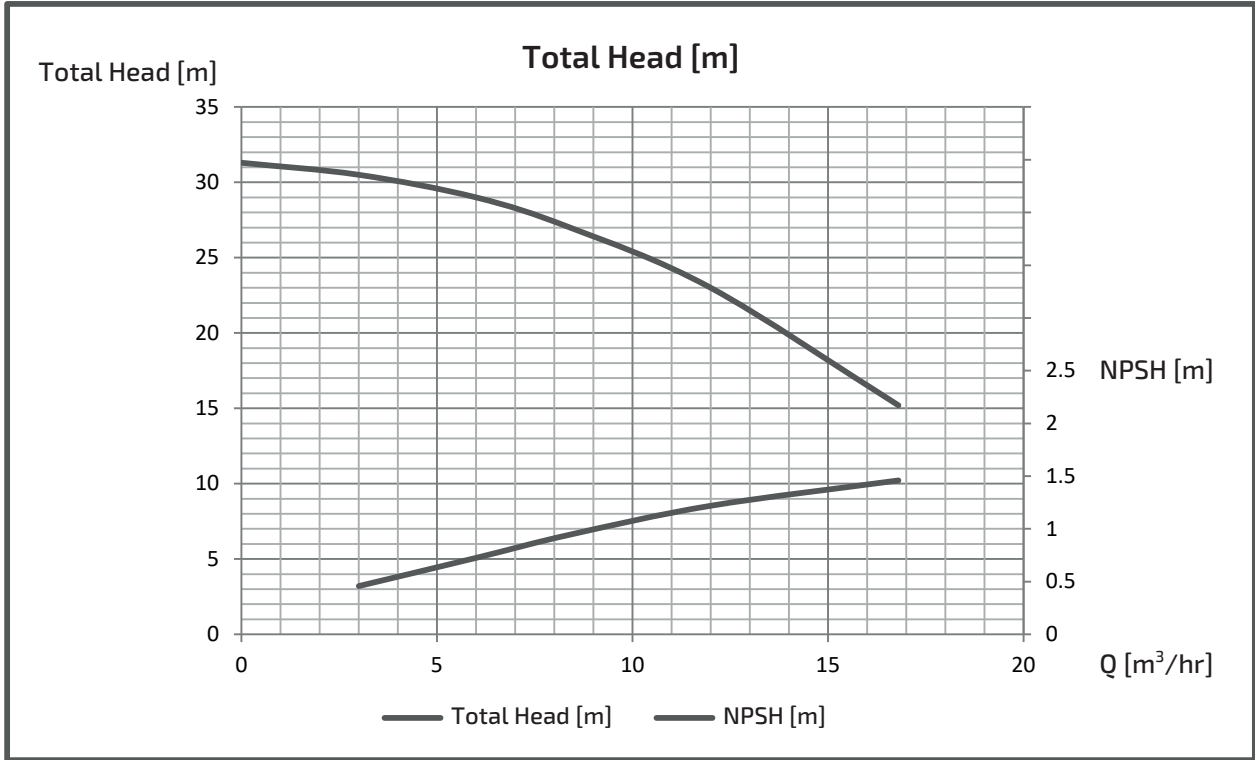
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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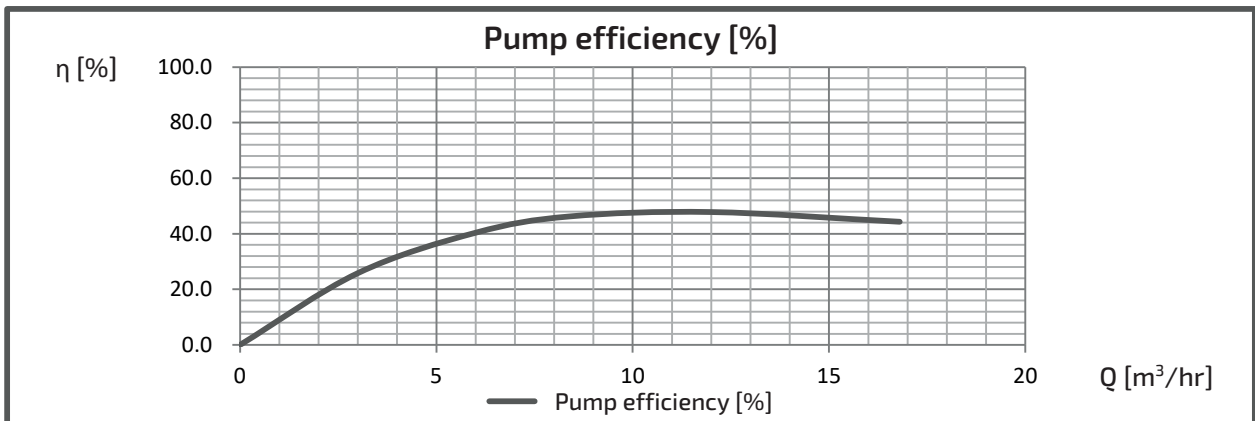
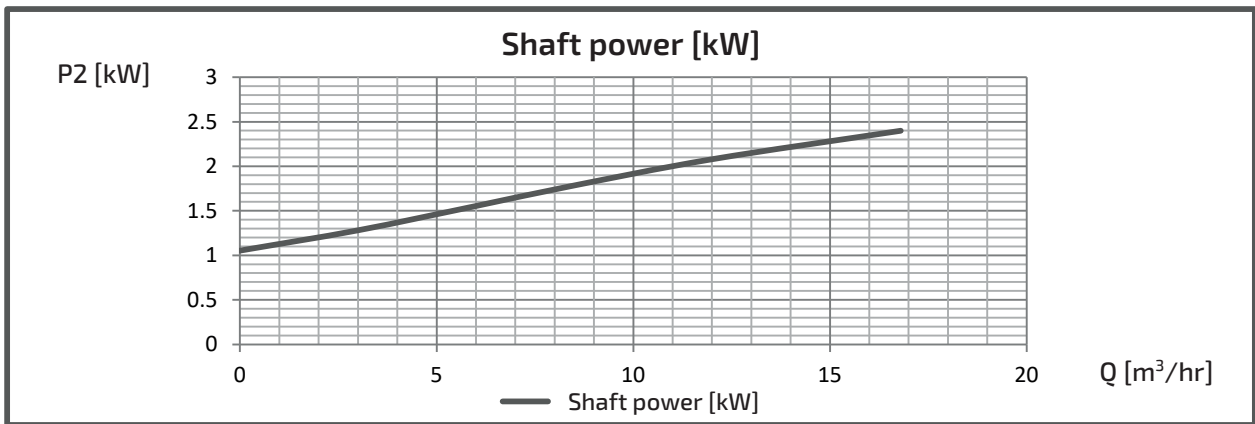
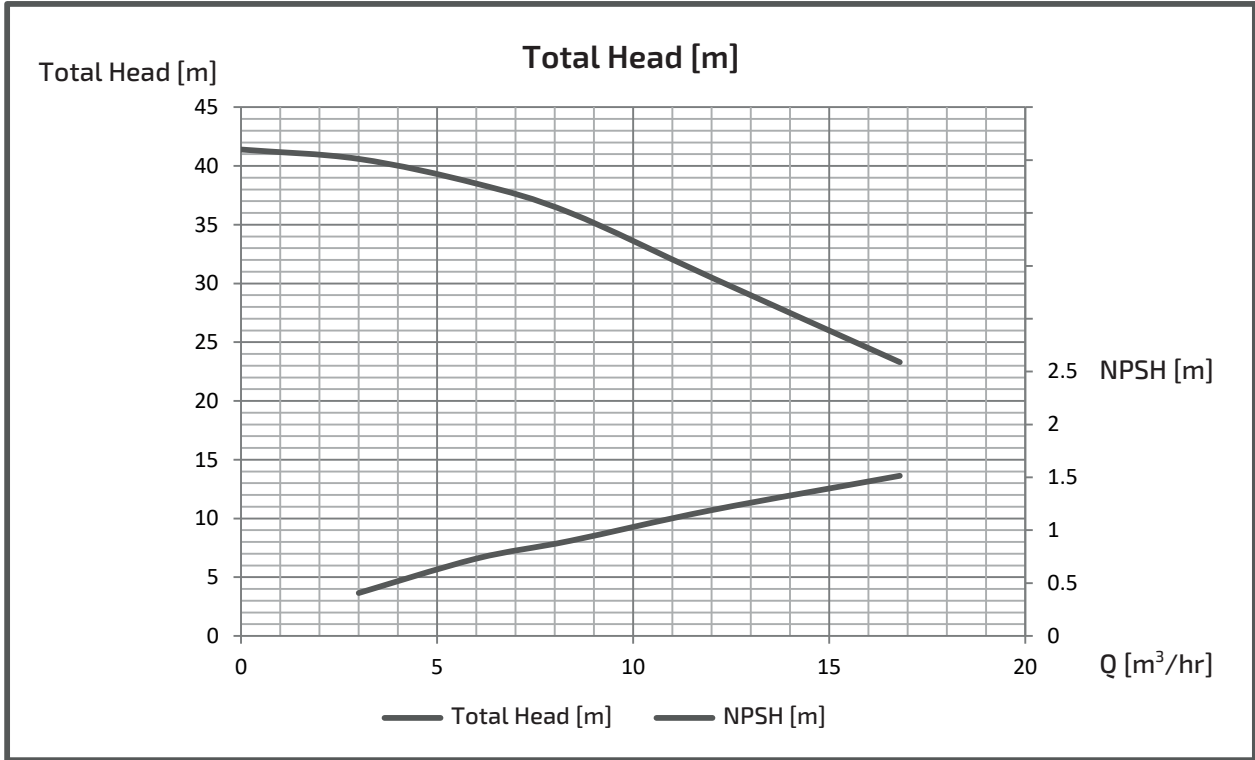
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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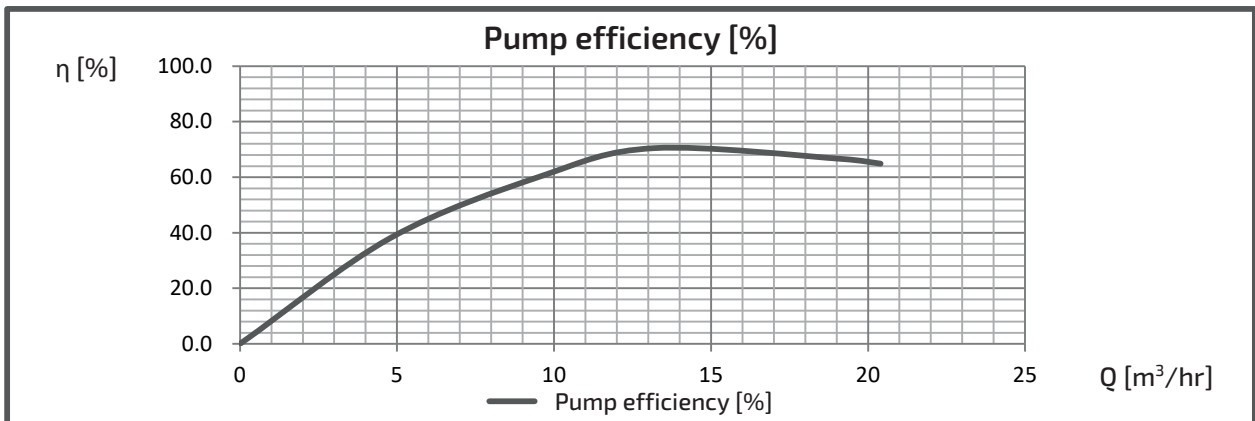
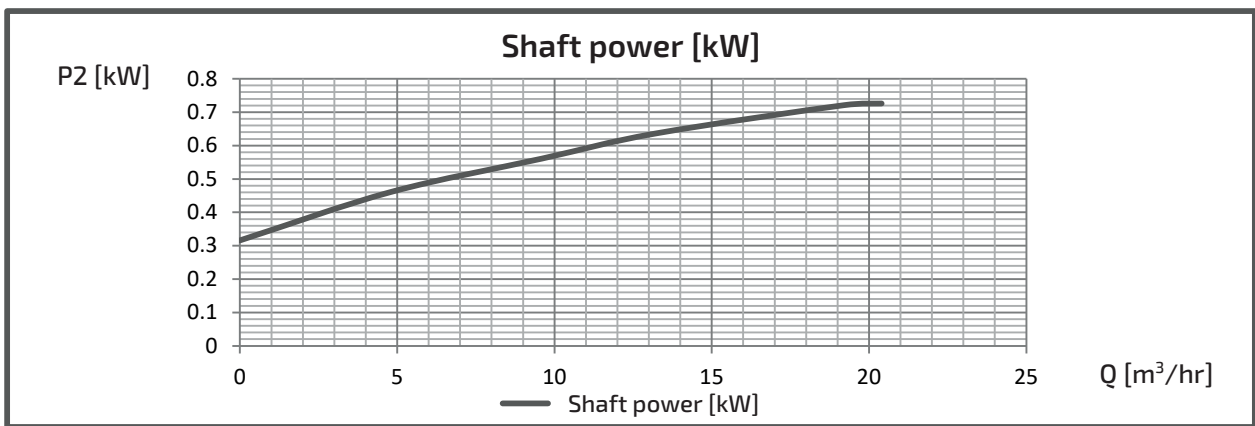
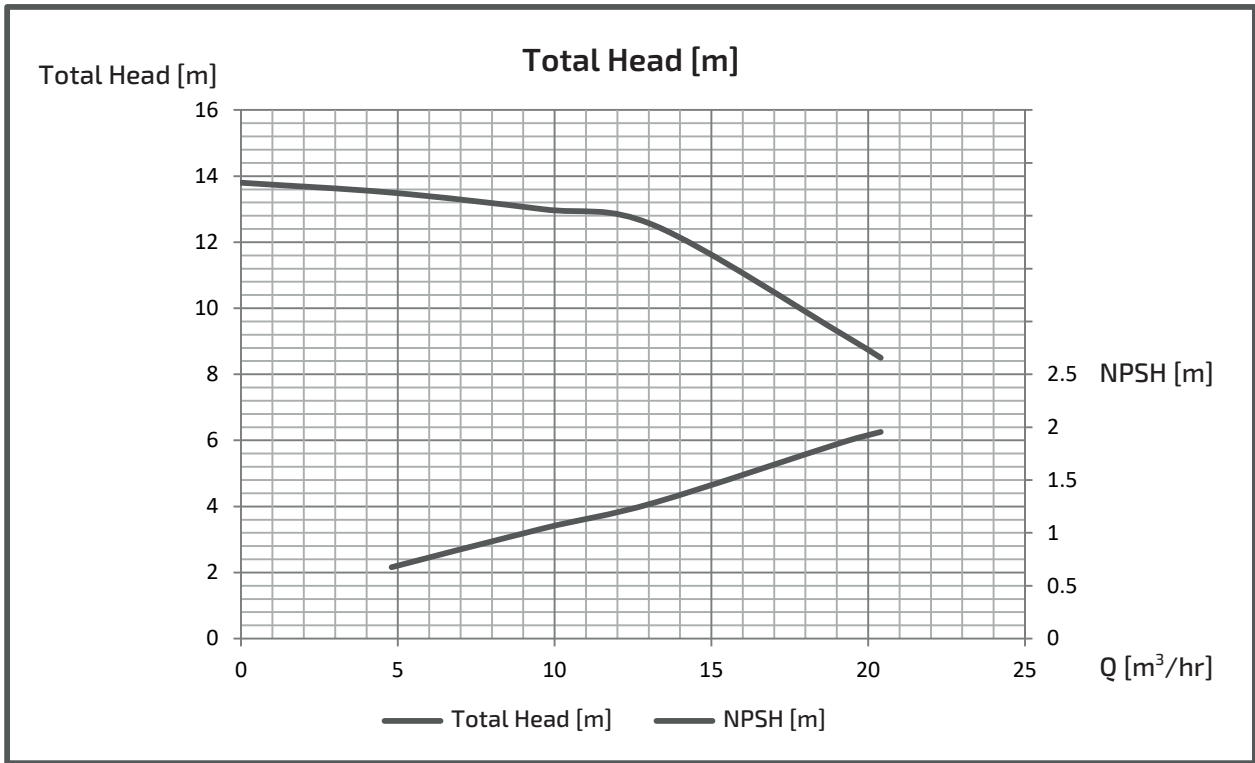
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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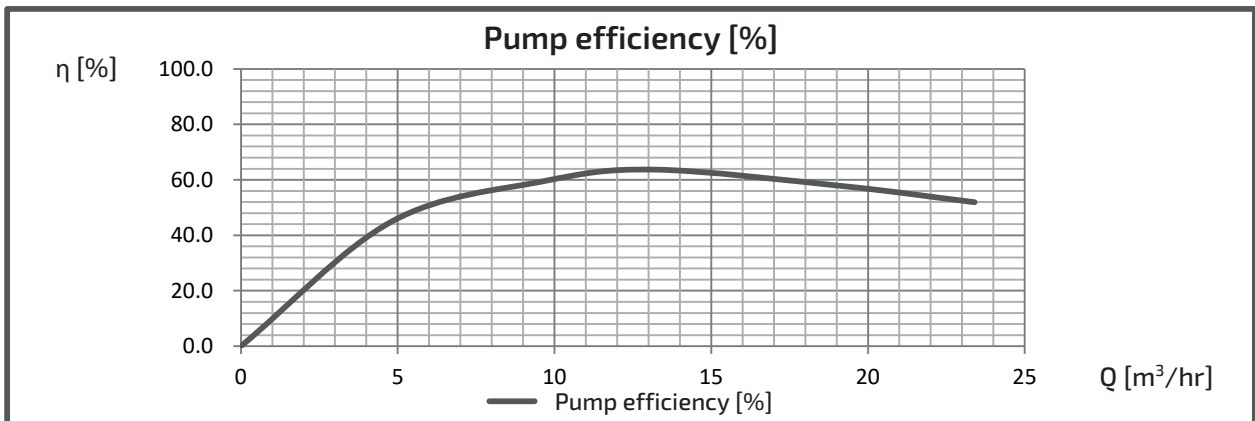
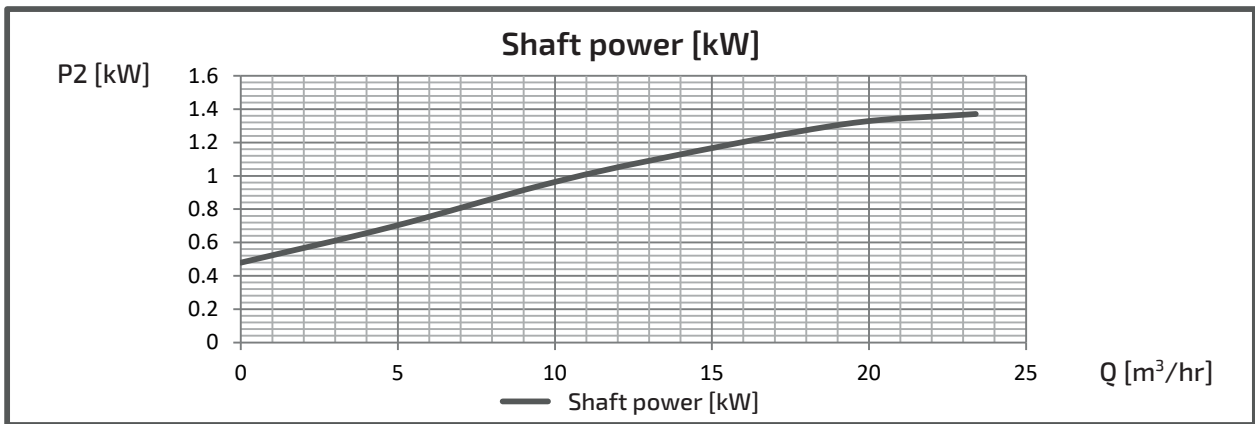
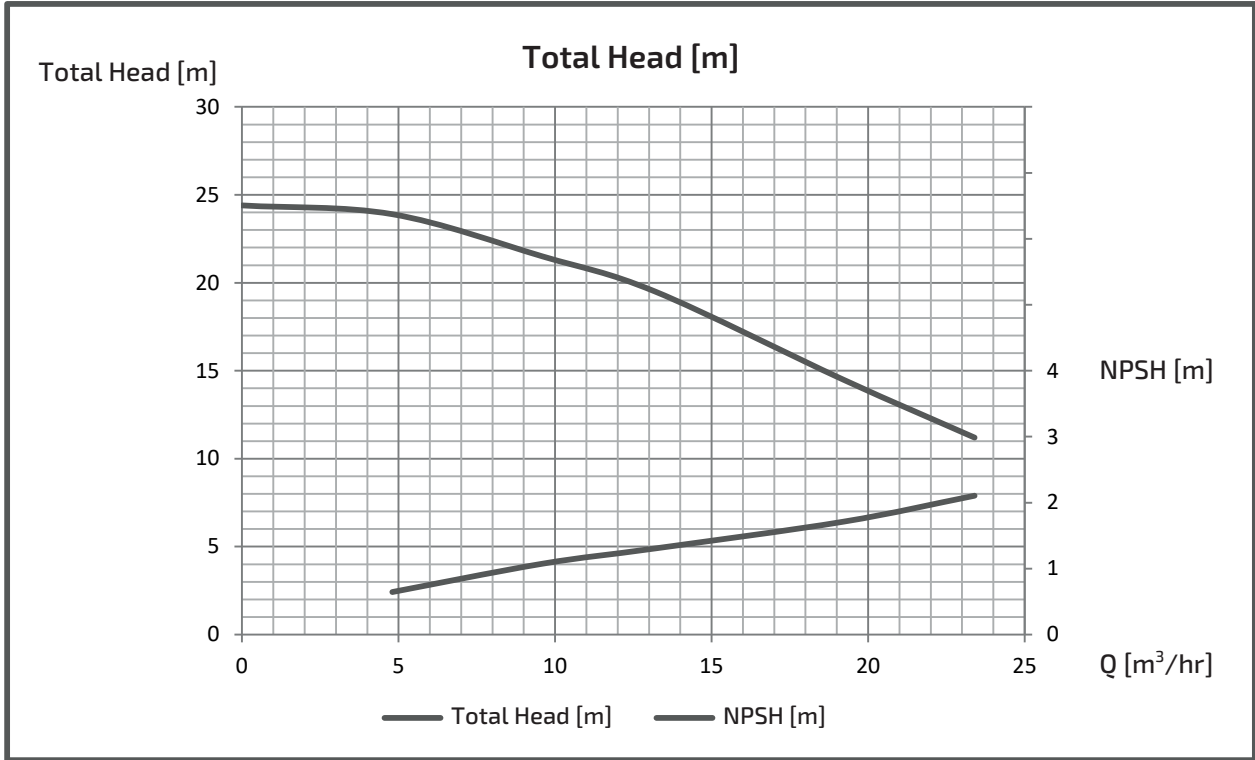
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE1.5

