

SIMONAZZI srl

WATER ENGINEERING SINCE 1909



CATALOGO TECNICO
TECHNICAL CATALOGUE

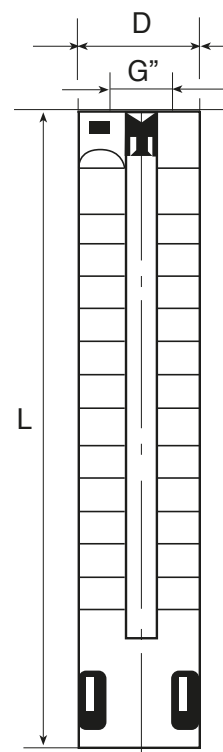
4"



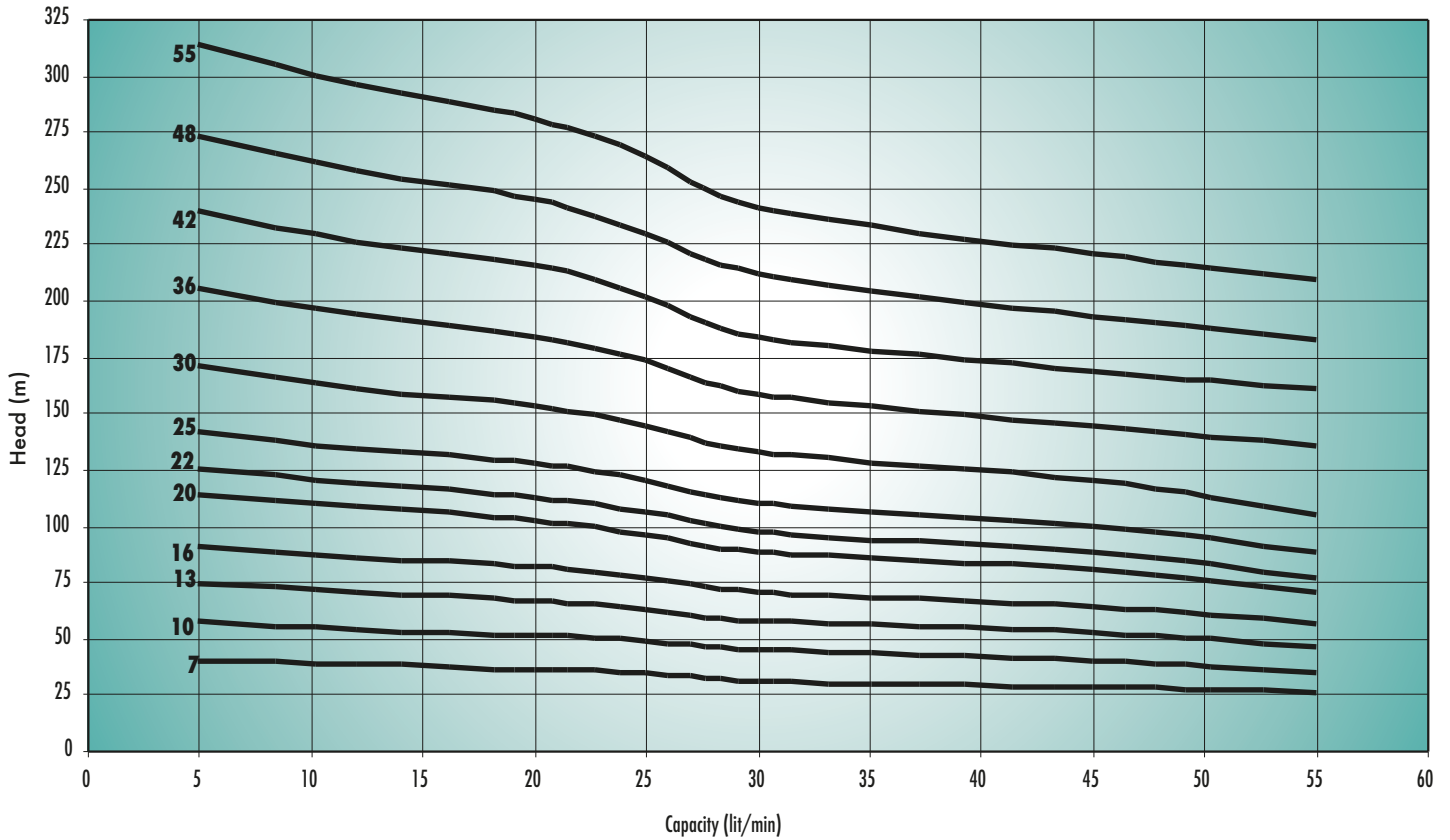
PUMP MODEL	POWER		Lit/sec	0,08	0,2	0,33	0,4	0,5	0,75	0,9
			Lit/min	5	12	20	25	30	45	55
			CBM/h	0,3	0,7	1,2	1,5	1,8	2,7	3,3
HP	KW									
SSIM 403/7	0,5	0,37	40	38	36	34	31	28	25	
SSIM 403/10	0,7	0,55	57	54	51	48	44	40	35	
SSIM 403/13	1	0,75	74	70	66	62	57	52	46	
SSIM 403/16	1,5	1,1	91	86	82	77	70	64	56	
SSIM 403/20	1,5	1,1	114	108	102	96	88	80	70	
SSIM 403/22	2	1,50	125	118	112	106	97	88	77	
SSIM 403/25	2	1,50	142	134	128	120	110	100	88	
SSIM 403/30	3	2,2	171	161	153	144	132	120	105	
SSIM 403/36	3	2,2	205	194	184	173	158	144	126	
SSIM 403/42	4	3	239	226	215	202	184	168	160	
SSIM 403/48	4	3	273	258	245	230	211	192	182	
SSIM 403/55	5,5	4	313	296	281	264	241	220	209	

Advised application field

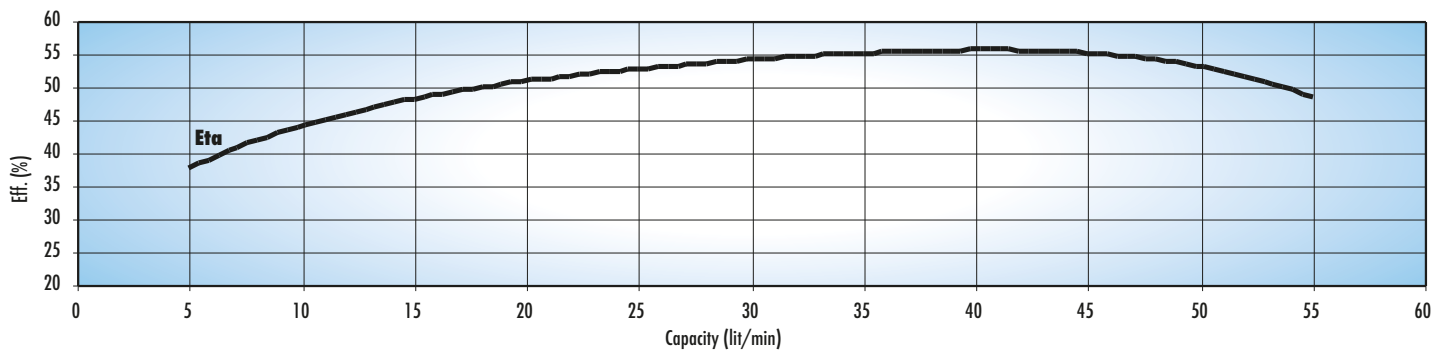
PUMP MODEL	D	L	G
SSIM 403/7	95	312	1 1/4
SSIM 403/10	95	381	1 1/4
SSIM 403/13	95	450	1 1/4
SSIM 403/16	95	519	1 1/4
SSIM 403/20	95	611	1 1/4
SSIM 403/22	95	657	1 1/4
SSIM 403/25	95	726	1 1/4
SSIM 403/30	95	841	1 1/4
SSIM 403/36	95	979	1 1/4
SSIM 403/42	95	1117	1 1/4
SSIM 403/48	95	1255	1 1/4
SSIM 403/55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



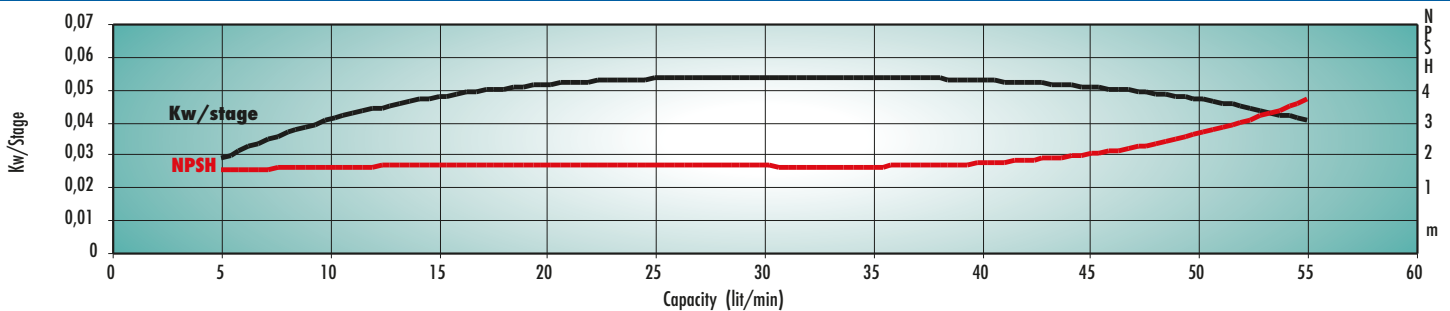
Performance curves SSIM 403 SERIE



Efficiency curve SSIM 403 serie



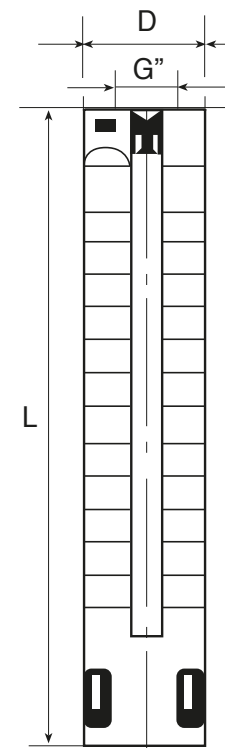
NPSH + Kw/stage curves



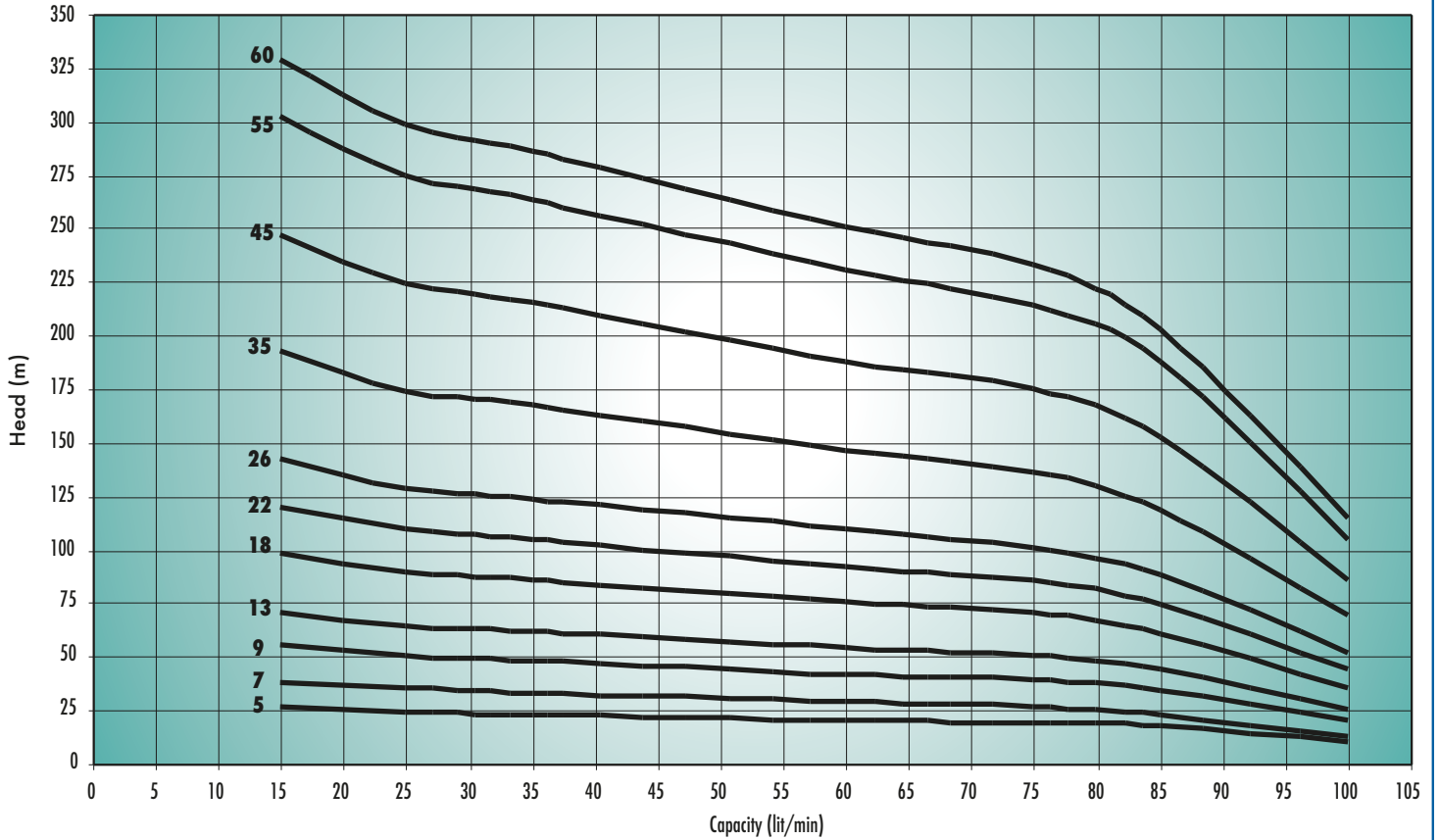
PUMP MODEL	POWER		Lit/sec	0,25	0,4	0,58	1	1,25	1,41	1,66
	HP	KW	Lit/min	15	25	35	60	75	85	100
			CBM/h	0,9	1,5	2,1	3,6	4,5	5,1	6
SSIM 405/5	0,5	0,37		26	24	23	20	19	17	10
SSIM 405/7	0,7	0,55		38	35	33	29	27	23	13
SSIM 405/9	1	0,75		55	50	48	42	39	34	20
SSIM 405/13	1,5	1,1		71	64	62	54	50	44	25
SSIM 405/18	2	1,5		98	89	86	75	70	61	35
SSIM 405/22	3	2,2		120	110	105	92	85	74	44
SSIM 405/26	3	2,2		142	129	124	109	101	88	51
SSIM 405/35	4	3		192	174	167	146	136	118	69
SSIM 405/45	5,5	4		247	224	215	188	175	152	86
SSIM 405/55	7,5	5,5		302	274	263	230	214	188	105
SSIM 405/60	7,5	5,5		329	299	286	251	233	203	114

