

SIMONAZZI srl

WATER ENGINEERING SINCE 1909



60 Hz

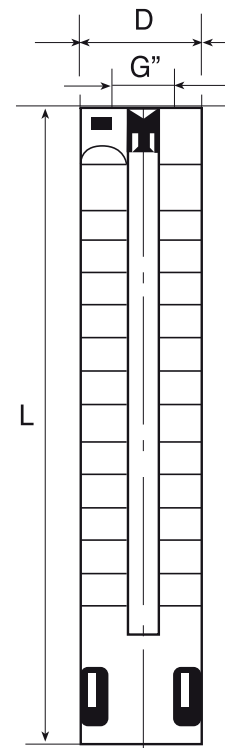
4"



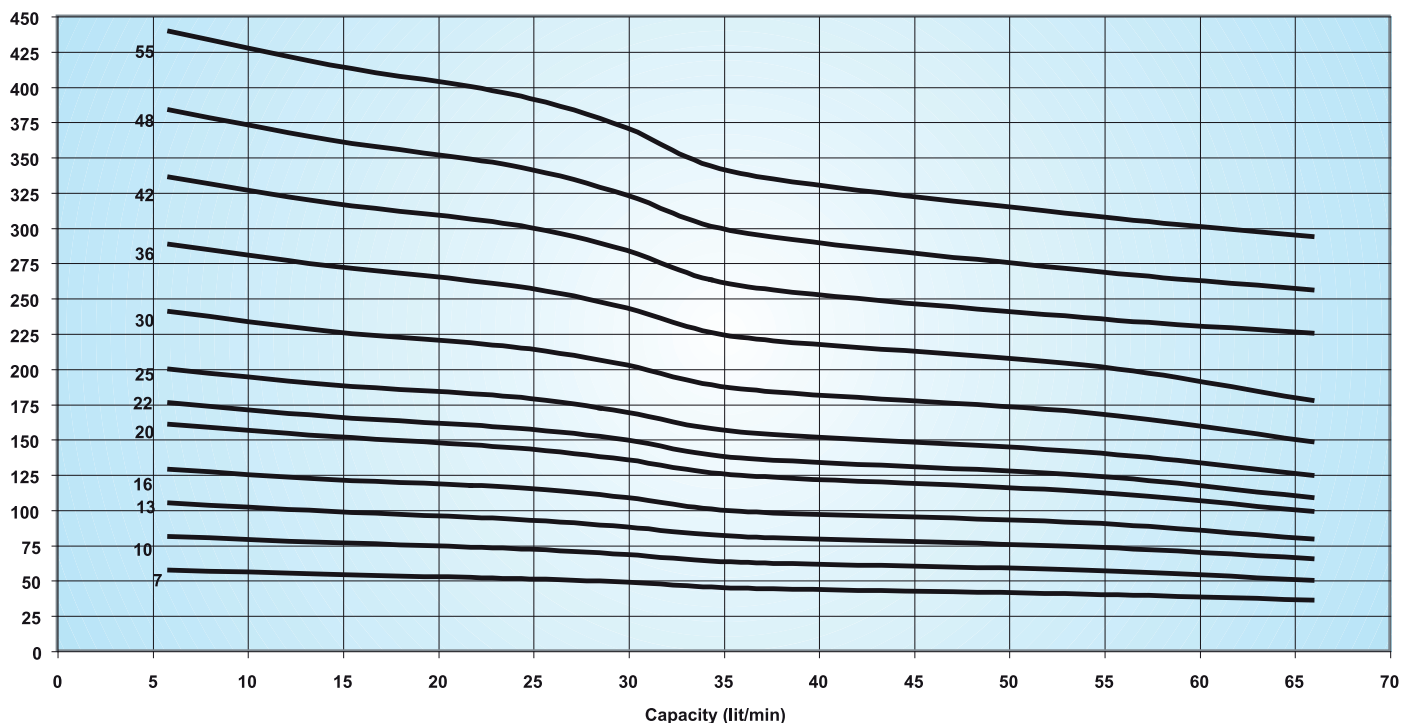
PUMP MODEL	POWER		Lit/sec	0,1	0,24	0,4	0,5	0,6	0,9	1,1
			Lit/min	6	14	24	30	36	54	66
			CBM/h	0,36	0,86	1,44	1,8	2,16	3,24	3,96
	HP	KW								
SSIM 403/7	0,75	0,55		56	53	50	48	43	39	35
SSIM 403/10	1	0,75		80	76	71	67	62	56	49
SSIM 403/13	1,5	1,10		104	98	92	87	80	73	64
SSIM 403/16	2	1,5		127	120	115	108	98	90	78
SSIM 403/20	3	2,2		160	151	143	134	123	112	98
SSIM 403/22	3	2,2		175	165	157	148	136	123	108
SSIM 403/25	4	3		199	188	179	168	154	140	123
SSIM 403/30	4	3		239	225	214	202	185	168	147
SSIM 403/36	5,5	4		287	272	258	242	221	202	176
SSIM 403/42	5,5	4		335	316	301	283	258	235	224
SSIM 403/48	7,5	5,5		382	361	343	322	295	269	255
SSIM 403/55	7,5	5,5		438	414	393	370	337	308	293

Advised application field

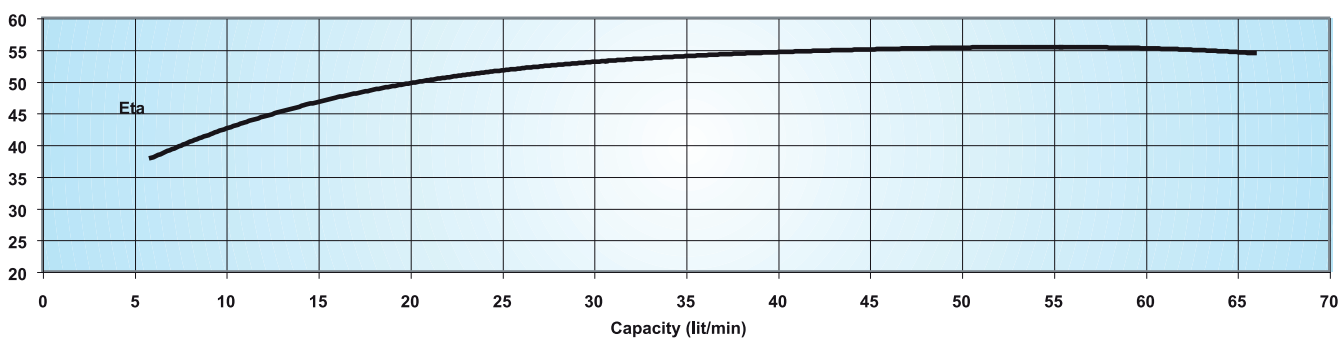
PUMP MODEL	D	L	G
SSIM 403/7	95	312	1 1/4
SSIM 403/10	95	381	1 1/4
SSIM 403/13	95	450	1 1/4
SSIM 403/16	95	519	1 1/4
SSIM 403/20	95	611	1 1/4
SSIM 403/22	95	657	1 1/4
SSIM 403/25	95	726	1 1/4
SSIM 403/30	95	841	1 1/4
SSIM 403/36	95	979	1 1/4
SSIM 403/42	95	1117	1 1/4
SSIM 403/48	95	1255	1 1/4
SSIM 403/55	95	1416	1 1/4



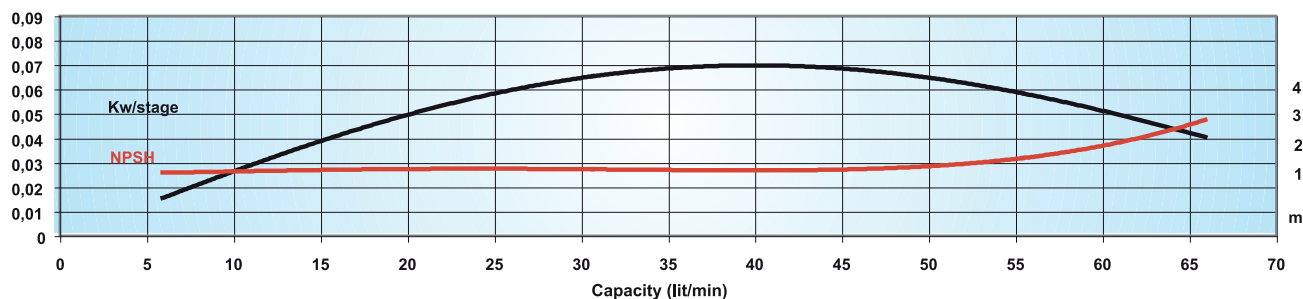
Performance curves SSIM 403 SERIE 60 Hz



Efficiency curve SSIM 403 serie 60 Hz



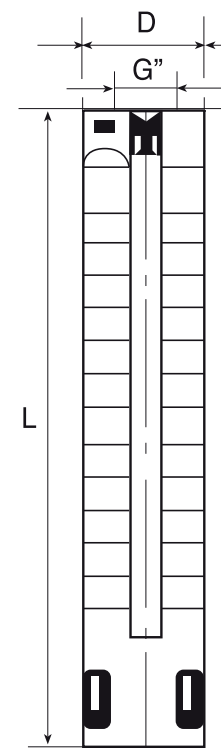
NPSH + Kw/stage curves



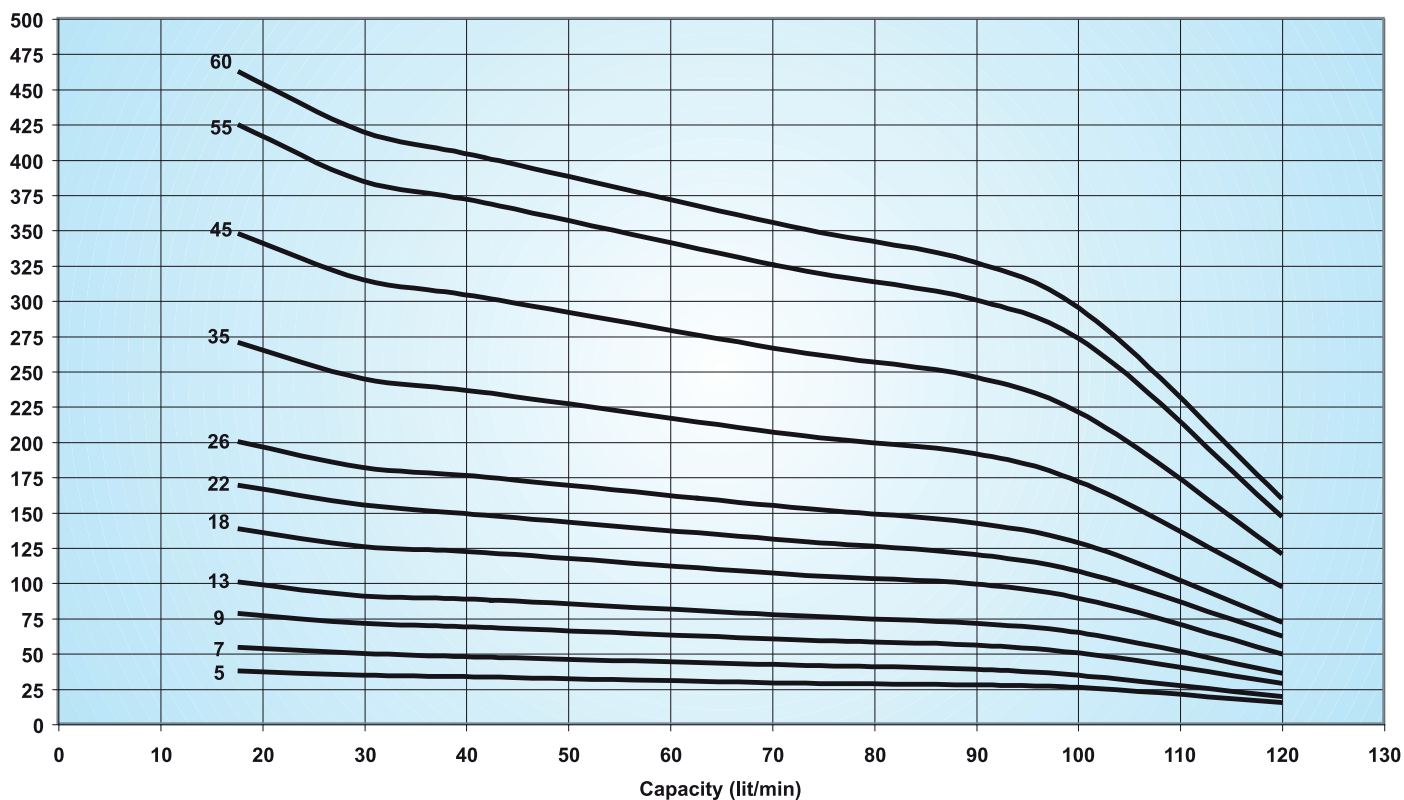
PUMP MODEL	POWER		Lit/sec	0,3	0,5	0,7	1,2	1,5	1,7	2
	HP	KW	Lit/min	18	30	42	72	90	102	120
			CBM/h	1,08	1,8	2,52	4,32	5,4	6,12	7,2
SSIM 405/5	0,75	0,55		36	34	32	28	27	24	14
SSIM 405/7	1	0,75		53	49	46	41	38	32	18
SSIM 405/9	1,5	1,1		77	70	67	59	55	48	28
SSIM 405/13	2	1,5		99	90	87	76	70	62	35
SSIM 405/18	3	2,2		137	125	120	105	98	85	49
SSIM 405/22	4	3		168	154	147	129	119	104	62
SSIM 405/26	5,5	4		199	181	174	153	141	123	71
SSIM 405/35	5,5	4		269	244	234	204	190	165	97
SSIM 405/45	7,5	5,5		346	314	301	263	245	213	120
SSIM 405/55	7,5	5,5		423	384	368	322	300	263	147
SSIM 405/60	10	7,5		461	419	400	351	326	284	160

Advised application field

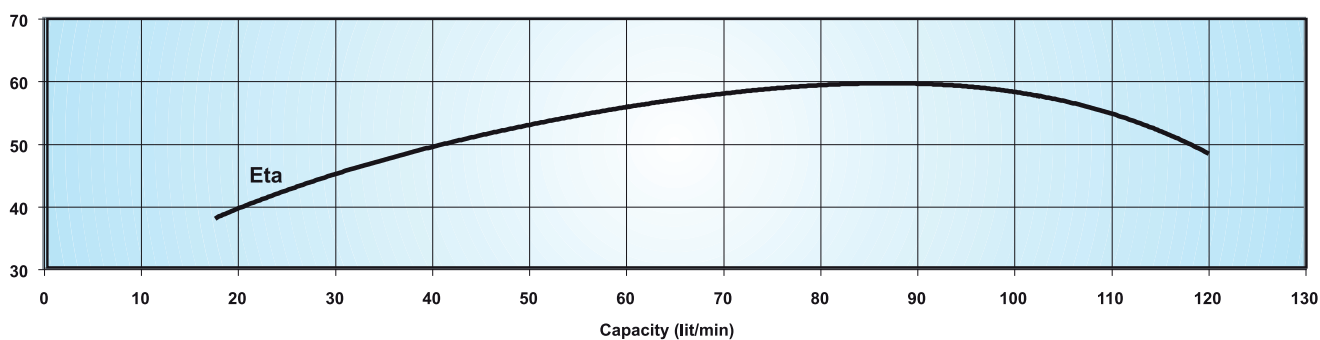
PUMP MODEL	D	L	G"
SSIM 405/5	95	268	1 1/4
SSIM 405/7	95	312	1 1/4
SSIM 405/9	95	358	1 1/4
SSIM 405/13	95	450	1 1/4
SSIM 405/18	95	565	1 1/4
SSIM 405/22	95	657	1 1/4
SSIM 405/26	95	749	1 1/4
SSIM 405/35	95	956	1 1/4
SSIM 405/45	95	1186	1 1/4
SSIM 405/55	95	1416	1 1/4
SSIM 405/60	95	1531	1 1/4



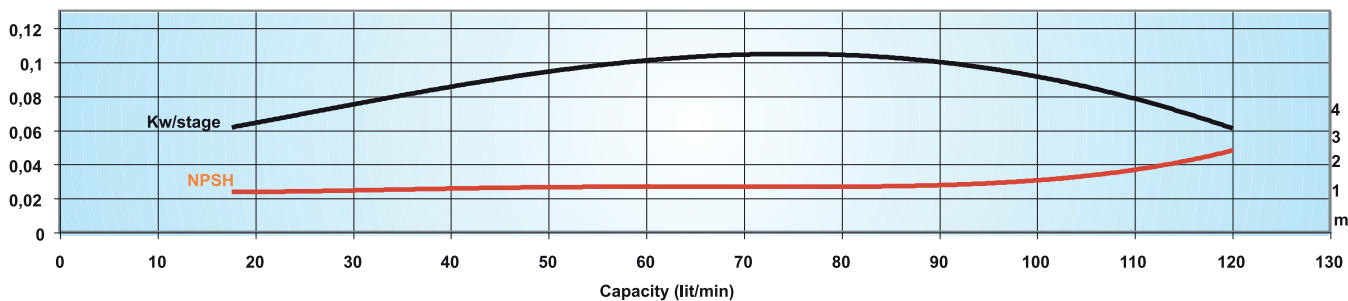
Performance curves SSIM 405 SERIE 60 Hz



Efficiency curve SSIM 405 serie 60 Hz



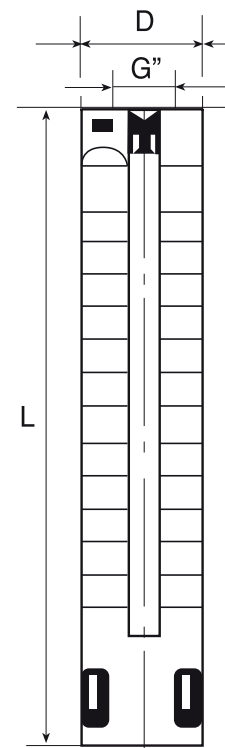
NPSH + Kw/stage curves



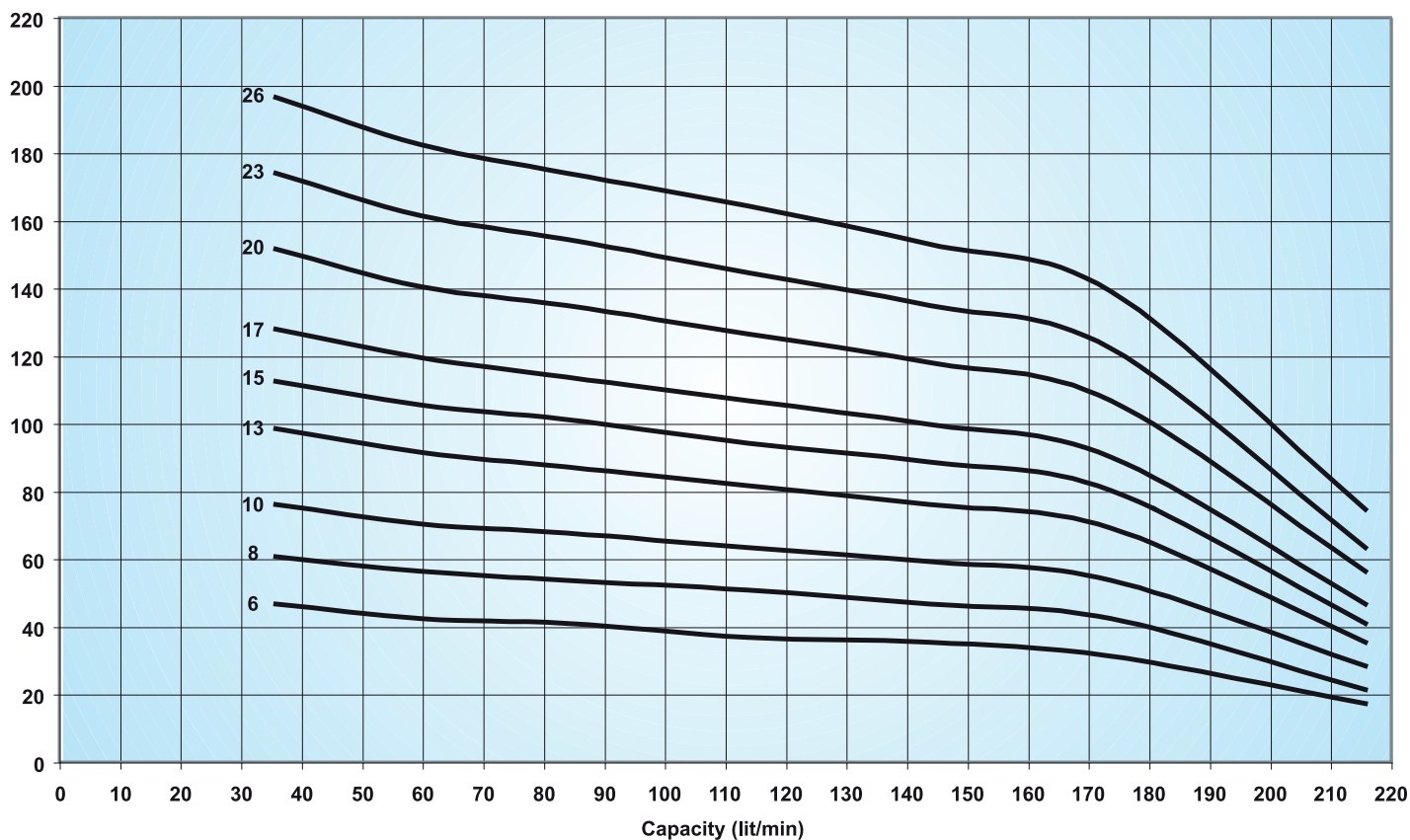
PUMP MODEL	POWER		Lit/sec	0,6	1	1,4	1,9	2,4	2,9	3,6
	HP	KW	Lit/min	36	60	84	114	144	174	216
			CBM/h	2,16	3,6	5,04	6,84	8,64	10,4	13
SSIM 408/6	1,5	1,1		46	42	41	36	35	31	17
SSIM 408/8	2	1,5		60	56	53	50	46	42	21
SSIM 408/10	3	2,2		76	70	67	63	59	53	28
SSIM 408/13	4	3		98	91	87	81	76	69	35
SSIM 408/15	5,5	4		112	105	101	94	88	80	41
SSIM 408/17	7,5	5,5		127	119	113	106	99	90	46
SSIM 408/20	7,5	5,5		151	140	134	126	118	106	56
SSIM 408/23	7,5	5,5		174	161	154	144	134	122	63
SSIM 408/26	10	7,5		196	182	174	164	153	139	74

Advised application field

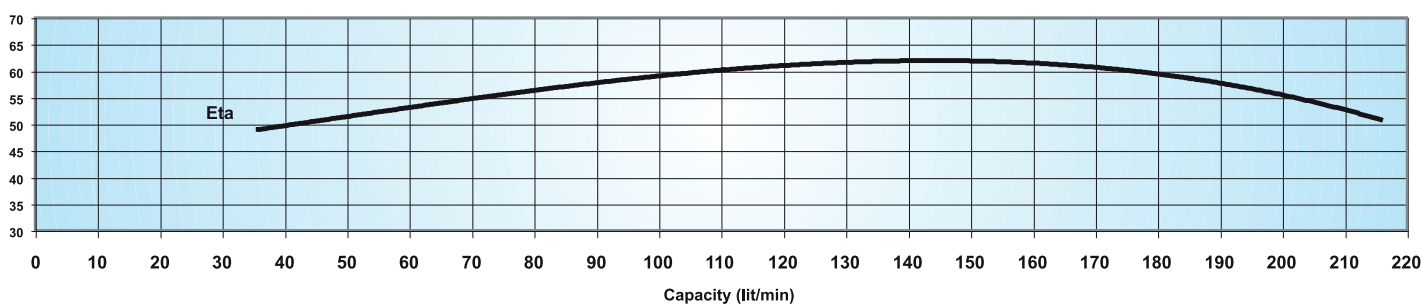
PUMP MODEL	D	L	G"
SSIM 408/6	95	269	2
SSIM 408/8	95	345	2
SSIM 408/10	95	421	2
SSIM 408/13	95	535	2
SSIM 408/15	95	725	2
SSIM 408/17	95	801	2
SSIM 408/20	95	915	2
SSIM 408/23	95	1029	2
SSIM 408/26	95	1143	2



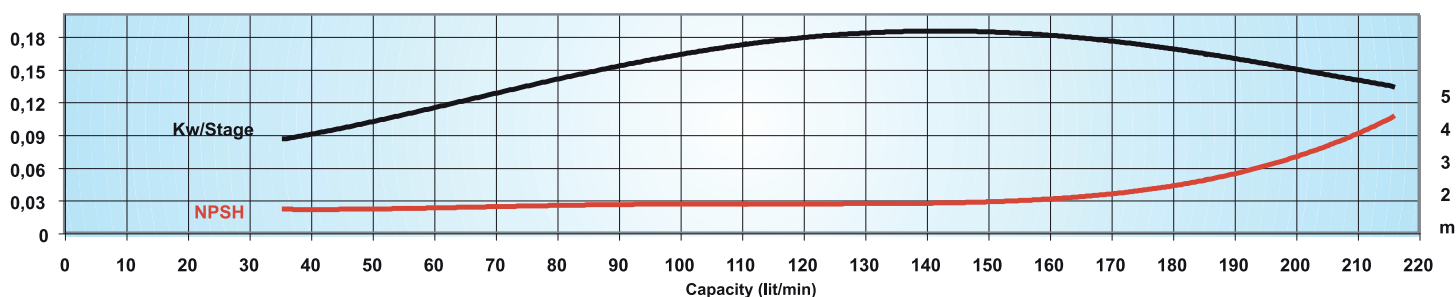
Performance curves SSIM 408 SERIE 60 Hz



Efficiency curve SSIM 408 serie 60 Hz



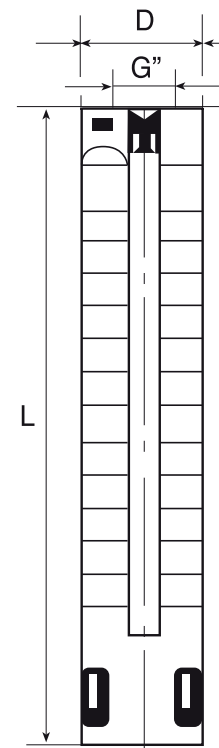
NPSH + Kw/stage curves



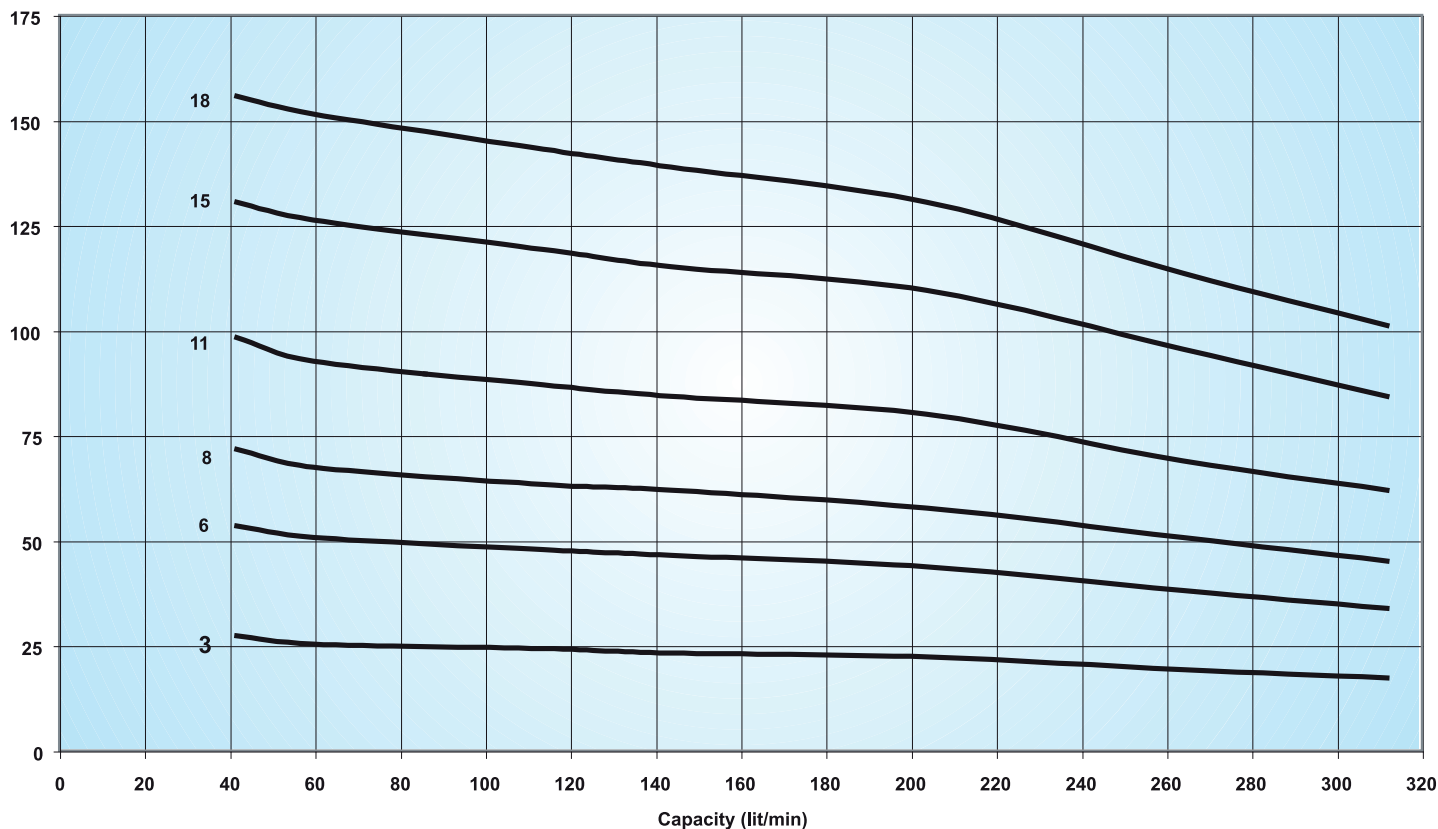
PUMP MODEL	POWER		Lit/sec	0,7	1	1,9	2,4	3,4	4,4	5,2
	HP	KW	Lit/min	42	60	114	144	204	264	312
			CBM/h	2,52	3,6	6,84	8,64	12,2	15,8	18,7
SSIM 414/3	2	1,5		27	25	24	23	22	19	17
SSIM 414/6	3	2		53	50	48	46	43	38	34
SSIM 414/8	5,5	4		71	67	63	62	57	50	45
SSIM 414/11	7,5	5,5		98	92	87	84	80	69	62
SSIM 414/15	10	7,5		130	126	119	115	109	95	84
SSIM 414/18	10	7,5		155	151	143	139	130	113	101