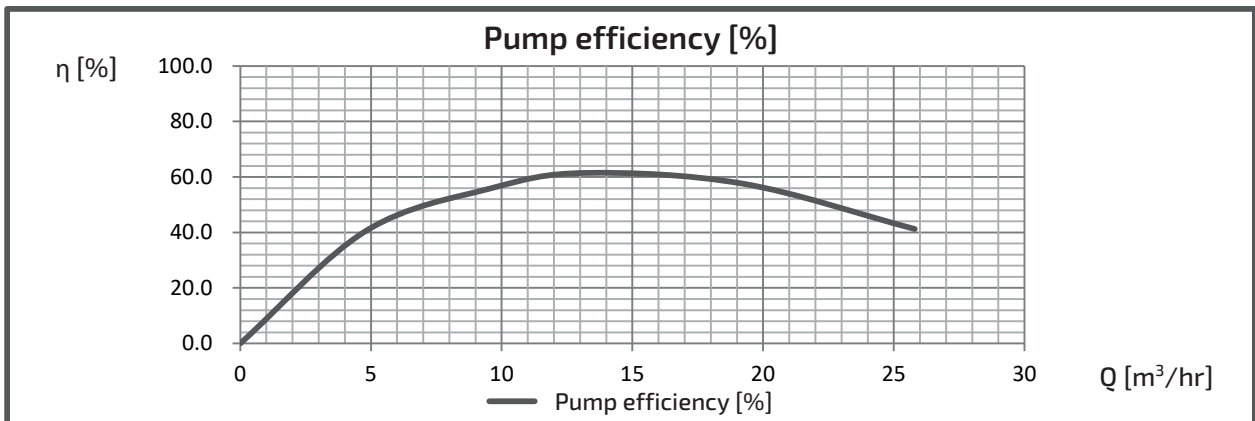
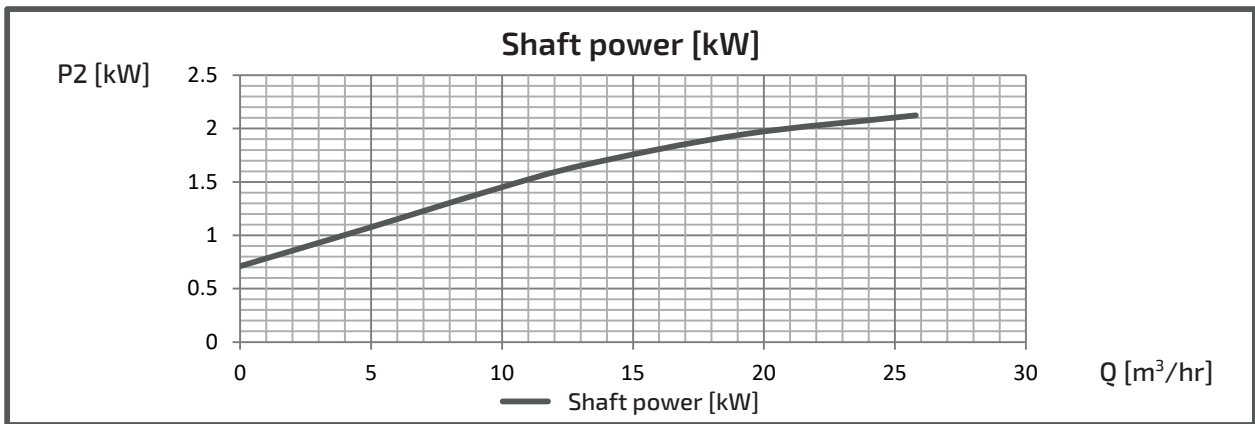
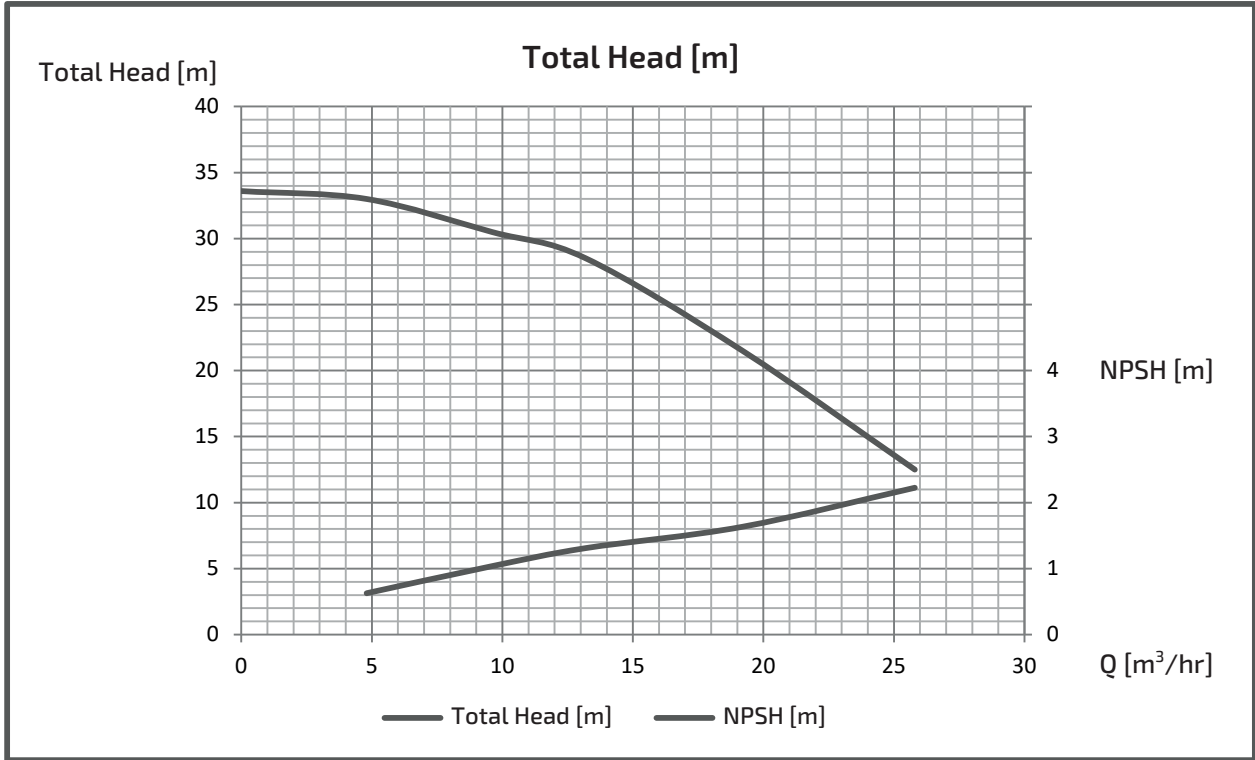
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE2.2