Advised application field

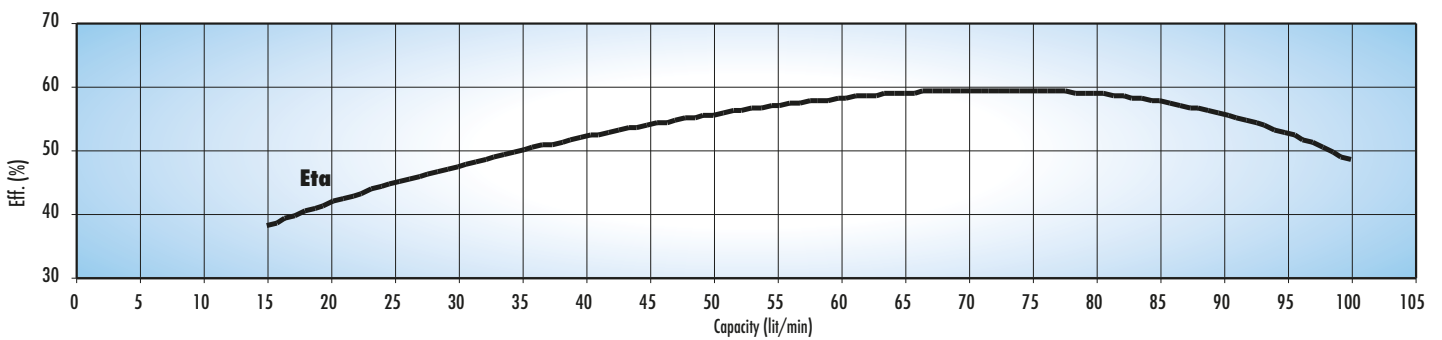
PUMP MODEL	D	L	G"
SSIM 405/5	95	268	1 1/4
SSIM 405/7	95	312	1 1/4
SSIM 405/9	95	358	1 1/4
SSIM 405/13	95	450	1 1/4
SSIM 405/18	95	565	1 1/4
SSIM 405/22	95	657	1 1/4
SSIM 405/26	95	749	1 1/4
SSIM 405/35	95	956	1 1/4
SSIM 405/45	95	1186	1 1/4
SSIM 405/55	95	1416	1 1/4
SSIM 405/60	95	1531	1 1/4



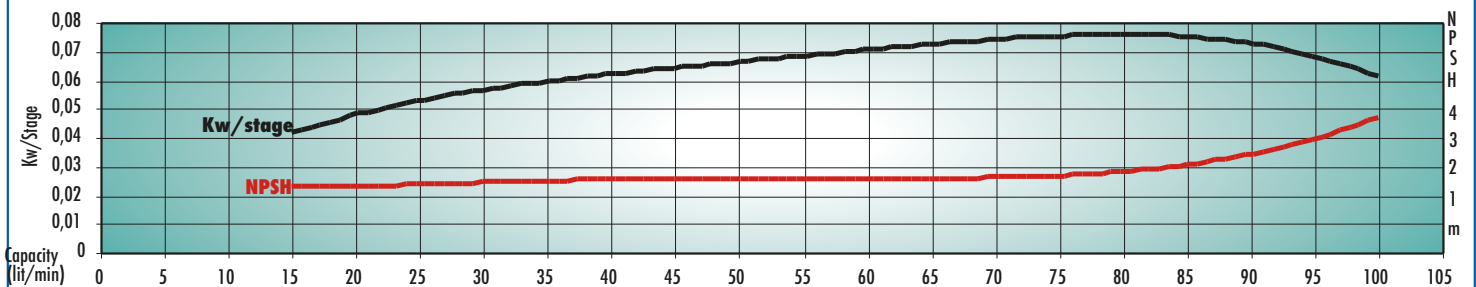
Performance curves SSIM 405 SERIE



Efficiency curve SSIM 405 serie



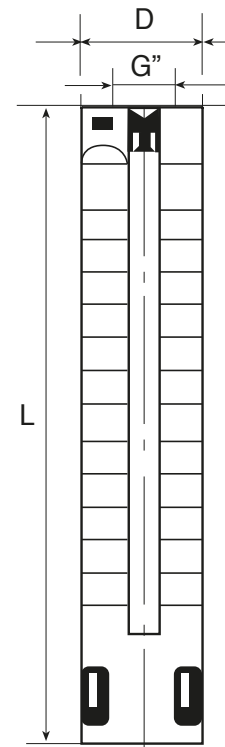
NPSH + Kw/stage curves



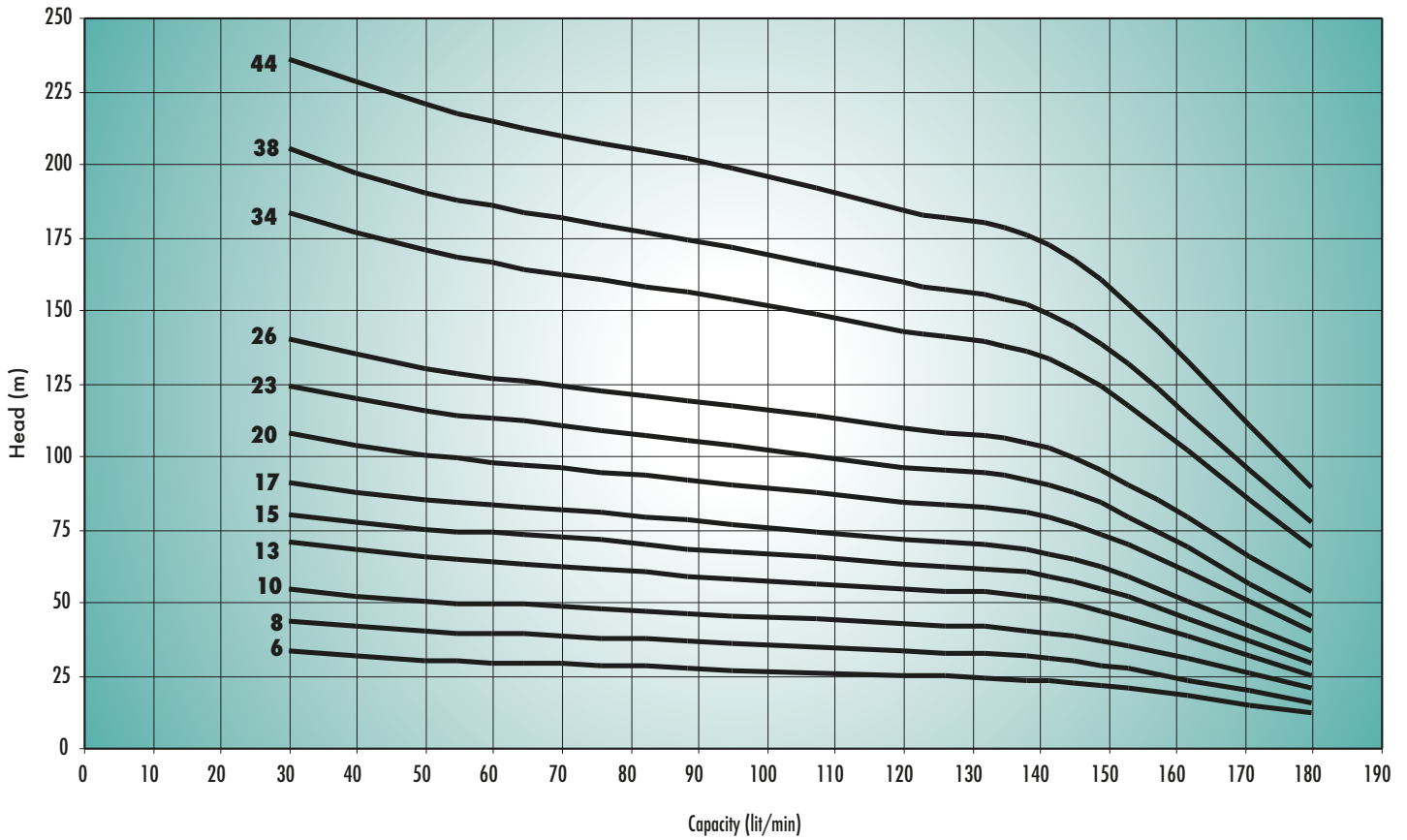
PUMP MODEL	POWER		Lit/sec	0,5	0,83	1,16	1,58	2	2,41	3
			Lit/min	30	50	70	95	120	145	180
			CBM/h	1,8	3	4,2	5,7	7,2	8,7	10,8
HP	KW									
SSIM 408/6	1	0,75	33	30	29	26	25	22	12	
SSIM 408/8	1,5	1,1	43	40	38	36	33	30	15	
SSIM 408/10	2	1,5	54	50	48	45	42	38	20	
SSIM 408/13	3	2,2	70	65	62	58	54	49	25	
SSIM 408/15	3	2,2	80	75	72	67	63	57	29	
SSIM 408/17	4	3	91	85	81	76	71	64	33	
SSIM 408/20	4	3	108	100	96	90	84	76	40	
SSIM 408/23	5,5	4	124	115	110	103	96	87	45	
SSIM 408/26	5,5	4	140	130	124	117	109	99	53	
SSIM 408/34	7,5	5,5	183	170	162	153	142	129	69	
SSIM 408/38	7,5	5,5	205	190	181	171	159	144	77	
SSIM 408/44	10	7,5	236	220	209	198	184	167	89	

Advised application field

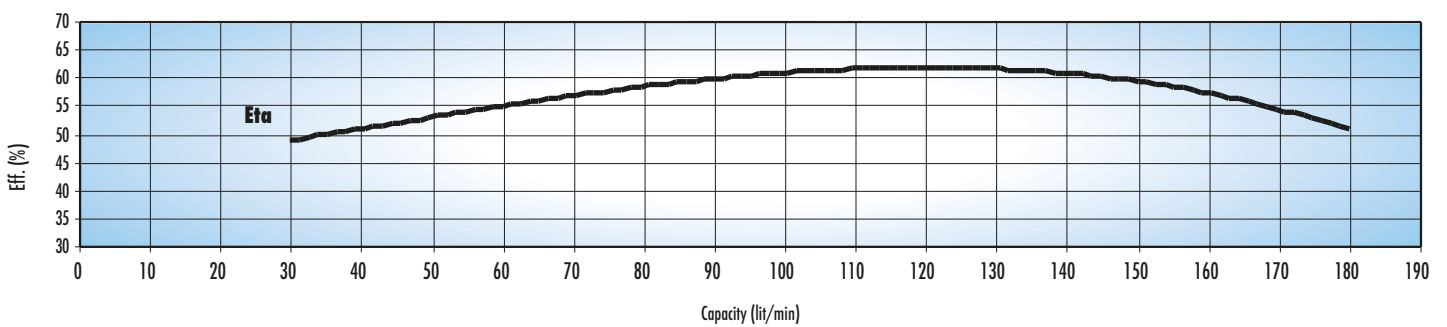
PUMP MODEL	D	L	G"
SSIM 408/6	95	269	2
SSIM 408/8	95	345	2
SSIM 408/10	95	421	2
SSIM 408/13	95	535	2
SSIM 408/15	95	725	2
SSIM 408/17	95	801	2
SSIM 408/20	95	915	2
SSIM 408/23	95	1029	2
SSIM 408/26	95	1143	2
SSIM 408/34	95	1447	2
SSIM 408/38	95	1599	2
SSIM 408/44	95	1827	2



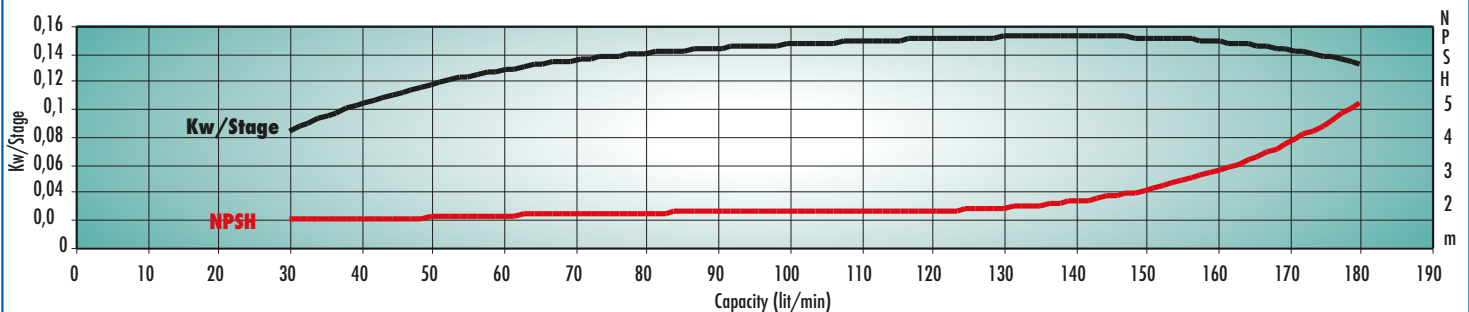
Performance curves SSIM 408 SERIE



Efficiency curve SSIM 408 serie



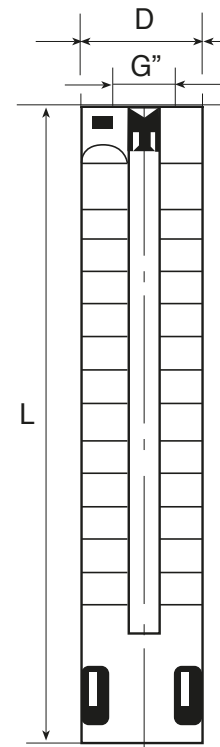
NPSH + Kw/stage curves



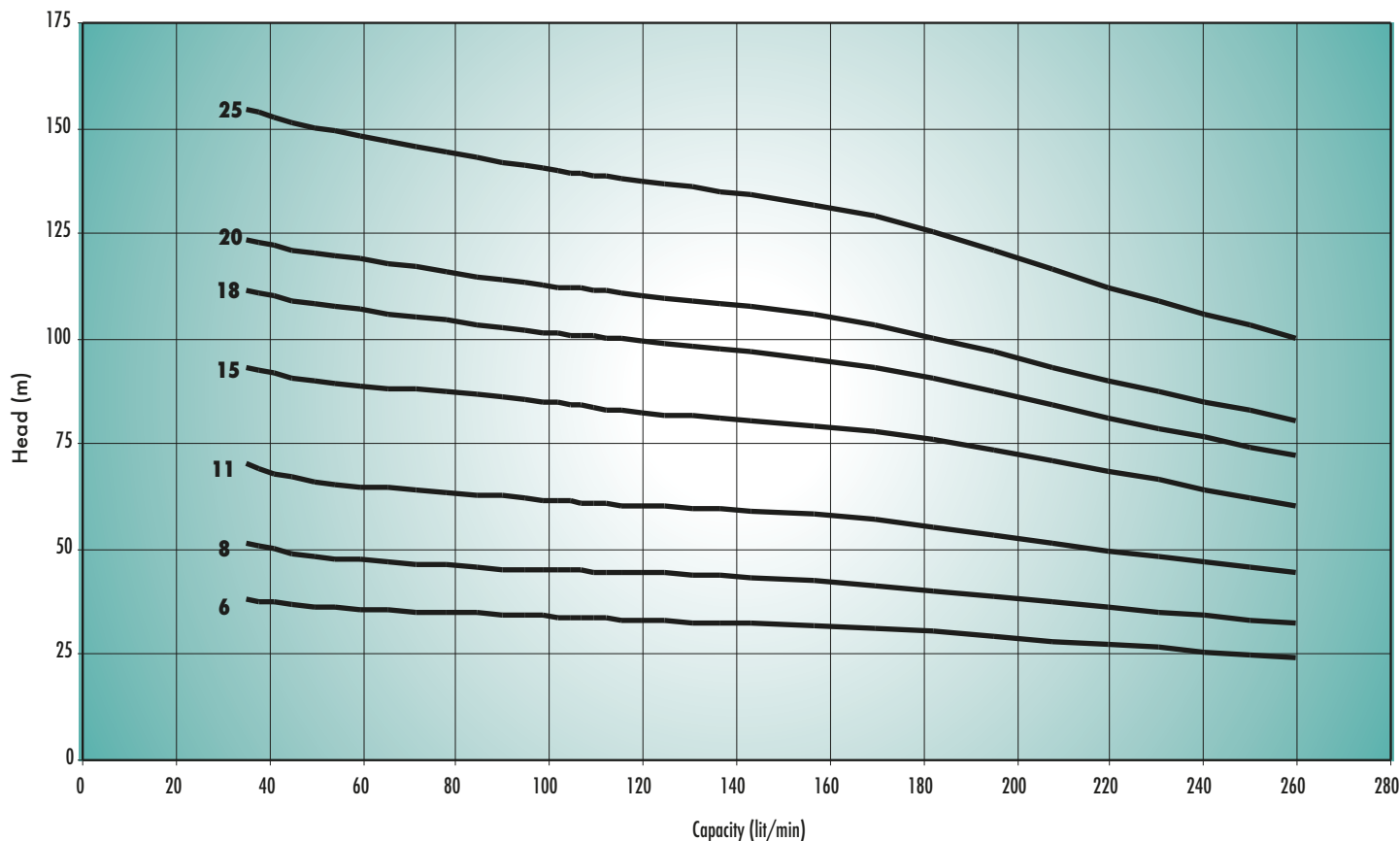
PUMP MODEL	POWER		Lit/sec	0,5	0,83	1,58	2	2,83	3,66	4,3
	HP	KW	Lit/min	30	50	95	120	170	220	260
			CBM/h	1,8	3	5,7	7,2	10,2	13,2	15,6
SSIM 414/6	2	1,5		38	36	34	33	31	27	24
SSIM 414/8	3	2,2		51	48	45	44	41	36	32
SSIM 414/11	4	3		70	66	62	60	57	49	44
SSIM 414/15	5,5	4		93	90	85	82	78	68	60
SSIM 414/18	7,5	5,5		111	108	102	99	93	81	72
SSIM 414/20	7,5	5,5		123	120	113	110	103	90	80
SSIM 414/25	10	7,5		154	150	141	137	129	112	100