Advised application field

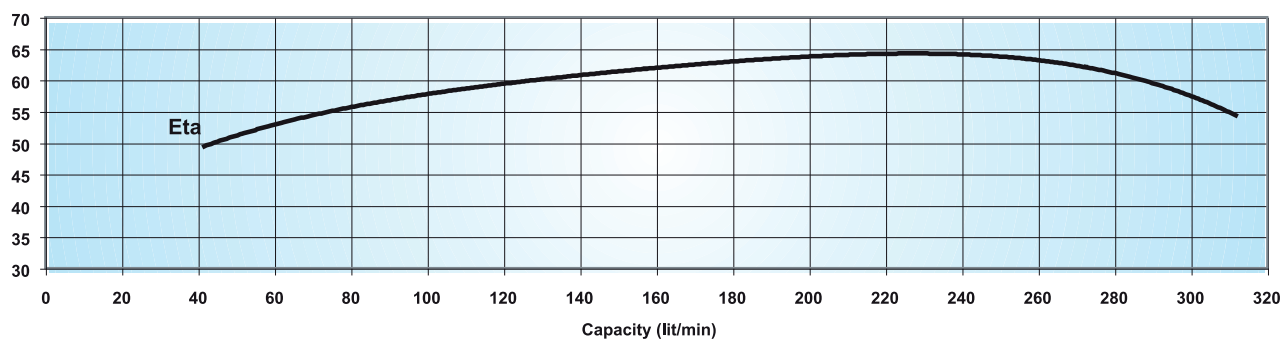
PUMP MODEL	D	L	G"
SSIM 414/3	95	281	2
SSIM 414/6	95	383	2
SSIM 414/8	95	459	2
SSIM 414/11	95	573	2
SSIM 414/15	95	725	2
SSIM 414/18	95	839	2



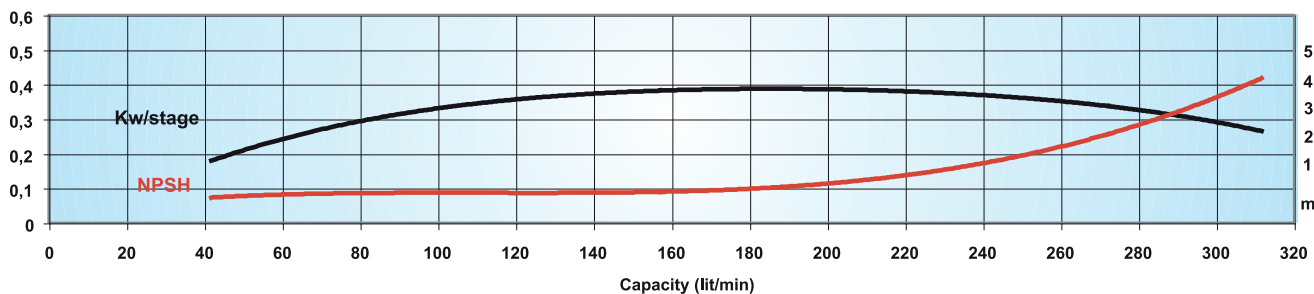
Performance curves SSIM 414 SERIE 60 Hz



Efficiency curve SSIM 414 serie 60 Hz



NPSH + Kw/stage curves



CARATTERISTICHE

Characteristics Caractéristiques Características

VERSIONE "N" IN AISI 316 INTEGRALE / "N" VERSION FULL AISI 316 STAINLESS-STEEL

Limite d'impiego e applicazioni

Pompa sommersa interamente costruita in acciaio inox resistente alla corrosione.
La pompa è direttamente accoppiata al motore a mezzo giunto.
1 - L'albero esagonale permette di ridurre al minimo le vibrazioni provocate dalla rotazione delle giranti.
2 - Per una maggior durata della pompa ogni diffusore è dotato di una boccola in gomma smontabile a cui corrisponde sull'albero una boccola in metallo cromato
3 - La pompa è provvista di un'ampia boccola di guida in gomma e di una boccola in metallo cromato sull'albero.
I supporti di guida sono lubrificati ad acqua.
4 - Liquidi pompati: acqua pulita
5 - Portata Q:
Quantità max di corpi solidi 50g/m³
6 - Tolleranza delle curve secondo norme ISO 2548 classe B

Impieghi:

- impianti d'irrigazione
- impianti industriali
- usi civili
- impianti pressurizzati

Bocca di mandata Valvola di non ritorno Diffusori Giranti	Acciaio inox AISI 304
Distanziali Supporto d'aspirazione Filtro Copricavo Giunto Viteria	Acciaio inox AISI 316
Albero	Acciaio inox AISI 304
Reggispinta superiore	Acciaio inox AISI 420 B/304
Anelli di usura girante e boccole di guida	Resina fenolica/teflon Gomma

Operating and application limits

Stainless steel submersible pump direct coupled to the motor with joint. Corrosion resistant and antirust pump entirely constructed in stainless steel.
1 - The exagonal shaft reduces the vibrations caused by impeller rotation.
2 - Each diffuser is provided with replaceable rubber bush and with a chromium-coated shaft sleeve for pump long life.
3 - Water lubricated head rubber bush with chromium-coated sleeve for an excellent resistance to abrasion.
4 - Pumped liquids: clean water
5 - Delivery:
Max solid quantity allowed: 50g/m³
6 - Curves tolerance according to ISO standards 2548 class B

Applications:

- irrigation system
- industrial uses
- home applications
- pressure system

Outlet Check valve	Stainless steel AISI 304
Diffusers Impellers	Stainless steel AISI 316
Sleeves Suction chamber Strainer Cable sheath Joint Bolts and nuts	Stainless steel AISI 304
Shaft	Stainless steel AISI 420 B/304
Upper thrust bearing	Phenolic resin/teflon
Impeller wear rings and Guide bushes	Rubber

Limites d'emploi et application

Pompe immergée résistante à la corrosion, entièrement construite en acier inox.
La pompe est directement connectée au moteur par un joint.
1 - L'arbre hexagonal réduit au minimum les vibrations provoquées par la rotation des roues.
2 - Afin d'assurer une longue durée de la pompe, chaque diffuseur est équipé avec une douille démontable en caoutchouc qui coïncide avec un manchon chromé situé sur l'arbre.
3 - La pompe possède une bague de guide en caoutchouc et un manchon chromé situé sur l'arbre.
Le système de support est lubrifié par l'eau.
4 - Liquides pompés: eau pure.
5 - Débit Q:
Quantité max de corps solides dans l'eau 50 mg/m³.
6 - Tolérance des courbes selon norme ISO 2548 classe B.

Utilisations:

- systèmes d'irrigation
- applications civiles et industrielles
- systèmes de pression

Corps de refoulement Soupape de retenue Chemise extérieure Diffuseurs Roues	Acier inox AISI 304
Anneau entretoise Support d'aspiration Filtre Protection du câble Joint Vis et boulons	Acier inox AISI 316
Arbre	Acier inox AISI 304
Butée d'embrayage supérieure	Acier inox AISI 420 B/304
Anneau d'usure des roues et des douilles	Résine phénolique/teflon Caoutchouc

Límite de empleo y aplicación

Bomba sumergida totalmente fabricada en acero inox resistente a la corrosión. La bomba está directamente acoplada al motor por medio de una junta.
1 - El eje hexagonal permite reducir al mínimo las vibraciones originadas por la rotación de los impulsores.
2 - Para una mayor duración de la bomba cada difusor está provisto con un buje de goma desmontable al cual le corresponde en el eje un buje de metal cromado.
3 - La bomba está provista con un amplio buje-guía de goma y con un buje de metal cromado en el eje.
Los soportes de guía están lubricados con agua.
4 - Líquidos bombeados: agua limpia
5 - Caudal
Cantidad máx de cuerpos sólidos 50g/m³
6 - Tolerancia de las curvas según las normas ISO 2548 clase B.

Empleos:

- instalaciones para irrigación
- instalaciones industriales
- usos civiles
- instalaciones presurizadas

Boca de impulsión Válvula sin retroceso Difusores Impulsores Espaciadores Soporte de aspiración Filtro Cubrecable Junta Tornillería	Acero inox AISI 304
Eje	Acero inox AISI 316
Cojinete de tope superior	Acero inox AISI 304
Anillos de desgaste impulsor y bujes-guía	Acero inox AISI 304 AISI 420 B/304 Resina fenolica/teflon Goma

6" - 8"

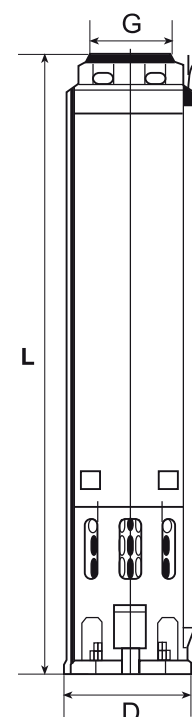


PUMP MODEL	POWER		Lit/sec	1,2	2	2,4	2,7	3,2	3,8	4,2
			Lit/min	72	120	144	162	192	228	252
			CBM/h	4,32	7,2	8,64	9,72	11,5	13,7	15,1
	HP	KW								
SSIM 4-613/4	3	2,2		64	56	50	43	36	22	14
SSIM 4-613/6	4	3		97	84	76	64	55	34	21
SSIM 4-613/8	5,5	4		130	112	101	87	73	45	28
SSIM 4-613/11	7,5	5,5		179	154	140	120	101	62	39
SSIM 4-613/14	10	7,5		227	197	178	153	127	78	49
SSIM 613/16	12,5	9,2		259	227	203	174	146	90	56
SSIM 613/18	15	11		293	252	228	196	164	101	63
SSIM 613/22	17,5	13		357	308	279	239	200	123	77
SSIM 613/26	20	15		423	367	330	284	238	146	91
SSIM 613/30	25	18,5		487	421	381	326	274	168	105
SSIM 613/34	25	18,5		553	480	433	371	311	190	119
SSIM 613/38	30	22		617	535	482	414	347	213	133
SSIM 613/40	30	22		650	564	508	437	365	224	140
SSIM 613/42	35	26		682	591	533	458	384	235	147
SSIM 613/45	35	26		731	634	571	491	410	252	157

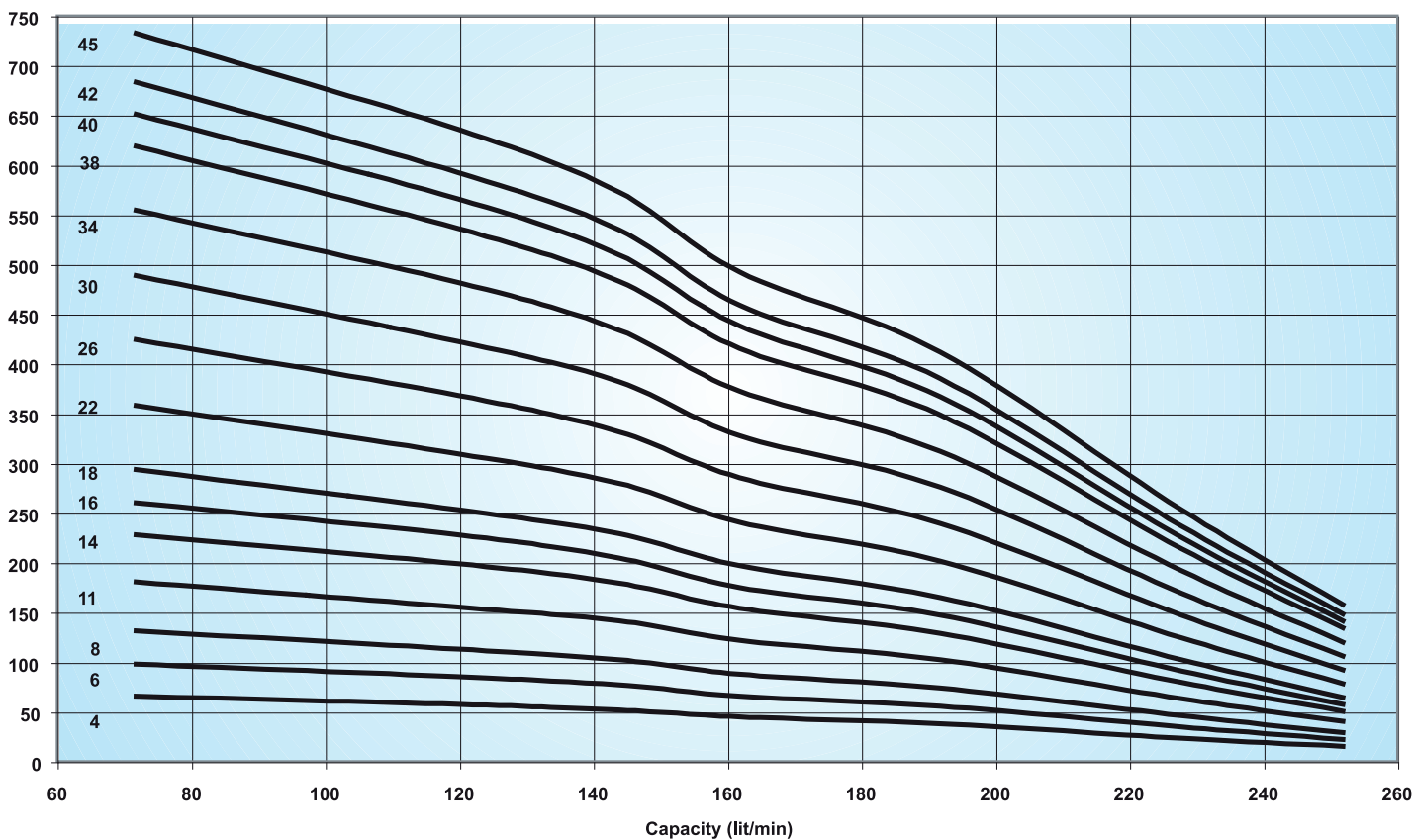
Advised application field

PUMP MODEL	D	L	G" *
SSIM 4-613/4	141	670	2"1/2
SSIM 4-613/6	141	746	2"1/2
SSIM 4-613/8	141	822	2"1/2
SSIM 4-613/11	141	936	2"1/2
SSIM 4-613/14	141	1050	2"1/2
SSIM 613/16	141	1126	2"1/2
SSIM 613/18	141	1202	2"1/2
SSIM 613/22	141	1354	2"1/2
SSIM 613/26	141	1506	2"1/2
SSIM 613/30	141	1658	2"1/2
SSIM 613/34	141	1814	2"1/2
SSIM 613/38	141	1970	2"1/2
SSIM 613/40	141	2046	2"1/2
SSIM 613/42	141	2122	2"1/2
SSIM 613/45	141	2236	2"1/2

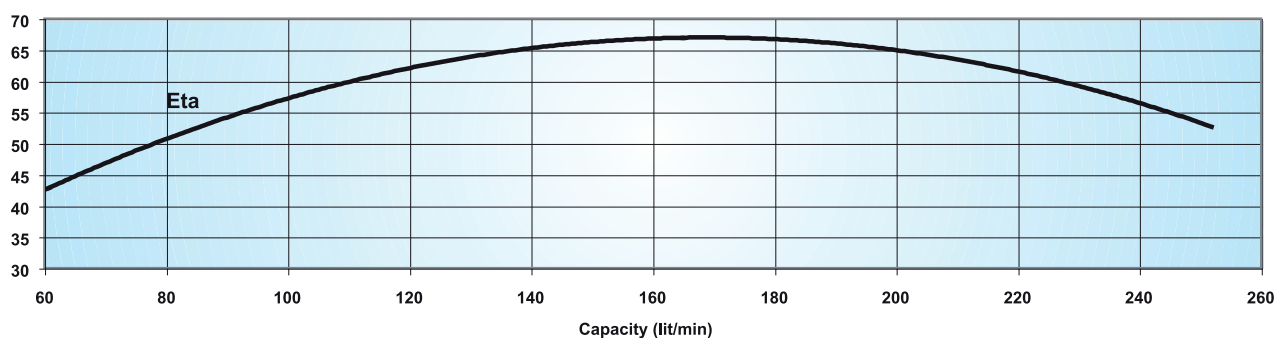
* 2" - 3" available too.



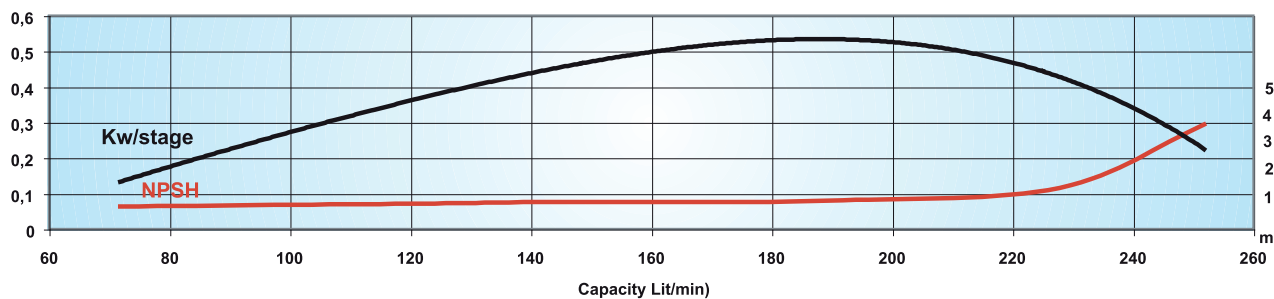
Performance curve SSIM 613 SERIE 60 Hz



Efficiency curve SSIM 613 serie 60 Hz



NPSH + Kw/stage curves

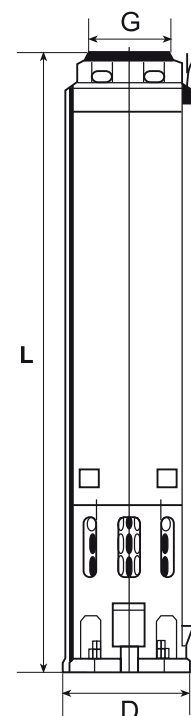


PUMP MODEL	POWER		Lit/sec	1,2	2,2	2,6	3,6	4,2	5,6	6,2
	HP	KW	Lit/min	72	132	156	216	252	336	372
			CBM/h	4,32	7,92	9,36	13	15,1	20,2	22,3
SSIM 604/4	5,5	4		77	70	66	59	50	31	21
SSIM 604/6	10	7,5		116	105	99	88	77	46	31
SSIM 604/8	12,5	9,2		154	140	132	118	102	63	42
SSIM 604/10	15	11		193	175	165	147	129	78	52
SSIM 604/12	17,5	13		232	210	197	176	154	94	62
SSIM 604/14	20	15		272	246	231	206	181	111	73
SSIM 604/16	20	15		309	280	265	235	206	126	84
SSIM 604/18	25	18,5		349	315	297	265	231	141	94
SSIM 604/20	30	22		388	351	332	294	258	157	105
SSIM 604/22	35	26		465	421	396	353	309	188	126
SSIM 604/28	40	30		543	493	463	412	360	221	147
SSIM 604/32	40	30		620	561	528	470	412	251	168
SSIM 604/36	50	37		697	631	595	529	463	283	190

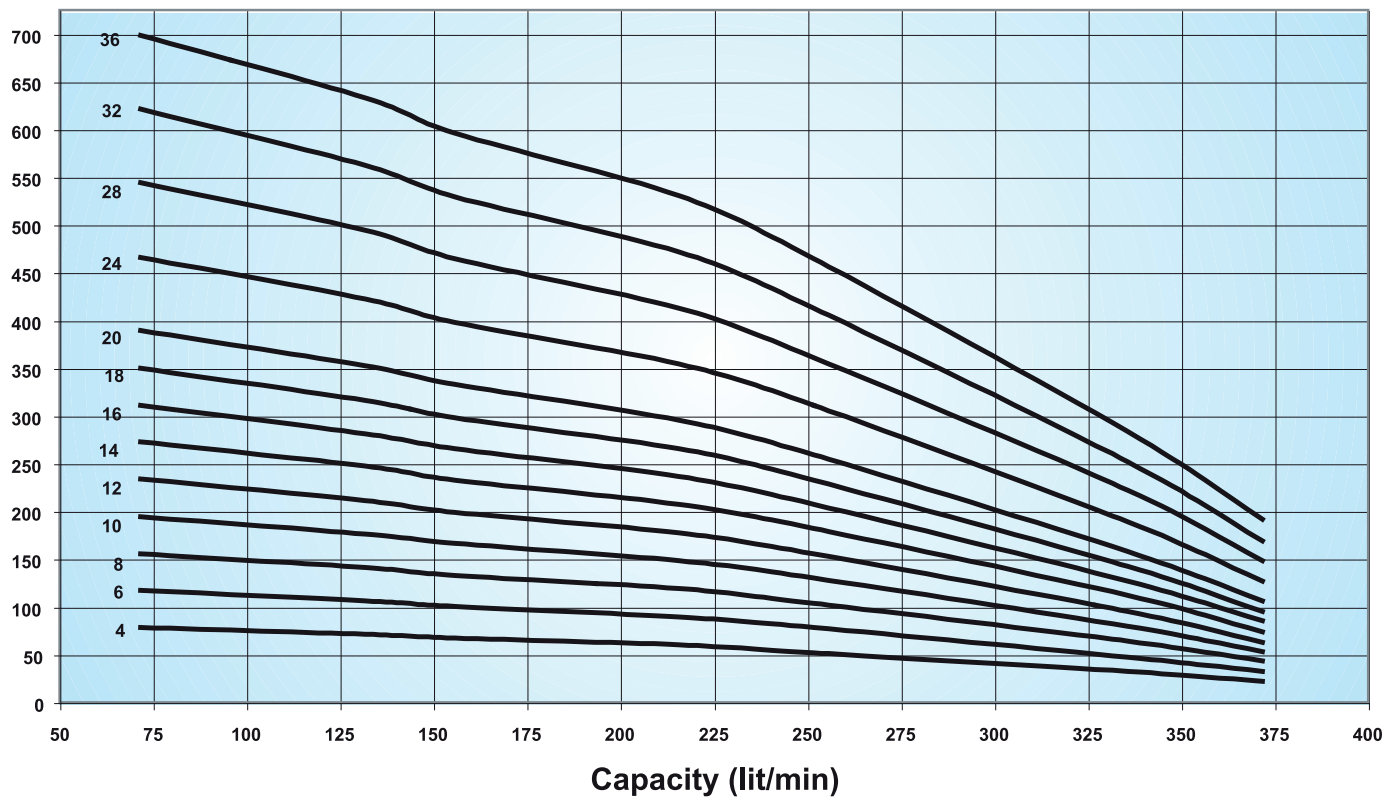
Advised application field

PUMP MODEL	D	L	G" *
SSIM 604/4	141	670	2" 1/2
SSIM 604/6	141	746	2" 1/2
SSIM 604/8	141	822	2" 1/2
SSIM 604/10	141	898	2" 1/2
SSIM 604/12	141	974	2" 1/2
SSIM 604/14	141	1050	2" 1/2
SSIM 604/16	141	1126	2" 1/2
SSIM 604/18	141	1202	2" 1/2
SSIM 604/20	141	1278	2" 1/2
SSIM 604/22	141	1434	2" 1/2
SSIM 604/28	141	1590	2" 1/2
SSIM 604/32	141	1746	2" 1/2
SSIM 604/36	141	1902	2" 1/2

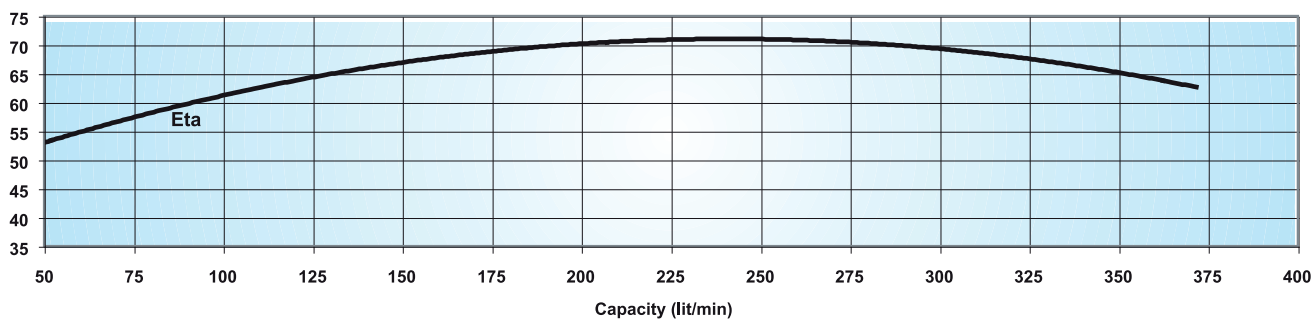
* 2" - 3" available too.