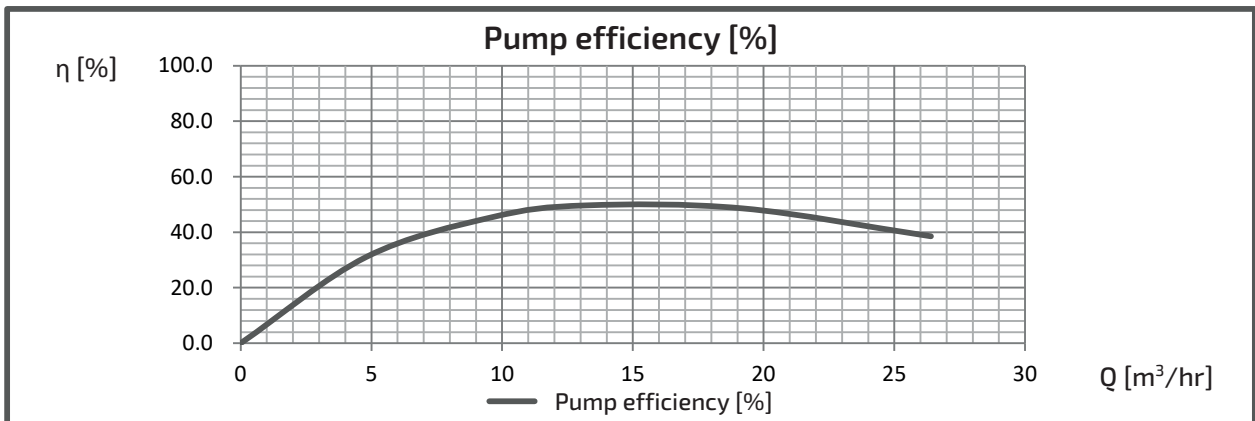
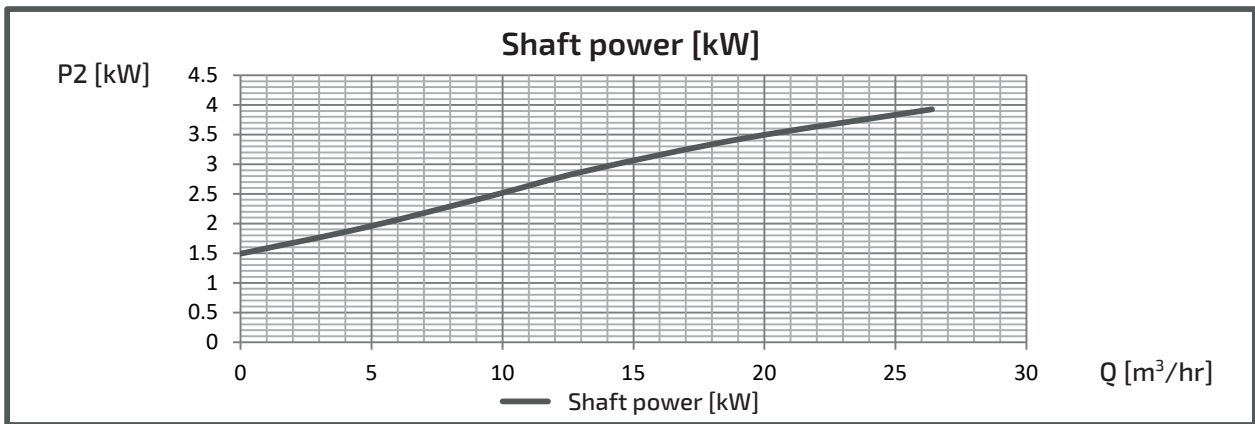
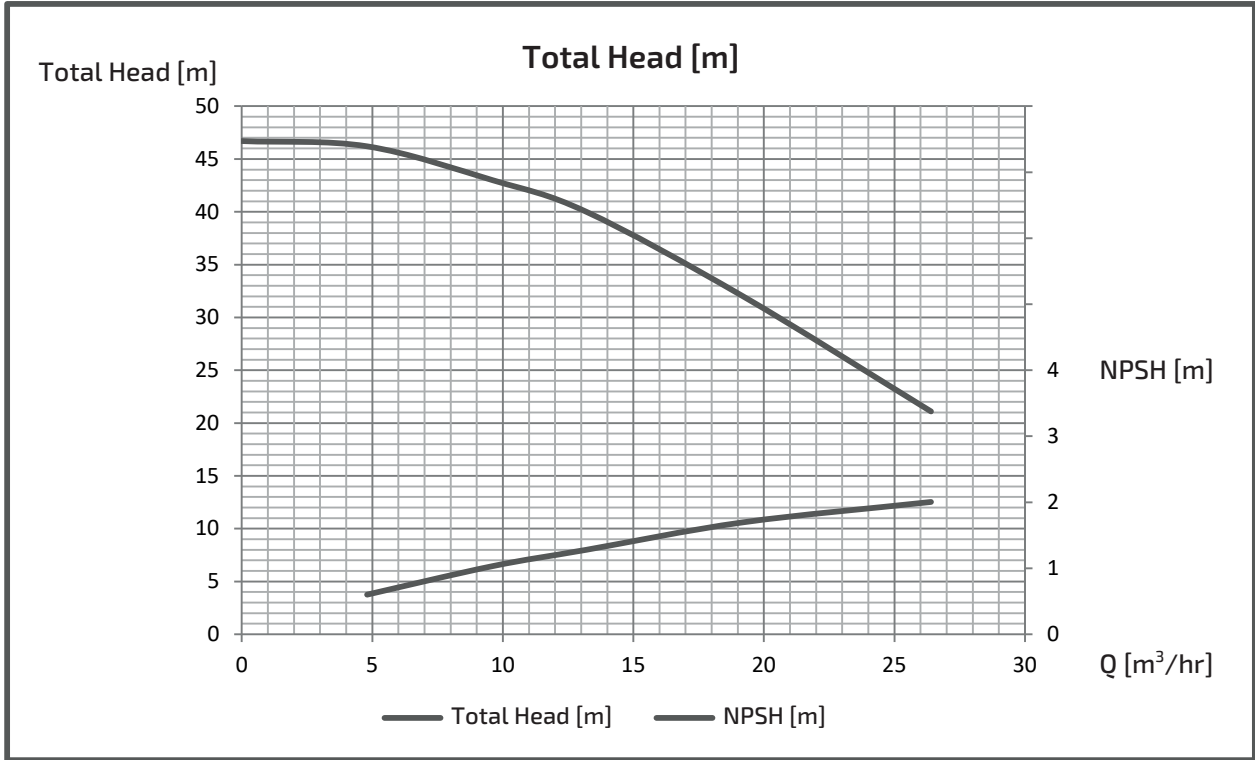
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-505CE3.7