Advised application field

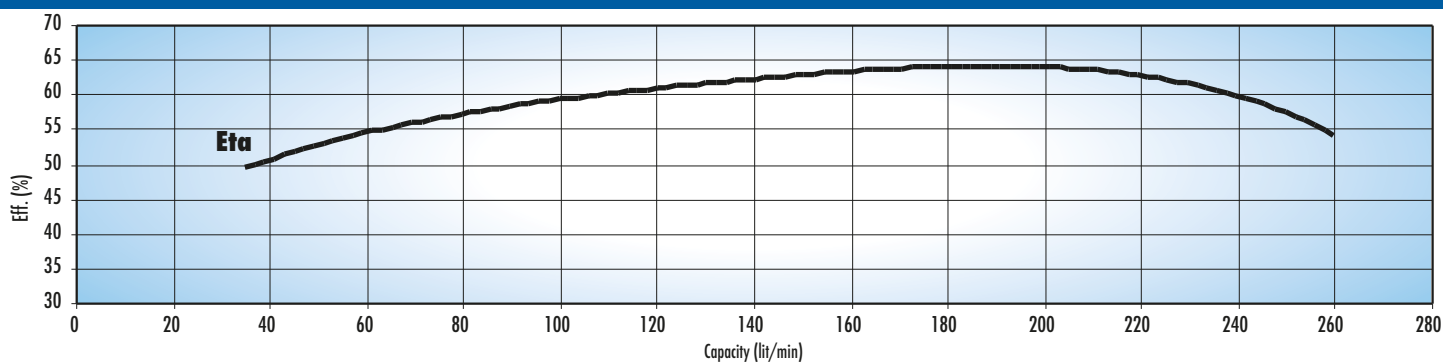
PUMP MODEL	D	L	G"
SSIM 414/6	95	383	2
SSIM 414/8	95	459	2
SSIM 414/11	95	573	2
SSIM 414/15	95	725	2
SSIM 414/18	95	839	2
SSIM 414/20	95	915	2
SSIM 414/25	95	1105	2



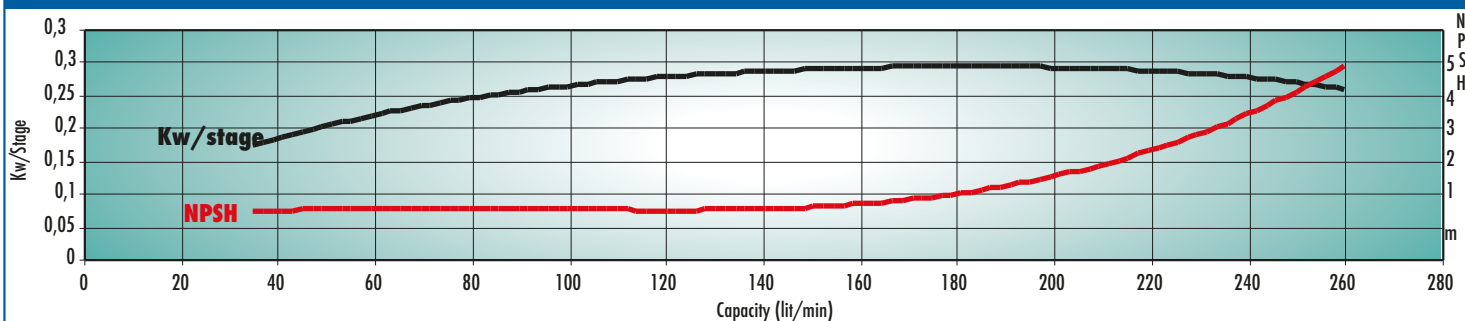
Performance curves SSIM 414 SERIE



Efficiency curve SSIM 414 serie



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 da 4" interamente costruita in acciaio inox resistente alla corrosione. La pompa è direttamente accoppiata al motore a mezzo giunto secondo norme NEMA.
- Tutte le pompe sono dotate di valvola di non ritorno.
- 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 - quantità max. di corpi solidi 50 g/m³
- 5 - Portata Q: 0-18 m³/h - prevalenza H: max 247 mt. Temperatura liquido: 40°C.
- 6 - Tolleranza delle curve secondo norme ISO 2548 classe B

Impieghi:

- impianti di irrigazione
- impianti industriali
- usi civili
- impianti pressurizzati

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

Operating and application limits

- Stainless steel 4" submersible pump direct coupled to the motor with joint according to NEMA standard.
- The pump is entirely constructed in stainless steel and fitted with non-return valve.
- 1 - The hexagonal 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, max solid quantity 50 g/m³
- 5 - Flow rate Q: 0-18 m³/h - Head H: max. 247 mt. Liquid temperature: 40 °C
- 6 - Curves tolerance according to ISO standards 2548 class B

Applications:

- irrigations system
- pressure system
- home applications
- industrial uses

Outlet Check valve Diffusers Impellers	Stainless steel AISI 304
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 de 4" résistante à la corrosion entièrement construite en acier inox. La pompe est directement connectée au moteur par un joint selon les normes NEMA. La pompe est équipée avec un clapet de retenue.
- 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 douille de guide en caoutchouc et un manchon chromé situé sur l'arbre. Ce système de support est lubrifié par l'eau.
- 4 - Liquides pompés: eau pure, quantité max de corps solides dans l'eau 50 mg/m³.
- 5 - Débit Q: 0-18 m³/h - Hauteur H: max. 247 mt. Température du liquide: 40 °C.
- 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 Diffuseurs Roues	Acier inox AISI 304
Anneau entretoise Support d'aspiration Filtre Protection du cable Joint Vis et boulons	Acier inox AISI 304
Arbre	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 de 4" totalmente fabricada con acero inox resistente a la corrosión. La bomba está directamente acoplada con el motor por medio de una junta según las normas NEMA. Todas las bombas están provistas con válvula sin retroceso.
- 1 - El eje hexagonal permite reducir al mínimo las vibraciones originadas durante 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 - cantidad máx. de cuerpos sólidos 50 g/m³
- 5 - Caudal Q: 0-18 m³/h - carga hidrostática H: máx 247 mt. Temperatura líquido: 40°C.
- 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	Acero inox AISI 304
Espaciadores Soporte de aspiración Filtro Cubrecable Junta Tornillería	Acero inox AISI 304
Eje	AISI 420 B/304
Cojinete de tope superior	Resina fenolica/teflon
Anillos de desgaste impulsor y bujes-guía	Goma

6" - 8"

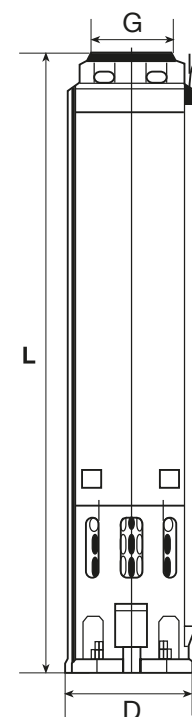


PUMP MODEL	POWER		Lit/sec	1	1,66	2	2,25	2,66	3,16	3,5
			Lit/min	60	100	120	135	160	190	210
			CBM/h	3,6	6	7,2	8,1	9,6	11,4	12,6
HP	KW									
SSIM 4-613/4	1,5	1,1	46	40	36	31	26	16	10	
SSIM 4-613/6	2	1,5	69	60	54	46	39	24	15	
SSIM 4-613/8	3	2,2	93	80	72	62	52	32	20	
SSIM 4-613/11	4	3	128	110	100	86	72	44	28	
SSIM 4-613/14	5,5	4	162	141	127	109	91	56	35	
SSIM 613/16	7,5	5,5	185	162	145	124	104	64	40	
SSIM 613/18	7,5	5,5	209	180	163	140	117	72	45	
SSIM 613/22	10	7,5	255	220	199	171	143	88	55	
SSIM 613/26	10	7,5	302	262	236	203	170	104	65	
SSIM 613/30	12,5	9,2	348	301	272	233	196	120	75	
SSIM 613/34	15	11	395	343	309	265	222	136	85	
SSIM 613/38	15	11	441	382	344	296	248	152	95	
SSIM 613/40	20	15	464	403	363	312	261	160	100	
SSIM 613/42	20	15	487	422	381	327	274	168	105	
SSIM 613/45	25	18,5	522	453	408	351	293	180	112	

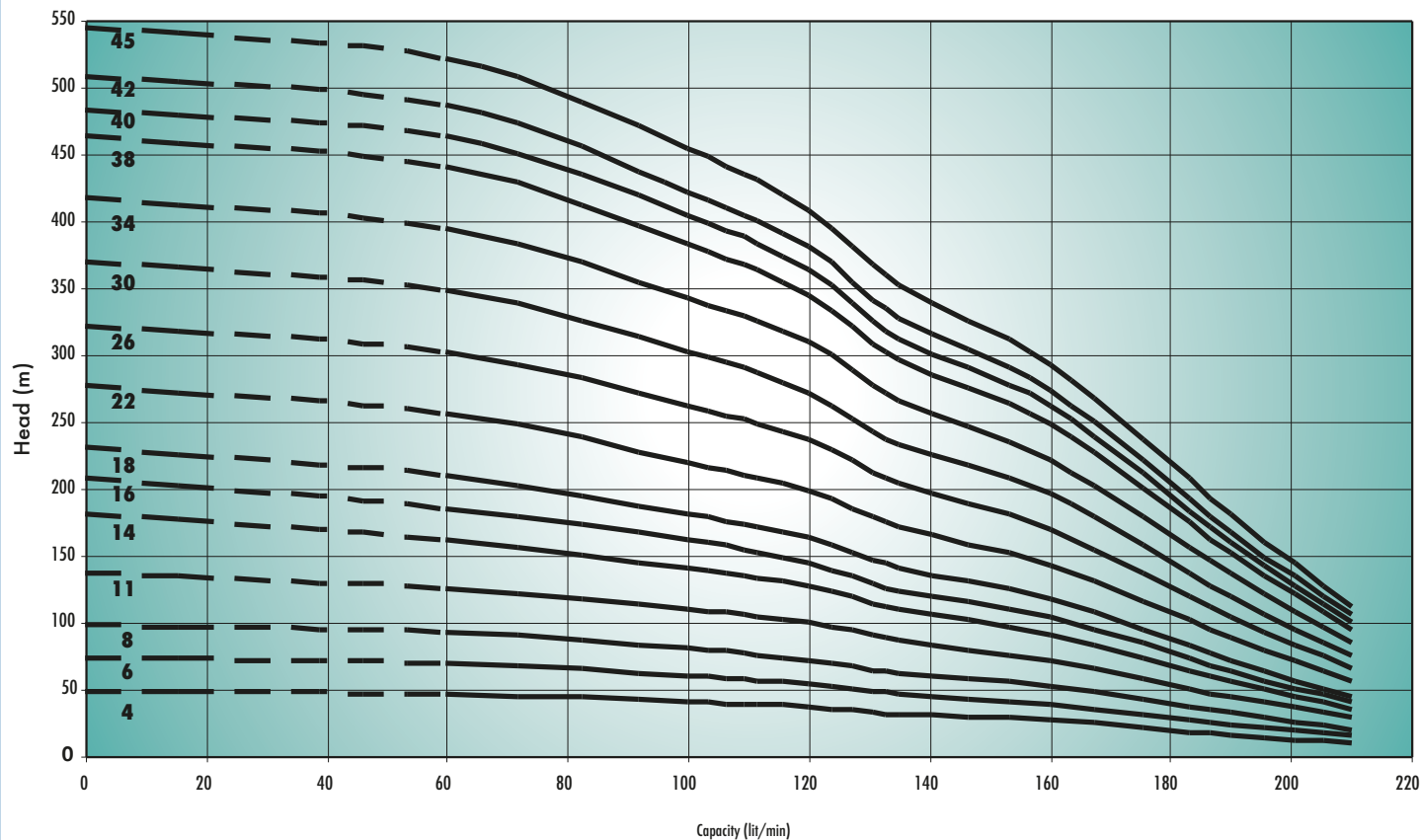
Advised application field

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

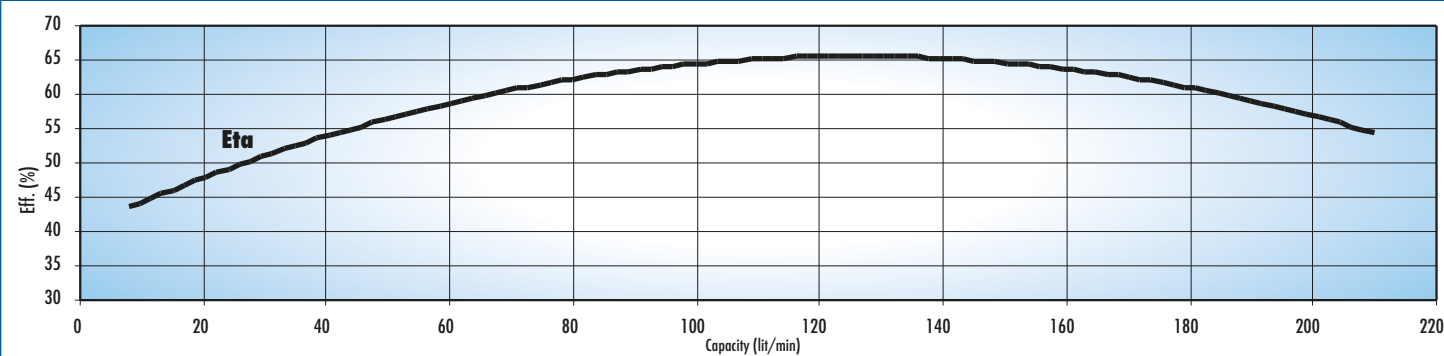
* 2" - 3" available too.