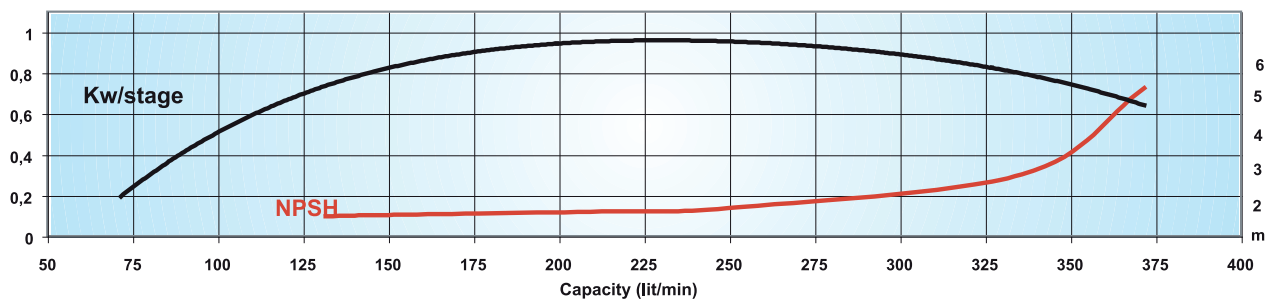
Performance curves SSIM 604 SERIE 60 Hz



Efficiency curve SSIM 604 serie 60 Hz



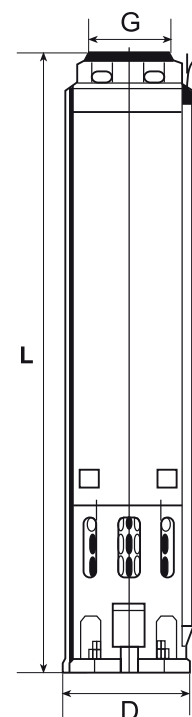
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	1,2	2,4	3,6	5	6,6	7,6	8,4
	HP	KW	Lit/min	72	144	216	300	396	456	504
			CBM/h	4,32	8,64	13	18	23,8	27,4	30,2
SSIM 4/614/4	7,5	5,5		78	77	63	53	36	22	10
SSIM 4/614/5	10	7,5		98	95	78	67	45	28	12
SSIM 614/6	12,5	9,2		119	115	94	80	55	34	14
SSIM 614/8	15	11		158	154	126	106	73	45	20
SSIM 614/9	17,5	13		178	174	141	120	83	50	22
SSIM 614/11	20	15		218	211	174	147	101	62	27
SSIM 614/12	25	18,5		237	231	189	161	111	67	29
SSIM 614/14	25	18,5		277	269	220	188	129	78	35
SSIM 614/16	30	22		318	308	252	214	147	90	41
SSIM 614/18	35	26		357	343	284	241	165	101	45
SSIM 614/20	40	30		396	385	315	267	183	112	50
SSIM 614/24	50	37		476	462	378	321	220	134	62
SSIM 614/26	50	37		515	498	410	347	238	146	66
SSIM 614/30	60	45		594	578	473	402	274	168	76

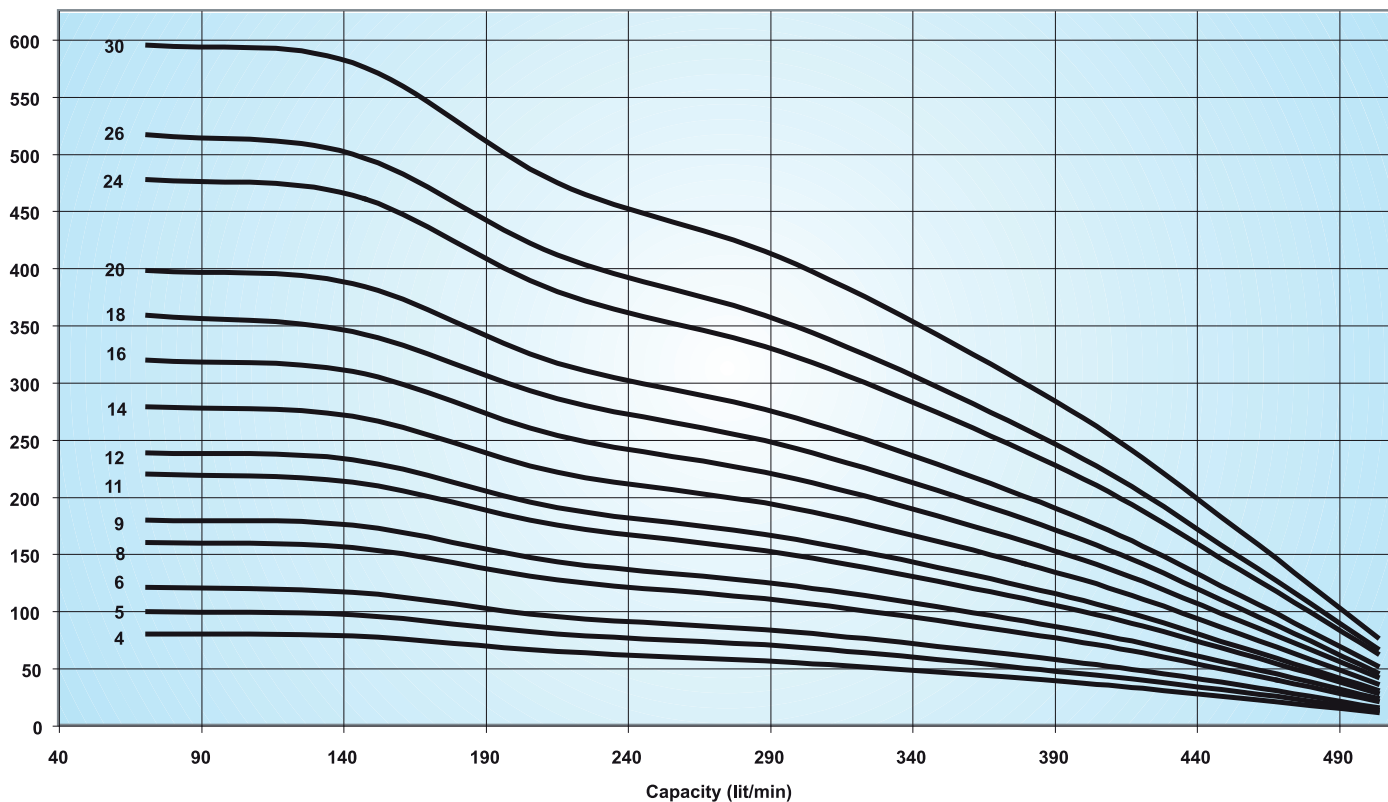
Advised application field

PUMP MODEL	D	L	G"
SSIM 4/614/4	141	670	2"1/2
SSIM 4/614/5	141	708	2"1/2
SSIM 614/6	141	746	2"1/2
SSIM 614/8	141	822	2"1/2
SSIM 614/9	141	860	2"1/2
SSIM 614/11	141	936	2"1/2
SSIM 614/12	141	974	2"1/2
SSIM 614/14	141	1050	2"1/2
SSIM 614/16	141	1126	2"1/2
SSIM 614/18	141	1202	2"1/2
SSIM 614/20	141	1278	2"1/2
SSIM 614/24	141	1430	2"1/2
SSIM 614/26	141	1506	2"1/2
SSIM 614/30	141	1658	2"1/2

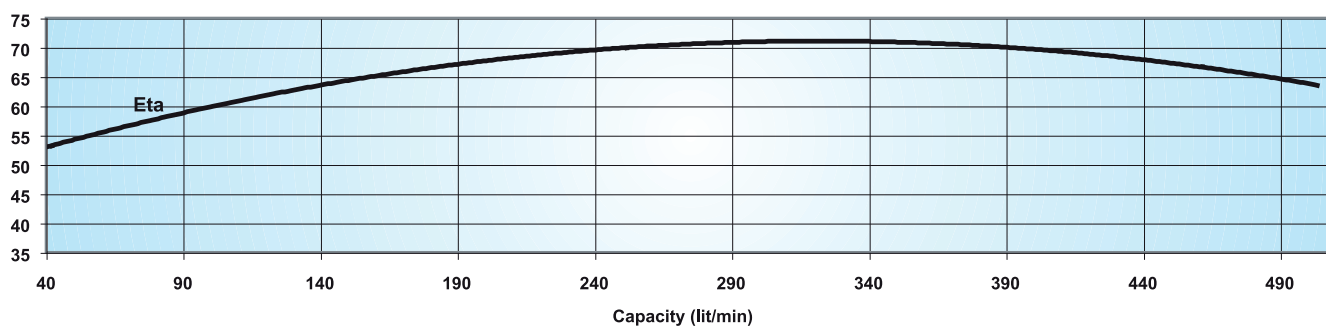


* 3" available too!

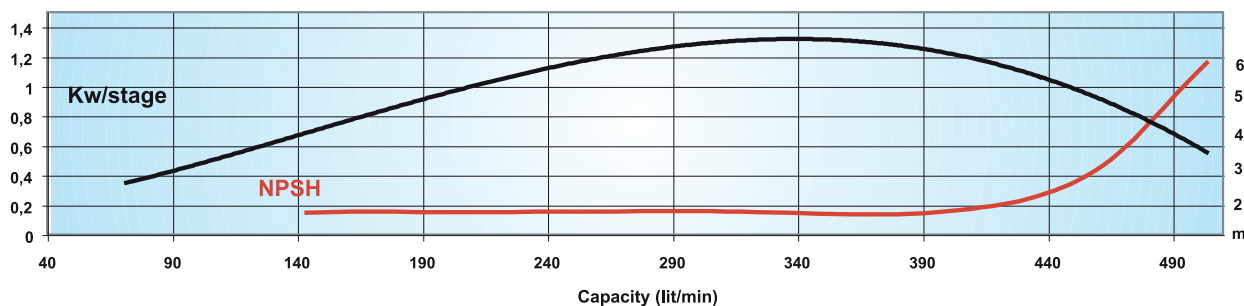
Performance curves SSIM 614 Serie 60 Hz



Efficiency curve SSIM 614 serie 60 Hz



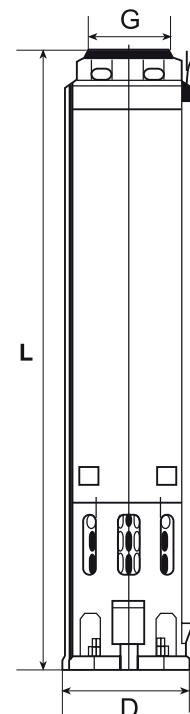
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	1,6	4,2	6,4	7,8	8,8	9,2	10
	HP	KW	Lit/min	96	252	384	468	528	552	600
			CBM/h	5,76	15,1	23	28,1	31,7	33,1	36
SSIM 624/2	5,5	4		38	35	28	21	14	11	5
SSIM 624/4	10	7,5		77	70	56	42	28	22	8
SSIM 624/5	15	11		95	87	70	52	35	28	11
SSIM 624/7	20	15		134	122	98	73	49	39	15
SSIM 624/8	20	15		154	140	112	84	56	45	18
SSIM 624/9	25	18,5		172	157	126	94	63	50	21
SSIM 624/10	30	22		192	175	140	105	70	56	22
SSIM 624/11	30	22		211	192	154	115	77	62	25
SSIM 624/13	35	26		249	227	182	137	91	73	29
SSIM 624/14	40	30		269	245	196	147	98	78	32
SSIM 624/16	50	37		307	280	224	168	112	90	36
SSIM 624/18	50	37		346	315	252	189	126	101	39
SSIM 624/21	60	45		405	367	294	221	147	118	47

Advised application field

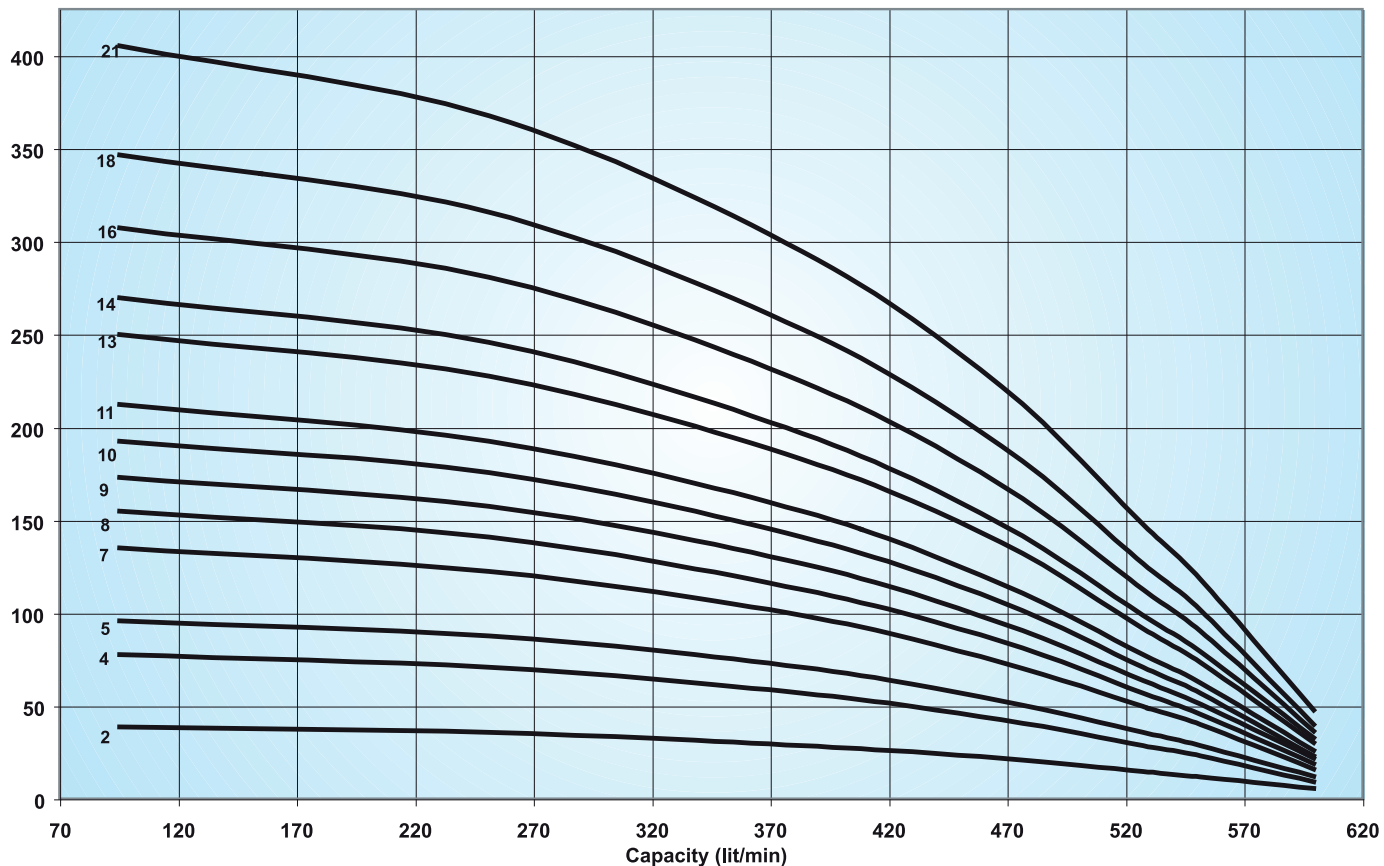
PUMP MODEL	D	L	G" *
SSIM 624/2	141	641	2"1/2
SSIM 624/4	141	715	2"1/2
SSIM 624/5	141	757	2"1/2
SSIM 624/7	141	841	2"1/2
SSIM 624/8	141	883	2"1/2
SSIM 624/9	141	925	2"1/2
SSIM 624/10	141	967	2"1/2
SSIM 624/11	141	1009	2"1/2
SSIM 624/13	141	1093	2"1/2
SSIM 624/14	141	1135	2"1/2
SSIM 624/16	141	1219	2"1/2
SSIM 624/18	141	1303	2"1/2
SSIM 624/21	141	1429	2"1/2



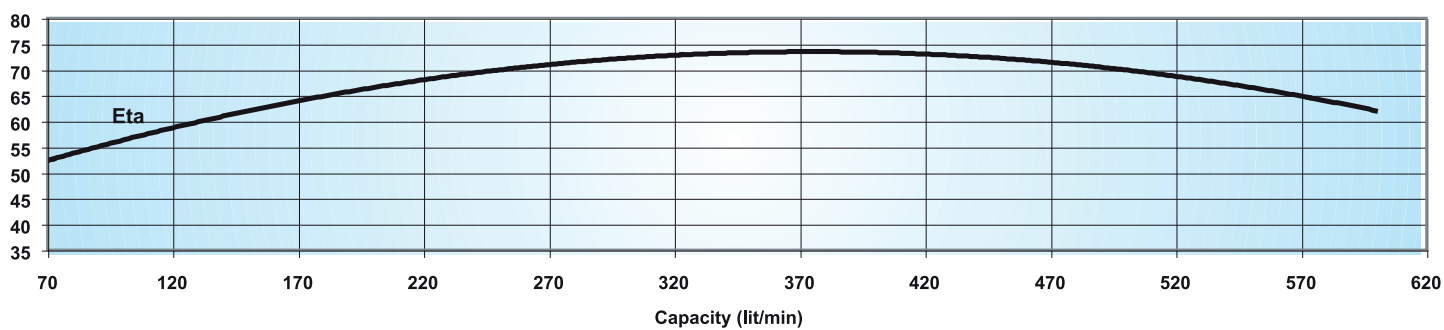
* 3" available too!

Capacity (lit/min)

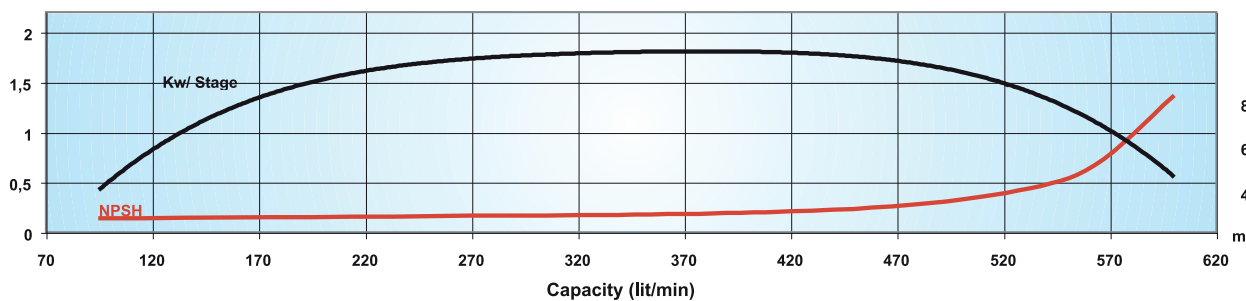
Performance curves SSIM 624 Serie 60 Hz



Efficiency curve SSIM 624 serie 60 Hz



NPSH + Kw/stage curves

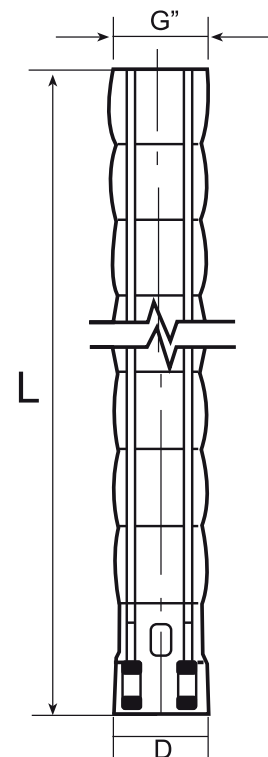


PUMP MODEL	POWER		Lit/sec	1,67	3,83	6,33	7,5	9,5	10,8	12	14,17
	HP	KW	Lit/min	100	230	380	450	570	650	718	850
			CBM/h	6	13,8	22,8	27	34,2	39	43,1	51
SSIM 4-627-2	7,5	5,5		39	37	35	31	27	23	17	15
SSIM 4-627-3	10	7,5		59	56	53	47	41	35	26	23
SSIM 627-4	12,5	9,2		78	74	70	62	54	46	34	30
SSIM 627-6	15	11		98	93	88	78	68	58	43	38
SSIM 627-9	20	15		117	111	105	93	81	69	51	45
SSIM 627-12	25	18,5		137	130	123	109	95	81	60	53
SSIM 627-15	25	18,5		156	148	140	124	108	92	68	60
SSIM 627-18	30	22		176	167	158	140	122	104	77	68
SSIM 627-20	30	22		195	185	175	155	135	115	85	75
SSIM 627-24	35	26		215	204	193	171	149	127	94	83
SSIM 627-28	40	30		234	222	210	186	162	138	102	90
SSIM 627-32	40	30		254	241	228	202	176	150	111	98
SSIM 627-36	50	37		273	259	245	217	189	161	119	105
SSIM 627-40	50	37		293	278	263	233	203	173	128	113

Advised application field

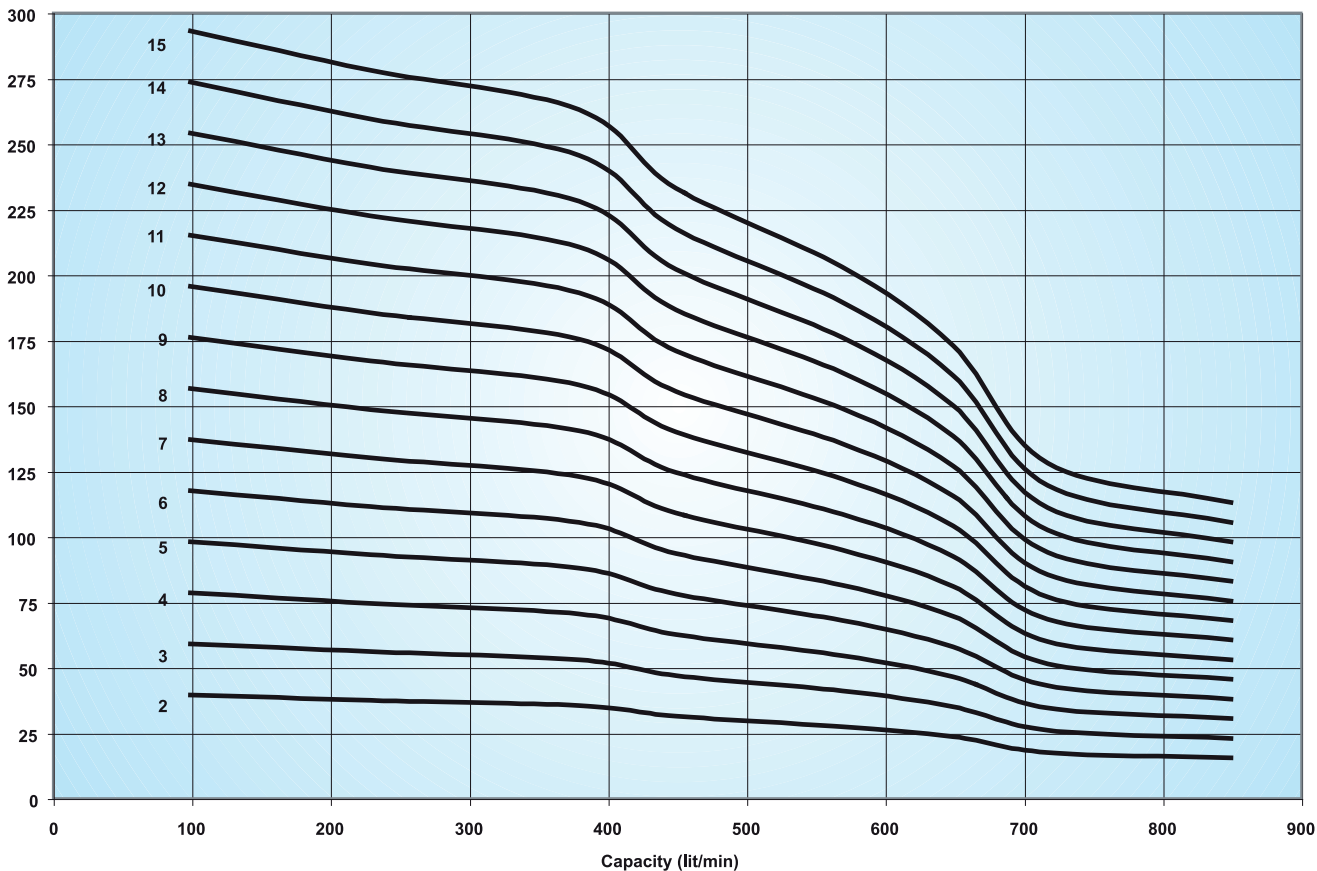
PUMP MODEL	D	L	G" *
SSIM 4-627-2	141	697	3
SSIM 4-627-3	141	808	3
SSIM 627-4	141	919	3
SSIM 627-6	141	1030	3
SSIM 627-9	141	1141	3
SSIM 627-12	141	1252	3
SSIM 627-15	141	1363	3
SSIM 627-18	141	1474	3
SSIM 627-20	141	1585	3
SSIM 627-24	141	1696	3
SSIM 627-28	141	1807	3
SSIM 627-32	141	1918	3
SSIM 627-36	141	2029	3
SSIM 627-40	141	2140	3

* 4" available too!