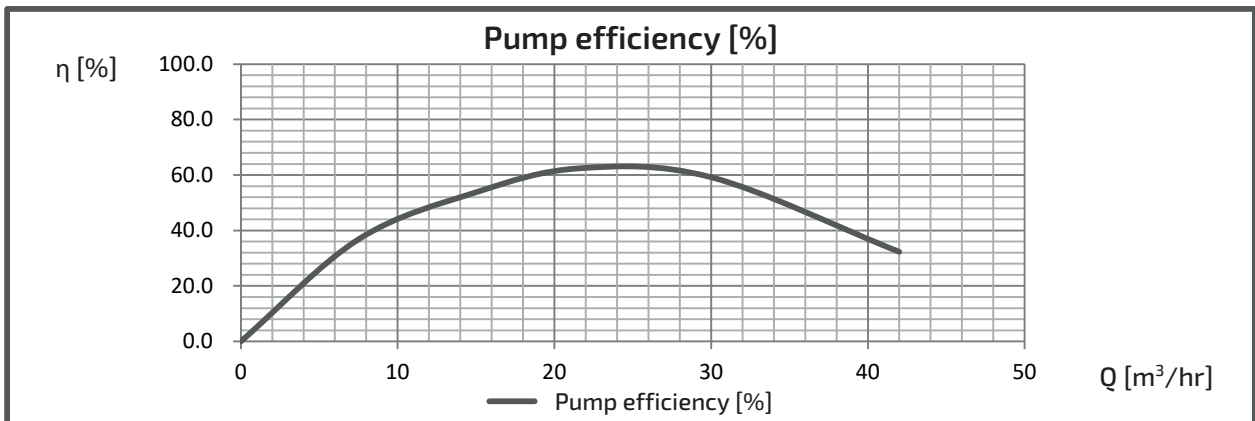
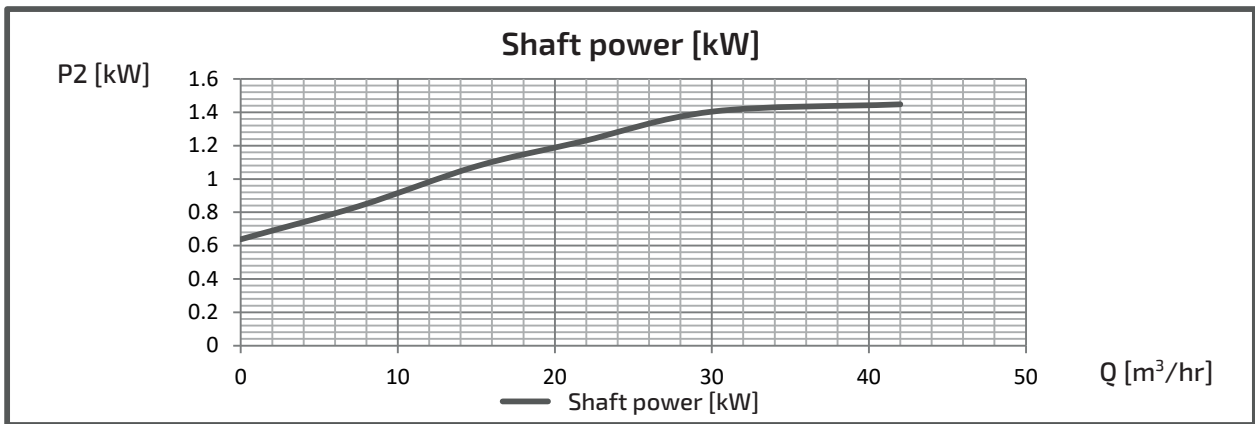
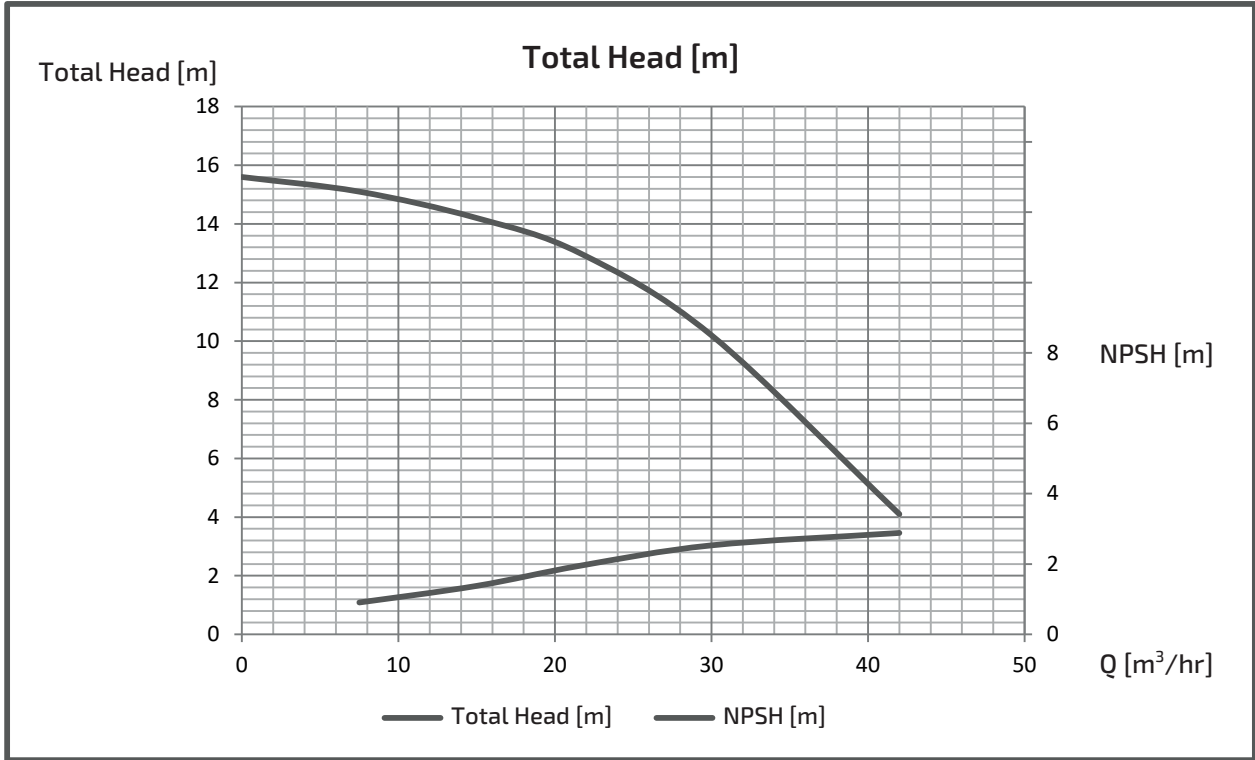
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

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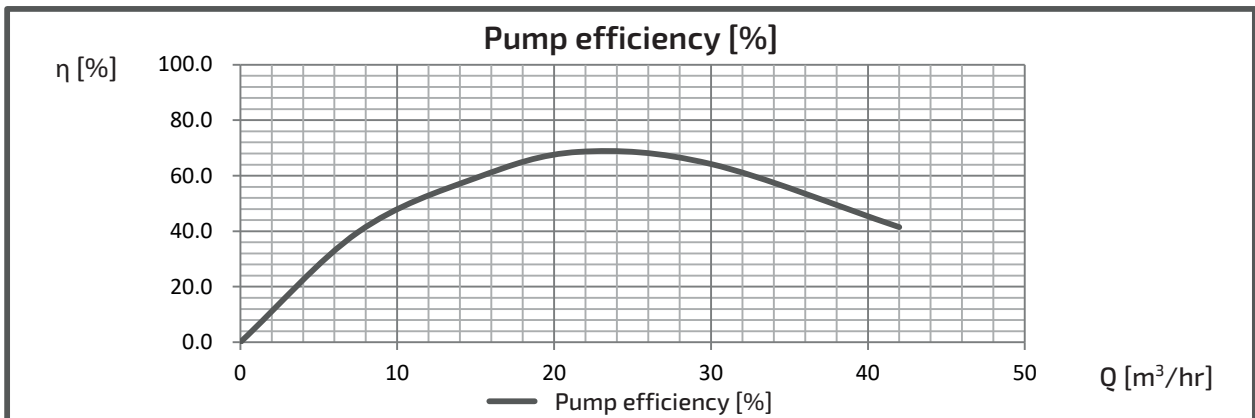
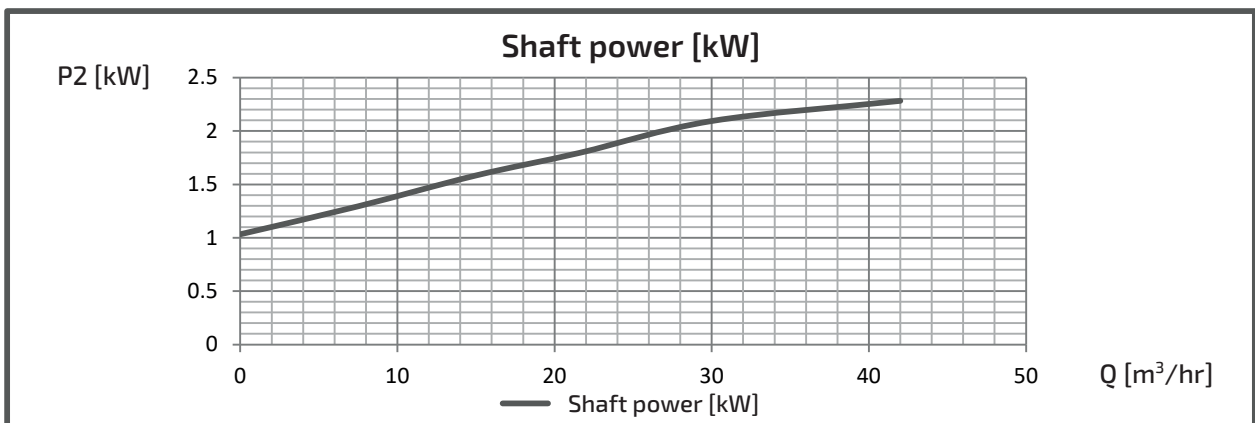
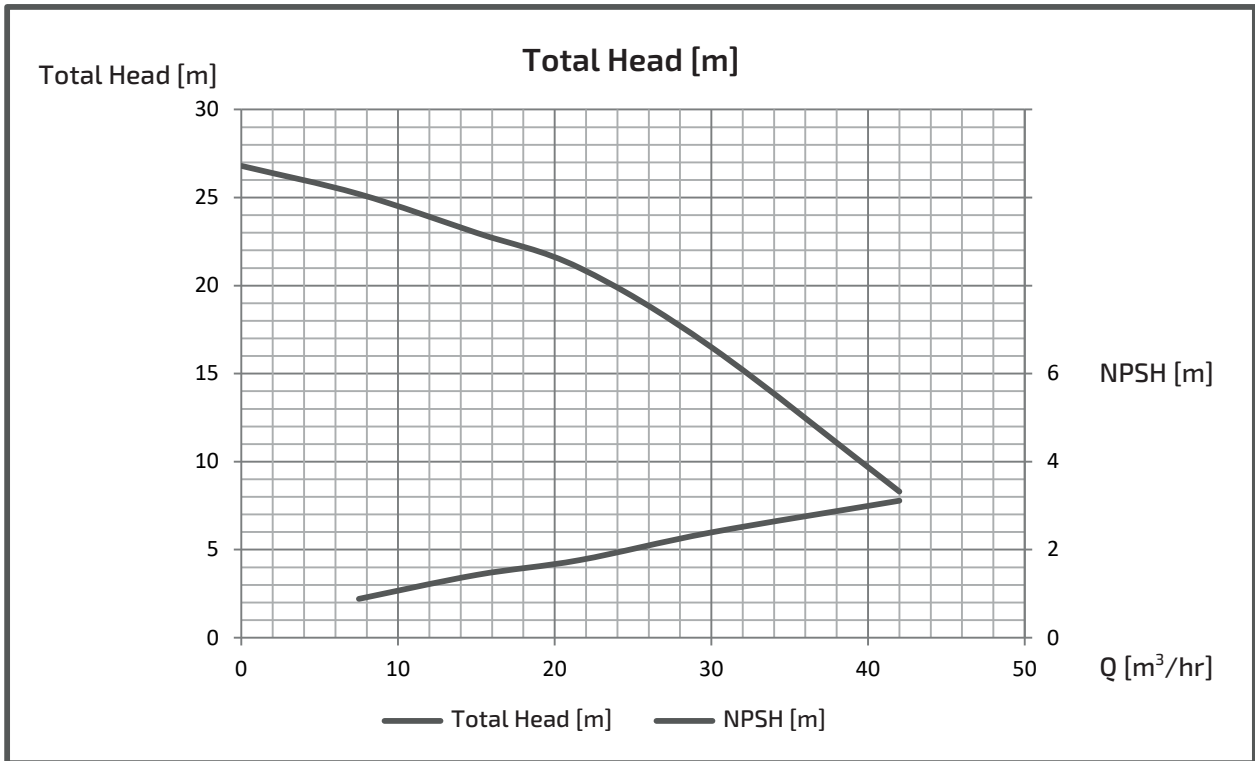
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE2.2