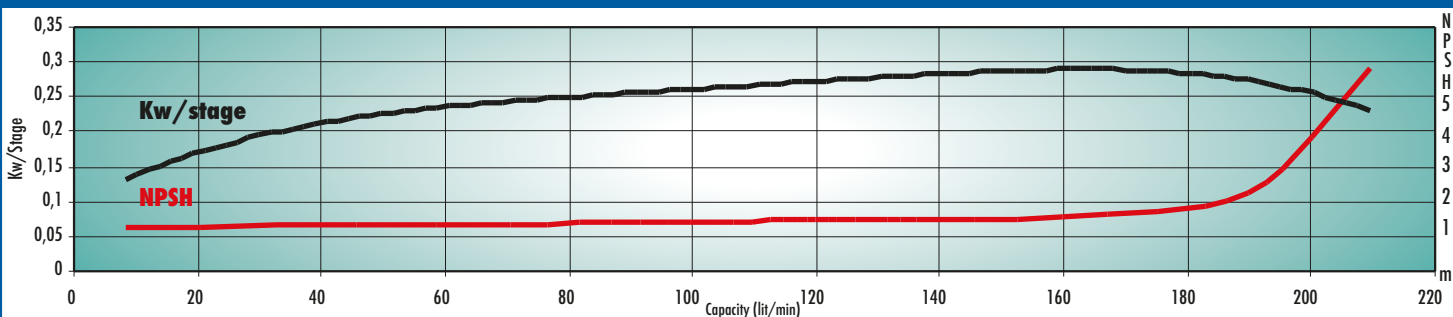
Performance curves SSIM 613 SERIE



Efficiency curve SSIM 613 serie



NPSH + Kw/stage curves

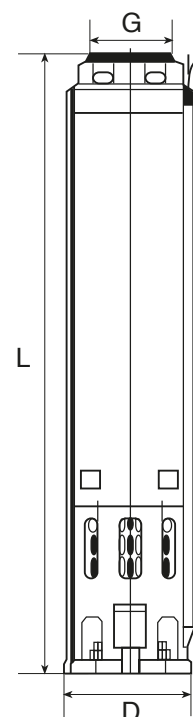


PUMP MODEL	POWER		Lit/sec	1	1,83	2,16	3	3,5	4,66	5,16
			Lit/min	60	110	130	180	210	280	310
	CBM/h	3,6	6,6	7,8	10,8	12,6	16,8	18,6		
HP	KW									
SSIM 4-604/4	3	2,2		55	50	47	42	36	22	15
SSIM 4-604/6	4	3		83	75	71	63	55	33	22
SSIM 4-604/8	5,5	4		110	100	94	84	73	45	30
SSIM 604/10	7,5	5,5		138	125	118	105	92	56	37
SSIM 604/12	7,5	5,5		166	150	141	126	110	67	44
SSIM 604/14	10	7,5		194	176	165	147	129	79	52
SSIM 604/16	10	7,5		221	200	189	168	147	90	60
SSIM 604/18	12,5	9,2		249	225	212	189	165	101	67
SSIM 604/20	15	11		277	251	237	210	184	112	75
SSIM 604/22	15	11		305	276	261	231	202	123	82
SSIM 604/24	20	15		332	301	283	252	221	134	90
SSIM 604/28	20	15		388	352	331	294	257	158	105
SSIM 604/32	25	18,5		443	401	377	336	294	179	120
SSIM 604/36	25	18,5		498	451	425	378	331	202	136
SSIM 604/40	30	22		554	502	472	420	368	224	151
SSIM 604/44	30	22		609	550	519	462	405	247	165
SSIM 604/48	40	30		665	601	566	504	442	269	181
SSIM 604/50	40	30		693	626	590	525	460	280	189

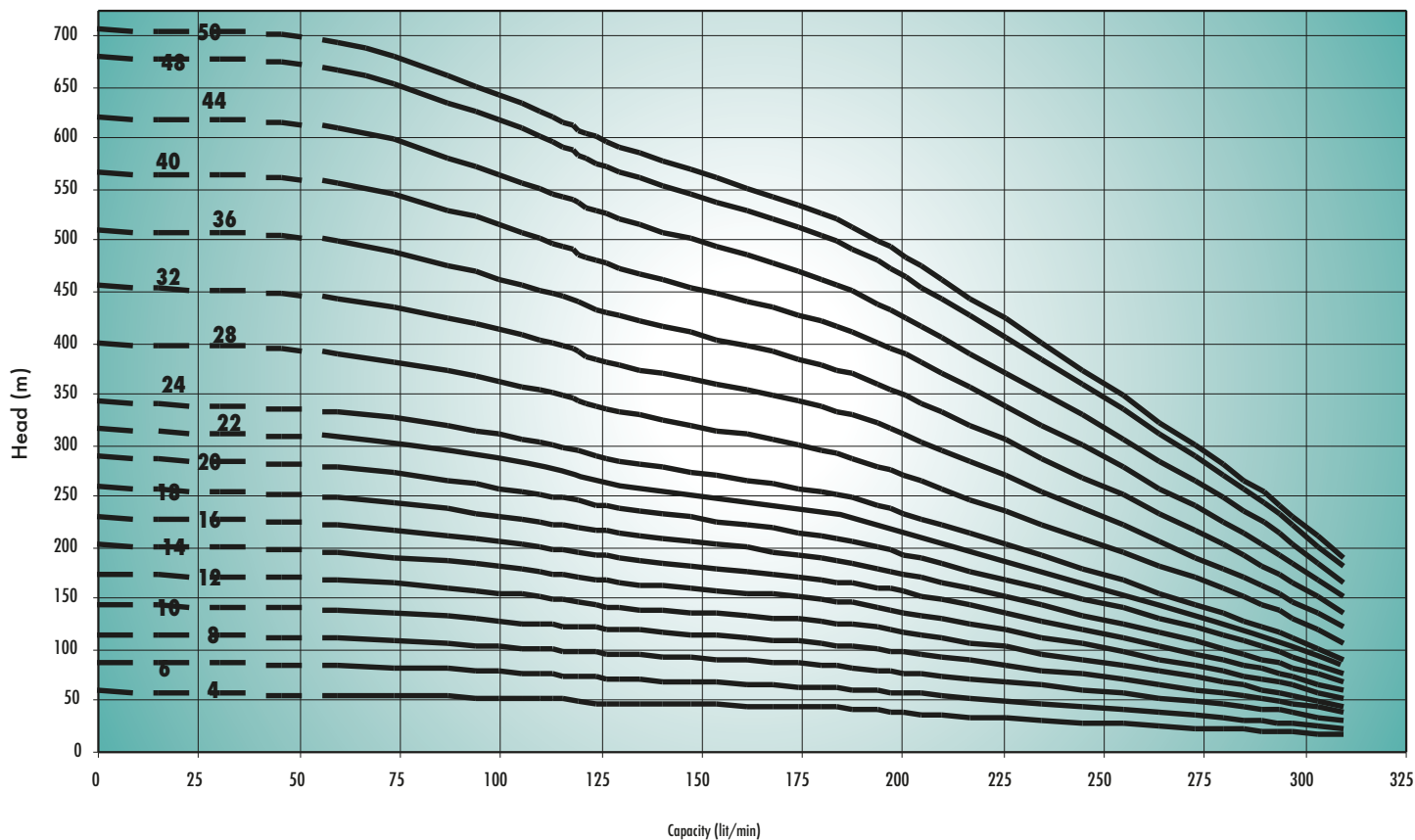
Advised application field

PUMP MODEL	D	L	G" *
SSIM 4-604/4	141	670	2" 1/2
SSIM 4-604/6	141	746	2" 1/2
SSIM 4-604/8	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	1355	2" 1/2
SSIM 604/24	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
SSIM 604/40	141	2058	2" 1/2
SSIM 604/44	141	2214	2" 1/2
SSIM 604/48	141	2370	2" 1/2
SSIM 604/50	141	2446	2" 1/2

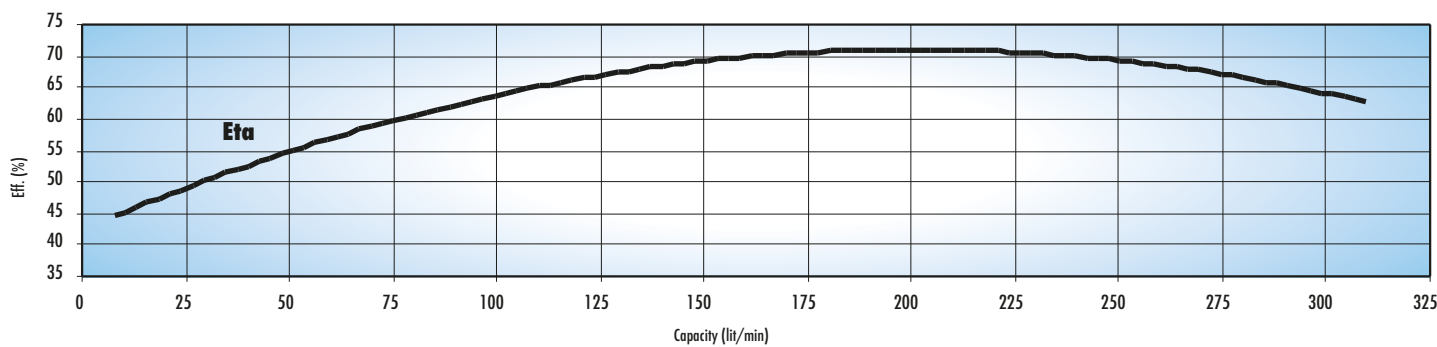
* 2" - 3" available too.



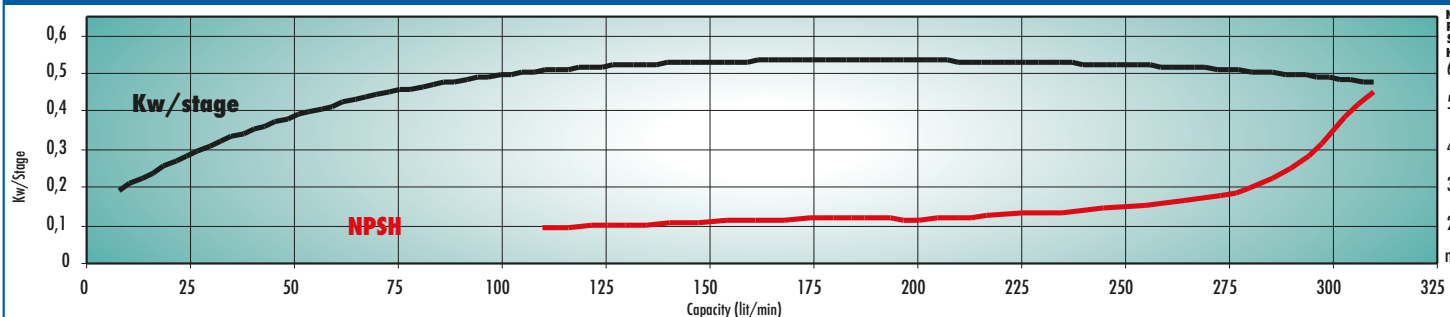
Performance curves SSIM 604 SERIE



Efficiency curve SSIM 604 serie



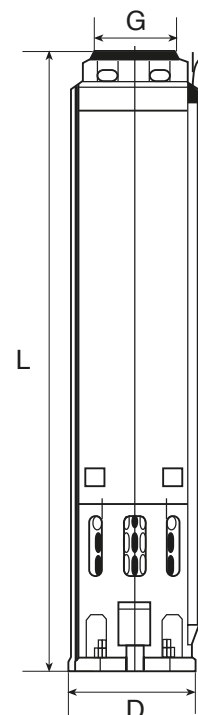
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	1	2	3	4,16	5,5	6,33	7
			Lit/min	60	120	180	250	330	380	420
	CBM/h	3,6	7,2	10,8	15	19,8	22,8	25,2		
	HP	KW								
SSIM 4-614/4	4	3		56	55	45	38	26	16	7
	5,5	4		70	68	56	48	32	20	8,5
SSIM 614/6	7,5	5,5		85	82	67	57	39	24	10
	7,5	5,5		113	110	90	76	52	32	14
SSIM 614/9	10	7,5		127	124	101	86	59	36	16
	10	7,5		156	151	124	105	72	44	19
SSIM 614/12	12,5	9,2		169	165	135	115	79	48	21
	12,5	9,2		198	192	157	134	92	56	25
SSIM 614/16	15	11		227	220	180	153	105	64	29
	20	15		255	245	203	172	118	72	32
SSIM 614/20	20	15		283	275	225	191	131	80	36
	25	18,5		340	330	270	229	157	96	44
SSIM 614/26	25	18,5		368	356	293	248	170	104	47
	30	22,0		424	413	338	287	196	120	54
SSIM 614/32	30	22		453	440	362	306	210	129	59
	35	26		510	495	406	344	236	145	65
SSIM 614/40	40	30		567	550	451	382	262	160	72
	40	30		595	578	473	401	275	168	76
SSIM 614/50	50	37		708	688	563	478	328	200	90

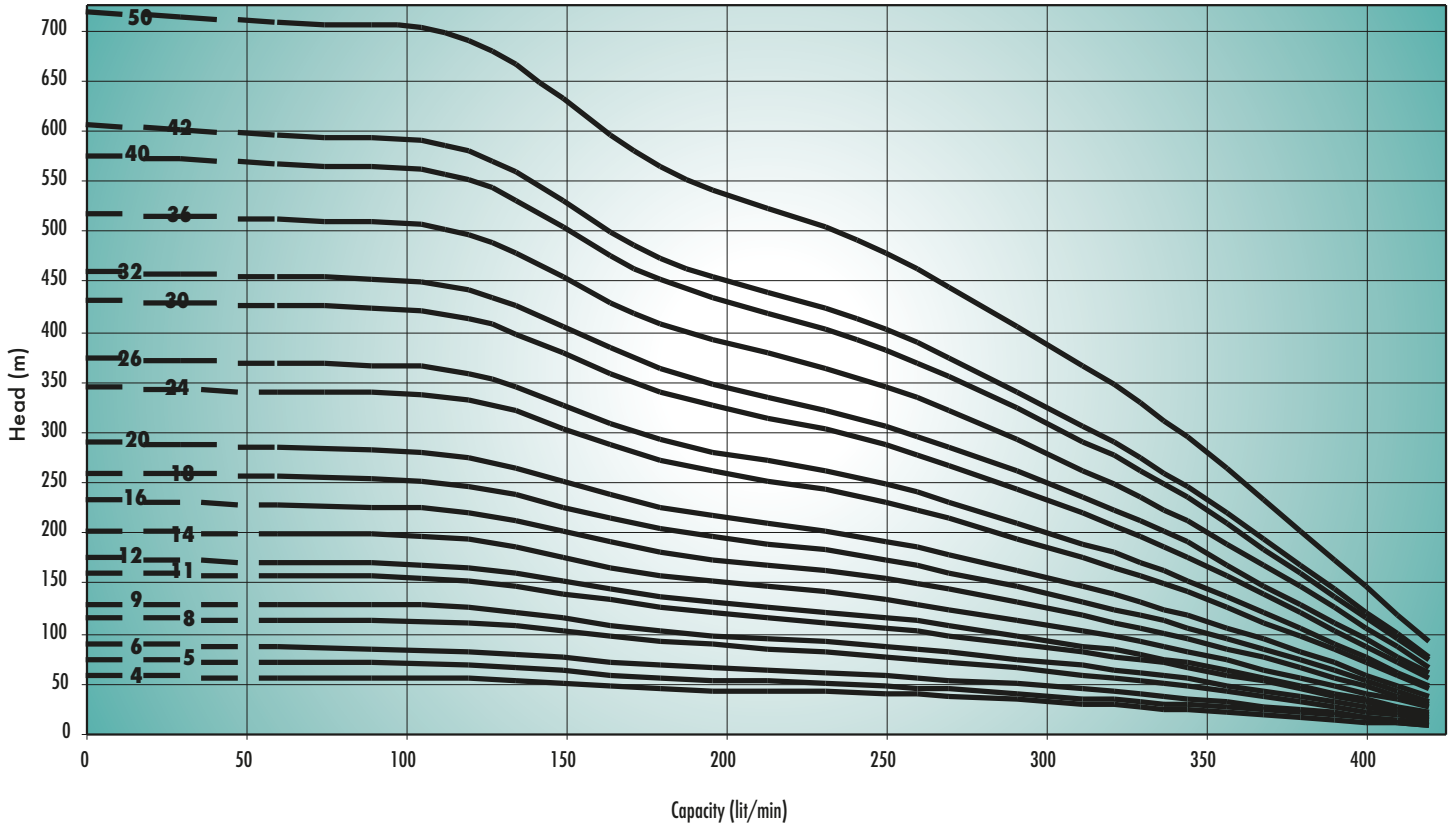
Advised application field

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
SSIM 614/32	141	1734	2" 1/2
SSIM 614/36	141	1886	2" 1/2
SSIM 614/40	141	2038	2" 1/2
SSIM 614/42	141	2114	2" 1/2
SSIM 614/50	141	2418	2" 1/2