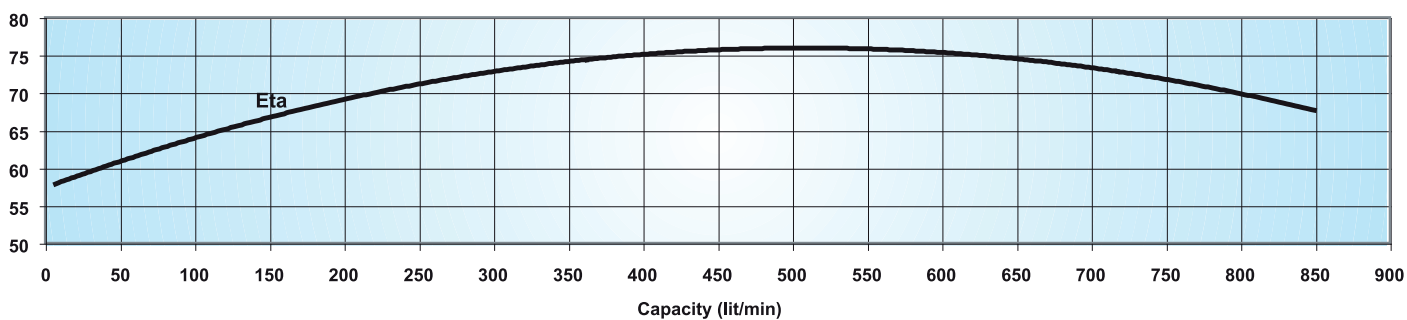


OPTIONAL USCITA 4" - OPTIONAL OUTLET 4"
OPCIONAL SALIDA 4" - EN OPTION, SORTIE 4"

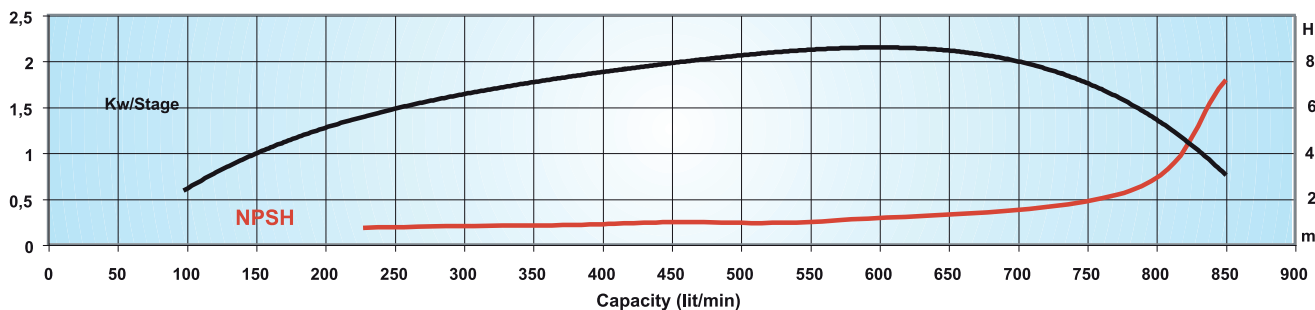
Performance Curve SSIM 627 Serie 60 Hz



Efficiency curve SSIM 627 serie 60 Hz



NPSH + Kw/stage curves

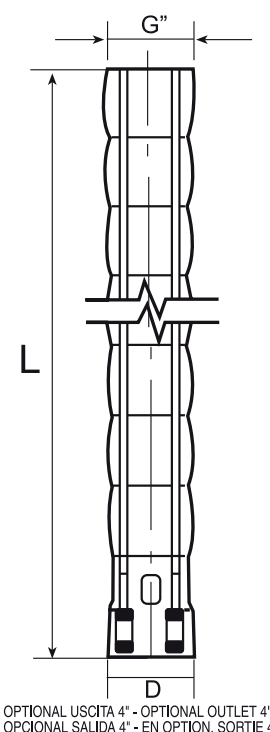


PUMP MODEL	POWER		Lit/sec	2,6	5	8	11	13,4	16	18,6	20
	HP	KW	Lit/min	156	300	480	660	804	960	1116	1200
			CBM/h	9,36	18	28,8	39,6	48,2	57,6	67	72
SSIM 4-640-2	7,5	5,5		35	34	32	29	25	21	15	13
SSIM 4-640-3	10	7,5		55	52	49	45	39	34	25	21
SSIM 640-4	15	11		73	70	66	60	53	45	35	29
SSIM 640-5	17,5	13		91	87	81	74	66	56	42	36
SSIM 640-6	20	15		109	104	97	88	80	67	50	43
SSIM 640-7	25	18,5		127	122	113	104	92	78	60	52
SSIM 640-8	25	18,5		147	139	130	120	108	91	70	60
SSIM 640-9	30	22		165	157	147	136	122	102	80	69
SSIM 640-10	35	26		183	174	162	150	133	113	87	76
SSIM 640-11	35	26		202	190	181	167	150	126	98	85
SSIM 640-12	40	30		220	209	196	181	161	137	106	92
SSIM 640-14	50	37		255	242	228	210	188	160	123	106
SSIM 640-15	50	37		273	259	245	223	200	171	132	113
SSIM 640-16	50	37		291	279	262	242	217	183	141	122
SSIM 640-17	60	45		315	295	277	255	228	195	150	130
SSIM 640-18	60	45		333	315	295	273	245	207	160	140

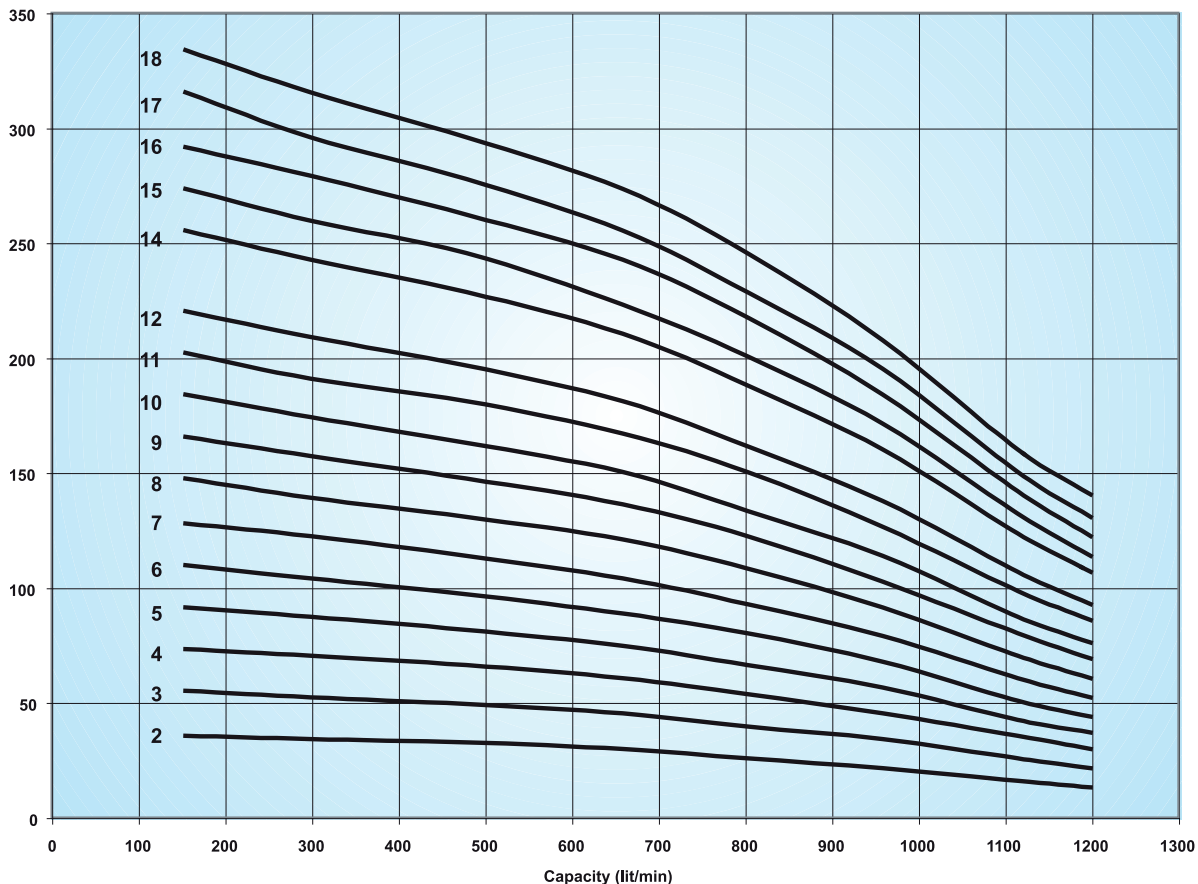
Advised application field

PUMP MODEL	D	L	G"
SSIM 4-640-2	141	700	3
SSIM 4-640-3	141	811	3
SSIM 640-4	141	920	3
SSIM 640-5	141	1029	3
SSIM 640-6	141	1142	3
SSIM 640-7	141	1251	3
SSIM 640-8	141	1362	3
SSIM 640-9	141	1473	3
SSIM 640-10	141	1584	3
SSIM 640-11	141	1695	3
SSIM 640-12	141	1806	3
SSIM 640-14	141	2028	3
SSIM 640-15	141	2139	3
SSIM 640-16	141	2250	3
SSIM 640-17	141	2361	3
SSIM 640-18	141	2472	3

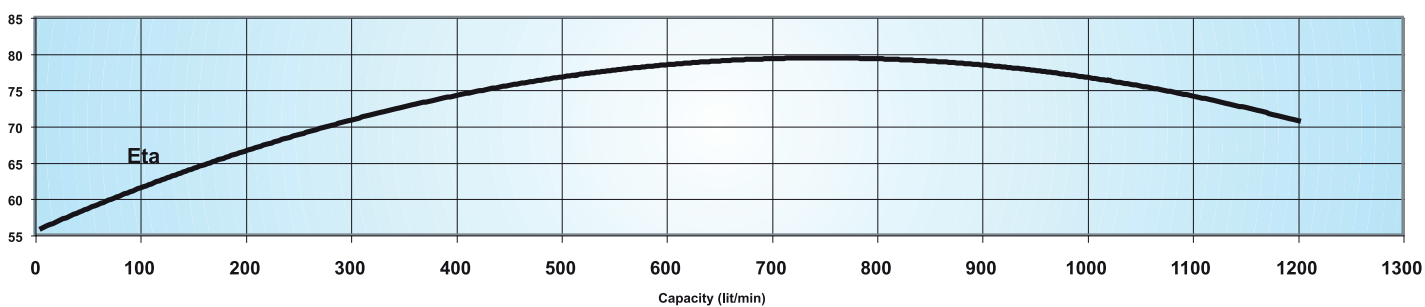
* 4" available too!



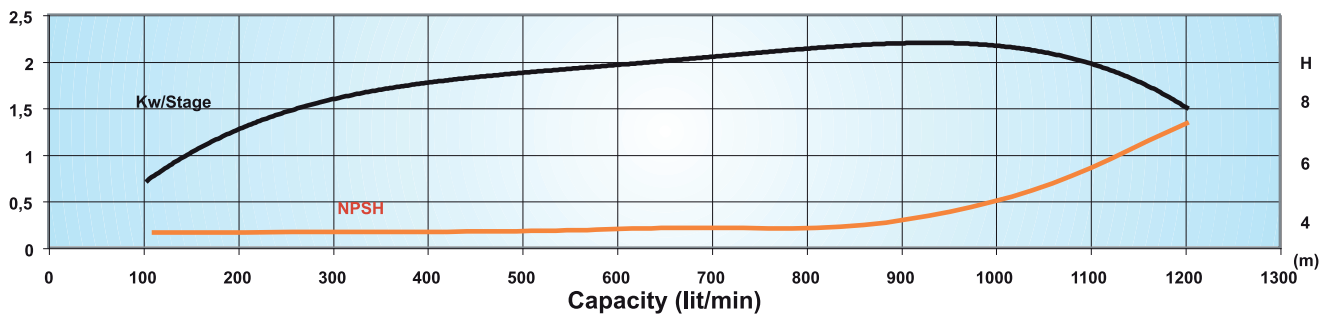
Performance curves SSIM 640 Serie 60 Hz



Efficiency curve SSIM 640 serie 60 Hz



NPSH+ Kw/Stage

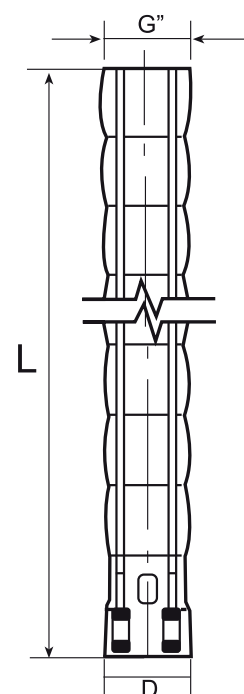


PUMP MODEL	POWER		Lit/sec	3,33	6,92	10,3	13	15	17,3	18,5	21,3	22,5
	HP	KW	Lit/min	200	415	620	780	900	1040	1110	1280	1350
			CBM/h	12	24,9	37,2	46,8	54	62,4	66,6	76,8	81
				41	39	33	30	27	23	20	17	11
SSIM 660/2	7,5	5,5		61	59	50	45	40	35	30	25	16
SSIM 660/3	12,5	9,2		81	79	67	60	53	47	40	33	21
SSIM 660/4	15	11		102	98	83	75	67	58	50	42	27
SSIM 660/5	20	15		122	118	100	90	80	70	60	50	32
SSIM 660/6	25	18,5		142	138	117	105	93	82	70	58	37
SSIM 660/7	30	22		163	157	133	120	107	93	80	67	43
SSIM 660/8	30	22		183	177	150	135	120	105	90	75	48
SSIM 660/9	35	26		203	197	167	150	133	117	100	83	53
SSIM 660/10	40	30		224	216	183	165	147	128	110	92	59
SSIM 660/11	50	37		244	236	200	180	160	140	120	100	64
SSIM 660/12	50	37		264	256	217	195	173	152	130	108	69
SSIM 660/13	50	37		285	275	233	210	187	163	140	117	75
SSIM 660/14	60	45		305	295	250	225	200	175	150	125	80
SSIM 660/15	60	45		325	315	267	240	213	187	160	133	85
SSIM 660/16	75	55		346	334	283	255	227	198	170	142	91
SSIM 660/17	75	55		366	354	300	270	240	210	180	150	96
SSIM 660/18	75	55										

Advised application field

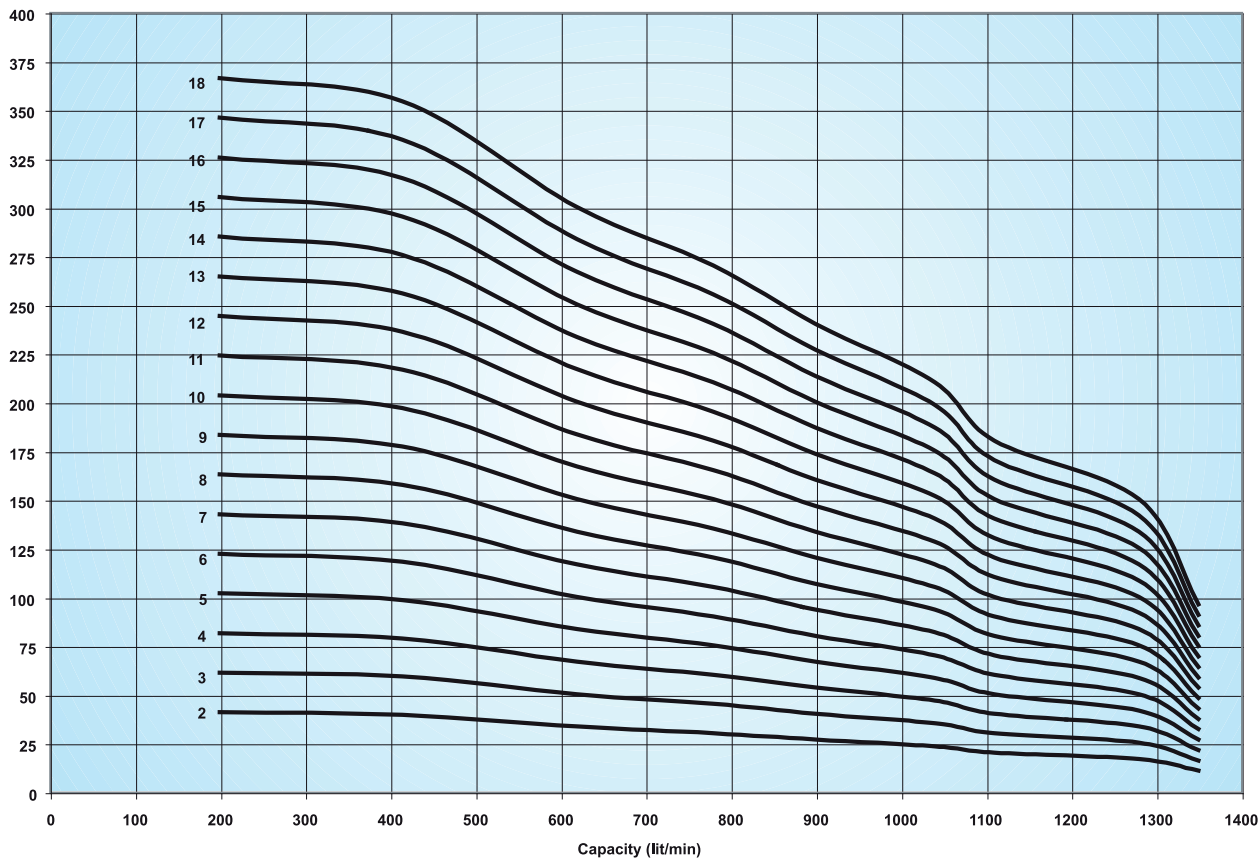
PUMP MODEL	D	L	G"
SSIM 660/2	141	700	3
SSIM 660/3	141	811	3
SSIM 660/4	141	922	3
SSIM 660/5	141	1033	3
SSIM 660/6	141	1144	3
SSIM 660/7	141	1255	3
SSIM 660/8	141	1366	3
SSIM 660/9	141	1477	3
SSIM 660/10	141	1588	3
SSIM 660/11	141	1699	3
SSIM 660/12	141	1810	3
SSIM 660/13	141	1921	3
SSIM 660/14	141	2032	3
SSIM 660/15	141	2143	3
SSIM 660/16	141	2254	3
SSIM 660/17	141	2365	3
SSIM 660/18	141	2476	3

* 4" available too!

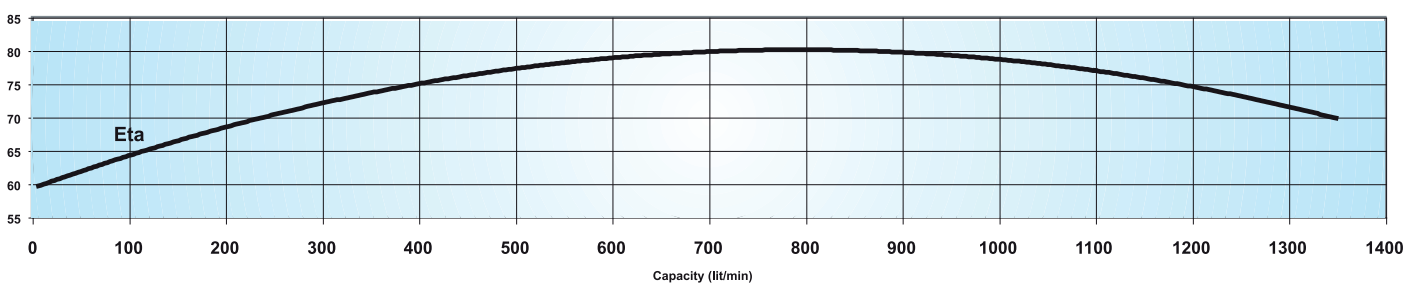


OPTIONAL USCITA 4" - OPTIONAL OUTLET 4"
OPCIONAL SALIDA 4" - EN OPTION, SORTIE 4"

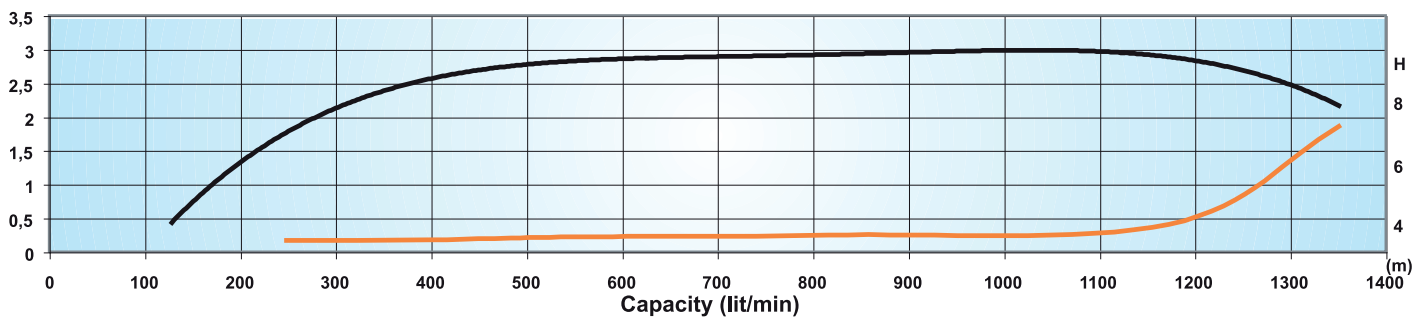
Performance Serie SSIM 660 60 Hz



Efficiency curve SSIM 660 serie 60 Hz



NPSH+ Kw/Stage



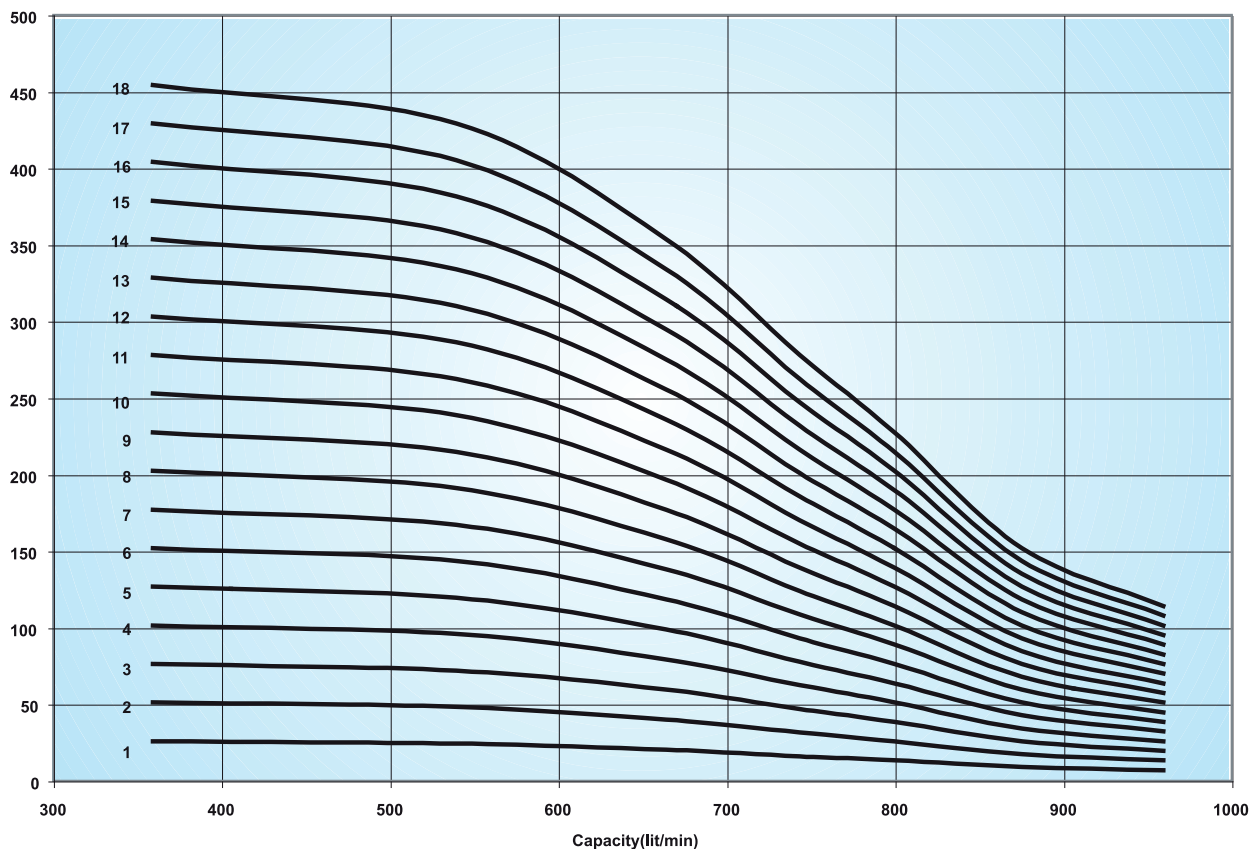
PUMP MODEL	POWER		Lit/sec	6	9	11,1	12,4	13,3	14,6	16
			Lit/min	360	540	665	744	800	876	960
			CBM/h	21,6	32,4	39,9	44,6	48	52,6	57,6
	HP	KW								
SSIM 830/1	4	3		25	24	20	15	13	8	6
SSIM 830/2	7,5	5,5		50	48	39	31	25	17	13
SSIM 830/3	12,5	9,2		76	71	59	46	38	25	19
SSIM 830/4	15	11		101	95	78	62	50	34	25
SSIM 830/5	20	15		126	119	98	77	63	42	32
SSIM 830/6	25	18,5		151	143	118	92	76	50	38
SSIM 830/7	30	22		176	167	137	108	88	59	44
SSIM 830/8	40	30		202	190	157	123	101	67	50
SSIM 830/9	40	30		227	214	176	139	113	76	57
SSIM 830/10	40	30		252	238	196	154	126	84	63
SSIM 830/11	50	37		277	262	216	169	139	92	69
SSIM 830/12	50	37		302	286	235	185	151	101	76
SSIM 830/13	50	37		328	309	255	200	164	109	82
SSIM 830/14	60	44		353	333	274	216	176	118	88
SSIM 830/15	60	44		378	357	294	231	189	126	95
SSIM 830/16	60	44		403	381	314	246	202	134	101
SSIM 830/17	75	55		428	405	333	262	214	143	107
SSIM 830/18	75	55		454	428	353	277	227	151	113

Advised application field

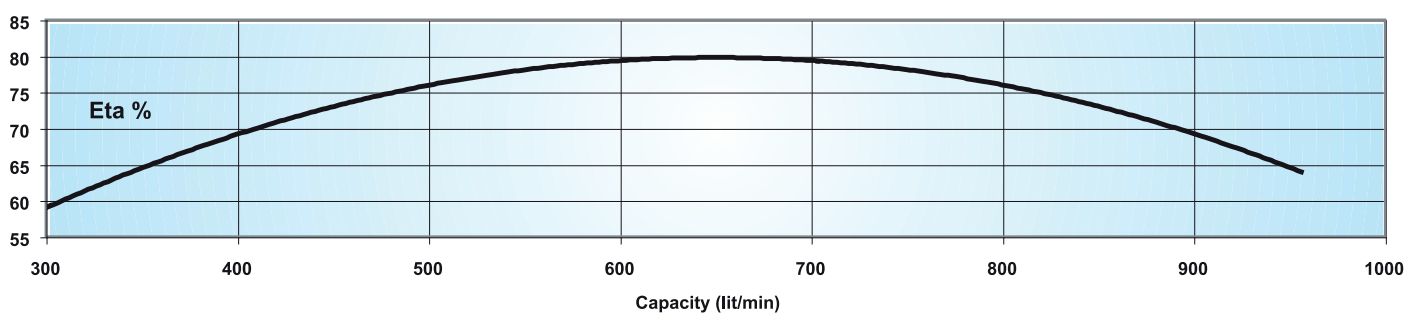
PUMP MODEL	D	L	G"
SSIM 830/1	186	560	4
SSIM 830/2	186	608	4
SSIM 830/3	186	656	4
SSIM 830/4	186	704	4
SSIM 830/5	186	752	4
SSIM 830/6	186	800	4
SSIM 830/7	186	848	4
SSIM 830/8	186	896	4
SSIM 830/9	186	944	4
SSIM 830/10	186	992	4
SSIM 830/11	186	1040	4
SSIM 830/12	186	1088	4
SSIM 830/13	186	1136	4
SSIM 830/14	186	1184	4
SSIM 830/15	186	1232	4
SSIM 830/16	186	1280	4
SSIM 830/17	186	1328	4
SSIM 830/18	186	1376	4



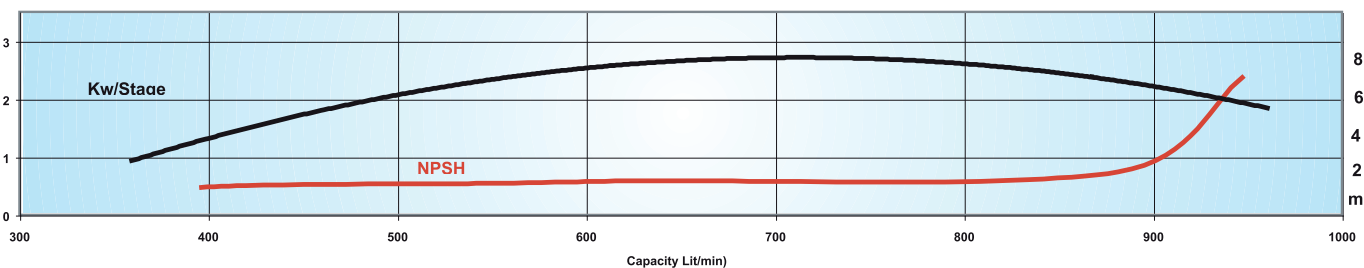
Performance Curves SSIM 830 Serie - 60 Hz