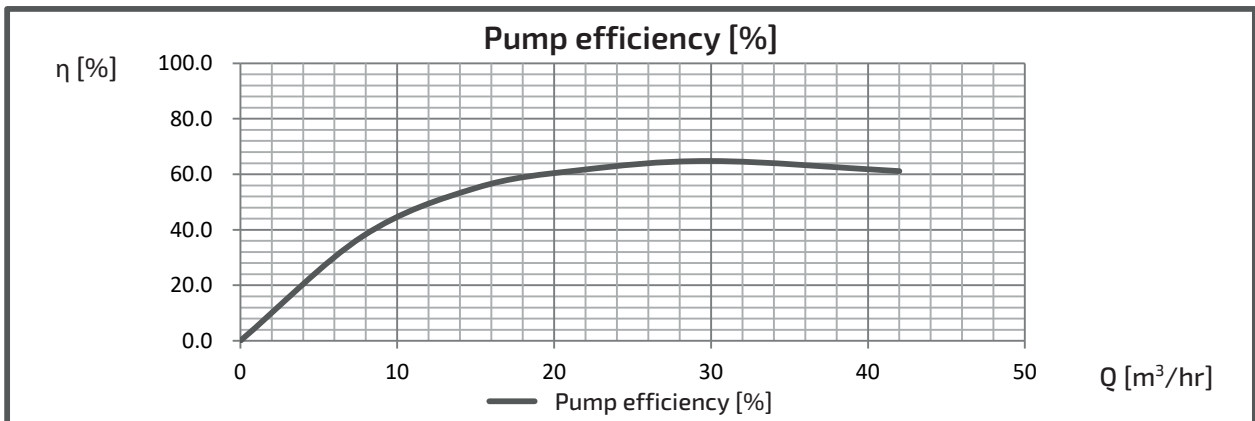
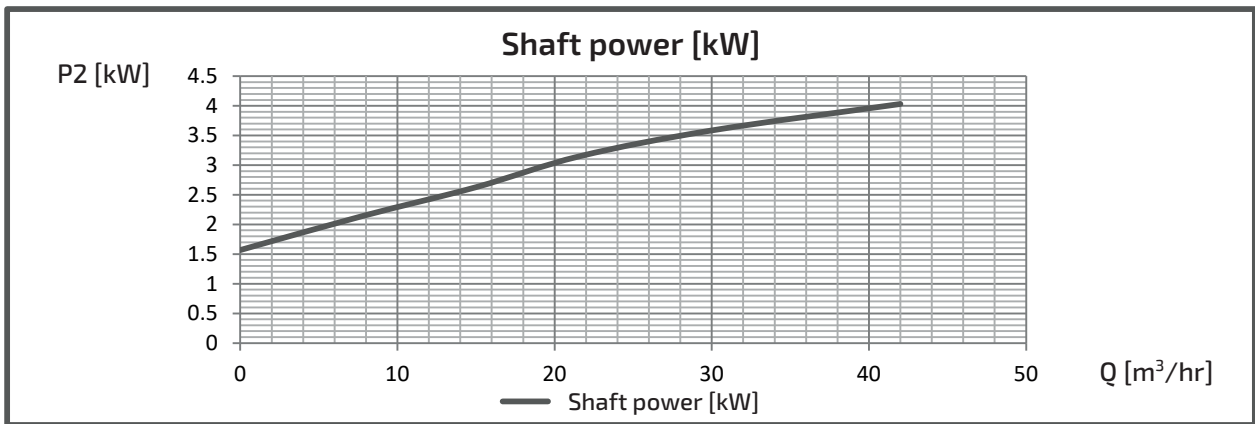
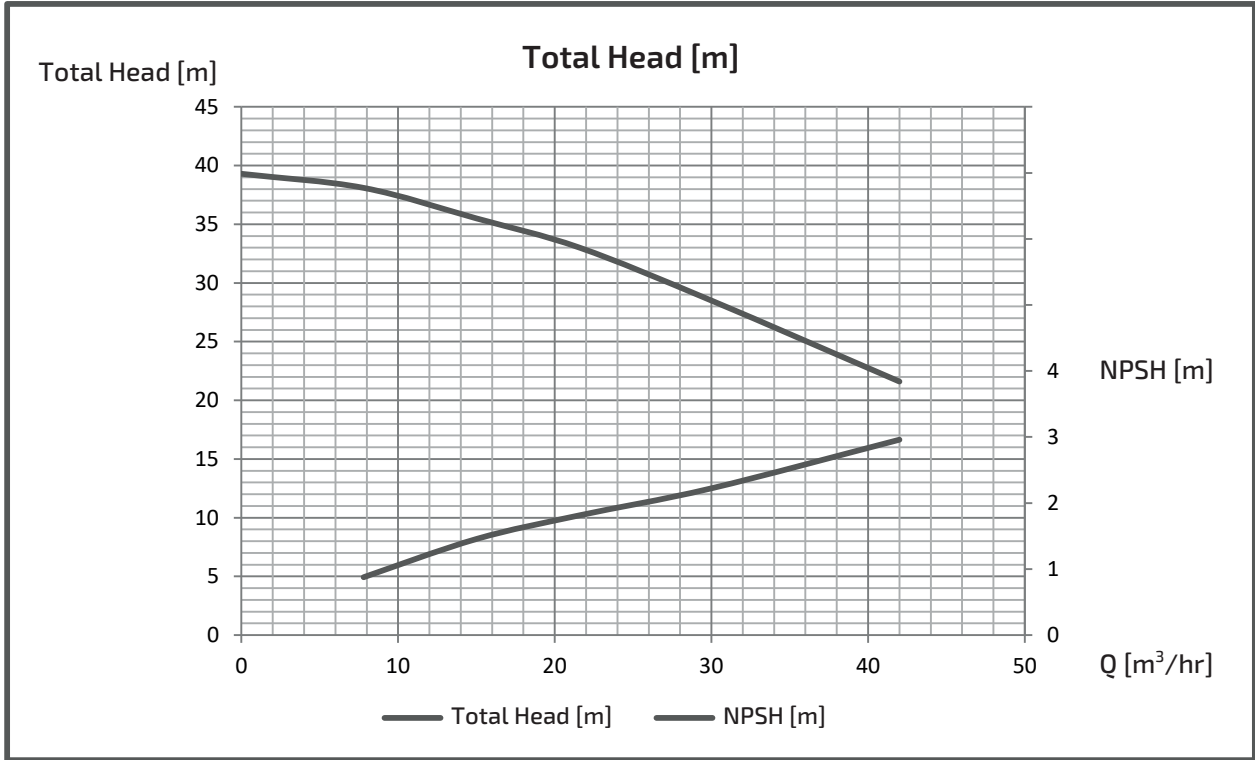
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE3.7

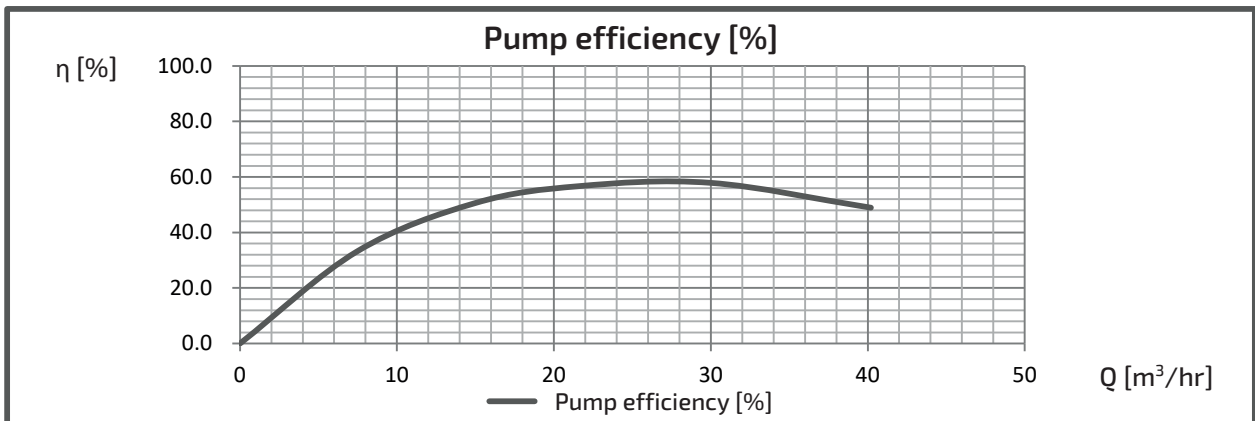
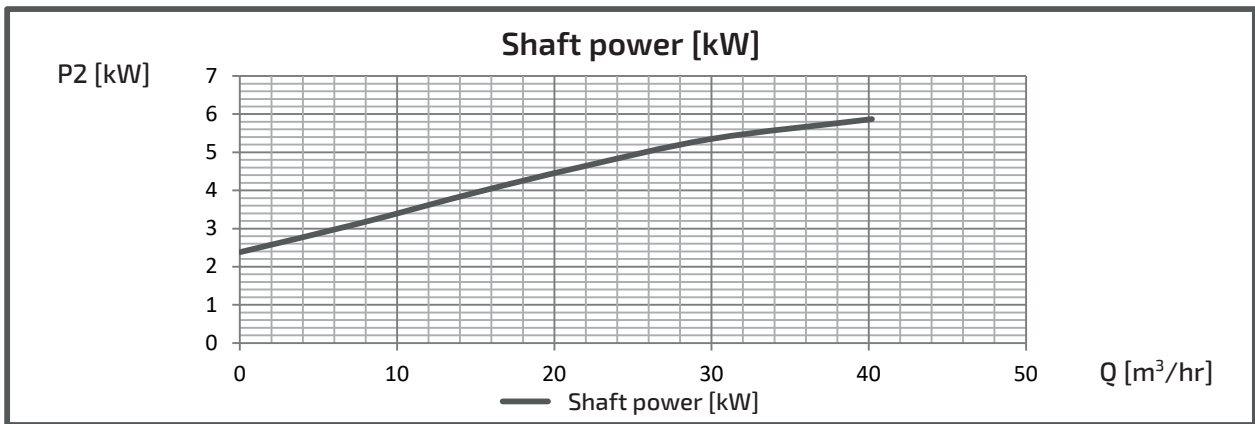
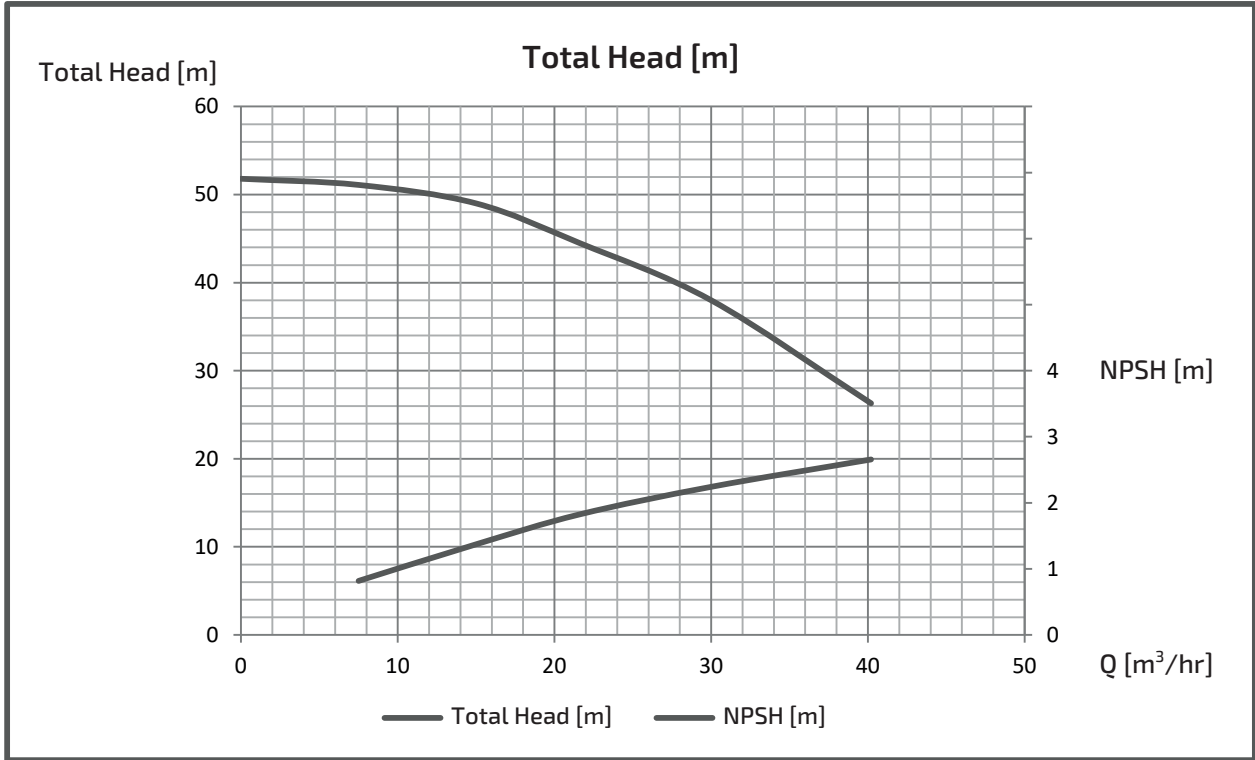
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-655CE5.5