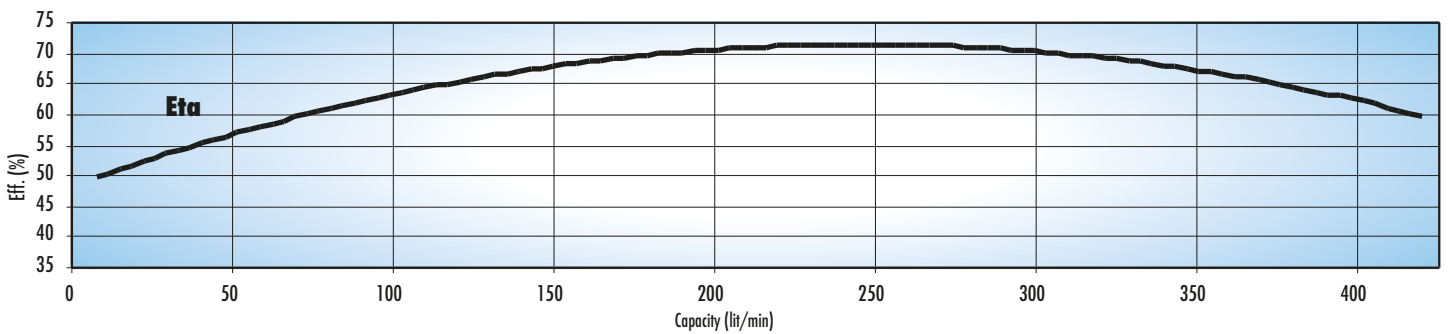


* 3" available too!

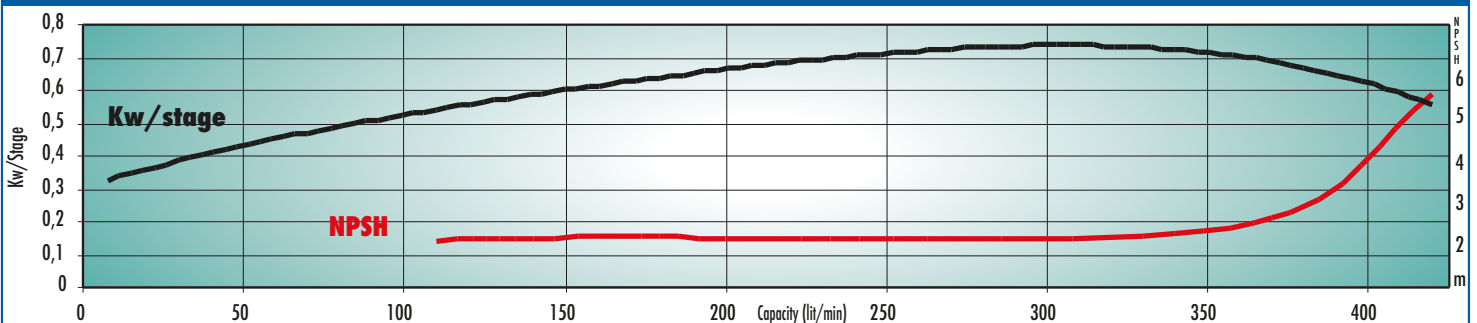
Performance curves SSIM 614 SERIE



Efficiency curve SSIM 614 serie



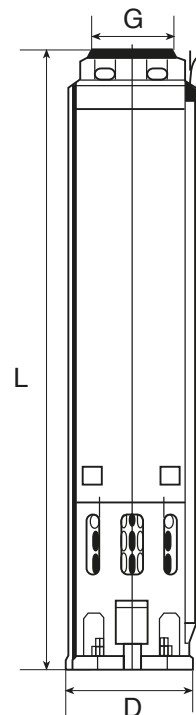
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	1,33	3,5	5,33	6,5	7,33	7,66	8,33
			Lit/min	80	210	320	390	440	460	500
	CBM/h	4,8	12,6	19,2	23,4	26,4	27,6	30		
	HP	KW								
SSIM 4-624/4	5,5	4	55	50	40	30	20	16	6	
SSIM 624/5	7,5	5,5	68	62	50	37	25	20	8	
SSIM 624/7	10	7,5	96	87	70	52	35	28	11	
SSIM 624/8	10	7,5	110	100	80	60	40	32	13	
SSIM 624/9	12,5	9,2	123	112	90	67	45	36	15	
SSIM 624/10	15	11	137	125	100	75	50	40	16	
SSIM 624/11	15	11	151	137	110	82	55	44	18	
SSIM 624/13	20	15	178	162	130	98	65	52	21	
SSIM 624/14	20	15	192	175	140	105	70	56	23	
SSIM 624/16	25	18,5	219	200	160	120	80	64	25,5	
SSIM 624/18	25	18,5	247	225	180	135	90	72	28	
SSIM 624/21	30	22	289	262	210	158	105	84	33,5	
SSIM 624/23	30	22	315	288	230	173	120	92	37	
SSIM 624/26	35	26	356	325	260	195	135	104	41,5	
SSIM 624/28	40	30	392	350	280	210	145	112	45	
SSIM 624/36	50	37	493	450	360	270	180	144	57,5	
SSIM 624/42	60	44	575	525	420	315	210	168	67	
SSIM 624/45	60	44	617	562	450	338	225	180	72	

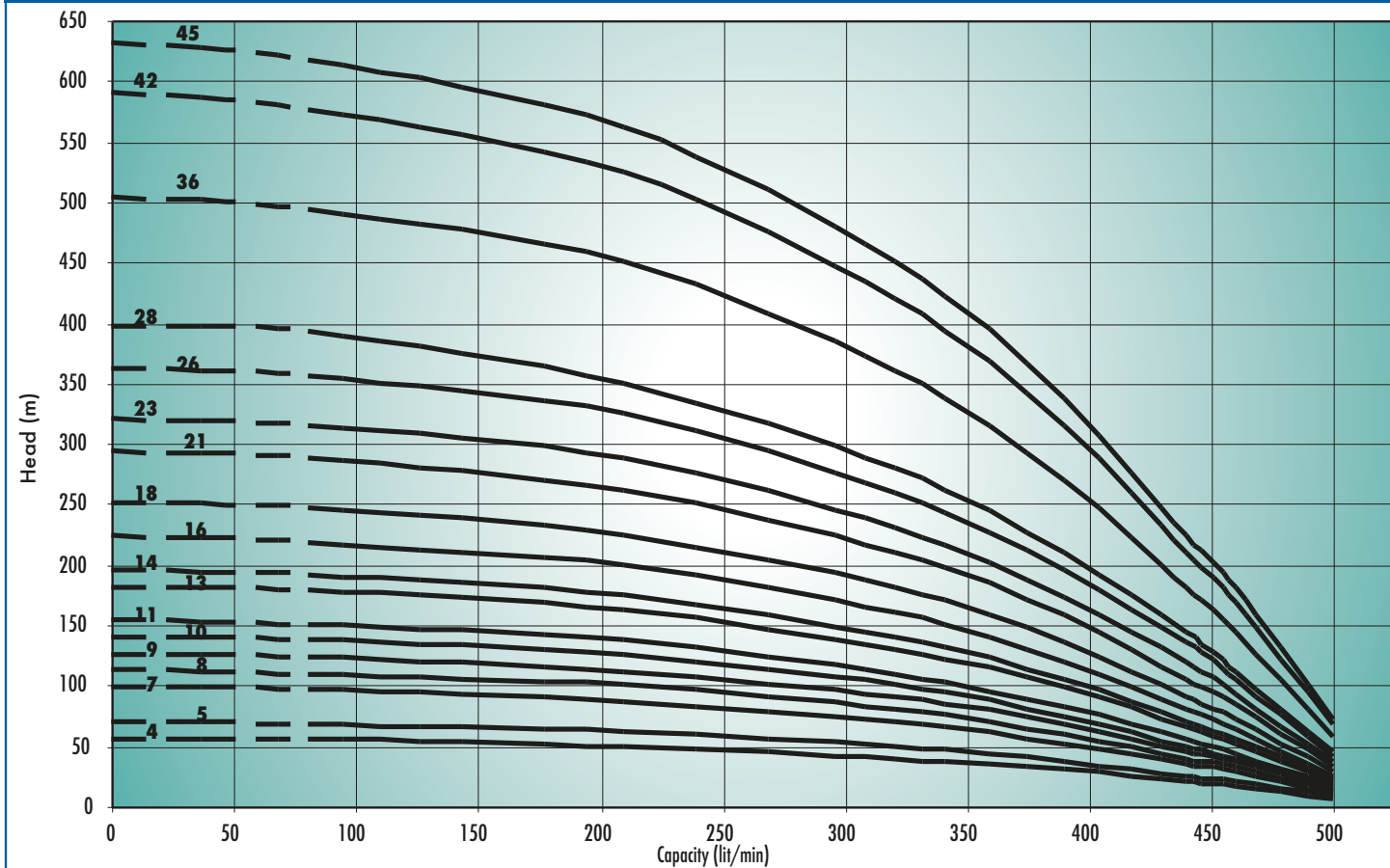
Advised application field

PUMP MODEL	D	L	G" *
SSIM 4-624/4	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
SSIM 624/23	141	1513	2" 1/2
SSIM 624/26	141	1639	2" 1/2
SSIM 624/28	141	1723	2" 1/2
SSIM 624/36	141	2059	2" 1/2
SSIM 624/42	141	2311	2" 1/2
SSIM 624/45	141	2437	2" 1/2

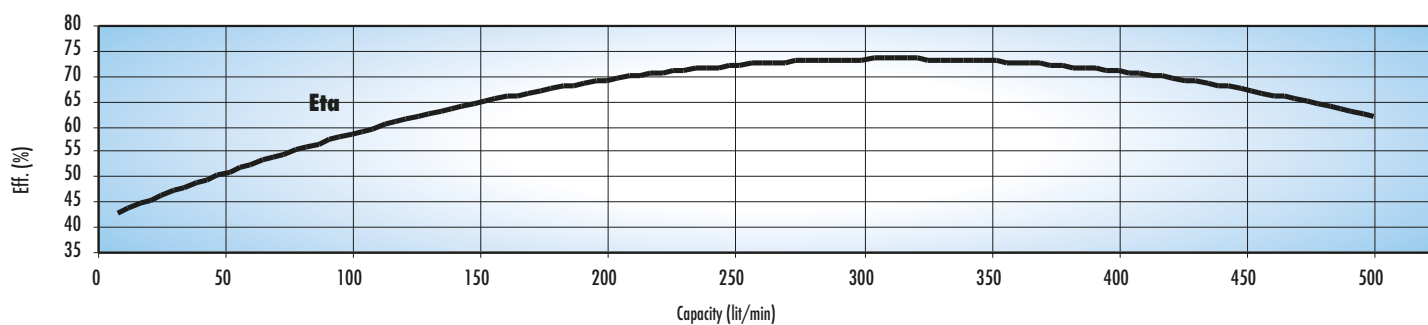


* 3" available too!

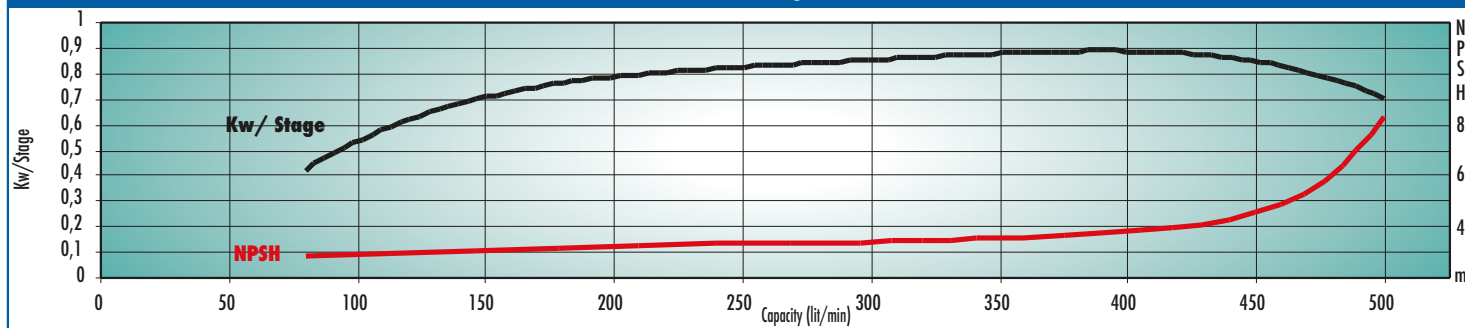
Performance curves SSIM 624 SERIE



Efficiency curve SSIM 624 serie



NPSH + Kw/stage curves

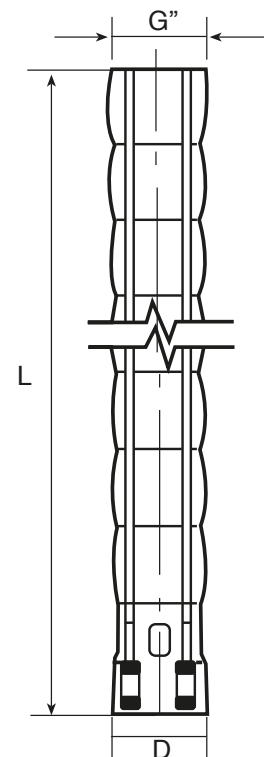


PUMP MODEL	POWER		Lit/sec	1,7	3,83	6,3	7,5	9,5	10,83	11,97	14,17
			Lit/min	100	230	380	450	570	650	718	850
	CBM/h	6	13,8	22,8	27	34,2	39	43,08	51		
HP	KW										
SSIM 4-627-2	4	3	27	24	22	20	18,5	17	16	12	
SSIM 4-627-3	5,5	4	39	36	33	30	27	25,5	24	18	
SSIM 627-4	7,5	5,5	52	48	45	40	36	34	32	24	
SSIM 627-6	10	7,5	79	72	67	60	55	51	48	36	
SSIM 627-9	15	11	118	108	100	90	81	76	72	54	
SSIM 627-12	20	15	156	144	132	120	109	103	96	72	
SSIM 627-15	25	18,5	195	180	165	150	136	128	120	90	
SSIM 627-18	30	22	234	216	198	180	163	154	144	108	
SSIM 627-20	30	22	260	240	220	200	182	171	160	120	
SSIM 627-24	35	26	312	288	265	240	218	205	192	144	
SSIM 627-28	40	30	364	336	309	280	254	239	224	168	
SSIM 627-32	50	37	416	384	353	320	290	273	256	192	
SSIM 627-36	60	44	468	432	397	360	327	307	288	216	
SSIM 627-40	60	44	520	480	441	400	363	341	320	240	