Efficiency curve SSIM 830 serie 60 Hz



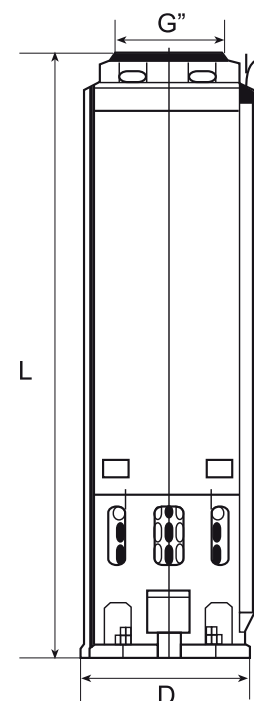
NPSH + Kw/stage curves



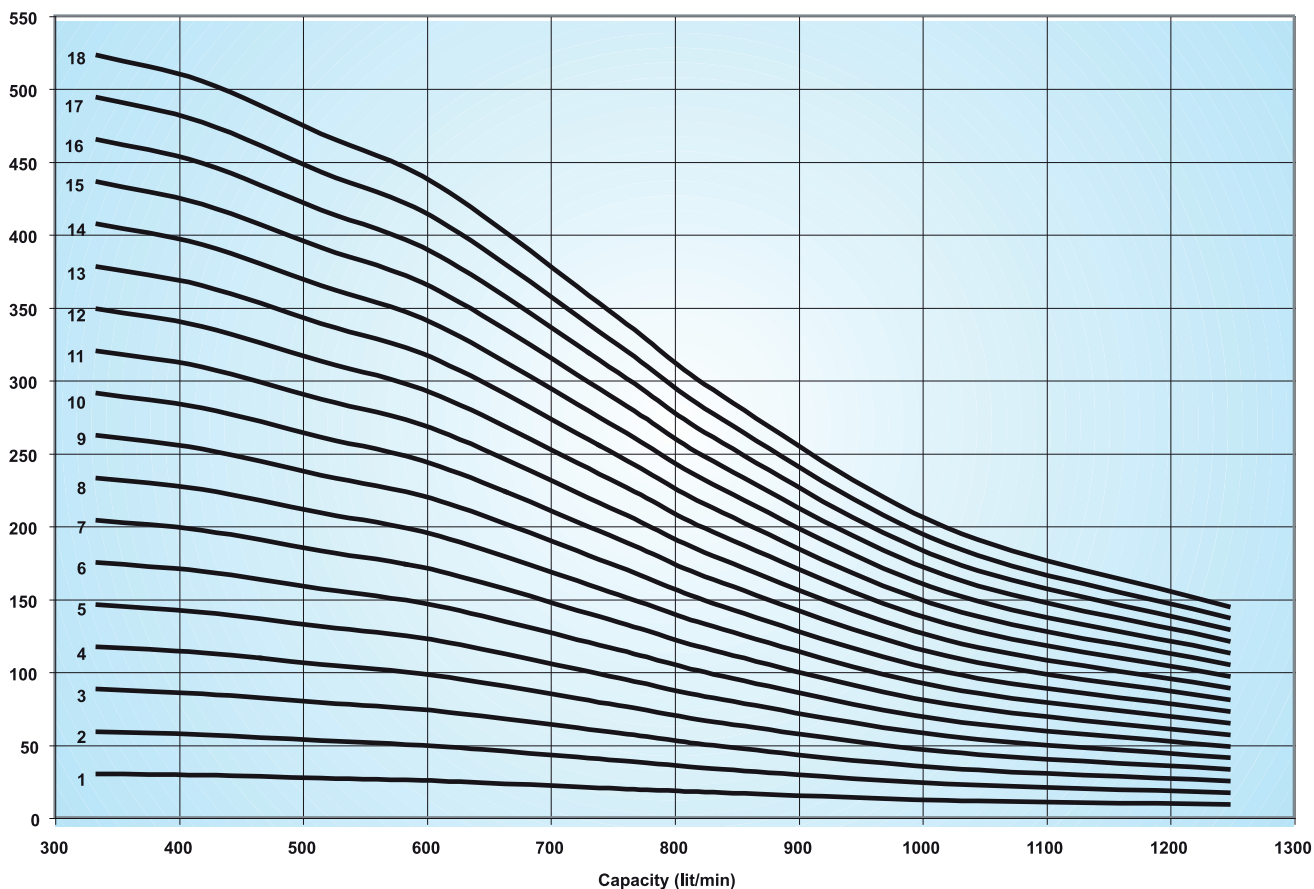
PUMP MODEL	POWER		Lit/sec	5,6	7	8,6	10,2	12,6	14	17	20,8
	HP	KW	Lit/min	336	420	516	612	756	840	1020	1248
			CBM/h	20,2	25,2	31	36,7	45,4	50,4	61,2	74,9
SSIM 842/1	7,5	5,5		29	28	26	24	19	16	11	8
SSIM 842/2	15	11		58	56	52	48	38	32	22	16
SSIM 842/3	20	15		87	84	78	72	57	48	33	24
SSIM 842/4	25	18,5		116	112	104	96	76	64	44	32
SSIM 842/5	30	22		145	140	130	120	95	80	55	40
SSIM 842/6	35	26		174	168	156	144	114	96	66	48
SSIM 842/7	40	30		203	196	182	168	133	112	77	56
SSIM 842/8	50	37		232	224	208	192	152	128	88	64
SSIM 842/9	50	37		261	252	234	216	171	144	99	72
SSIM 842/10	60	44		290	280	260	240	190	160	110	80
SSIM 842/11	60	44		319	308	286	264	209	176	121	88
SSIM 842/12	75	55		348	336	312	288	228	192	132	96
SSIM 842/13	75	55		377	364	338	312	247	208	143	104
SSIM 842/14	90	67		406	392	364	336	266	224	154	112
SSIM 842/15	90	67		435	420	390	360	285	240	165	120
SSIM 842/16	90	67		464	448	416	384	304	256	176	128
SSIM 842/17	100	75		493	476	442	408	323	272	187	136
SSIM 842/18	100	75		522	504	468	432	342	288	198	144

Advised application field

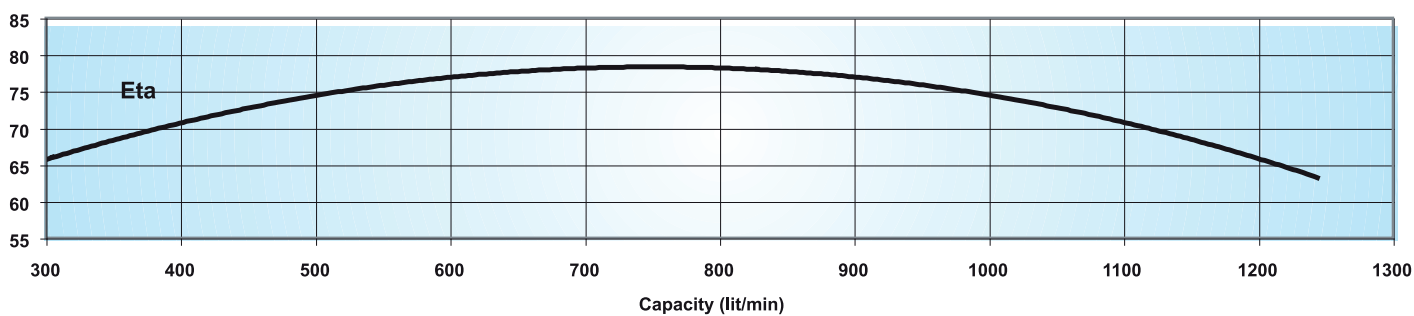
PUMP MODEL	D	L	G"
SSIM 842/1	186	568	4"
SSIM 842/2	186	616	4"
SSIM 842/3	186	664	4"
SSIM 842/4	186	712	4"
SSIM 842/5	186	760	4"
SSIM 842/6	186	808	4"
SSIM 842/7	186	856	4"
SSIM 842/8	186	904	4"
SSIM 842/9	186	952	4"
SSIM 842/10	186	1000	4"
SSIM 842/11	186	1048	4"
SSIM 842/12	186	1096	4"
SSIM 842/13	186	1144	4"
SSIM 842/14	186	1192	4"
SSIM 842/15	186	1240	4"
SSIM 842/16	186	1288	4"
SSIM 842/17	186	1336	4"
SSIM 842/18	186	1384	4"



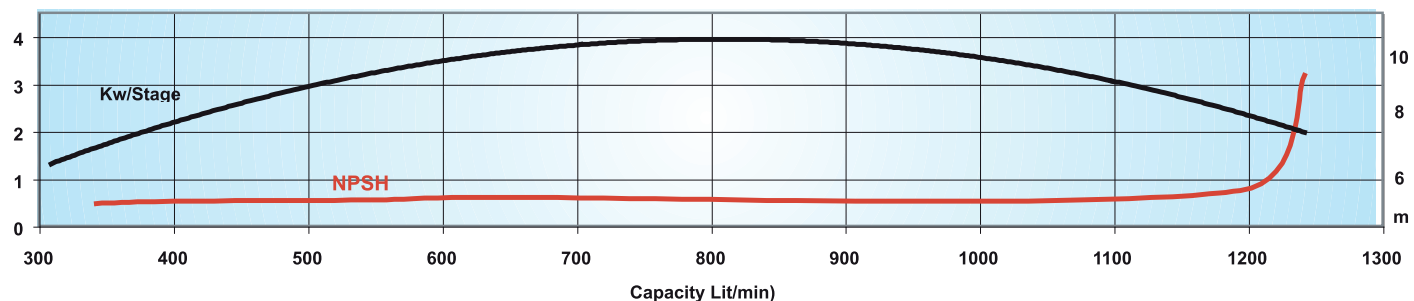
Performance Curves SSIM 842 Serie - 60 Hz



Efficiency curve SSIM 842 serie 60 Hz



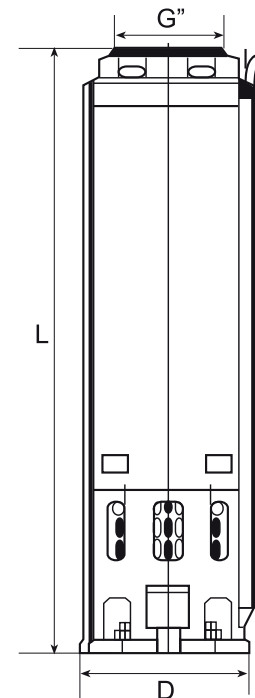
NPSH + Kw/stage curves



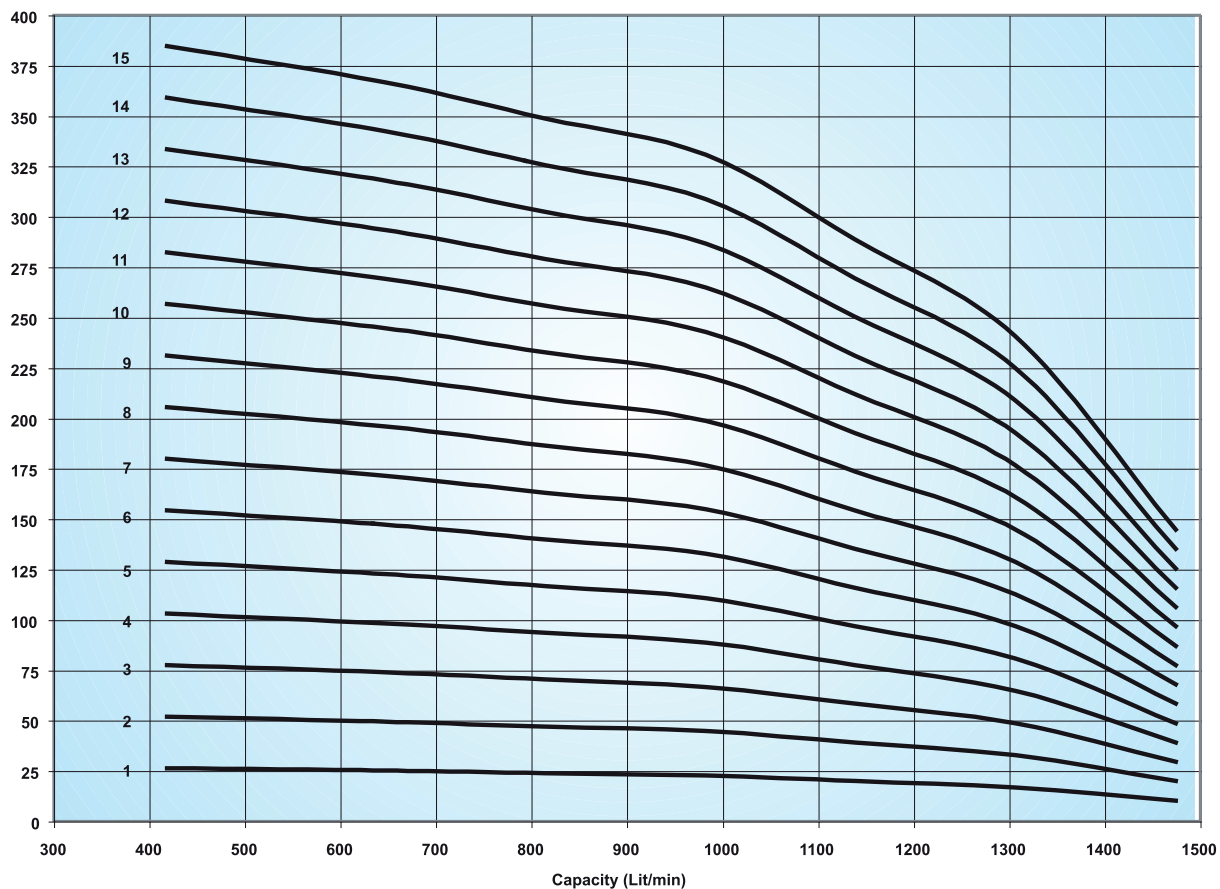
PUMP MODEL	POWER		Lit/sec	7	10,8	13,6	16,4	19	21,8	24,6
	HP	KW								
SSIM 860/1	10	7,5	26	24	23	22	19	16	10	
SSIM 860/2	15	11	51	49	46	44	38	32	19	
SSIM 860/3	25	18,5	77	73	70	66	58	48	29	
SSIM 860/4	30	22	102	98	93	88	77	64	38	
SSIM 860/5	40	30	128	122	116	110	96	80	48	
SSIM 860/6	50	37	154	146	139	132	115	96	58	
SSIM 860/7	60	44	179	171	162	154	134	112	67	
SSIM 860/8	60	44	205	195	186	176	154	128	77	
SSIM 860/9	70	52	230	220	209	198	173	144	86	
SSIM 860/10	75	55	256	244	232	220	192	160	96	
SSIM 860/11	80	60	282	268	255	242	211	176	106	
SSIM 860/12	90	67	307	293	278	264	230	192	115	
SSIM 860/13	90	67	333	317	302	286	250	208	125	
SSIM 860/14	100	75	358	342	325	308	269	224	134	
SSIM 860/15	100	75	384	366	348	330	288	240	144	

Advised application field

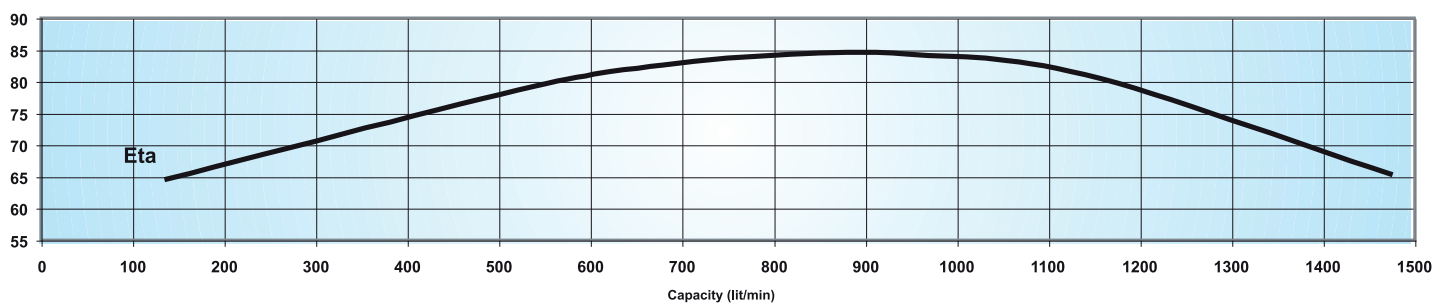
PUMP MODEL	D	L	G"
SSIM 860/1	186	504	4"
SSIM 860/2	186	563	4"
SSIM 860/3	186	622	4"
SSIM 860/4	186	681	4"
SSIM 860/5	186	740	4"
SSIM 860/6	186	799	4"
SSIM 860/7	186	858	4"
SSIM 860/8	186	917	4"
SSIM 860/9	186	976	4"
SSIM 860/10	186	1035	4"
SSIM 860/11	186	1094	4"
SSIM 860/12	186	1153	4"
SSIM 860/13	186	1212	4"
SSIM 860/14	186	1271	4"
SSIM 860/15	186	1330	4"



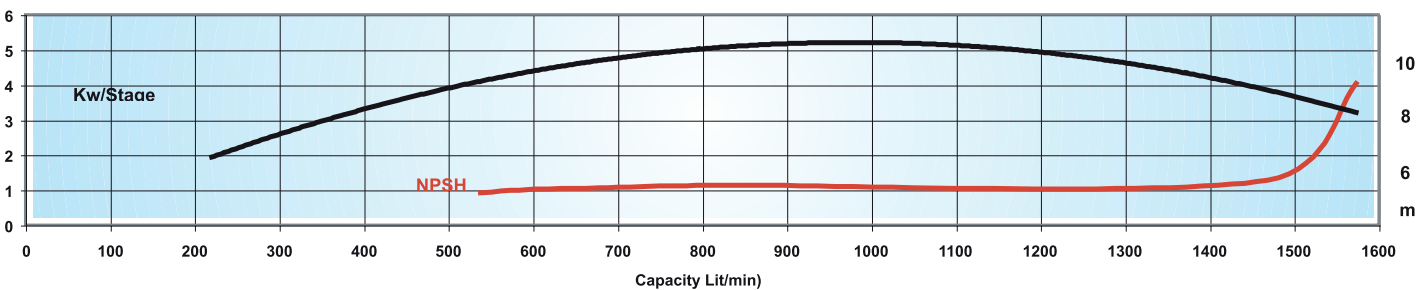
Performance Curve SSIM 860 Serie 60 Hz



Efficiency curve SSIM 860 serie 60 Hz



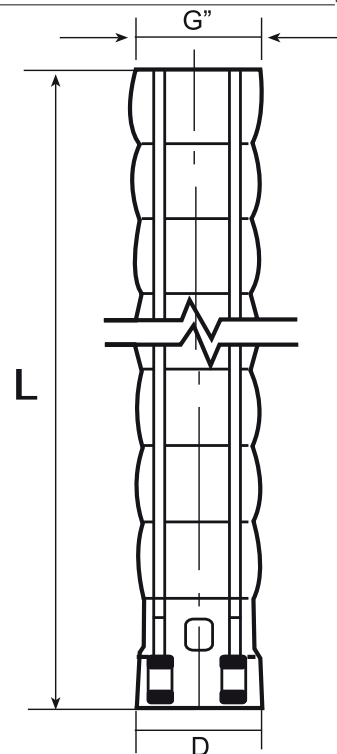
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	6	10	13	16	20	22	26	30	33
	HP	KW	Lit/min	399	600	799	999	1200	1359	1599	1800	2000
			CBM/h	23	36	47	59	72	81	95	108	120
SSIM 6-877/1	10	7,5		28	25	23	21	19	18	16	14	9
SSIM 6-877/2	17,5	13		56	50	47	42	39	36	33	28	19
SSIM 6-877/3	25	18,5		84	75	71	63	58	54	50	42	29
SSIM 6-877/4	35	26		112	100	95	84	78	72	67	56	39
SSIM 877/5	40	30		140	126	119	105	98	91	84	70	49
SSIM 877/6	50	37		168	151	142	126	117	109	100	84	58
SSIM 877/7	60	45		196	176	166	147	137	127	117	98	68
SSIM 877/8	75	55		224	201	190	168	156	145	134	112	78
SSIM 877/9	75	55		252	226	214	189	176	163	151	126	88
SSIM 877/10	100	75		280	252	238	210	196	182	168	140	98
SSIM 877/11	100	75		308	277	261	231	215	200	184	154	107
SSIM 877/12	100	75		336	302	285	252	235	218	201	168	117
SSIM 877/13	100	75		364	327	309	273	254	236	218	182	127
SSIM 877/14	125	92		392	352	333	294	274	254	235	196	137
SSIM 877/15	125	92		420	378	357	315	294	273	252	210	147
SSIM 877/16	150	110		448	403	380	336	313	291	268	224	156

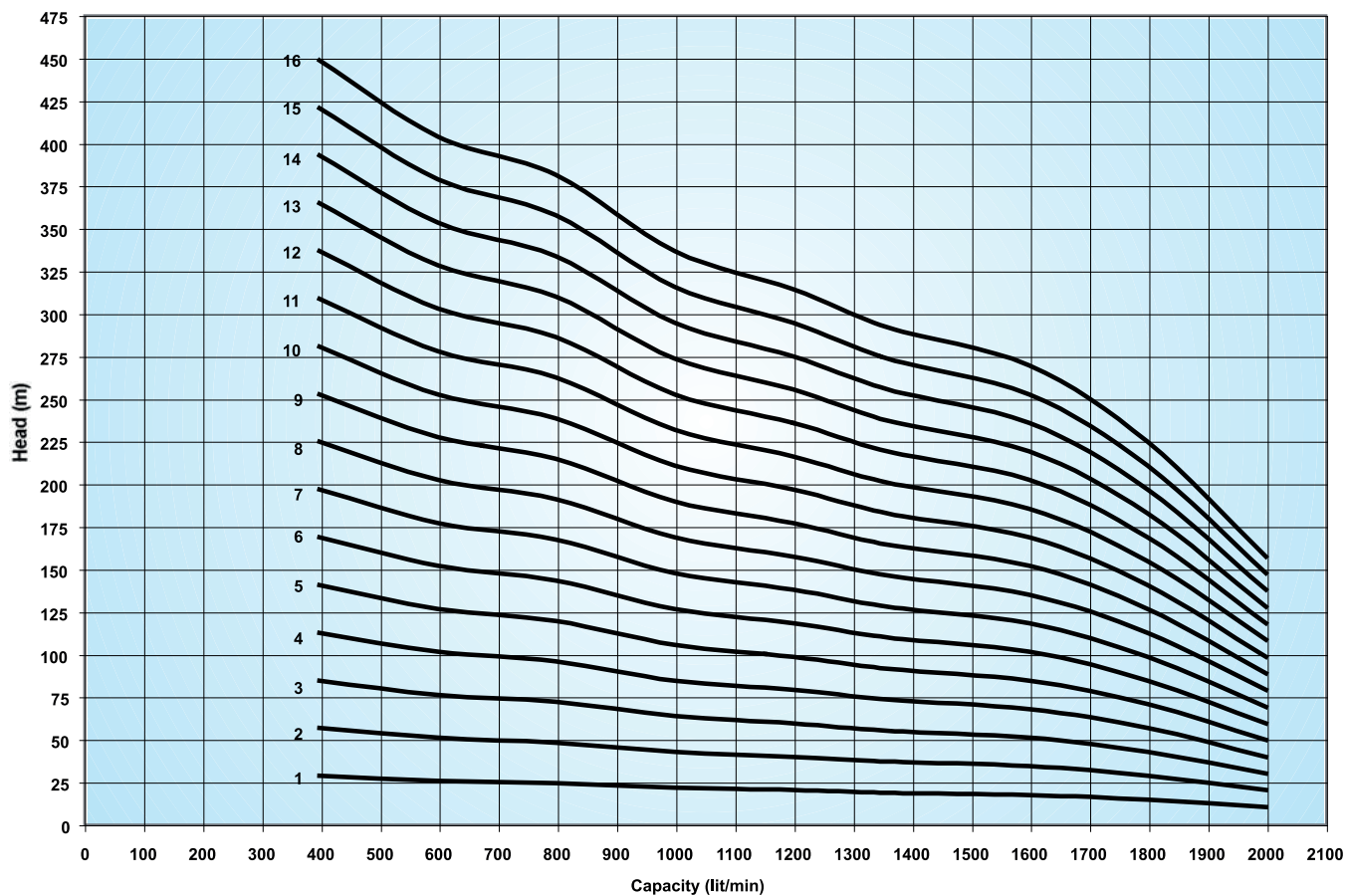
Advised application field

PUMP MODEL	D	L	G"
SSIM 6-877/1	186	618	5
SSIM 6-877/2	186	746	5
SSIM 6-877/3	186	874	5
SSIM 6-877/4	186	1002	5
SSIM 877/5	186	1130	5
SSIM 877/6	186	1258	5
SSIM 877/7	186	1386	5
SSIM 877/8	186	1514	5
SSIM 877/9	186	1642	5
SSIM 877/10	186	1770	5
SSIM 877/11	186	1898	5
SSIM 877/12	186	2026	5
SSIM 877/13	186	2154	5
SSIM 877/14	186	2282	5
SSIM 877/15	186	2410	5
SSIM 877/16	186	2538	5

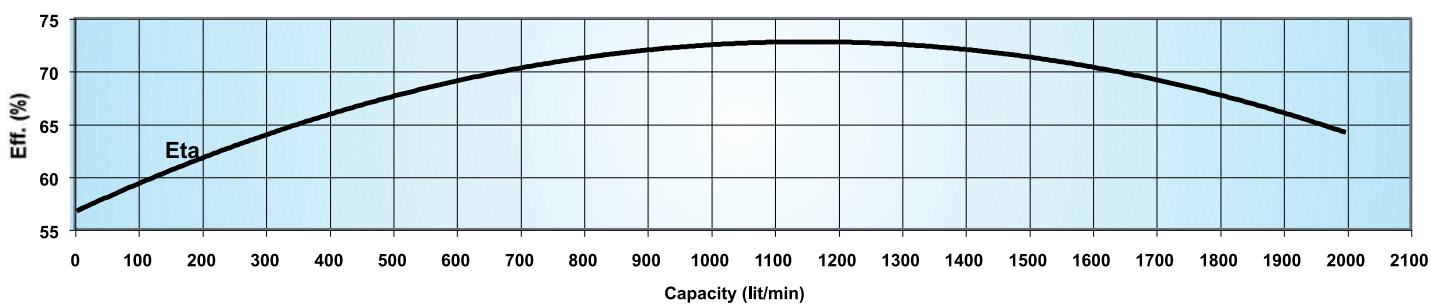


* 4" available too!