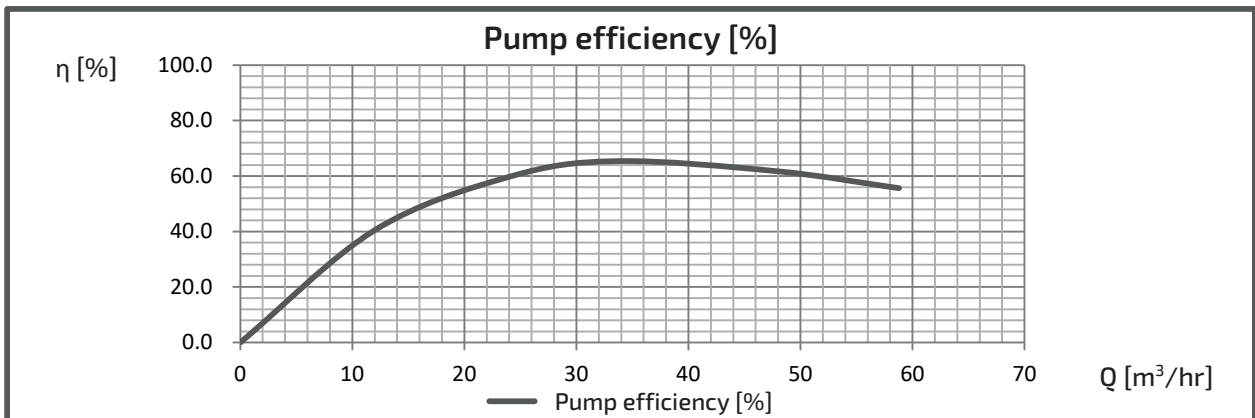
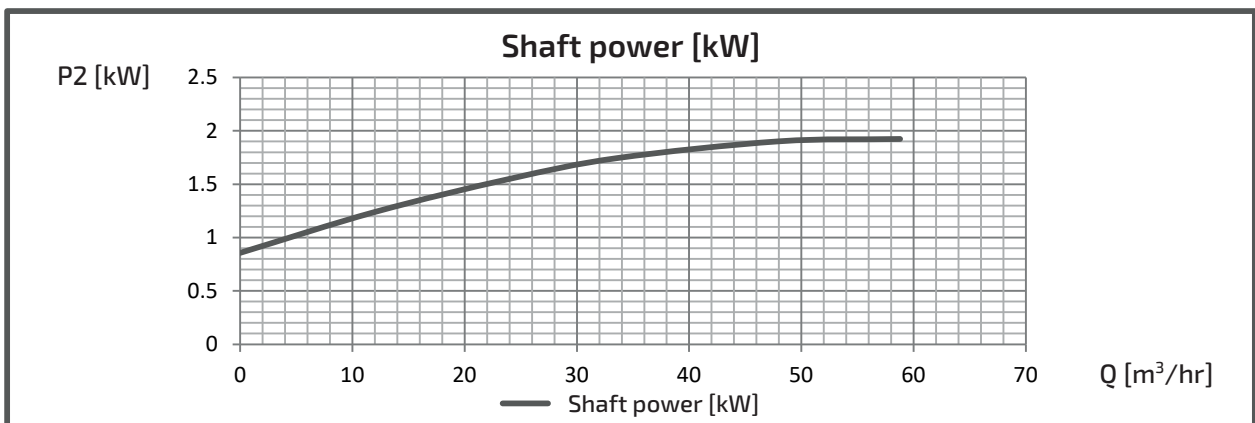
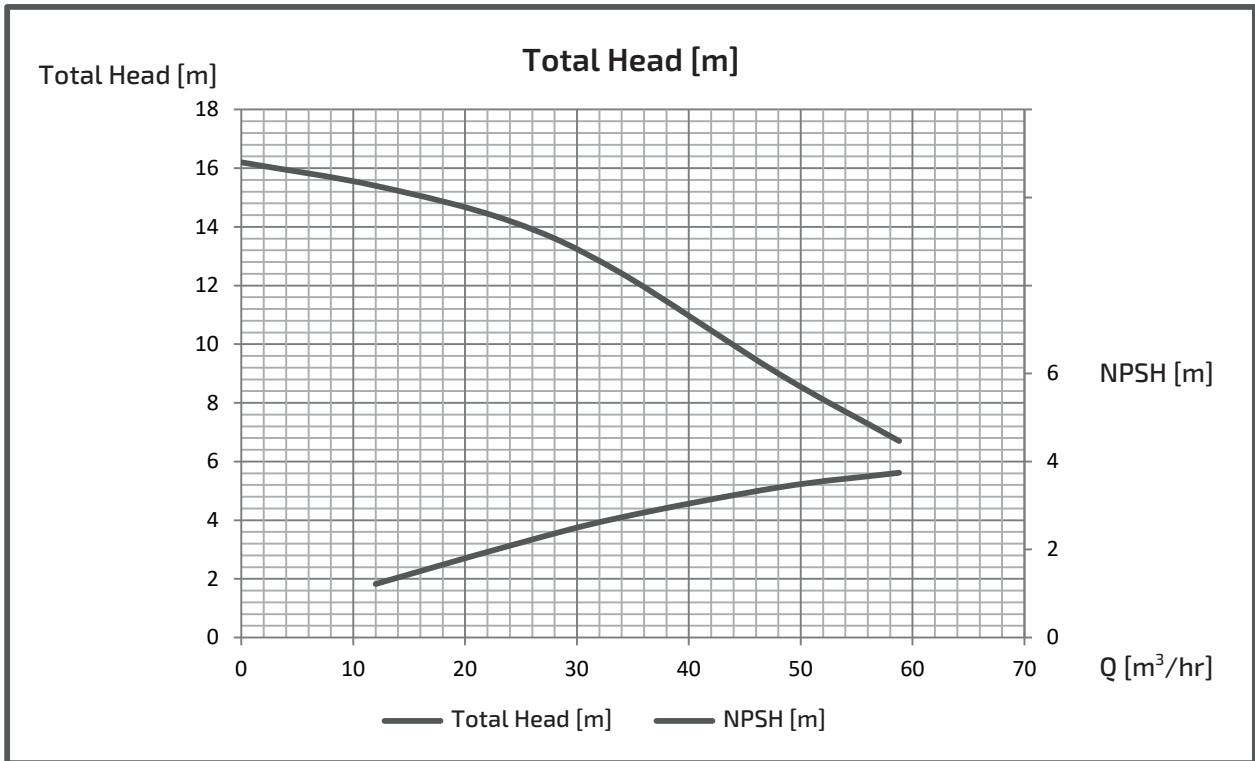
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE2.2