Advised application field

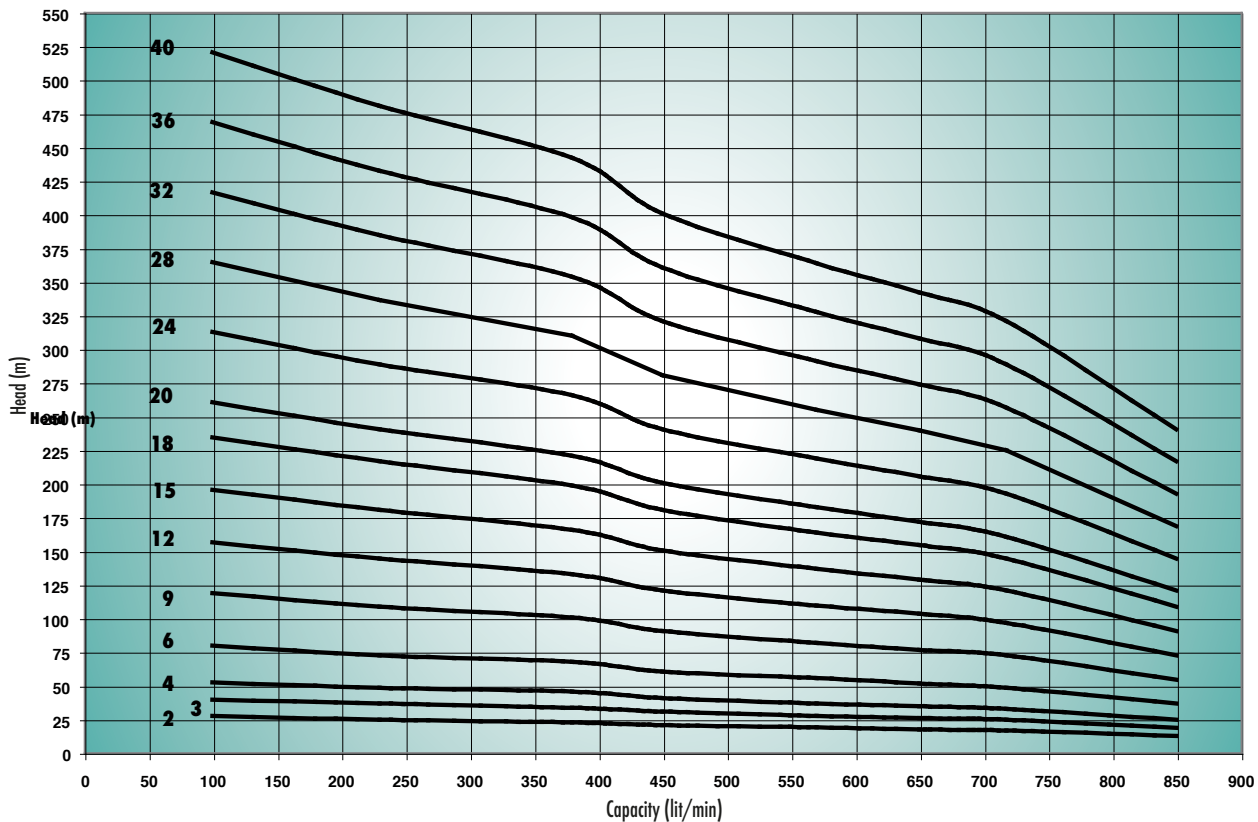
PUMP MODEL	D	L	G" *
SSIM 4-627-2	141	697	3
SSIM 4-627-3	141	808	3
SSIM 627-4	141	919	3
SSIM 627-6	141	1140	3
SSIM 627-9	141	1473	3
SSIM 627-12	141	1806	3
SSIM 627-15	141	2139	3
SSIM 627-18	141	2472	3
SSIM 627-20	141	2694	3
SSIM 627-24	141	3138	3
SSIM 627-28	141	3582	3
SSIM 627-32	141	4026	3
SSIM 627-36	141	4470	3
SSIM 627-40	141	4914	3

* 4" available too!

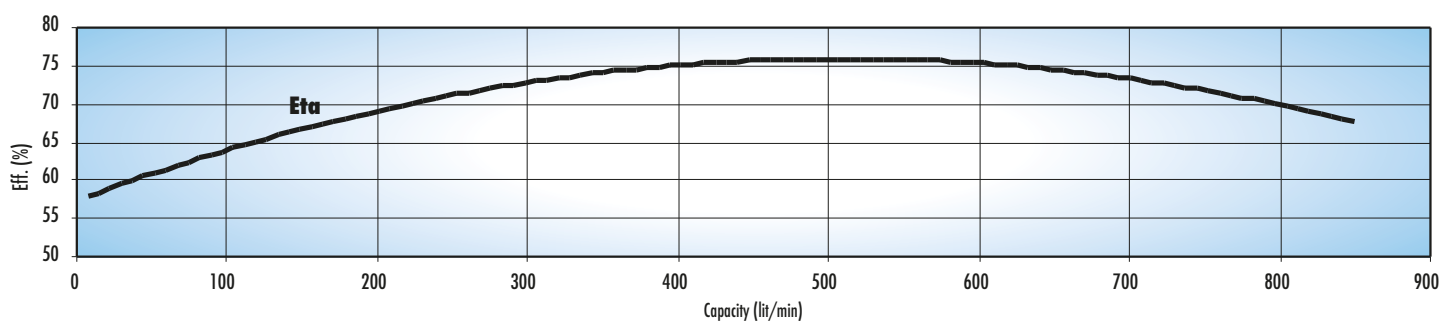


OPTIONAL USCITA 4" - OPTIONAL OUTLET 4"
OPCIONAL SALIDA 4" - EN OPTION, SORTIE 4"

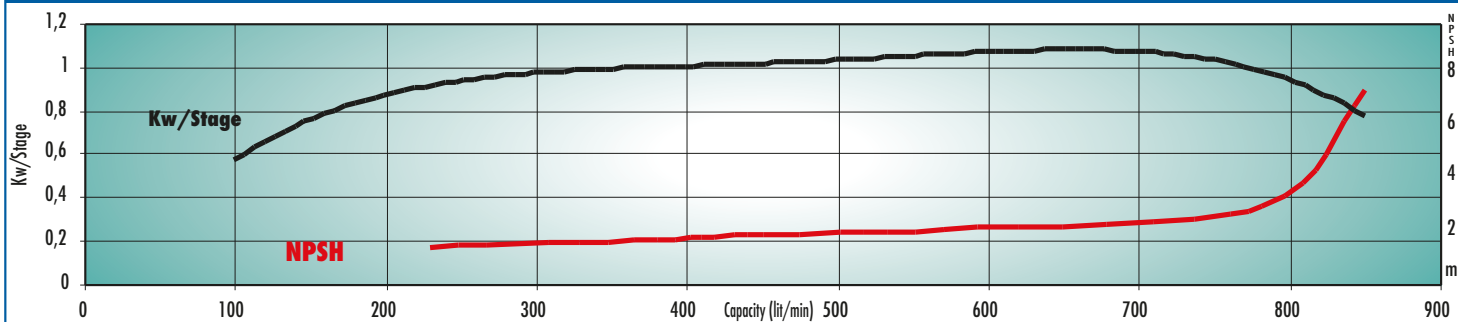
Performance curves SSIM 627 SERIE



Efficiency curve SSIM 627 serie



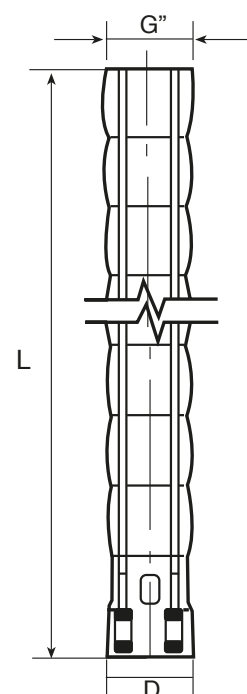
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	2,17	4,17	6,7	9,17	11,17	13,3	15,5	16,7
	HP	KW	Lit/min	130	250	400	550	670	800	930	1000
			CBM/h	7,8	15	24	33	40,2	48	55,8	60
SSIM 4-640-2	4	3		25	24	23	21	18	15	11	9
SSIM 4-640-3	5,5	4		39	37	35	32	28	24	18	15
SSIM 640-4	7,5	5,5		52	50	47	43	38	32	25	21
SSIM 640-5	10	7,5		65	62	58	53	47	40	30	26
SSIM 640-6	12,5	9,2		78	74	69	63	57	48	36	31
SSIM 640-7	15	11		91	87	81	74	66	56	43	37
SSIM 640-8	15	11		105	99	93	86	77	65	50	43
SSIM 640-9	17,5	13		118	112	105	97	87	73	57	49
SSIM 640-10	20	15		131	124	116	107	95	81	62	54
SSIM 640-11	25	18,5		144	136	129	119	107	90	70	61
SSIM 640-12	25	18,5		157	149	140	129	115	98	76	66
SSIM 640-14	30	22		182	173	163	150	134	114	88	76
SSIM 640-15	30	22		195	185	175	159	143	122	94	81
SSIM 640-16	30	22		212	199	187	173	155	131	101	87
SSIM 640-17	35	26		225	211	198	182	163	139	107	93
SSIM 640-18	35	26		238	225	211	195	175	148	114	100
SSIM 640-20	40	30		262	254	239	222	200	172	135	118
SSIM 640-22	40	30		288	275	262	242	219	188	147	129
SSIM 640-24	50	37		314	301	284	263	237	203	159	139
SSIM 640-26	50	37		340	326	307	284	256	219	172	150
SSIM 640-28	60	40		366	351	331	306	276	236	185	162
SSIM 640-30	60	40		392	376	355	328	296	253	198	173

Advised application field

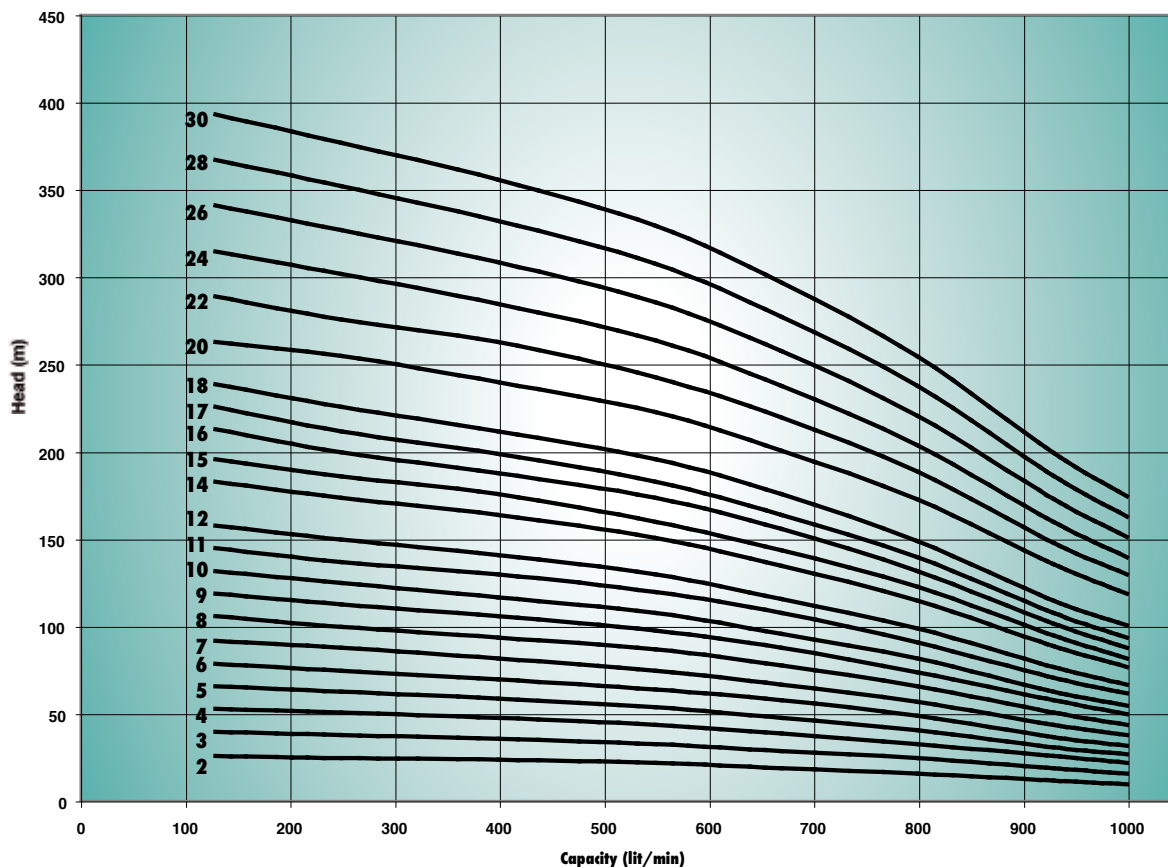
PUMP MODEL	D	L	G"
SSIN 4-640-2	141	700	3
SSIN 4-640-3	141	811	3
SSIN 640-4	141	920	3
SSIN 640-5	141	1029	3
SSIN 640-6	141	1142	3
SSIN 640-7	141	1251	3
SSIN 640-8	141	1362	3
SSIN 640-9	141	1473	3
SSIN 640-10	141	1584	3
SSIN 640-11	141	1695	3
SSIN 640-12	141	1806	3
SSIN 640-14	141	2028	3
SSIN 640-15	141	2139	3
SSIN 640-16	141	2250	3
SSIN 640-17	141	2361	3
SSIN 640-18	141	2472	3
SSIN 640-20	141	2694	3
SSIN 640-22	141	2916	3
SSIN 640-24	141	3138	3
SSIN 640-26	141	3399	3
SSIN 640-28	141	3661	3
SSIN 640-30	141	3922	3



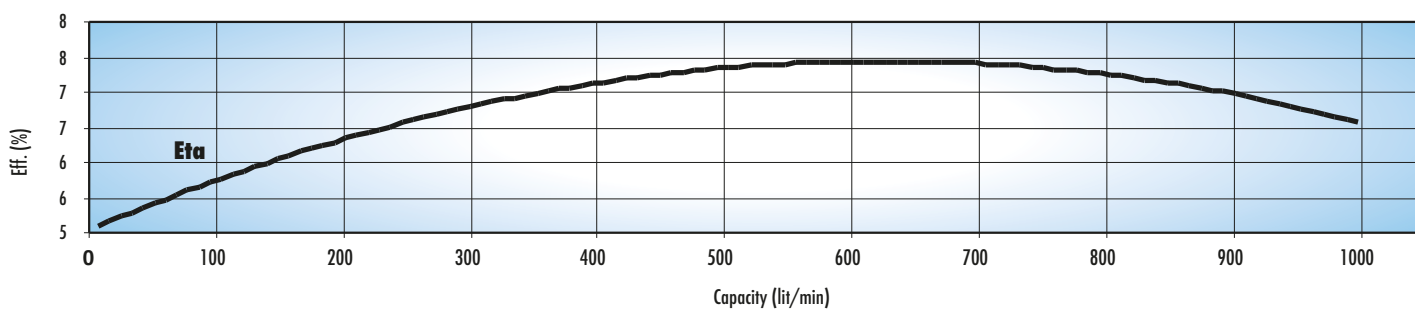
OPTIONAL USCITA 4" - OPTIONAL OUTLET 4"
OPCIONAL SALIDA 4" - EN OPTION, SORTIE 4"

* 4" available too!