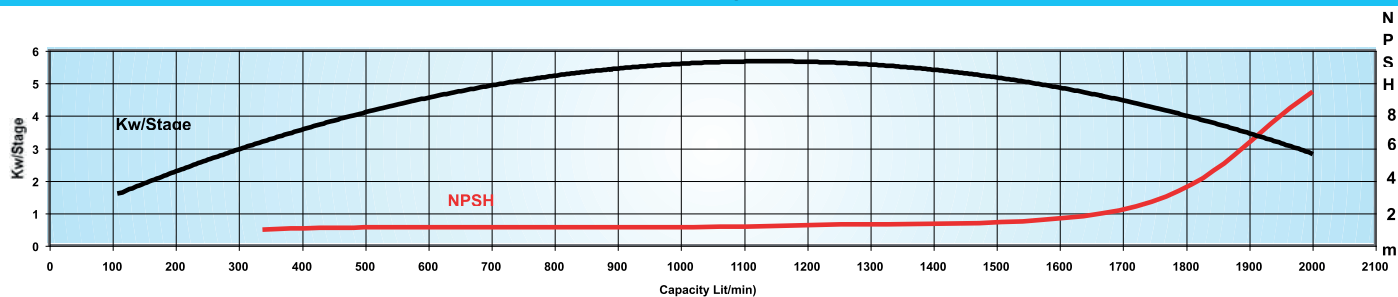
Performance Curve SSIM 877 Serie 60 Hz



Efficiency curve SSIM 877 serie 60 Hz



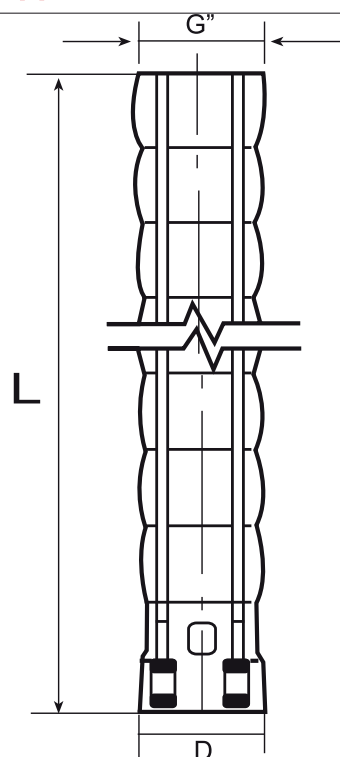
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	6,66	10	13,3	16,6	20	23,3	26,6	30	33,3	36,6	40,6
			Lit/min	399	600	800	999	1200	1400	1599	1800	2000	2199	2439
			CBM/h	23	36	48	59	72	84	95	108	120	131	146
			HP											
			KW											
SSIM 6-895/1	10	7,5		29	28	25	24	21	20	18	17	15	13	8
SSIM 6-895/2	20	15		59	56	50	48	42	39	36	34	31	25	17
SSIM 6-895/3	30	22		88	84	76	71	63	59	55	50	46	38	25
SSIM 895/4	40	30		118	112	101	95	84	78	73	67	62	50	34
SSIM 895/5	50	37		147	140	126	119	105	98	91	84	77	63	42
SSIM 895/6	60	45		176	168	151	143	126	118	109	101	92	76	50
SSIM 895/7	75	55		206	196	176	167	147	137	127	118	108	88	59
SSIM 895/8	100	75		235	224	202	190	168	157	146	134	123	101	67
SSIM 895/9	100	75		265	252	227	214	189	176	164	151	139	113	76
SSIM 895/10	100	75		294	280	252	238	210	196	182	168	154	126	84
SSIM 895/11	125	90		323	308	277	262	231	216	200	185	169	139	92
SSIM 895/12	125	90		353	336	302	286	252	235	218	202	185	151	101
SSIM 895/13	125	90		382	364	328	309	273	255	237	218	200	164	109
SSIM 895/14	150	110		412	392	353	333	294	274	255	235	216	176	118

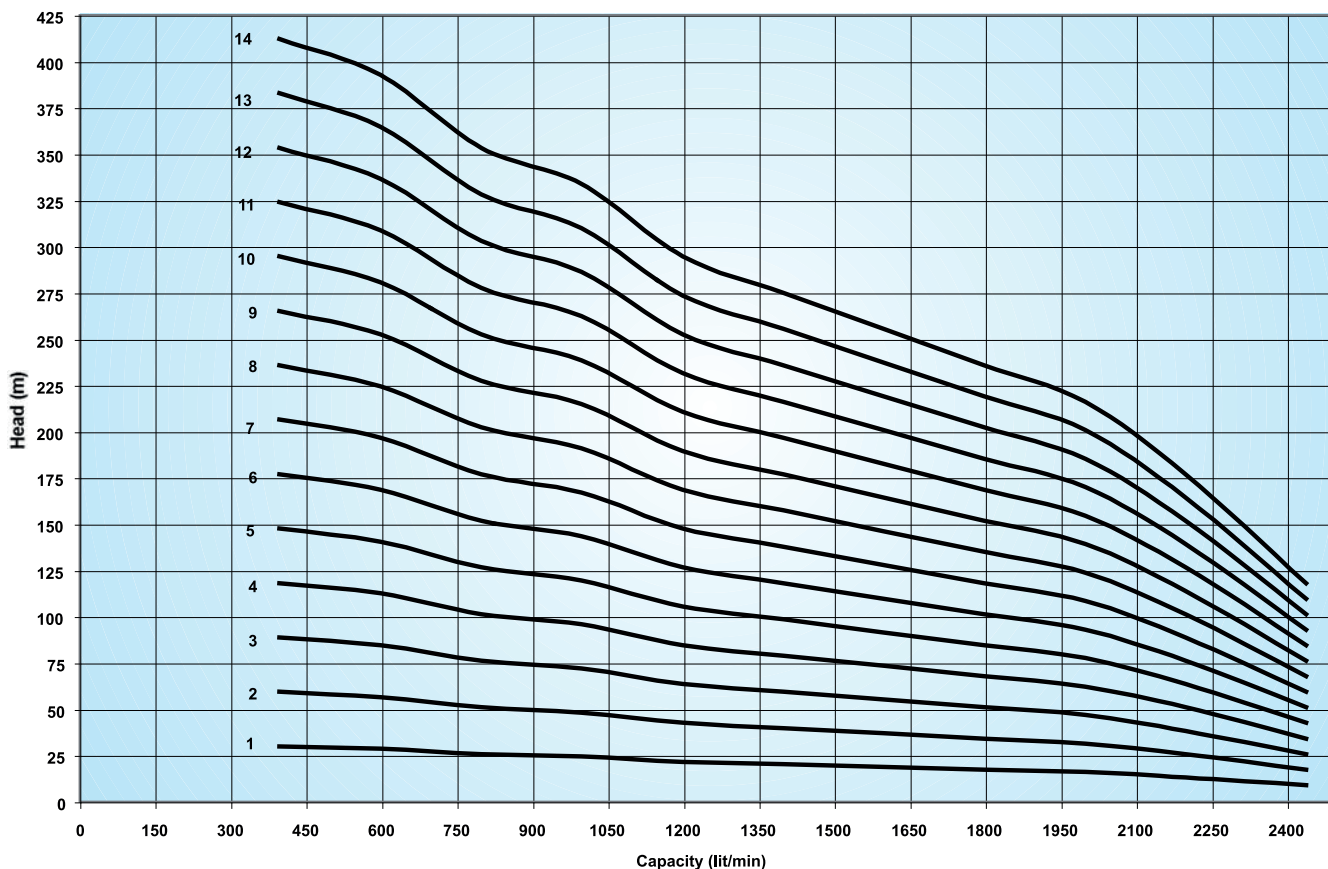
Advised application field

PUMP MODEL	D	L	G"
SSIM 6-895/1	186	618	5
SSIM 6-895/2	186	746	5
SSIM 6-895/3	186	874	5
SSIM 895/4	186	1002	5
SSIM 895/5	186	1130	5
SSIM 895/6	186	1258	5
SSIM 895/7	186	1386	5
SSIM 895/8	186	1514	5
SSIM 895/9	186	1642	5
SSIM 895/10	186	1770	5
SSIM 895/11	186	1898	5
SSIM 895/12	186	2026	5
SSIM 895/13	186	2154	5
SSIM 895/14	186	2282	5

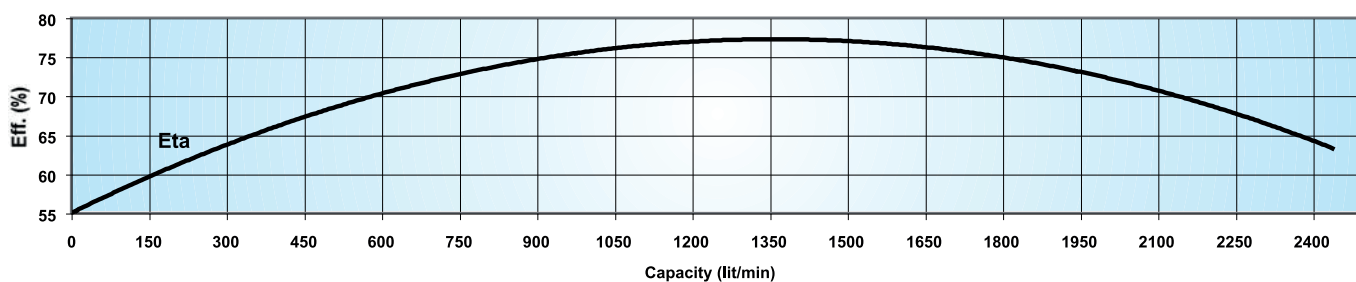


* 4" available too!

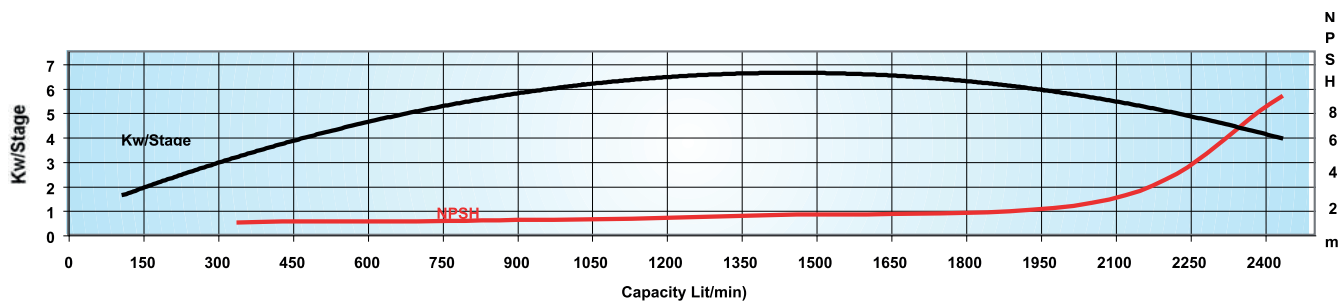
Performance Curve SSIM 895 Serie - 60 Hz



Efficiency curve SSIM 895 serie 60 Hz



NPSH + Kw/stage curves



CARATTERISTICHE

Characteristics Caractéristiques Características

VERSIONE "N" IN AISI 316 INTEGRALE / "N" VERSION FULL AISI 316 STAINLESS-STEEL

Limite d'impiego e applicazioni

Pompa sommersa interamente costruita in acciaio inox resistente alla corrosione.
La pompa è direttamente accoppiata al motore a mezzo giunto.
1 - L'albero esagonale permette di ridurre al minimo le vibrazioni provocate dalla rotazione delle giranti.
2 - Per una maggior durata della pompa ogni diffusore è dotato di una boccola in gomma smontabile a cui corrisponde sull'albero una boccola in metallo cromato
3 - La pompa è provvista di un'ampia boccola di guida in gomma e di una boccola in metallo cromato sull'albero. I supporti di guida sono lubrificati ad acqua.
4 - Liquidi pompati: acqua pulita
5 - Portata Q: 0-74 m³/h
Quantità max di corpi solidi 50g/m³
6 - Tolleranza delle curve secondo norme ISO 2548 classe B

Impieghi:

- impianti d'irrigazione
- impianti industriali
- usi civili
- impianti pressurizzati

Bocca di mandata Valvola di non ritorno Diffusori Giranti	Acciaio inox AISI 304
Distanziali Supporto d'aspirazione Filtro Copricavo Giunto Viteria	Acciaio inox AISI 316 Acciaio inox AISI 304
Albero	Acciaio inox AISI 420 B/304
Reggispinta superiore	Resina fenolica/teflon
Anelli di usura girante e boccole di guida	Gomma

Operating and application limits

Stainless steel submersible pump direct coupled to the motor with joint. Corrosion resistant and antirust pump entirely constructed in stainless steel.
1 - The exagonal shaft reduces the vibrations caused by impeller rotation.
2 - Each diffuser is provided with replaceable rubber bush and with a chromium-coated shaft sleeve for pump long life.
3 - Water lubricated head rubber bush with chromium-coated sleeve for an excellent resistance to abrasion.
4 - Pumped liquids: clean water
5 - Delivery: 0-74 m³/h
Max solid quantity allowed: 50g/m³
6 - Curves tolerance according to ISO standards 2548 class B

Applications:

- irrigation system
- industrial uses
- home applications
- pressure system

Outlet Check valve	Stainless steel AISI 304
Diffusers Impellers	Stainless steel AISI 316
Suction chamber Strainer Cable sheath Joint Bolts and nuts	Stainless steel AISI 304
Shaft	Stainless steel AISI 420 B/304
Upper thrust bearing	Phenolic resin/teflon
Impeller wear rings and Guide bushes	Rubber

Limites d'emploi et application

Pompe immergée résistante à la corrosion, entièrement construite en acier inox.
La pompe est directement connectée au moteur par un joint.
1 - L'arbre hexagonal réduit au minimum les vibrations provoquées par la rotation des roues
2 - Afin d'assurer une longue durée de la pompe, chaque diffuseur est équipé avec une douille démontable en caoutchouc qui coïncide avec un manchon chromé situé sur l'arbre.
3 - La pompe possède une bague de guide en caoutchouc et un manchon chromé situé sur l'arbre.
Le système de support est lubrifié par l'eau.
4 - Liquides pompés: eau pure.
5 - Débit Q: 0-74 m³/h
Quantité max de corps solides dans l'eau 50 mg/m³.
6 - Tolérance des courbes selon norme ISO 2548 classe B.

Utilisations:

- systèmes d'irrigation
- applications civiles et industrielles
- systèmes de pression

Corps de refoulement Soupape de retenue Chemise extérieure Diffuseurs Roues	Acier inox AISI 304
Anneau entretoise Support d'aspiration Filtre Protection du câble Joint Vis et boulons	Acier inox AISI 316 Acier inox AISI 304
Arbre	Acier inox AISI 420 B/304
Butée d'embrayage supérieure	Résine phénolique/teflon
Anneau d'usure des roues et des douilles	Caoutchouc

Limite de empleo y aplicación

Bomba sumergida totalmente fabricada en acero inox resistente a la corrosión. La bomba está directamente acoplada al motor por medio de una junta.
1 - El eje hexagonal permite reducir al mínimo las vibraciones originadas por la rotación de los impulsores.
2 - Para una mayor duración de la bomba cada difusor está provisto con un buje de goma desmontable al cual le corresponde en el eje un buje de metal cromado.
3 - La bomba está provista con un amplio buje-guía de goma y con un buje de metal cromado en el eje. Los soportes de guía están lubricados con agua.
4 - Líquidos bombeados: agua limpia
5 - Caudal 0-74 m³/h
Cantidad máx de cuerpos sólidos 50g/m³
6 - Tolerancia de las curvas según las normas ISO 2548 clase B

Empleos:

- instalaciones para irrigación
- instalaciones industriales
- usos civiles
- instalaciones presurizadas

Boca de impulsión Válvula sin retroceso Difusores Impulsores Espaciadores	Acero inox AISI 304
Soporte de aspiración Filtro Cubrecable Junta Tornillería	Acero inox AISI 316 Acero inox AISI 304
Eje	AISI 420 B/304
Cojinete de tope superior	Resina fenolica/teflon
Anillos de desgaste impulsor y bujes-guía	Goma

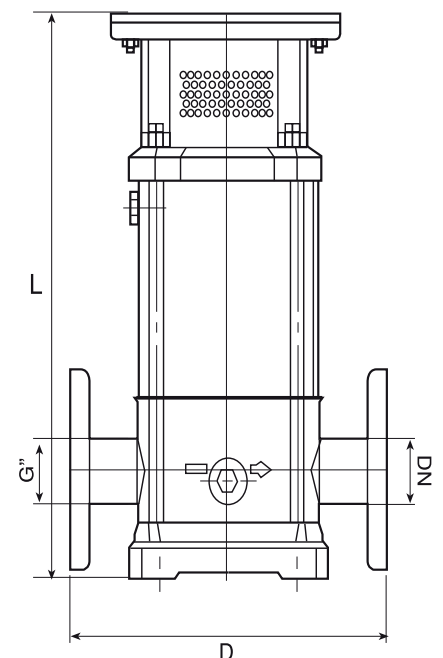
40-13/40-40/50-14/50-24



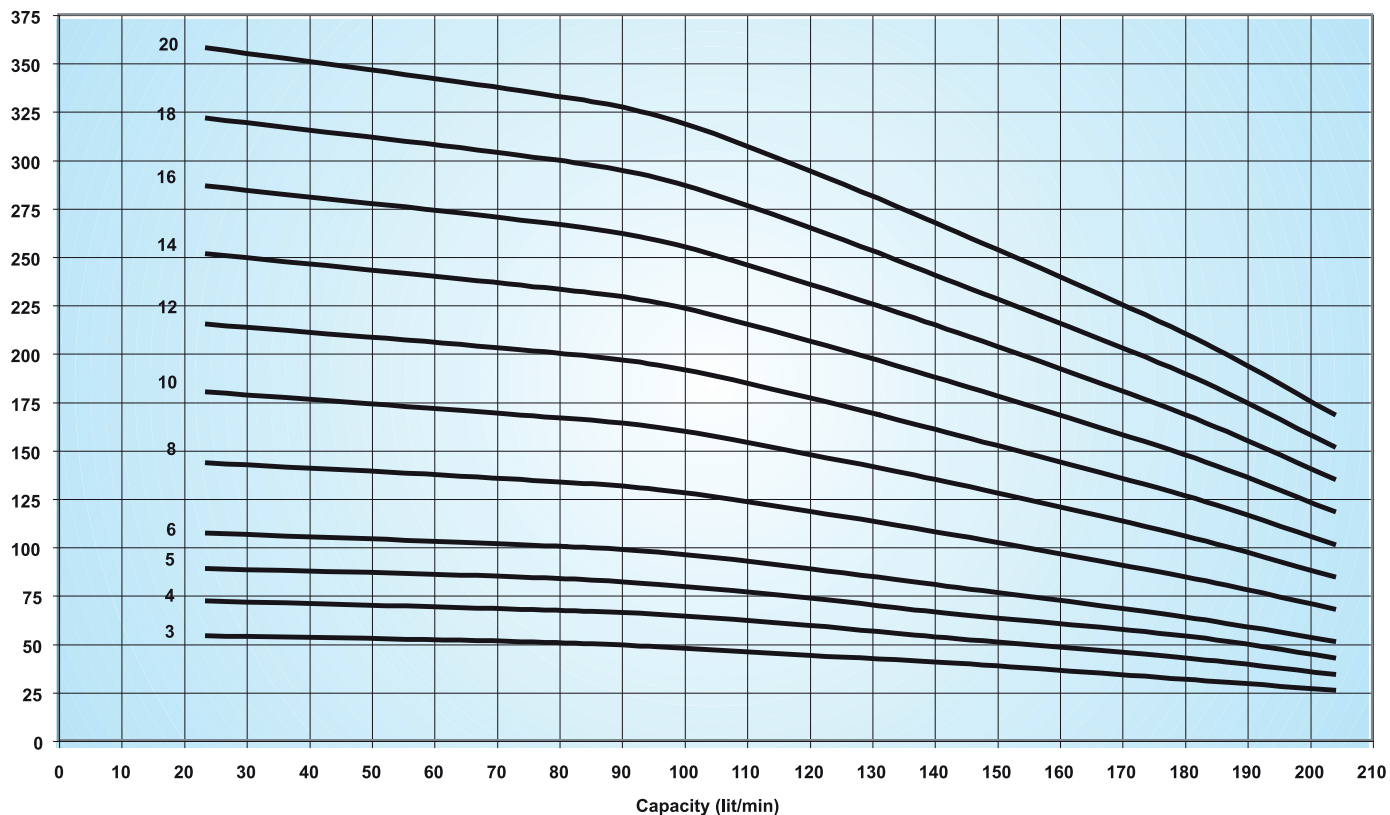
PUMP MODEL	POWER		Lit/sec	Lit/min	CBM/h							
	HP	KW										
SSIM 40-13/3	2	1,5	0,40	24	1,44	0,40	1,20	1,60	2,00	2,00	3,00	3,40
SSIM 40-13/4	3	2,2				53	50	48	43	39	31	25
SSIM 40-13/5	4	3				71	67	64	59	52	42	34
SSIM 40-13/6	4	3				88	84	80	73	64	53	42
SSIM 40-13/8	5,5	4				106	101	97	88	78	63	50
SSIM 40-13/10	7,5	5,50				143	134	129	118	105	84	67
SSIM 40-13/12	10	7,50				179	168	161	147	132	105	84
SSIM 40-13/14	10	7,50				214	202	193	176	157	126	101
SSIM 40-13/16	12,5	9,20				251	235	225	206	183	147	118
SSIM 40-13/18	15	11				286	269	258	235	210	168	134
SSIM 40-13/20	15	11				321	302	290	265	235	189	151
						357	336	322	294	262	210	168

Advised application field

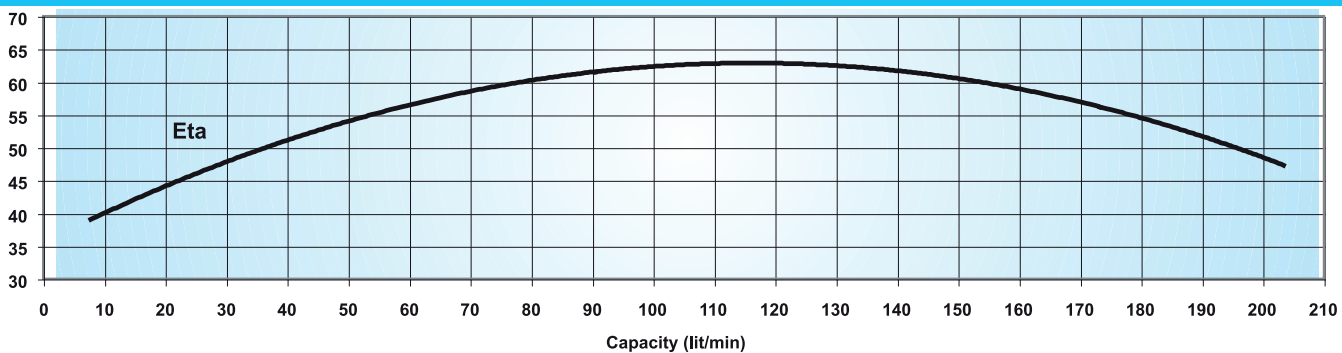
PUMP MODEL	D	L	G"	DN
SSIM 40-13/3	295	421	1"1/2	40
SSIM 40-13/4	295	459	1"1/2	40
SSIM 40-13/5	295	497	1"1/2	40
SSIM 40-13/6	295	535	1"1/2	40
SSIM 40-13/8	295	611	1"1/2	40
SSIM 40-13/10	295	687	1"1/2	40
SSIM 40-13/12	295	763	1"1/2	40
SSIM 40-13/14	295	839	1"1/2	40
SSIM 40-13/16	295	917	1"1/2	40
SSIM 40-13/18	295	993	1"1/2	40
SSIM 40-13/20	295	1069	1"1/2	40



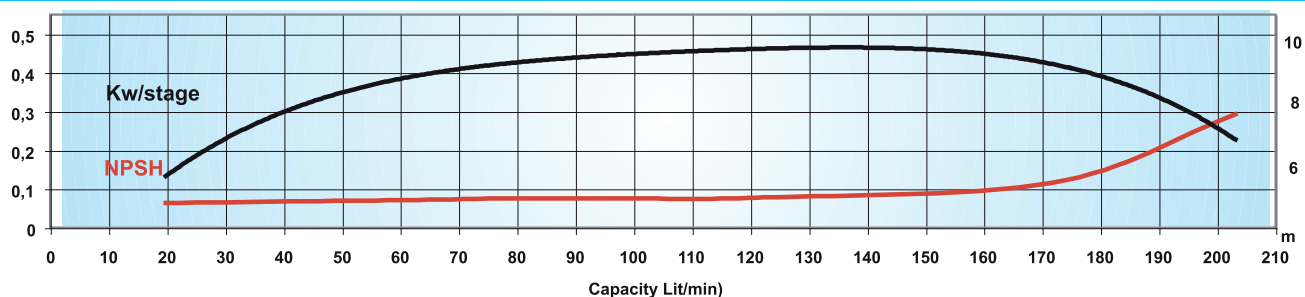
Performance curve SSIM 40-13 SERIE 60 Hz



Efficiency curve SSIM 40-13 serie 60 Hz



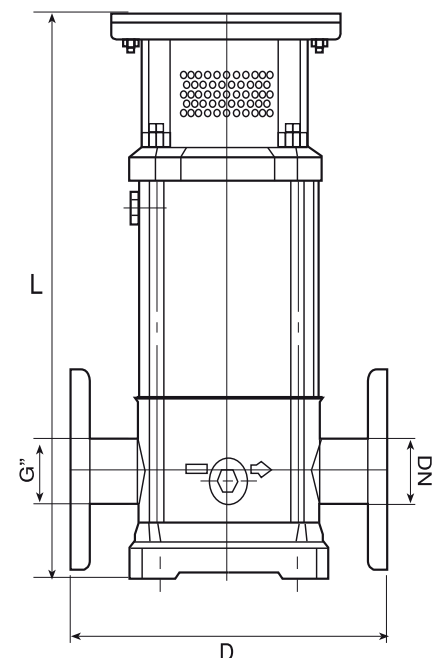
NPSH + Kw/stage curves



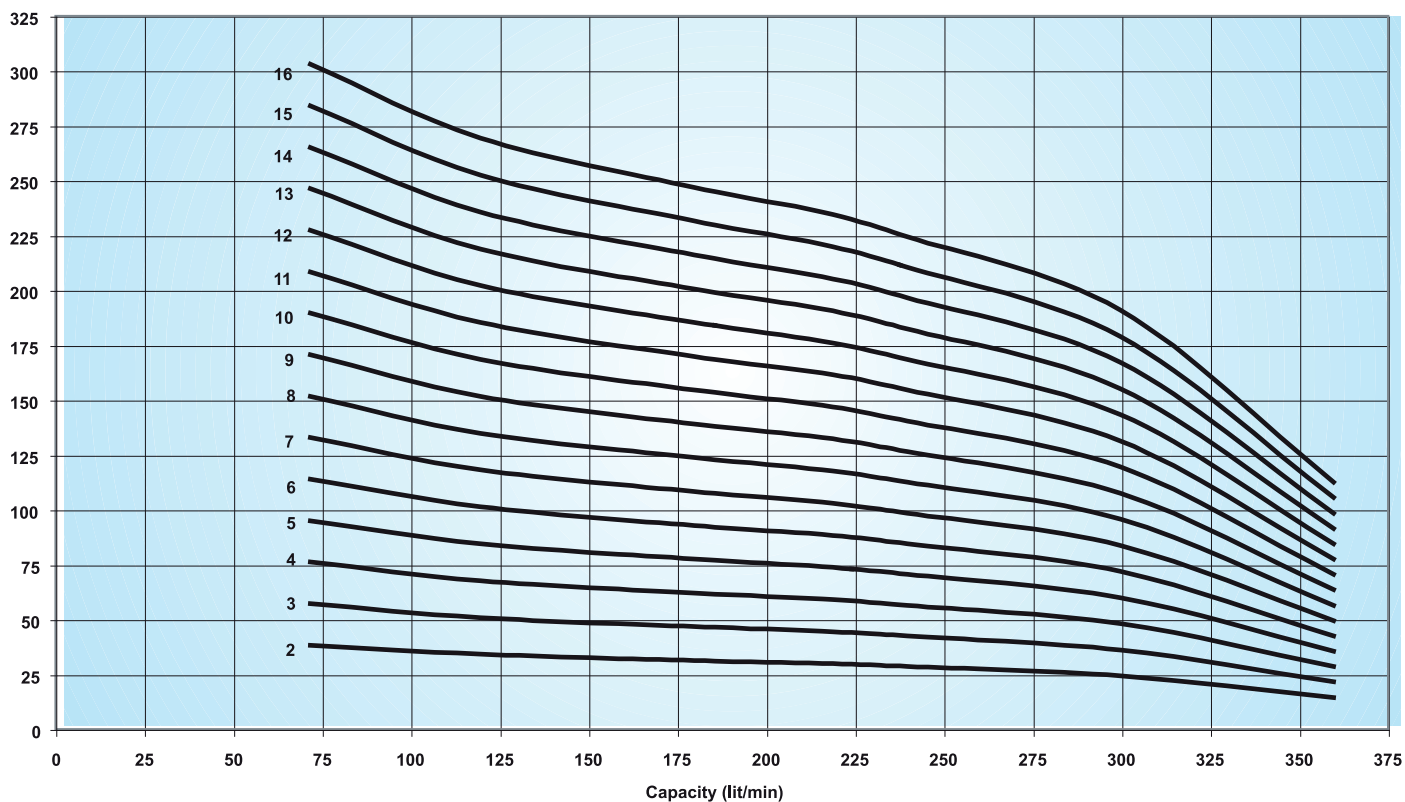
PUMP MODEL	POWER		Lit/sec	Lit/min	CBM/h	1,2	2	3	3,6	4	5	6
						4,32	7,2	10,8	12,96	14,4	18	21,6
	HP	KW										
SSIM 40-40/2	3	2,2	38	34	31	29	28	24	14			
SSIM 40-40/3	4	3	57	50	46	44	42	36	21			
SSIM 40-40/4	5,5	4	76	67	62	59	56	48	28			
SSIM 40-40/5	5,5	4	95	84	77	74	70	60	35			
SSIM 40-40/6	7,5	5,5	113	101	92	88	84	71	42			
SSIM 40-40/7	10	7,5	132	118	108	103	98	83	49			
SSIM 40-40/8	12,5	9,2	151	134	123	118	112	95	56			
SSIM 40-40/9	15	11	170	151	139	132	126	107	63			
SSIM 40-40/10	15	11	189	168	154	147	140	119	70			
SSIM 40-40/11	15	11	208	185	169	162	154	131	77			
SSIM 40-40/12	20	15	227	202	185	176	168	143	84			
SSIM 40-40/13	20	15	246	218	200	191	182	155	91			
SSIM 40-40/14	20	15	265	235	216	206	196	167	98			
SSIM 40-40/15	25	18,5	284	252	231	221	210	179	105			
SSIM 40-40/16	25	18,5	302	269	246	235	224	190	112			