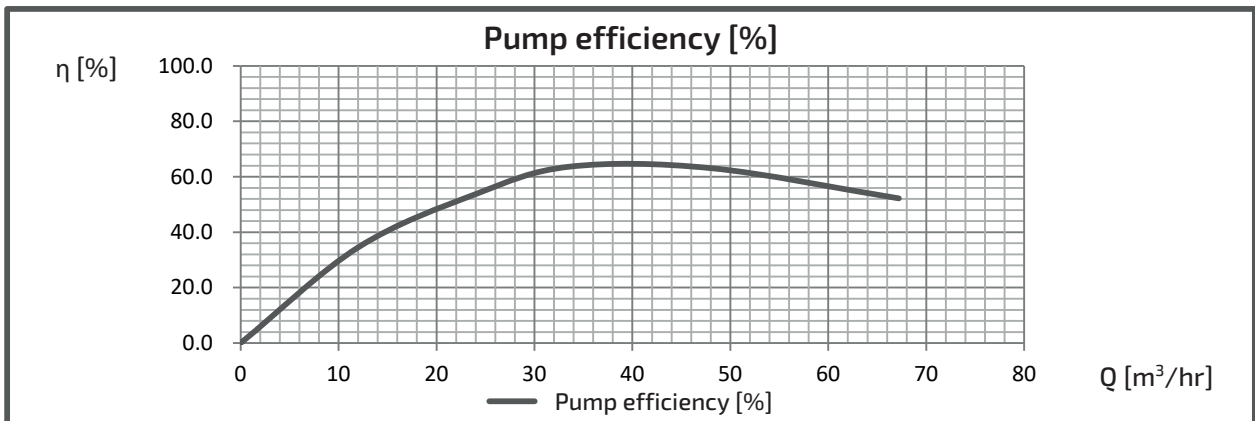
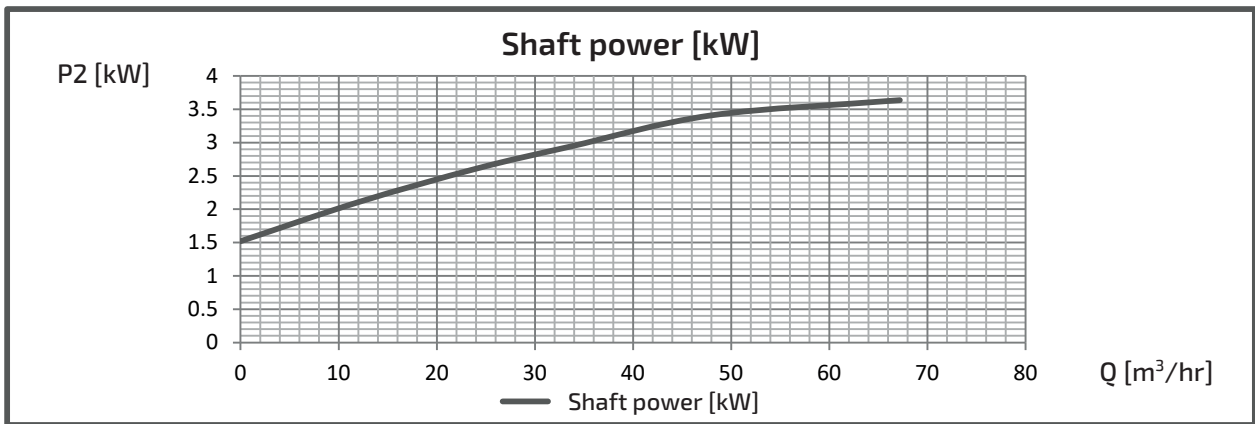
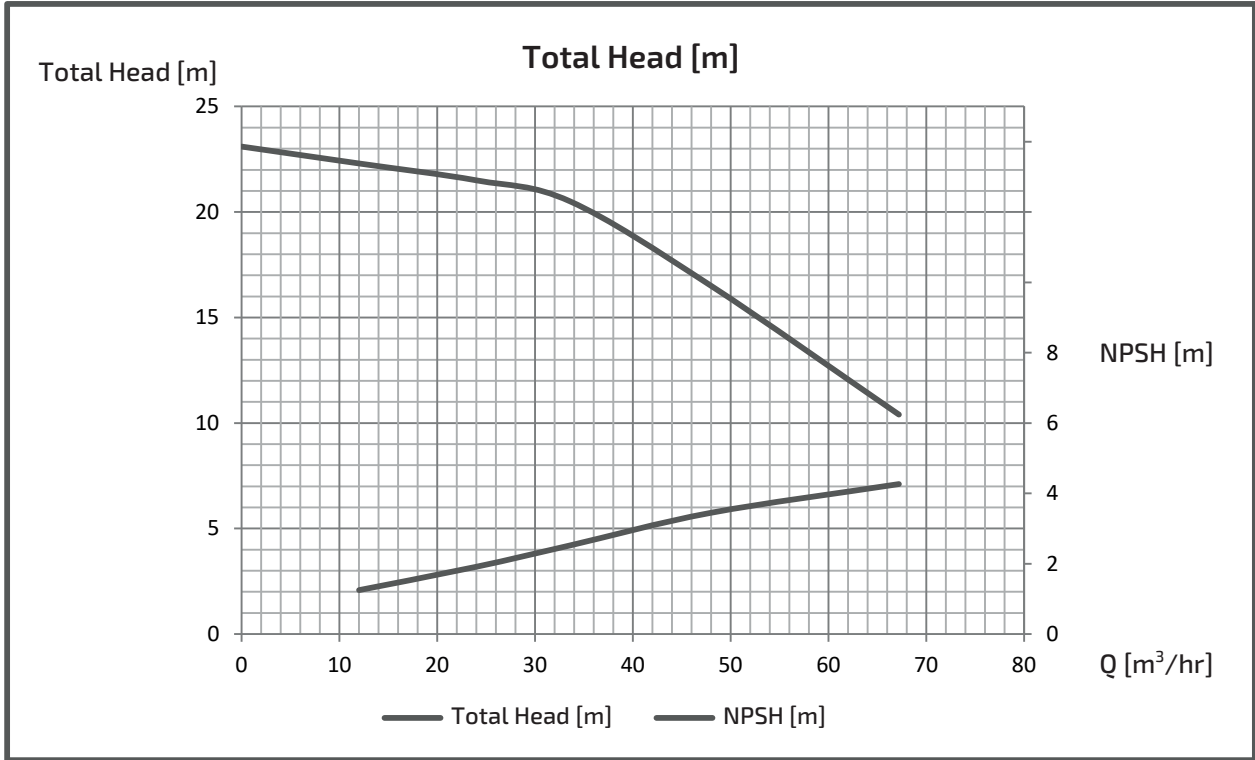
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE3.7

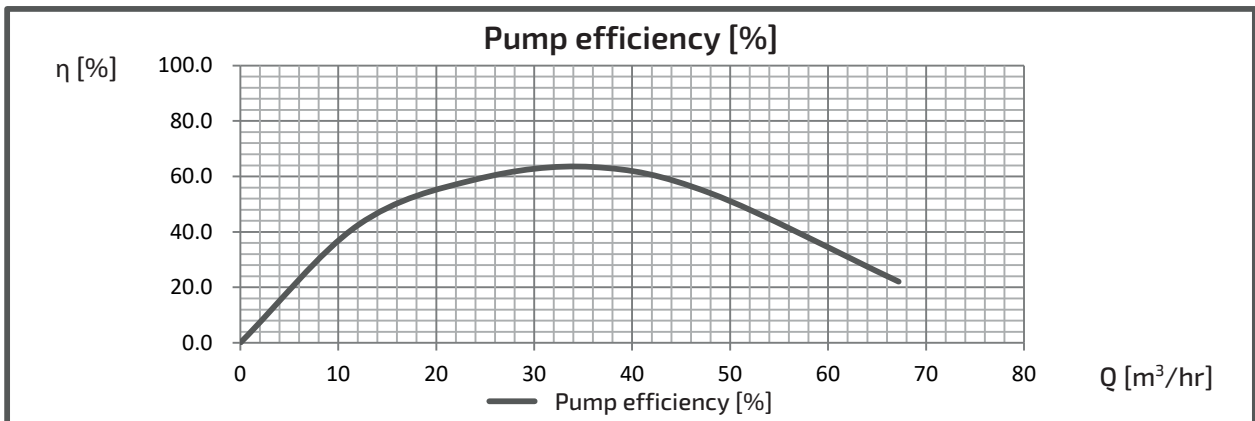
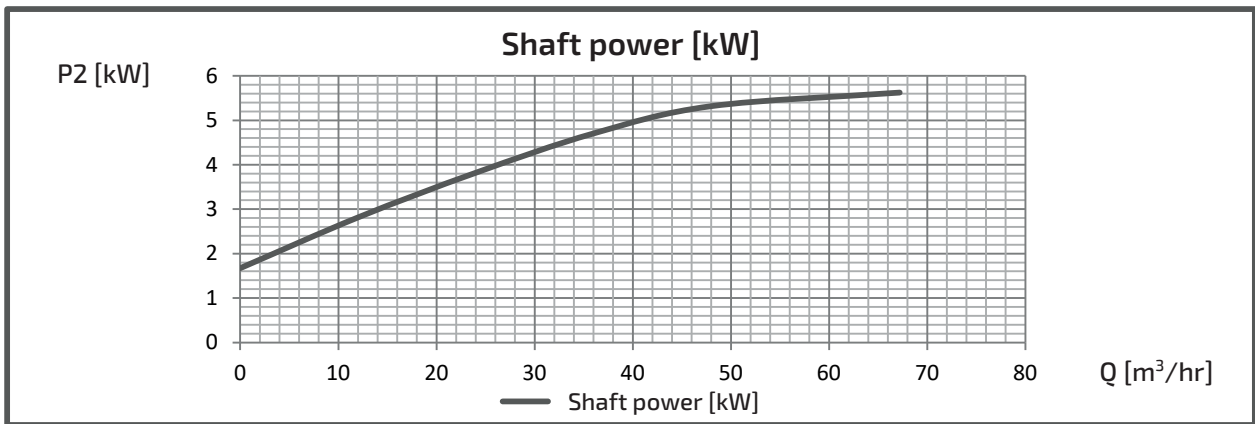
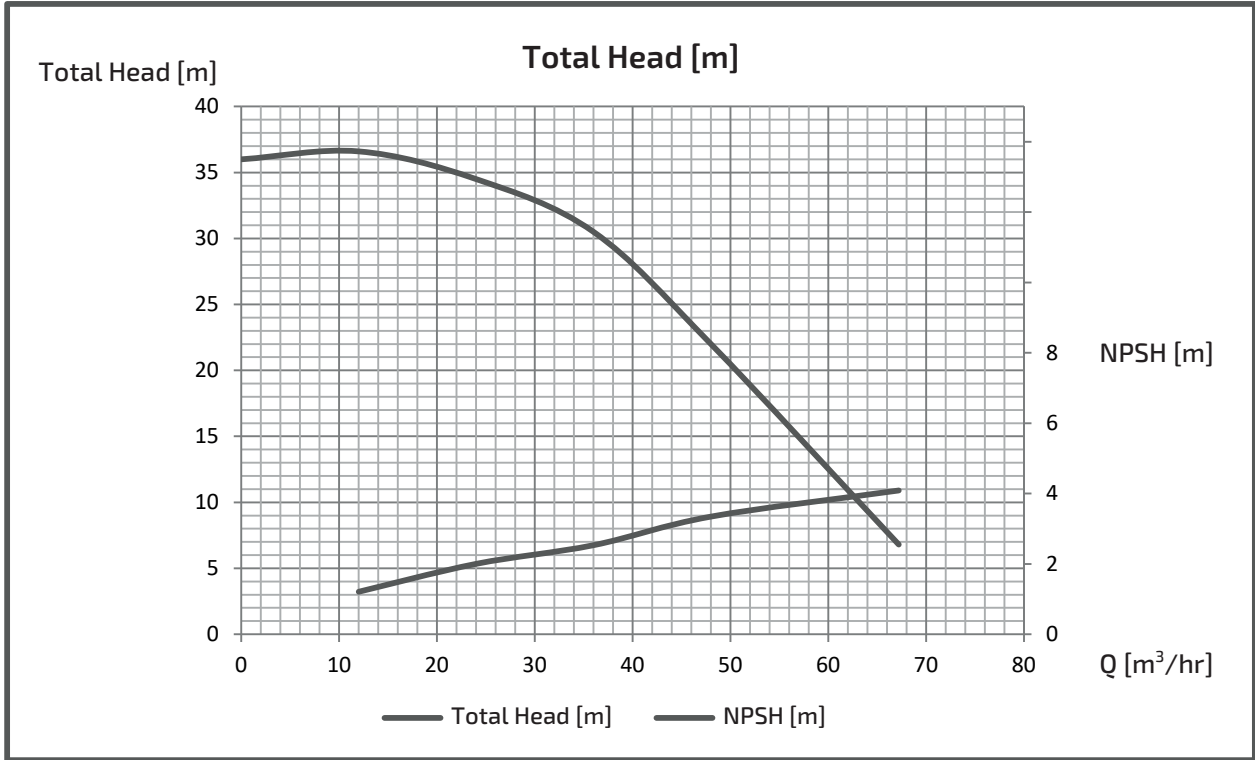
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-805CE5.5