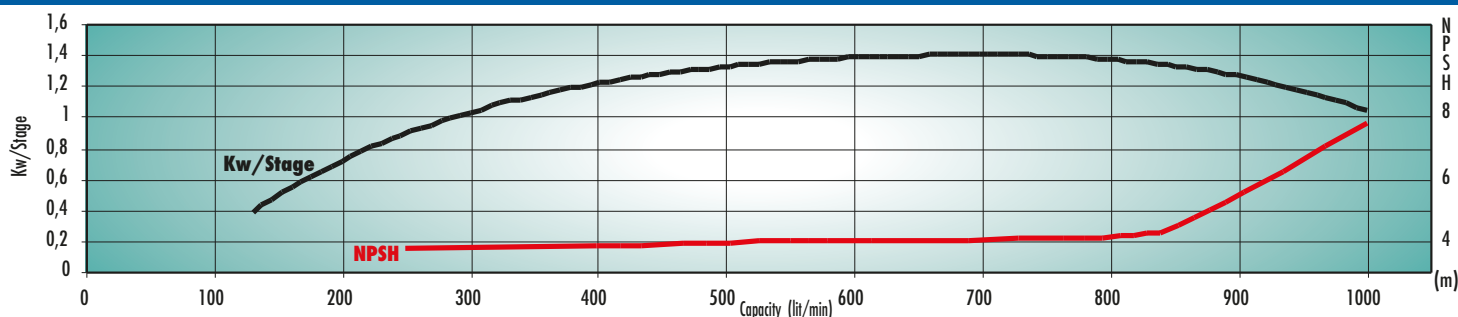
Performance curves SSIM 640 SERIE



Efficiency curve SSIM 640 serie



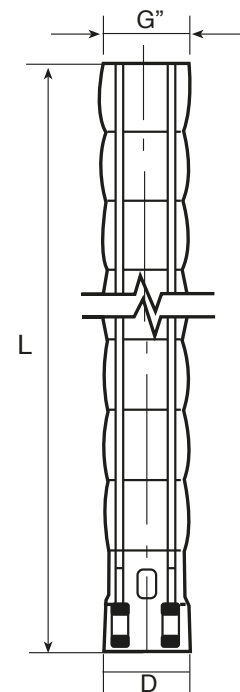
NPSH + Kw/stage curves



PUMP MODEL	POWER		Flow								
			Lit/sec	3	7,33	8,33	11,3	15	17,7	20	20,8
	HP	KW	Lit/min	10,8	26,4	30	40,8	54	63,6	72	75
SSIM 4-660/2	5,5	4	28	27	25	23	20	16	12	7	5
SSIM 4-660/3	7,5	5,5	42	41	38	35	30	24	18	11	8
SSIM 660/4	10	7,5	56	54	50	46	40	32	24	14	10
SSIM 660/5	12,5	9,2	70	68	63	58	50	40	30	18	13
SSIM 660/6	15	11	84	81	75	69	60	48	36	21	15
SSIM 660/7	17,5	13	98	95	88	81	70	56	42	25	18
SSIM 660/8	17,5	13	112	108	100	92	80	64	48	28	20
SSIM 660/9	20	15	126	122	113	104	90	72	54	32	23
SSIM 660/10	25	18,5	140	135	125	115	100	80	60	35	25
SSIM 660/11	30	22	154	149	138	127	110	88	66	39	28
SSIM 660/12	30	22	168	162	150	138	120	96	72	42	30
SSIM 660/13	35	26	182	176	163	150	130	104	78	46	33
SSIM 660/14	35	26	196	189	175	161	140	112	84	49	35
SSIM 660/15	35	26	210	203	188	173	150	120	90	53	38
SSIM 660/16	40	30	224	216	200	184	160	128	96	56	40
SSIM 660/17	40	30	238	230	213	196	170	136	102	60	43
SSIM 660/18	50	37	252	243	225	207	180	144	108	63	45
SSIM 660/19	50	37	266	257	238	219	190	152	114	67	48
SSIM 660/20	50	37	280	270	250	230	200	160	120	70	50
SSIM 660/21	50	37	294	284	263	242	210	168	126	74	53
SSIM 660/22	60	45	308	297	275	253	220	176	132	77	55
SSIM 660/23	60	45	322	311	288	265	230	184	138	81	58
SSIM 660/24	60	45	336	324	300	276	240	192	144	84	60

Advised application field

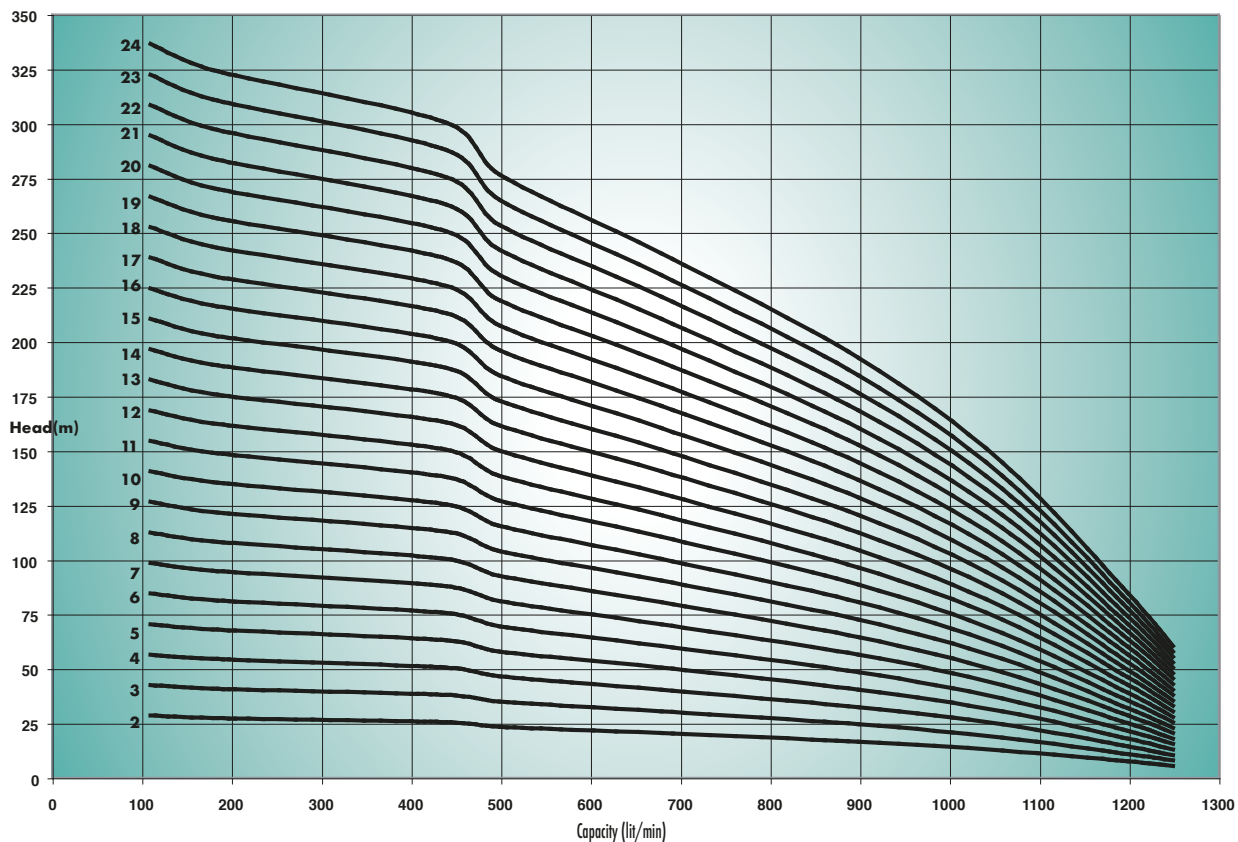
PUMP MODEL	D	L	G"
SSIM 4-660/2	141	700	3
SSIM 4-660/3	141	811	3
SSIM 660/4	141	922	3
SSIM 660/5	141	1033	3
SSIM 660/6	141	1144	3
SSIM 660/7	141	1255	3
SSIM 660/8	141	1366	3
SSIM 660/9	141	1477	3
SSIM 660/10	141	1588	3
SSIM 660/11	141	1699	3
SSIM 660/12	141	1810	3
SSIM 660/13	141	1921	3
SSIM 660/14	141	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
SSIM 660/19	141	2587	3
SSIM 660/20	141	2698	3
SSIM 660/21	141	2809	3
SSIM 660/22	141	2920	3
SSIM 660/23	141	3031	3
SSIM 660/24	141	3142	3



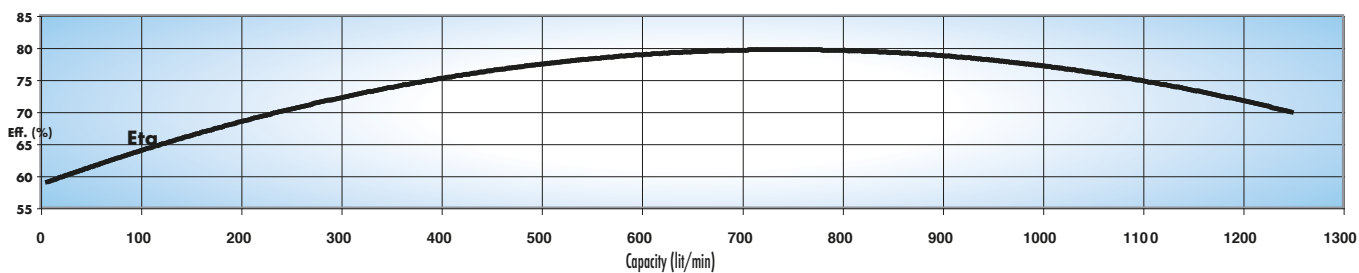
OPTIONAL USCITA 4" - OPTIONAL OUTLET 4"
OPCIONAL SALIDA 4" - EN OPTION, SORTIE 4"

* 4" available too!

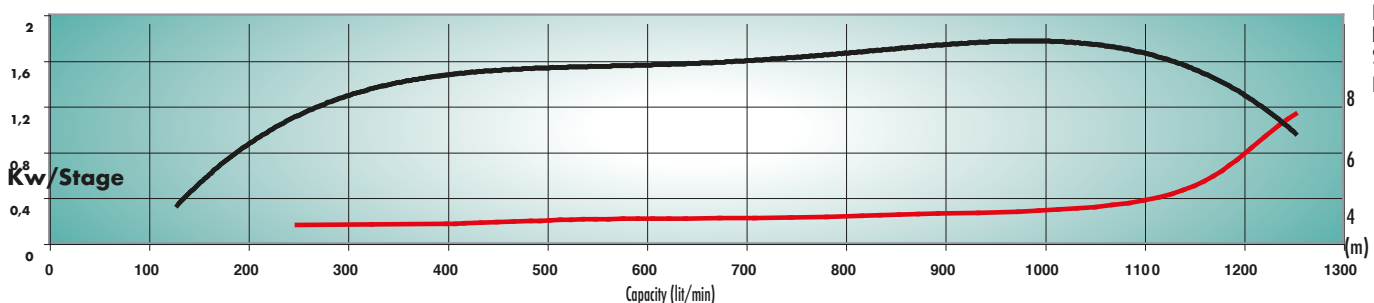
Performance SSIM Serie 660



Efficiency curve SSIM 660 serie



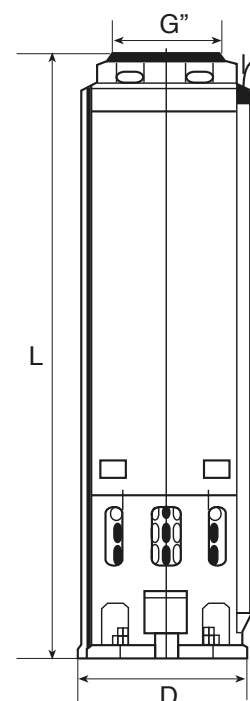
NPSH+ Kw/Stage



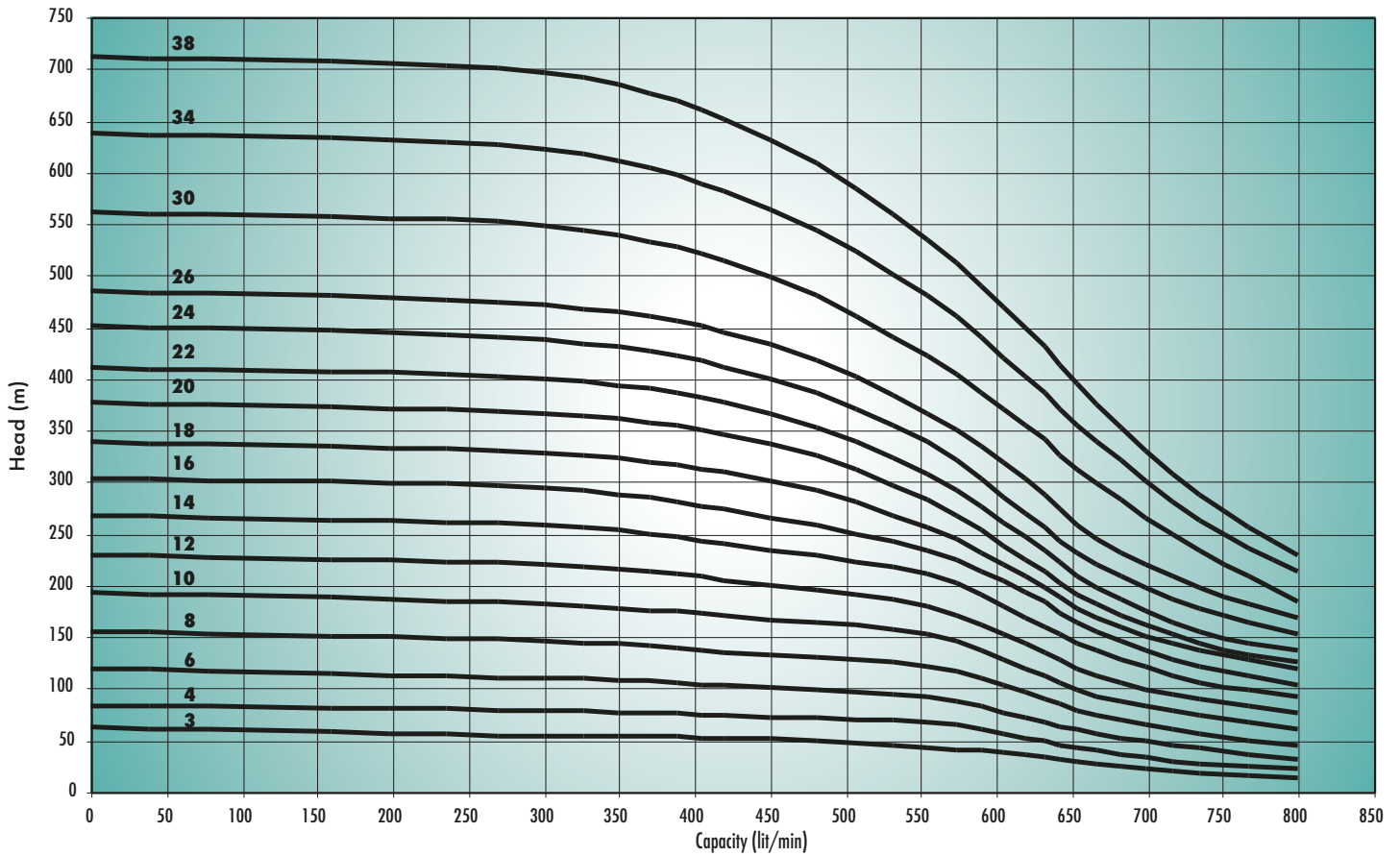
PUMP MODEL	POWER		Lit/sec	2,5	4,33	6,66	8,83	11	13,3	15,6
			Lit/min	300	450	554	620	667	730	800
			CBM/h	18	27	33,2	37,2	40	43,8	48
HP	KW									
SSIM 6-830/3	7,5	5,5		55	51	43	35,5	27	19	14
SSIM 6-830/4	10	7,5		78	72	67	52	40	28	22
SSIM 6-830/6	15	11		111	100	92	72	60	42	30
SSIM 6-830/8	20	15		147	133	122	96	73	56	44
SSIM 6-830/10	25	18,5		183	166	152	118	92	75	60
SSIM 6-830/12	30	22		219	200	180	143	113	90	76
SSIM 830/14	40	30		258	234	210	168	136	106	93
SSIM 830/16	40	30		294	266	234	192	155	122	104
SSIM 830/18	50	37		328	302	267	212	172	136	118
SSIM 830/20	50	37		366	332	280	236	200	140	132
SSIM 830/22	60	45		400	366	308	240	190	154	134
SSIM 830/24	75	55		438	400	339	269	219	178	153
SSIM 830/26	75	55		471	433	365	303	244	198	169
SSIM 830/30	100	75		549	498	423	354	298	233	185
SSIM 830/34	100	75		622	564	480	402	340	263	213
SSIM 830/38	100	75		695	630	535	448	375	288	228