Advised application field

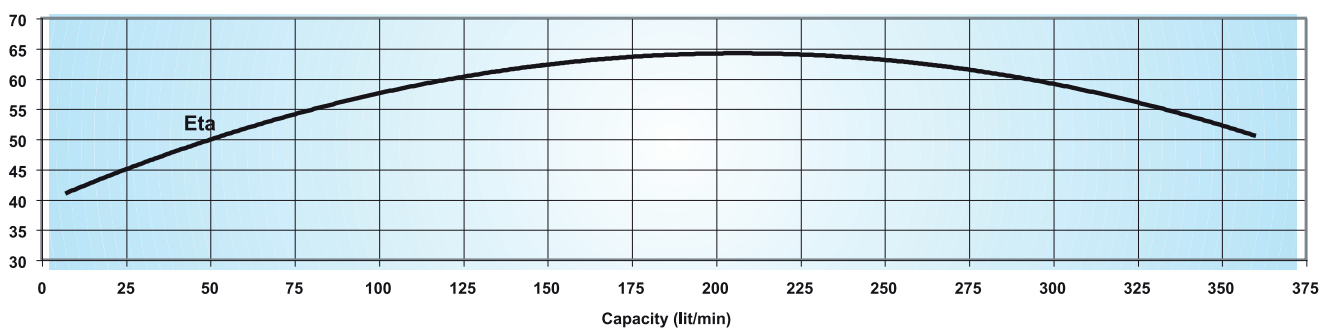
PUMP MODEL	D	L	G"	DN
SSIM 40-40/2	295	395	1"1/2	40
SSIM 40-40/3	295	433	1"1/2	40
SSIM 40-40/4	295	471	1"1/2	40
SSIM 40-40/5	295	509	1"1/2	40
SSIM 40-40/6	295	547	1"1/2	40
SSIM 40-40/7	295	585	1"1/2	40
SSIM 40-40/8	295	623	1"1/2	40
SSIM 40-40/9	295	661	1"1/2	40
SSIM 40-40/10	295	699	1"1/2	40
SSIM 40-40/11	295	737	1"1/2	40
SSIM 40-40/12	295	775	1"1/2	40
SSIM 40-40/13	295	813	1"1/2	40
SSIM 40-40/14	295	851	1"1/2	40
SSIM 40-40/15	295	889	1"1/2	40
SSIM 40-40/16	295	927	1"1/2	40



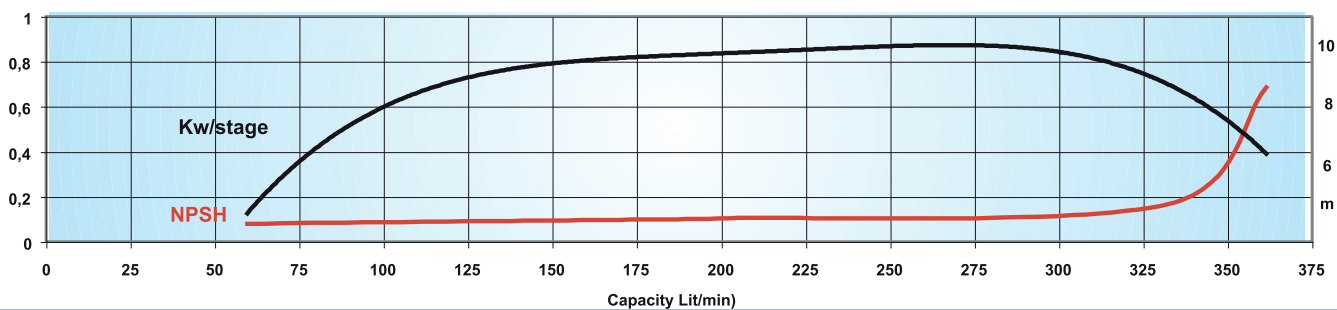
Performance Curves SSIM 40-40 Serie 60 Hz



Efficiency curve SSIM 40-40 serie 60 Hz



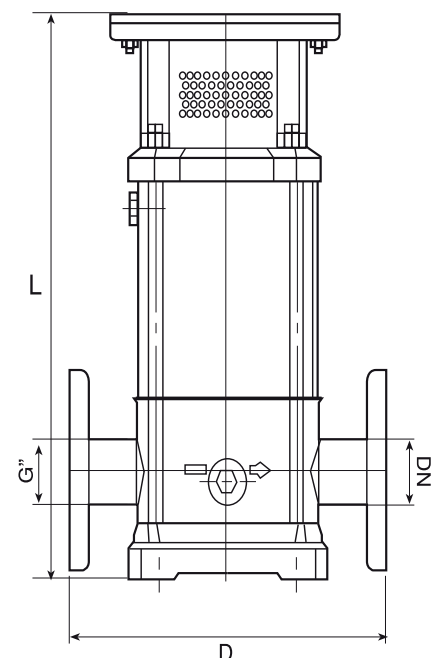
NPSH + Kw/stage curves



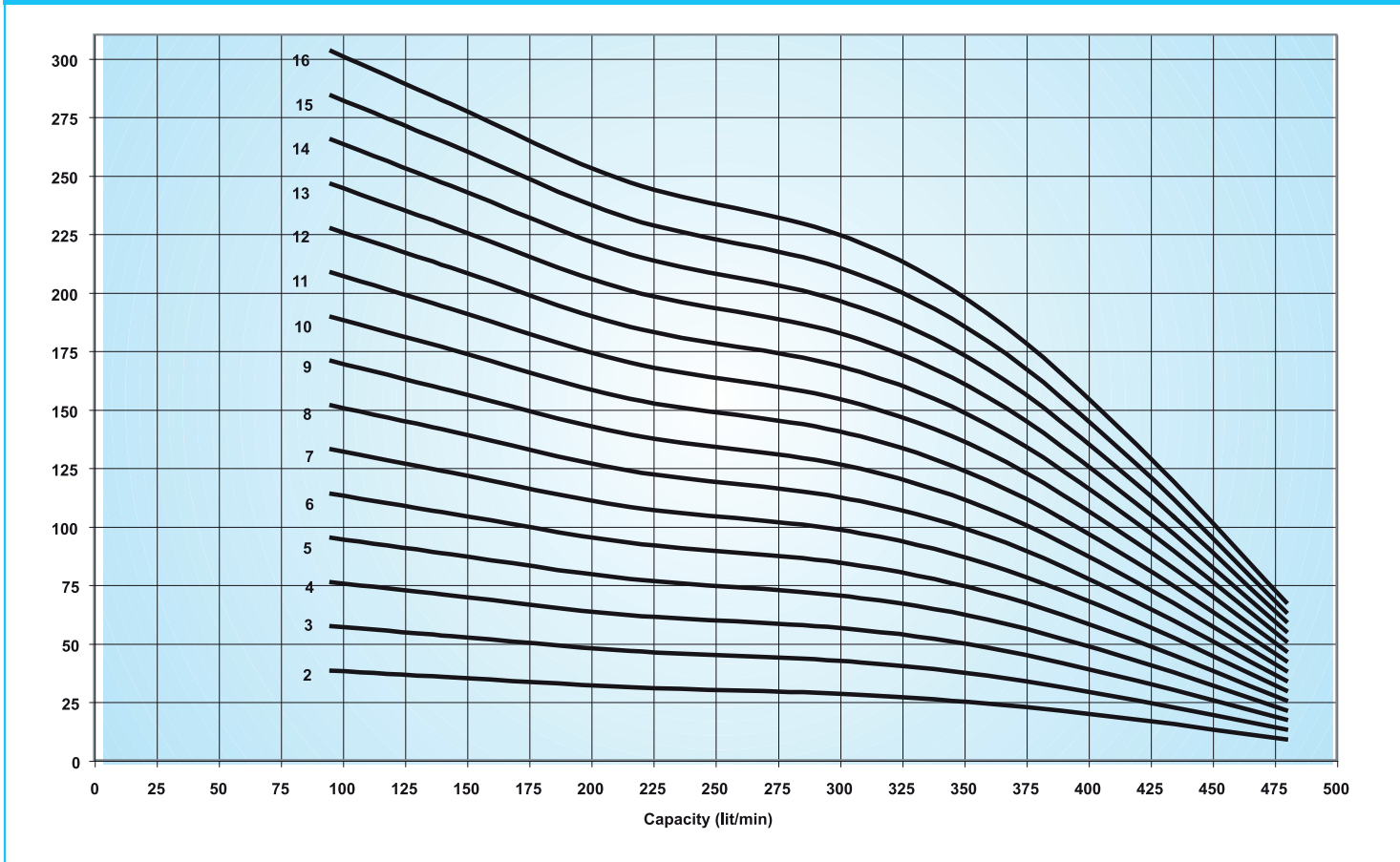
PUMP MODEL	POWER		Lit/sec	1,6	2,4	3,6	5	6	7	8
	HP	KW	Lit/min	96	144	216	300	360	420	480
			CBM/h	5,76	8,64	12,96	18	21,6	25,2	28,8
SSIM 50-14/2	3	2,2		38	35	31	28	24	17	8
SSIM 50-14/3	5,5	4		57	53	46	42	36	25	13
SSIM 50-14/4	7,5	5,5		76	70	62	56	48	34	17
SSIM 50-14/5	10	7,5		95	88	77	70	60	42	21
SSIM 50-14/6	10	7,5		113	105	92	84	71	50	25
SSIM 50/14	12,5	9,2		132	123	108	98	83	59	29
SSIM 50/14/8	15	11		151	140	123	112	95	67	34
SSIM 50/14/9	15	11		170	158	139	126	107	76	38
SSIM 50/14/10	20	15		189	175	154	140	119	84	42
SSIM 50/14/11	20	15		208	193	169	154	131	92	46
SSIM 50/14/12	25	18,5		227	210	185	168	143	101	50
SSIM 50/14/13	25	18,5		246	228	200	182	155	109	55
SSIM 50/14/14	25	18,5		265	245	216	196	167	118	59
SSIM 50/14/15	30	22		284	263	231	210	179	126	63
SSIM 50/14/16	30	22		302	280	246	224	190	134	67

Advised application field

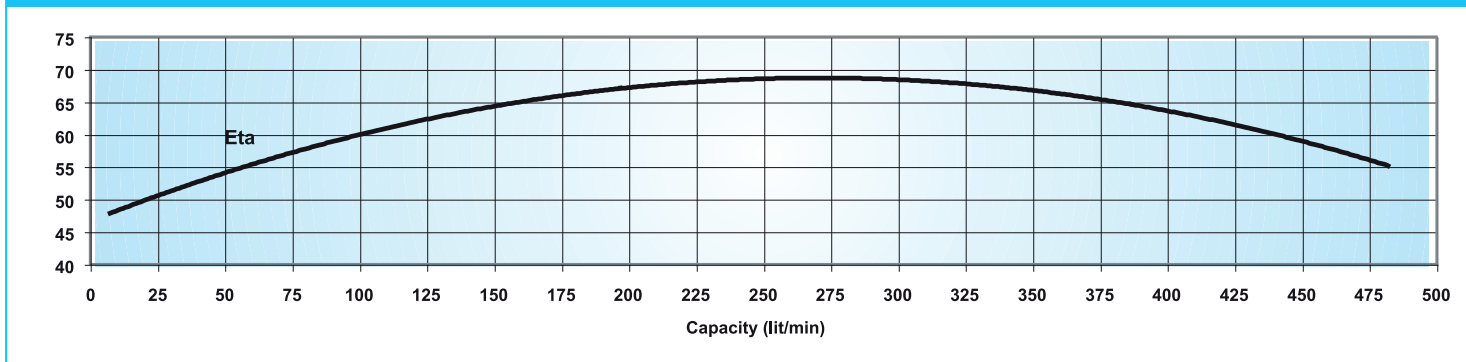
PUMP MODEL	D	L	G"	DN
SSIM 50-14/2	295	400	2"	50
SSIM 50-14/3	295	438	2"	50
SSIM 50-14/4	295	476	2"	50
SSIM 50-14/5	295	514	2"	50
SSIM 50-14/6	295	552	2"	50
SSIM 50/14	295	590	2"	50
SSIM 50/14/8	295	628	2"	50
SSIM 50/14/9	295	666	2"	50
SSIM 50/14/10	295	704	2"	50
SSIM 50/14/11	295	742	2"	50
SSIM 50/14/12	295	780	2"	50
SSIM 50/14/13	295	818	2"	50
SSIM 50/14/14	295	856	2"	50
SSIM 50/14/15	295	894	2"	50
SSIM 50/14/16	295	932	2"	50



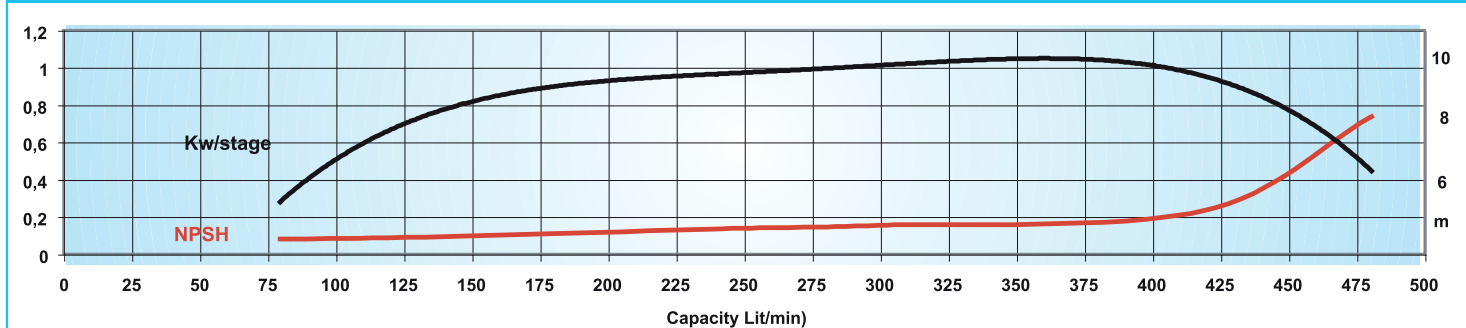
Performance Curve SSIM 50-14 Serie 60 Hz



Efficiency curve SSIM 50-14 serie 60 Hz



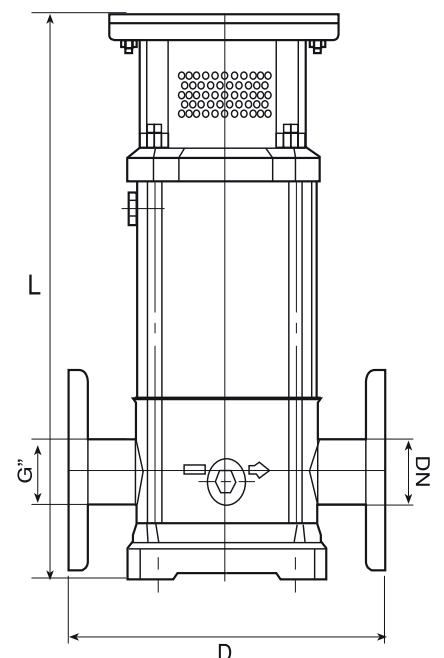
NPSH + Kw/stage curves



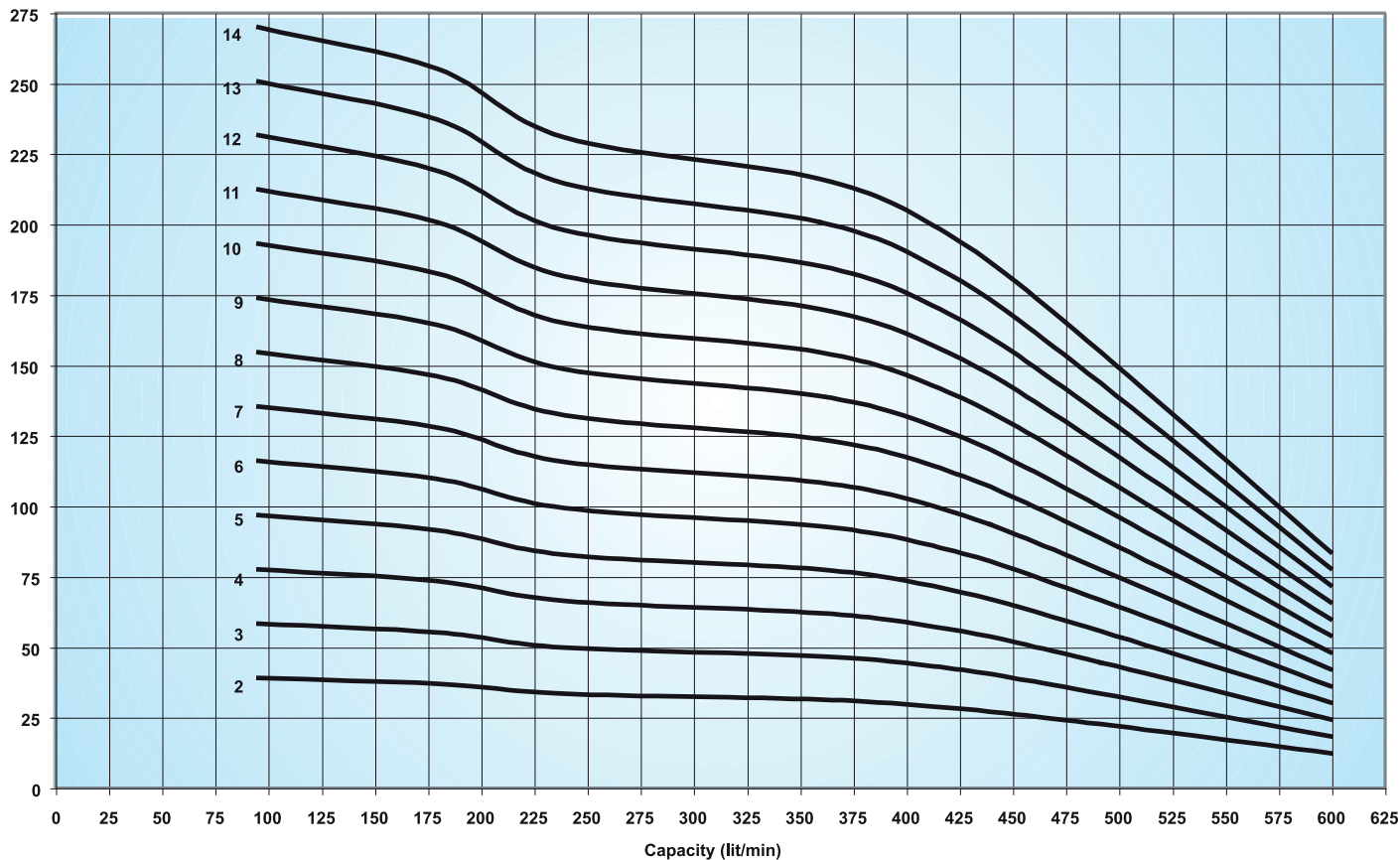
PUMP MODEL	POWER		Lit/sec	1,6	3	4	6	7	8	10
	HP	KW	Lit/min	96	180	240	360	420	480	600
			CBM/h	5,76	10,8	14,4	21,6	25,2	28,8	36
SSIM 50-24/2	5,5	4		39	36	33	31	28	23	12
SSIM 50-24/3	7,5	5,5		58	55	49	46	42	35	18
SSIM 50-24/4	10	5,5		77	73	66	62	56	46	24
SSIM 50-24/5	12,5	9,2		96	91	82	77	70	58	30
SSIM 50-24/6	15	11		116	109	99	92	84	69	36
SSIM 50/24/7	15	11		135	127	115	108	98	81	42
SSIM 50/24/8	20	15		154	146	132	123	112	92	48
SSIM 50/24/9	20	15		173	164	148	139	126	104	54
SSIM 50/24/10	25	18,5		193	182	165	154	140	116	60
SSIM 50/24/11	25	18,5		212	200	181	169	154	127	65
SSIM 50/24/12	30	22		231	218	197	185	168	139	71
SSIM 50/24/13	30	22		250	237	214	200	182	150	77
SSIM 50/24/14	35	26		270	255	230	216	196	162	83

Advised application field

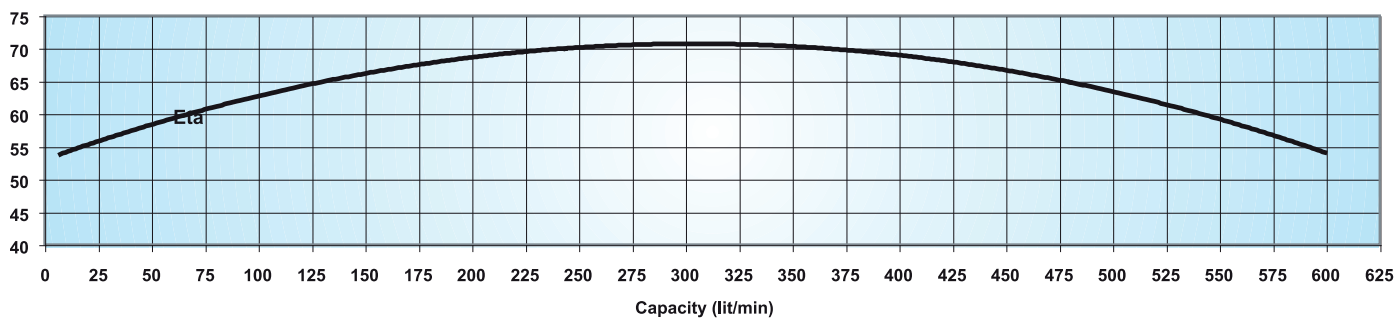
PUMP MODEL	D	L	G"	DN
SSIM 50-24/2	295	411	2"	50
SSIM 50-24/3	295	453	2"	50
SSIM 50-24/4	295	495	2"	50
SSIM 50-24/5	295	537	2"	50
SSIM 50-24/6	295	579	2"	50
SSIM 50/24/7	295	621	2"	50
SSIM 50/24/8	295	663	2"	50
SSIM 50/24/9	295	705	2"	50
SSIM 50/24/10	295	747	2"	50
SSIM 50/24/11	295	789	2"	50
SSIM 50/24/12	295	831	2"	50
SSIM 50/24/13	295	873	2"	50
SSIM 50/24/14	295	915	2"	50



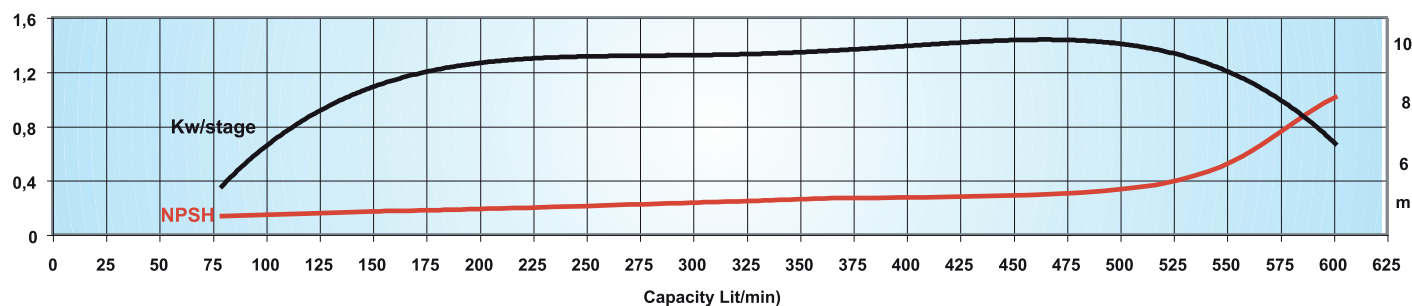
Performance Curves SSIM 50-24 Serie 60 Hz



Efficiency curve SSIM 50-24 serie 60 Hz



NPSH + Kw/stage curves



CARATTERISTICHE

Characteristics Caractéristiques Características

VERSIONE "N" IN AISI 316 INTEGRALE / "N" VERSION FULL AISI 316 STAINLESS-STEEL

Limite d'impiego e applicazioni

Pompa sommersa interamente costruita in acciaio inox resistente alla corrosione.
La pompa è direttamente accoppiata al motore a mezzo giunto.

- 1 - L'albero esagonale permette di ridurre al minimo le vibrazioni provocate dalla rotazione delle giranti.
- 2 - Per una maggior durata della pompa ogni diffusore è dotato di una boccola in gomma smontabile a cui corrisponde sull'albero una boccola in metallo cromato
- 3 - La pompa è provvista di un'ampia boccola di guida in gomma e di una boccola in metallo cromato sull'albero. I supporti di guida sono lubrificati ad acqua.
- 4 - Liquidi pompati: acqua pulita
- 5 - Portata Q:
Quantità max di corpi solidi 50g/m³
- 6 - Tolleranza delle curve secondo norme ISO 2548 classe B

Impieghi:

- impianti d'irrigazione
- impianti industriali
- usi civili
- impianti pressurizzati

Bocca di mandata Valvola di non ritorno Diffusori Giranti	Acciaio inox AISI 304
Distanziali Supporto d'aspirazione Filtro Copricavo Giunto Viteria	Acciaio inox AISI 316 Acciaio inox AISI 304
Albero	Acciaio inox AISI 420 B/304
Reggispinta superiore	Resina fenolica/teflon
Anelli di usura girante e boccole di guida	Gomma

Operating and application limits

Stainless steel submersible pump direct coupled to the motor with joint. Corrosion resistant and antirust pump entirely constructed in stainless steel.

- 1 - The exagonal shaft reduces the vibrations caused by impeller rotation.
- 2 - Each diffuser is provided with replaceable rubber bush and with a chromium-coated shaft sleeve for pump long life.
- 3 - Water lubricated head rubber bush with chromium-coated sleeve for an excellent resistance to abrasion.
- 4 - Pumped liquids: clean water
- 5 - Delivery:
Max solid quantity allowed: 50g/m³
- 6 - Curves tolerance according to ISO standards 2548 class B

Applications:

- irrigation system
- industrial uses
- home applications
- pressure system

Outlet Check valve	Stainless steel AISI 304
Diffusers Impellers Sleeves	Stainless steel AISI 316
Suction chamber Strainer Cable sheath Joint Bolts and nuts	Stainless steel AISI 304
Shaft	Stainless steel AISI 420 B/304
Upper thrust bearing	Phenolic resin/teflon
Impeller wear rings and Guide bushes	Rubber

Limites d'emploi et application

Pompe immergée résistante à la corrosion, entièrement construite en acier inox.
La pompe est directement connectée au moteur par un joint.

- 1 - L'arbre hexagonal réduit au minimum les vibrations provoquées par la rotation des roues
- 2 - Afin d'assurer une longue durée de la pompe, chaque diffuseur est équipé avec une douille démontable en caoutchouc qui coïncide avec un manchon chromé situé sur l'arbre.
- 3 - La pompe possède une bague de guide en caoutchouc et un manchon chromé situé sur l'arbre. Le système de support est lubrifié par l'eau.
- 4 - Liquides pompés: eau pure.
- 5 - Débit Q:
Quantité max de corps solides dans l'eau 50 mg/m³.
- 6 - Tolérance des courbes selon norme ISO 2548 classe B.

Utilisations:

- systèmes d'irrigation
- applications civiles et industrielles
- systèmes de pression

Corps de refoulement Soupape de retenue Chemise extérieure Diffuseurs Roues	Acier inox AISI 304
Anneau entretoise Support d'aspiration Filtre Protection du câble Joint Vis et boulons	Acier inox AISI 316 Acier inox AISI 304
Arbre	Acier inox AISI 420 B/304
Butée d'embrayage supérieure	Résine phénolique/teflon
Anneau d'usure des roues et des douilles	Caoutchouc

Límite de empleo y aplicación

Bomba sumergida totalmente fabricada en acero inox resistente a la corrosión. La bomba está directamente acoplada al motor por medio de una junta.