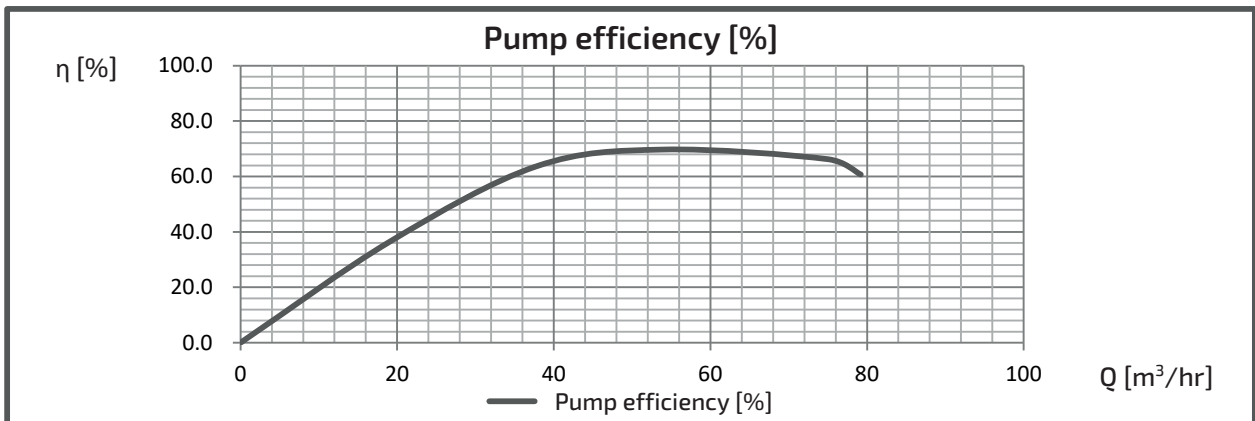
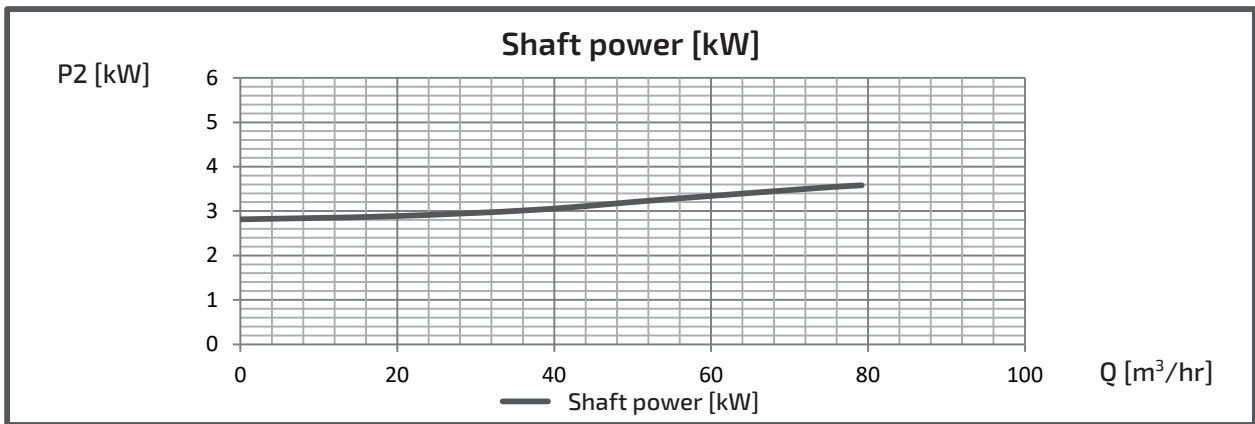
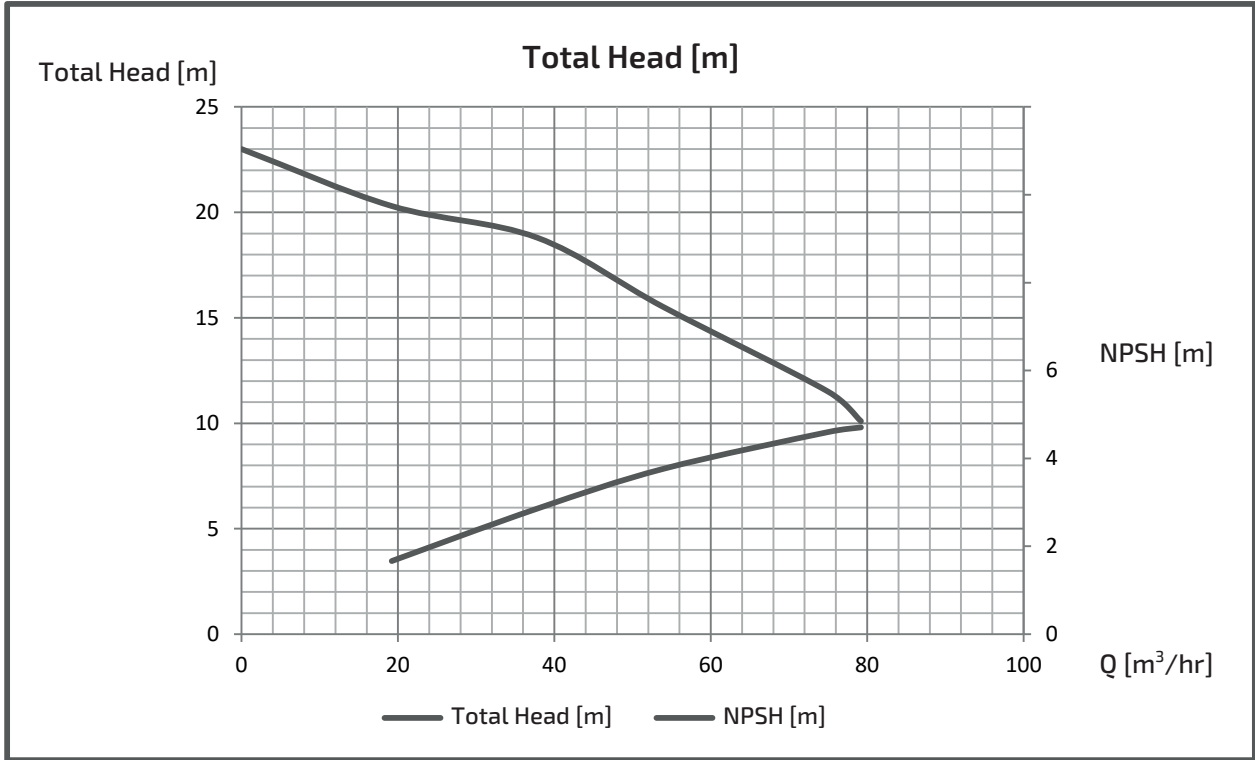
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE3.7

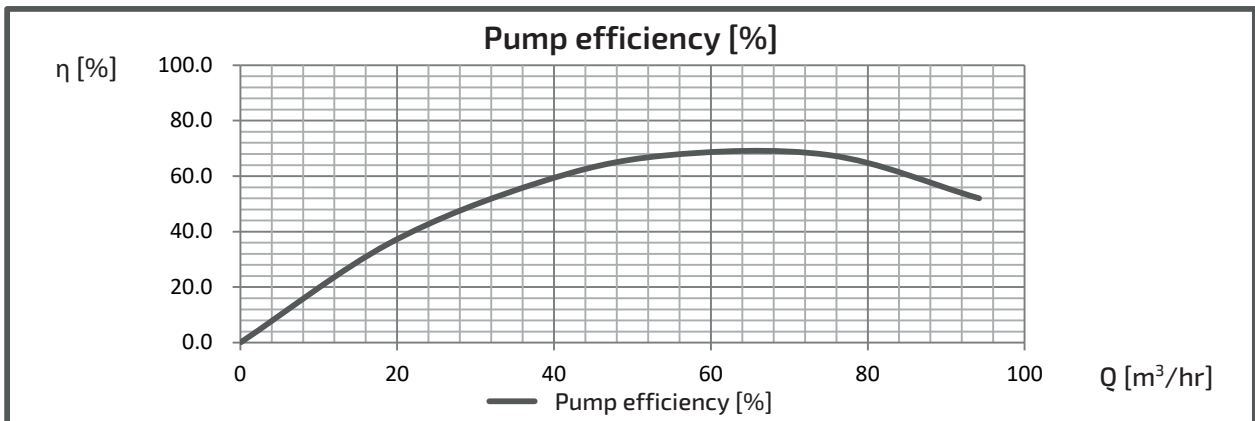
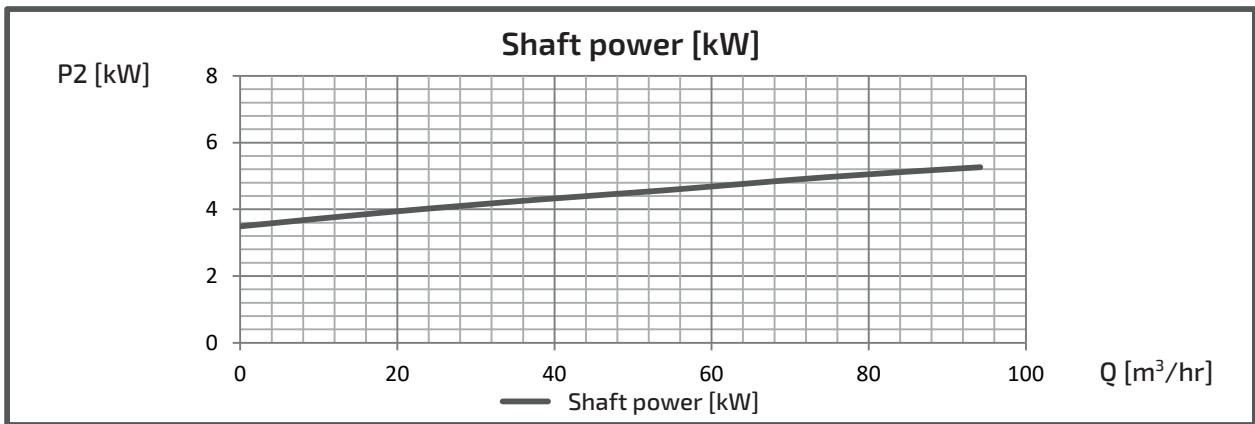
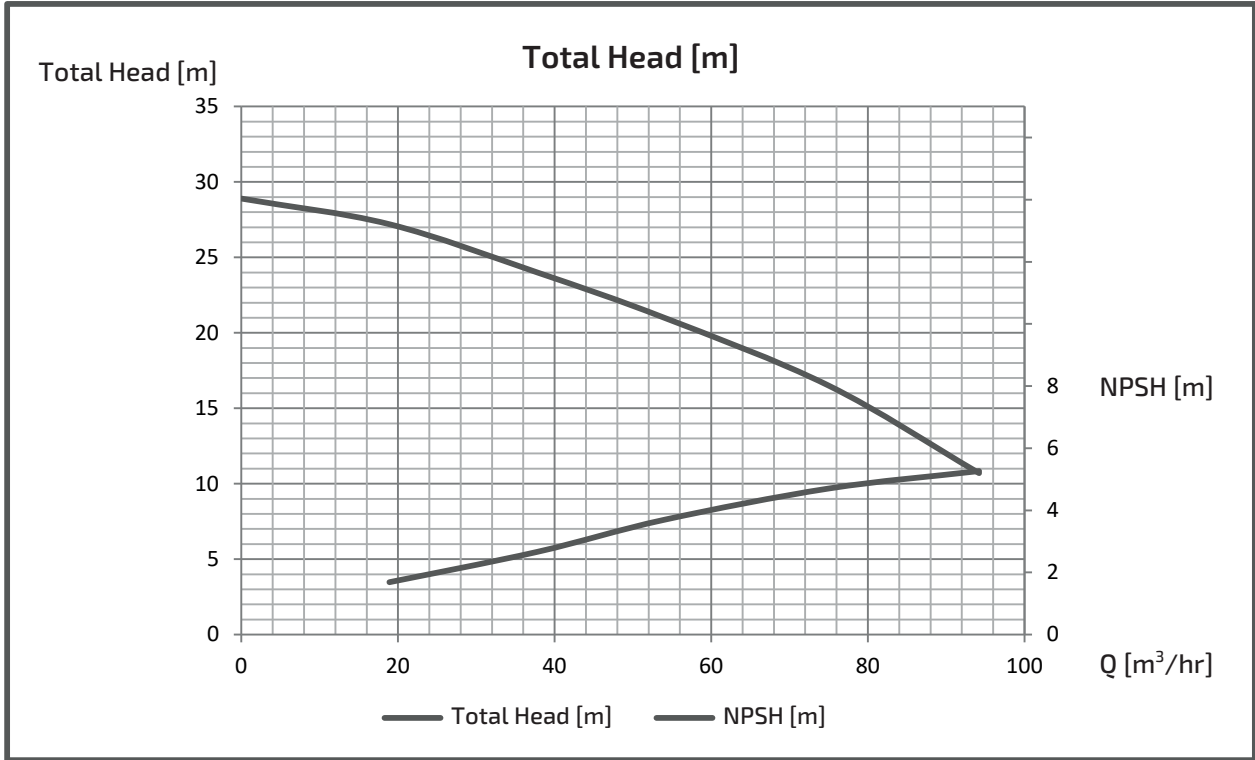
■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE5.5

■ PERFORMANCE CURVES



EXPECTED PERFORMANCE CURVE

MODEL : GS3-1005CE7.5

■ PERFORMANCE CURVES