- 1 - El eje hexagonal permite reducir al mínimo las vibraciones originadas por la rotación de los impulsores.
- 2 - Para una mayor duración de la bomba cada difusor está provisto con un buje de goma desmontable al cual le corresponde en el eje un buje de metal cromado.
- 3 - La bomba está provista con un amplio buje-guía de goma y con un buje de metal cromado en el eje. Los soportes de guía están lubricados con agua.
- 4 - Líquidos bombeados: agua limpia
- 5 - Caudal
Cantidad máx de cuerpos sólidos 50g/m³
- 6 - Tolerancia de las curvas según las normas ISO 2548 clase B

Empleos:

- instalaciones para irrigación
- instalaciones industriales
- usos civiles
- instalaciones presurizadas

Boca de impulsión Válvula sin retroceso Difusores Impulsores Espaciadores Soporte de aspiración Filtro Cubrecable Junta Tornillería	Acero inox AISI 304 Acero inox AISI 316 Acero inox AISI 304
Eje	AISI 420 B/304
Cojinete de tope superior	Resina fenolica/teflon
Anillos de desgaste impulsor y bujes-guía	Goma

VE 30/VE 42/VE 60



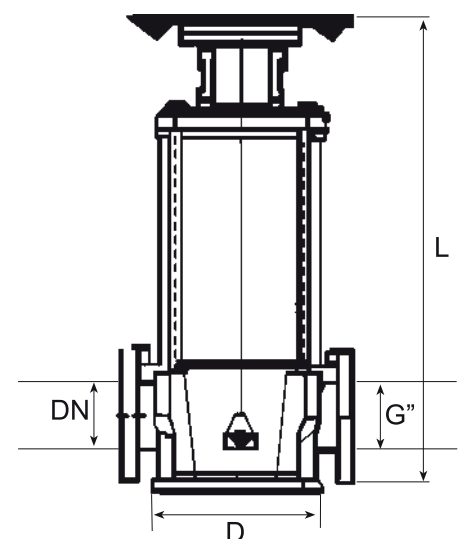
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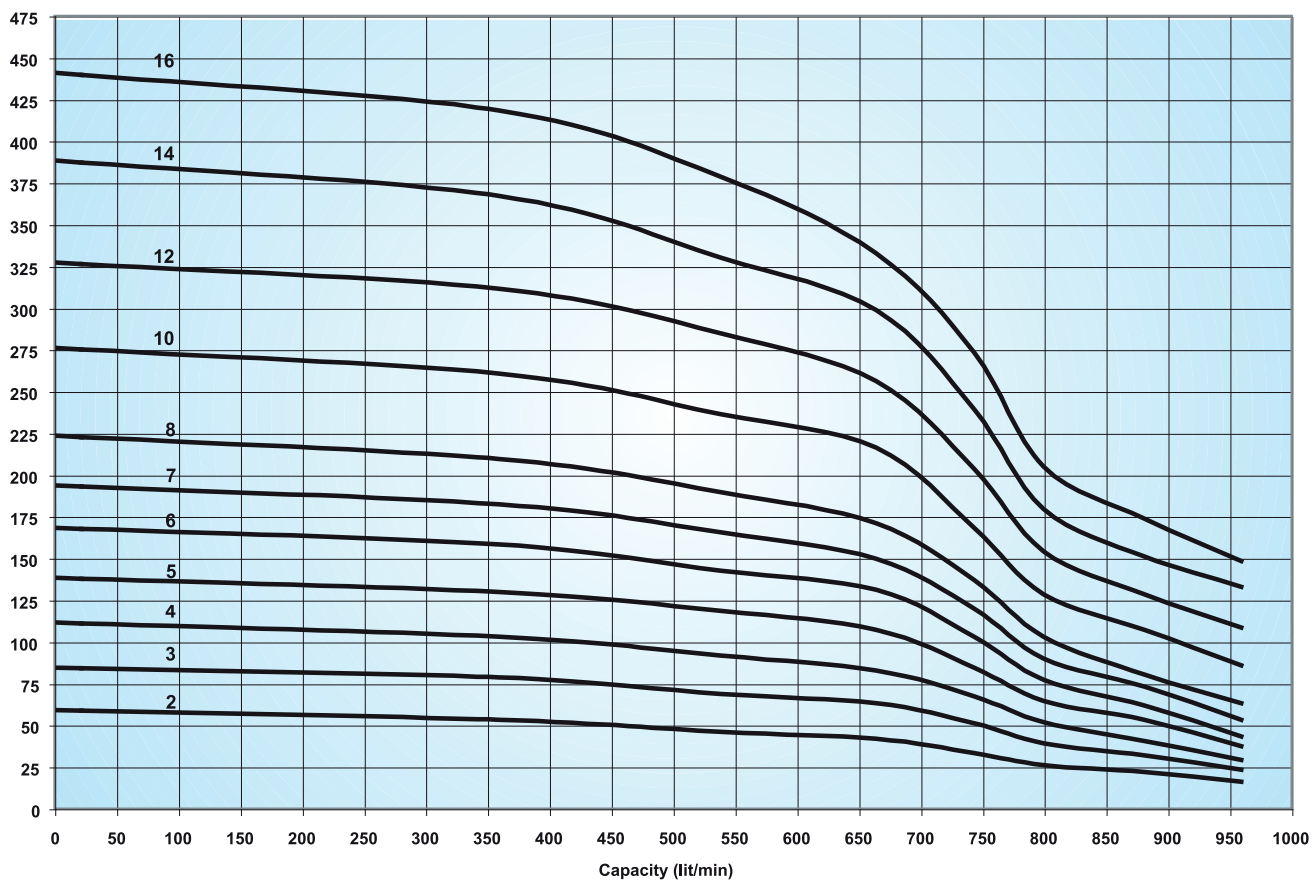
PUMP MODEL	POWER		Lit/sec	6	9	11,1	12,4	13,3	14,6	16
	HP	KW								
SSIM VE-30/1	5,5	4	Lit/min	360	540	665	744	800	876	960
SSIM VE-30/2	10	7,5	CBM/h	21,6	32,4	39,9	44,6	48	52,6	57,6
SSIM VE-30/3	15	11								
SSIM VE-30/4	20	15		26	23	21	16	13	11	8
SSIM VE-30/5	25	18,5		53	45	41	33	26	21	16
SSIM VE-30/6	25	18,5		78	68	62	50	38	31	23
SSIM VE-30/7	34,6	26		102	91	85	67	51	40	28
SSIM VE-30/8	40	30		129	118	107	84	64	53	37
SSIM VE-30/10	50	37		158	142	131	102	77	61	43
SSIM VE-30/12	60	42		182	165	149	119	89	72	53
SSIM VE-30/14	75	55		209	189	170	136	102	80	62
SSIM VE-30/16	75	55		260	236	216	168	128	107	85
				311	284	256	203	153	128	108
				366	329	298	239	179	151	132
				417	378	332	273	204	173	148

Advised application field

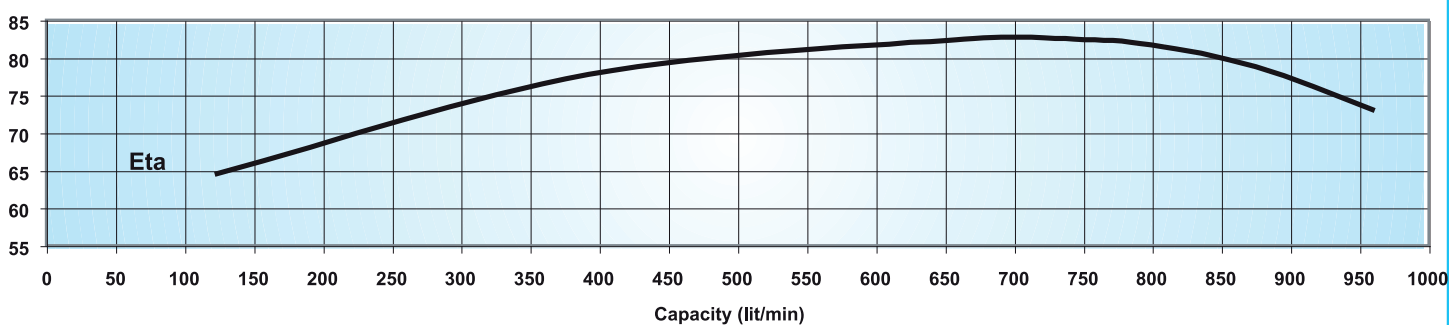
PUMP MODEL	D	L	G"	DN
SSIM VE-30/1	340	370	3"	80
SSIM VE-30/2	340	420	3"	80
SSIM VE-30/3	340	470	3"	80
SSIM VE-30/4	340	520	3"	80
SSIM VE-30/5	340	570	3"	80
SSIM VE-30/6	340	655	3"	80
SSIM VE-30/7	340	740	3"	80
SSIM VE-30/8	340	800	3"	80
SSIM VE-30/10	340	920	3"	80
SSIM VE-30/12	340	1060	3"	80
SSIM VE-30/14	340	1200	3"	80
SSIM VE-30/16	340	1340	3"	80



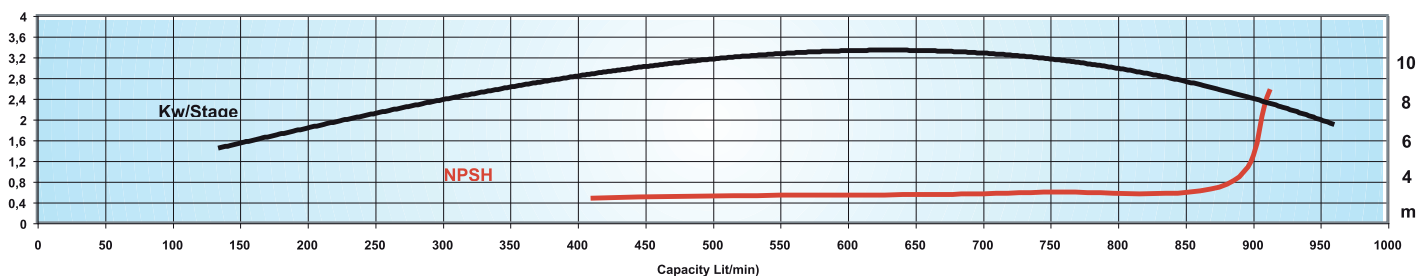
Performance curves SSIM VE 30 SERIE 60 Hz



Efficiency curve SSIM VE 30 serie 60 Hz



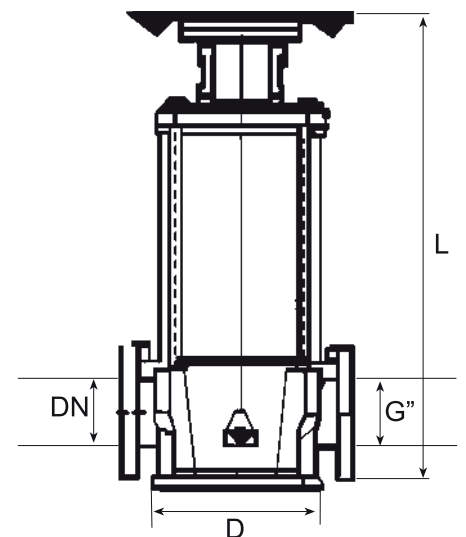
NPSH + Kw/stage curves 60 Hz



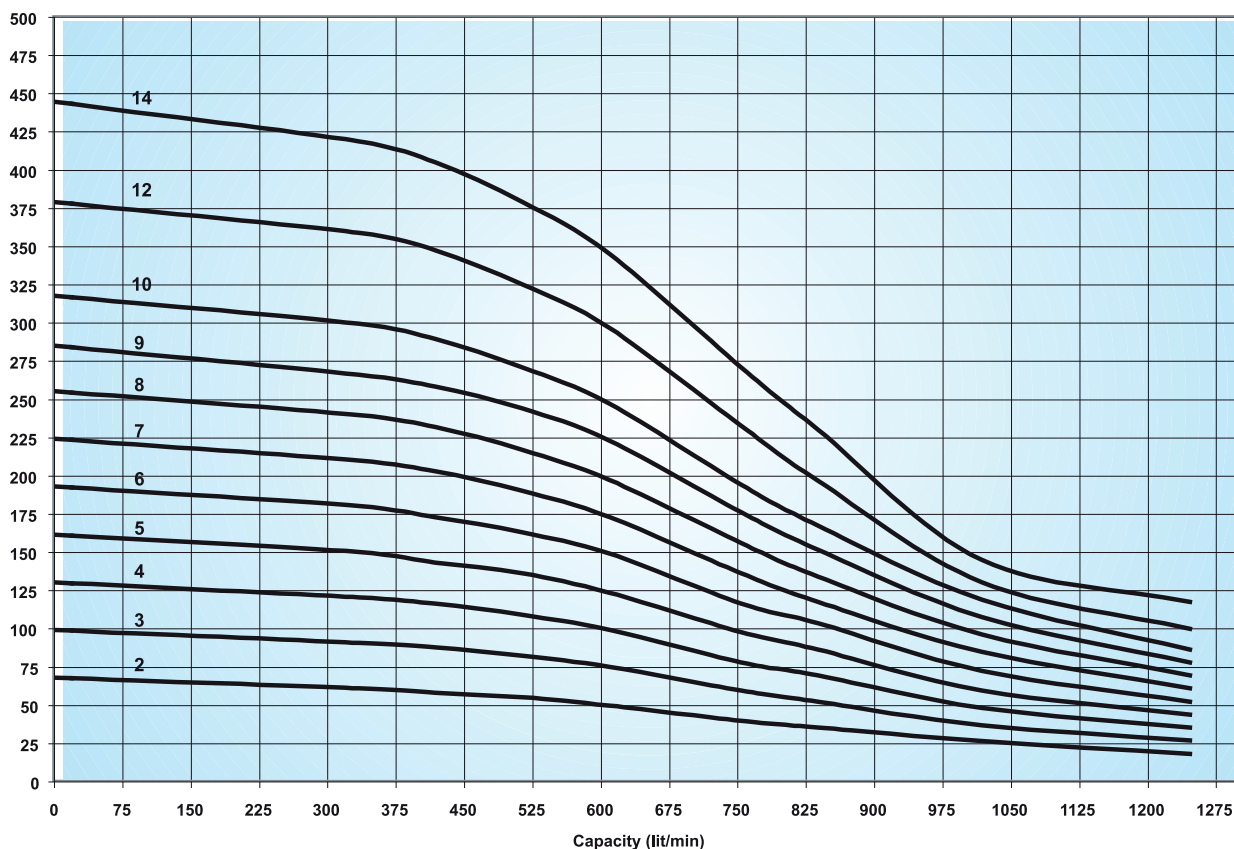
PUMP MODEL	POWER		Lit/sec	5,6	7	8,6	10,2	12,6	14	17	20,8
	HP	KW	Lit/min	336	420	516	612	756	840	1020	1248
			CBM/h	20,2	25,2	31	36,7	45,4	50,4	61,2	74,9
SSIM VE-42/1	7,5	5,5		30	28	27	24	19	17	13	9
SSIM VE-42/2	17,5	13		60	57	54	48	38	34	25	17
SSIM VE-42/3	25	18,5		89	87	81	74	58	51	36	26
SSIM VE-42/4	30	22		119	115	108	98	77	68	47	34
SSIM VE-42/5	34,6	26		149	142	135	122	97	85	58	43
SSIM VE-42/6	34,6	26		179	172	162	148	115	102	71	51
SSIM VE-42/7	50	37		209	202	189	172	135	118	84	60
SSIM VE-42/8	60	42		239	231	216	196	155	135	95	68
SSIM VE-42/9	75	55		265	257	243	222	175	151	107	77
SSIM VE-42/10	75	55		298	288	270	246	193	166	118	85
SSIM VE-42/12	90	67		358	346	324	295	231	196	129	101
SSIM VE-42/14	90	67		417	404	378	344	270	229	144	118

Advised application field

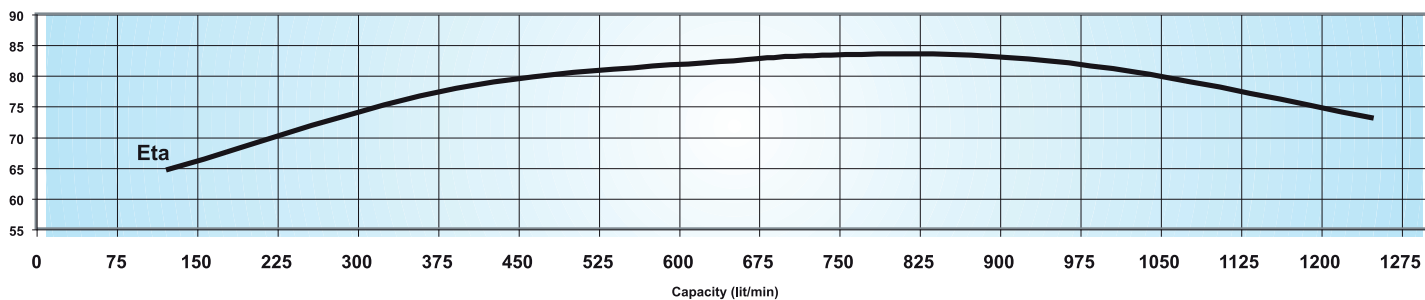
PUMP MODEL	D	L	G"	DN
SSIM VE-42/1	340	400	3"	80
SSIM VE-42/2	340	480	3"	80
SSIM VE-42/3	340	560	3"	80
SSIM VE-42/4	340	640	3"	80
SSIM VE-42/5	340	720	3"	80
SSIM VE-42/6	340	800	3"	80
SSIM VE-42/7	340	910	3"	80
SSIM VE-42/8	340	1000	3"	80
SSIM VE-42/9	340	1090	3"	80
SSIM VE-42/10	340	1180	3"	80
SSIM VE-42/12	340	1416	3"	80
SSIM VE-42/14	340	1652	3"	80



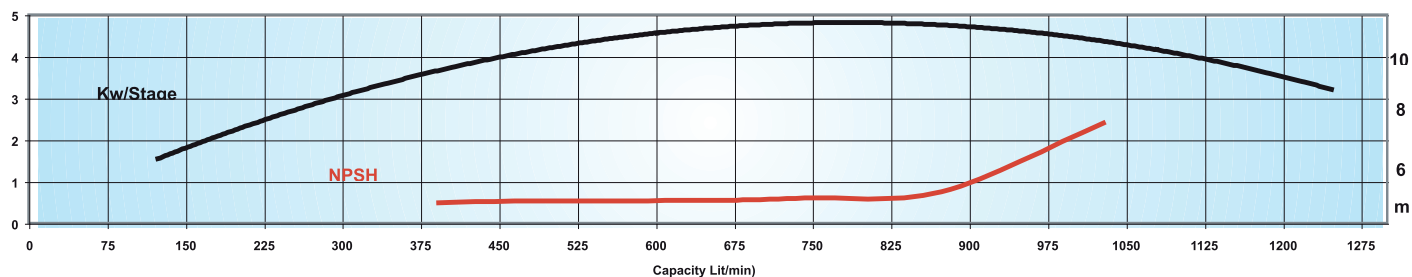
Performance curves SSIM VE 42 SERIE 60 Hz



Efficacy curve SSIM VE 42 serie 60 Hz



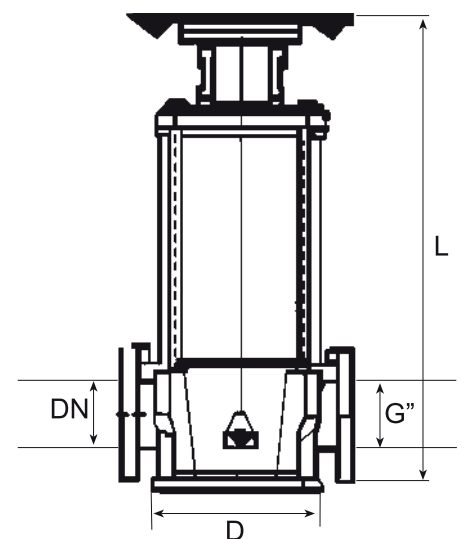
NPSH + Kw/stage curves 60 Hz



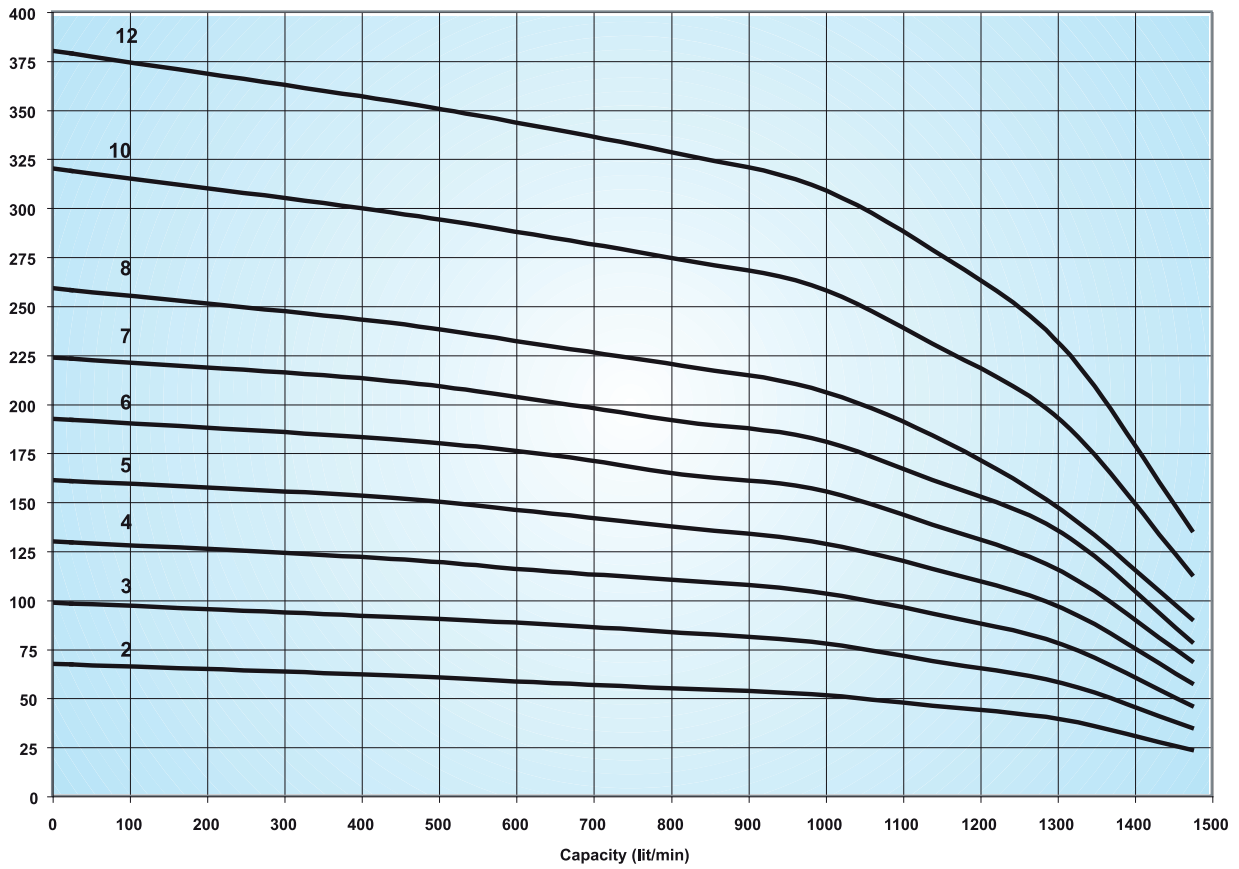
PUMP MODEL	POWER		Lit/sec	7	10,8	13,6	16,4	19	21,8	24,6
	HP	KW	Lit/min	420	648	816	984	1140	1308	1476
			CBM/h	25,2	38,9	49	59	68,4	78,5	88,6
SSIM VE-60/1	10	7,5		31	28	27	26	23	19	11
SSIM VE-60/2	20	15		61	57	54	51	45	38	23
SSIM VE-60/3	25	18,5		91	87	82	78	68	57	34
SSIM VE-60/4	34,6	26		121	114	109	104	92	77	45
SSIM VE-60/5	50	37		152	143	136	129	115	95	57
SSIM VE-60/6	50	37		182	173	163	156	138	114	68
SSIM VE-60/7	60	45		212	200	190	182	160	133	78
SSIM VE-60/8	75	55		241	229	219	207	183	145	89
SSIM VE-60/10	90	67		298	284	273	260	230	190	112
SSIM VE-60/12	110	75		355	339	327	311	275	229	135

Advised application field

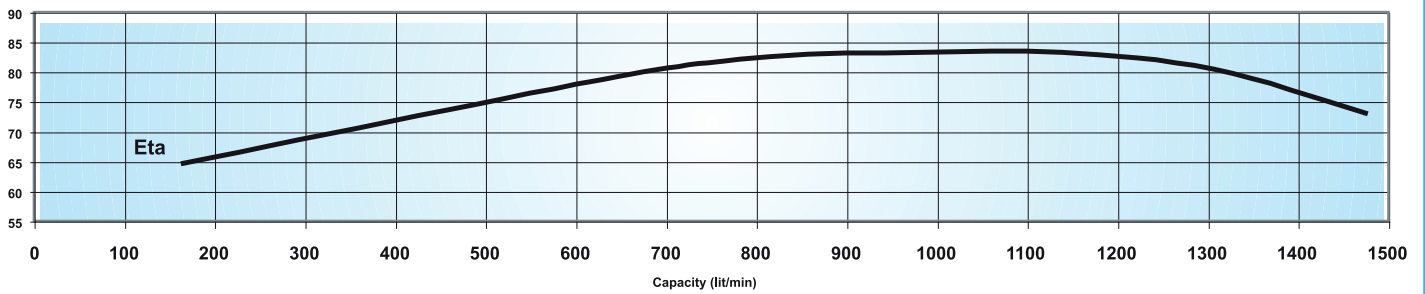
PUMP MODEL	D	L	G"	DN
SSIM VE-60/1	340	426	3"	80
SSIM VE-60/2	340	480	3"	80
SSIM VE-60/3	340	534	3"	80
SSIM VE-60/4	340	588	3"	80
SSIM VE-60/5	340	642	3"	80
SSIM VE-60/6	340	696	3"	80
SSIM VE-60/7	340	750	3"	80
SSIM VE-60/8	340	804	3"	80
SSIM VE-60/10	340	912	3"	80
SSIM VE-60/12	340	1020	3"	80



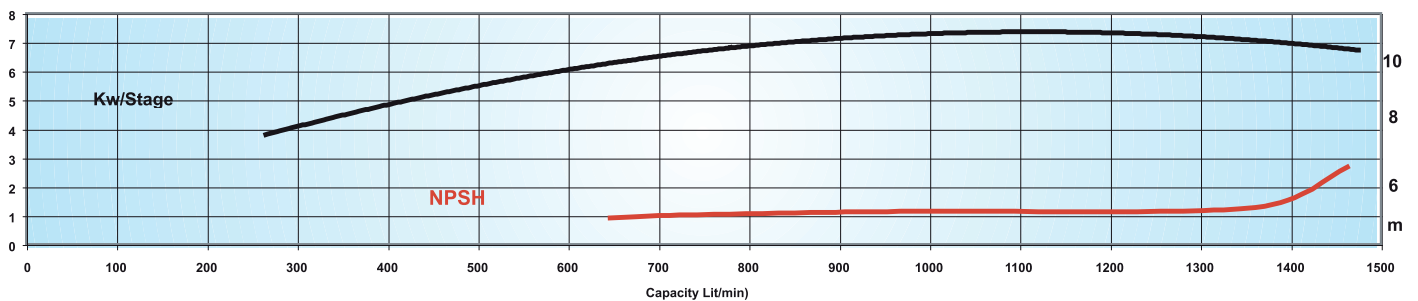
Performance curves SSIM VE 60 SERIE 60 Hz



Efficiency curve SSIM VE 60 serie 60 Hz



NPSH + Kw/stage curves 60 Hz



CARATTERISTICHE

Characteristics Caractéristiques Características

VERSIONE "N" IN AISI 316 INTEGRALE / "N" VERSION FULL AISI 316 STAINLESS-STEEL

Materiali costruttivi

Girante	acciaio inox AISI 304
Diffusore	acciaio inox AISI 304
Separatore	acciaio inox AISI 304
Aspirazione	ghisa G 25
Mandata	ghisa G 25
Basamento	ghisa G 25
Lanterna raccordo motore	ghisa G 25
Giunto	ghisa G 25
Albero	acciaio inox AISI 304 o AISI 430 B
Camicia esterna	acciaio inox AISI 304
Protezione giunto	acciaio inox AISI 304
Bronzine	bronzo
Tenuta meccanica	carbone/silicio
Fino 6 Giranti	grafite/allumina
O ring di tenuta	EPDM

Composition

Roue	acier inox AISI 304
Diffuseur	acier inox AISI 304
Séparateur	acier inox AISI 304
Aspiration	fonte G 25
Refoulement	fonte G 25
Soubassement	fonte G 25
Lanterne raccord moteur	fonte G 25
Joint	fonte G 25
Arbre	acier inox AISI 304 ou AISI 430 B
Chemise	acier inox AISI 304
Protection joint	acier inox AISI 304
Coussinets	bronze
Jusqu'à 6 roues	graphite/alumina
Garniture mécanique	carbone/silice
Joint torique	EPDM

Materials

Impellers	stainless steel AISI 304
Diffusers	stainless steel AISI 304
Separator	stainless steel AISI 304
Inlet-outlet	cast iron G 25
Base	cast iron G 25
Motor bracket	cast iron G 25
Shaft	stainless steel AISI 304 or AISI 430 B
Outer casing	stainless steel AISI 304
Joint protection	stainless steel AISI 304
Bushes	bronze
Mechanical seal	silicium/carbide
Up to 6 impellers	carbon/alumina
O ring gasket	EPDM

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