Advised application field

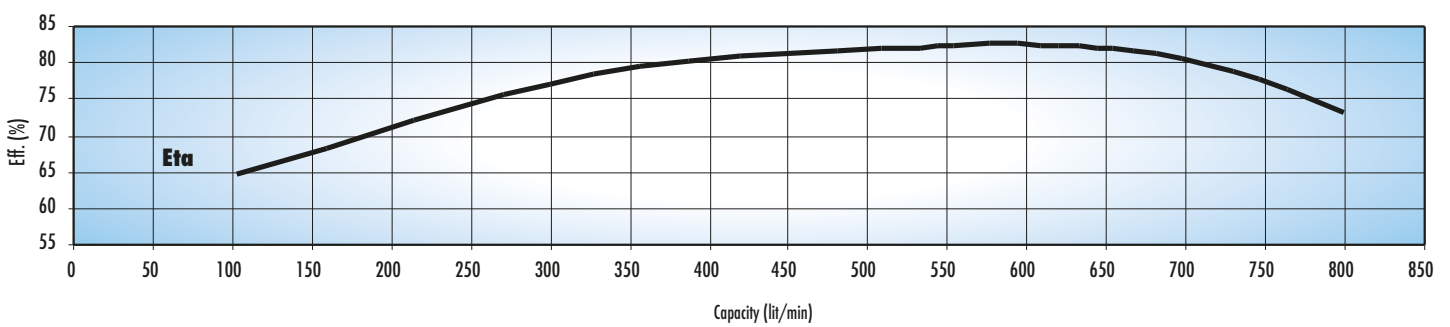
PUMP MODEL	D	L	G"
SSIM 6-830/3	168	644	4"
SSIM 6-830/4	168	692	4"
SSIM 6-830/6	168	788	4"
SSIM 6-830/8	168	884	4"
SSIM 6-830/10	168	980	4"
SSIM 6-830/12	168	1076	4"
SSIM 830/14	168	1172	4"
SSIM 830/16	168	1268	4"
SSIM 830/18	168	1364	4"
SSIM 830/20	168	1460	4"
SSIM 830/22	168	1556	4"
SSIM 830/24	168	1652	4"
SSIM 830/26	168	1748	4"
SSIM 830/30	168	1940	4"
SSIM 830/34	168	2132	4"
SSIM 830/38	168	2324	4"



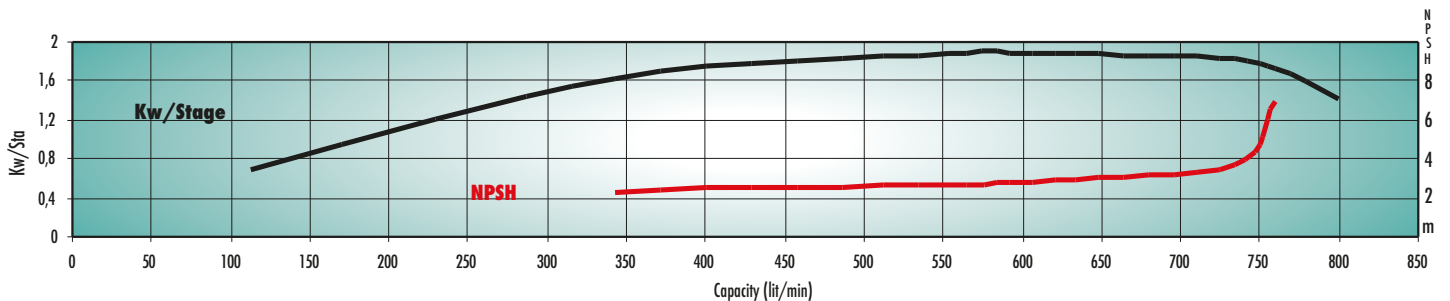
Performance curves SSIM 830 SERIE



Efficiency curve SSIM 830 serie



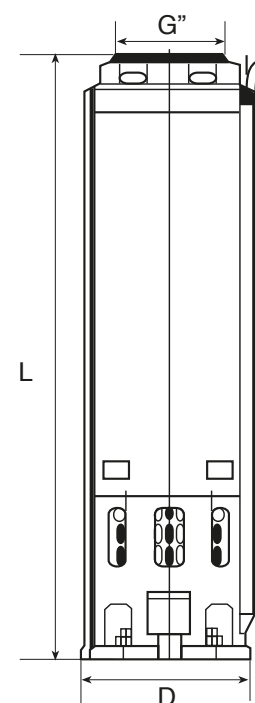
NPSH + Kw/stage curves



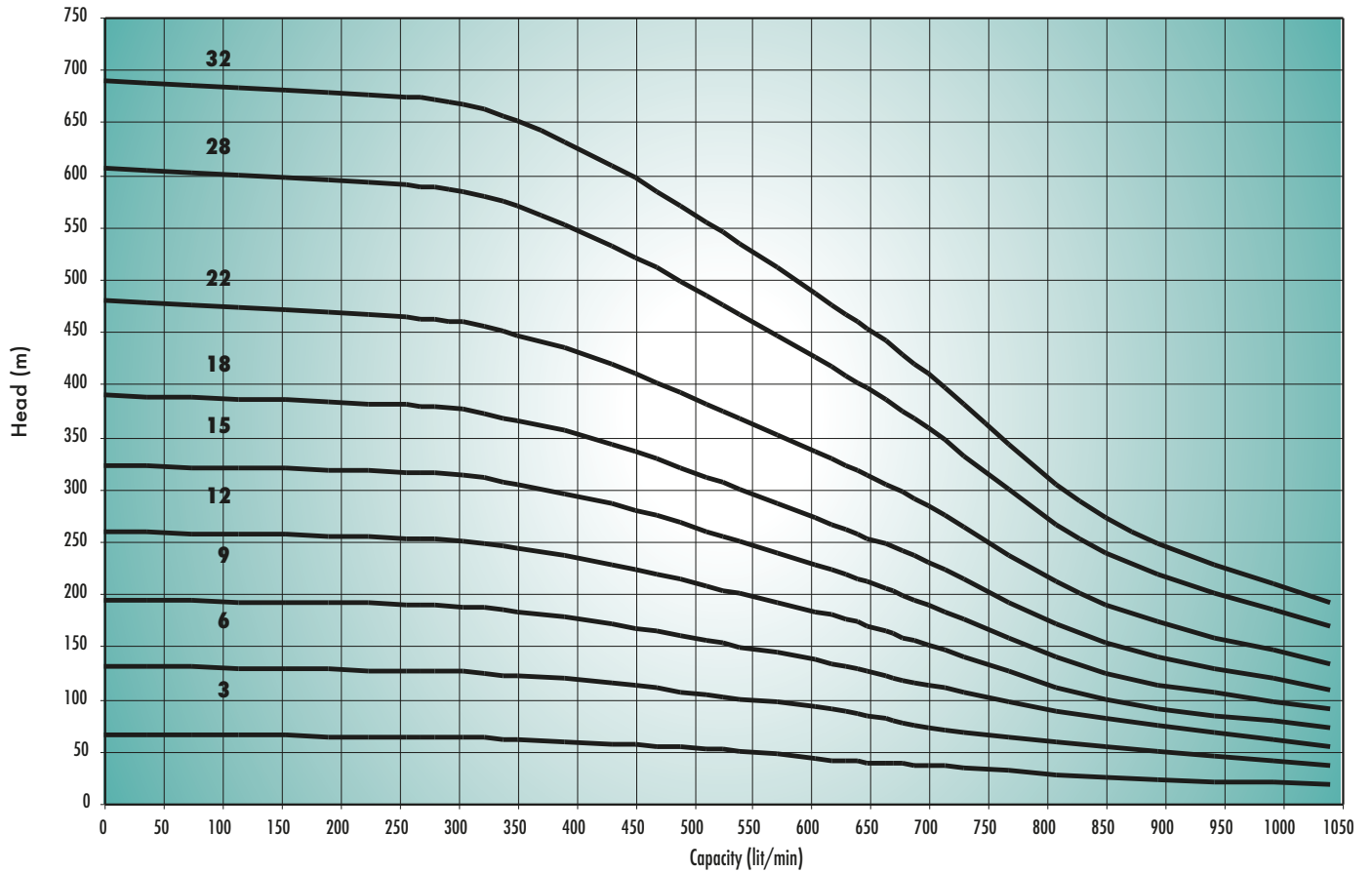
PUMP MODEL	POWER		Lit/sec	2,5	4,33	6,66	8,83	11	13,3	15,6	17,3
			Lit/min	280	350	430	510	630	700	850	1040
			CBM/h	18	27	33,2	37,2	40	43,8	48	62,4
HP	KW										
SSIM 6-842/3	12,5	9,2		63	61	57	52	41	36	25	18
SSIM 6-842/6	20	15		126	121	114	103	87	73	55	36
SSIM 6-842/9	30	22		189	182	171	155	131	113	80	54
SSIM 842/12	40	30		252	243	228	207	175	152	100	72
SSIM 842/15	50	37		315	304	285	259	219	190	125	90
SSIM 842/18	60	44		378	365	342	311	262	230	154	108
SSIM 842/22	75	50		462	447	418	381	321	283	189	132
SSIM 842/28	100	75		588	569	532	485	408	358	238	168
SSIM 842/32	125	92		672	650	608	554	467	409	272	192

Advised application field

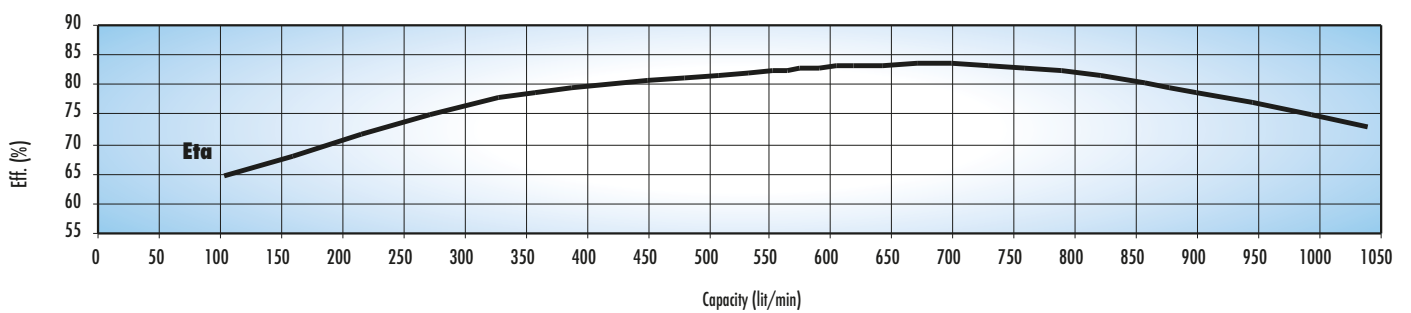
PUMP MODEL	D	L	G"
SSIM 6-842/3	168	644	4"
SSIM 6-842/6	168	788	4"
SSIM 6-842/9	168	932	4"
SSIM 842/12	168	1076	4"
SSIM 842/15	168	1220	4"
SSIM 842/18	168	1364	4"
SSIM 842/22	168	1569	4"
SSIM 842/28	168	1857	4"
SSIM 842/32	168	2049	4"



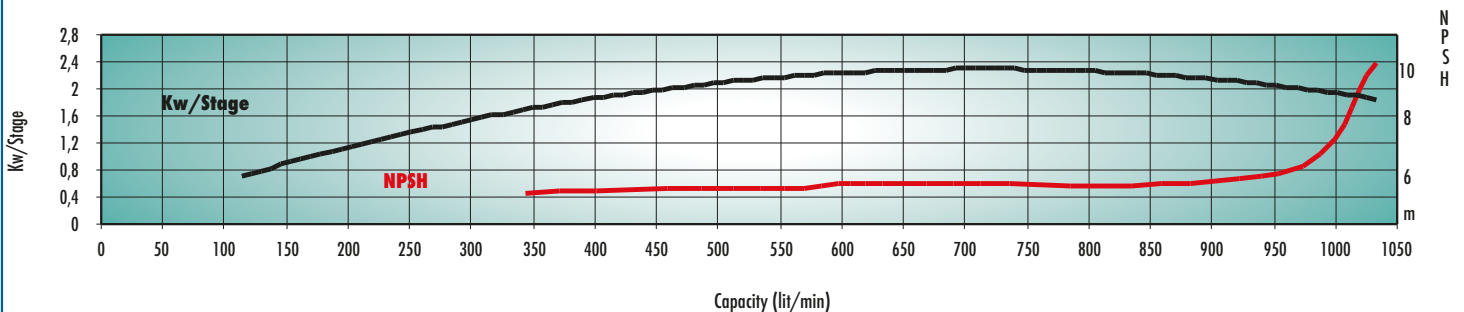
Performance curves SSIM 842 SERIE



Efficiency curve SSIM 842 serie



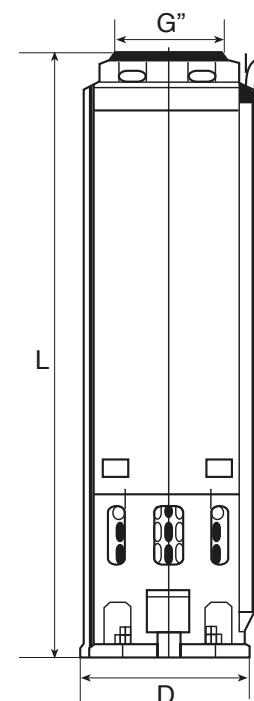
NPSH + Kw/stage curves



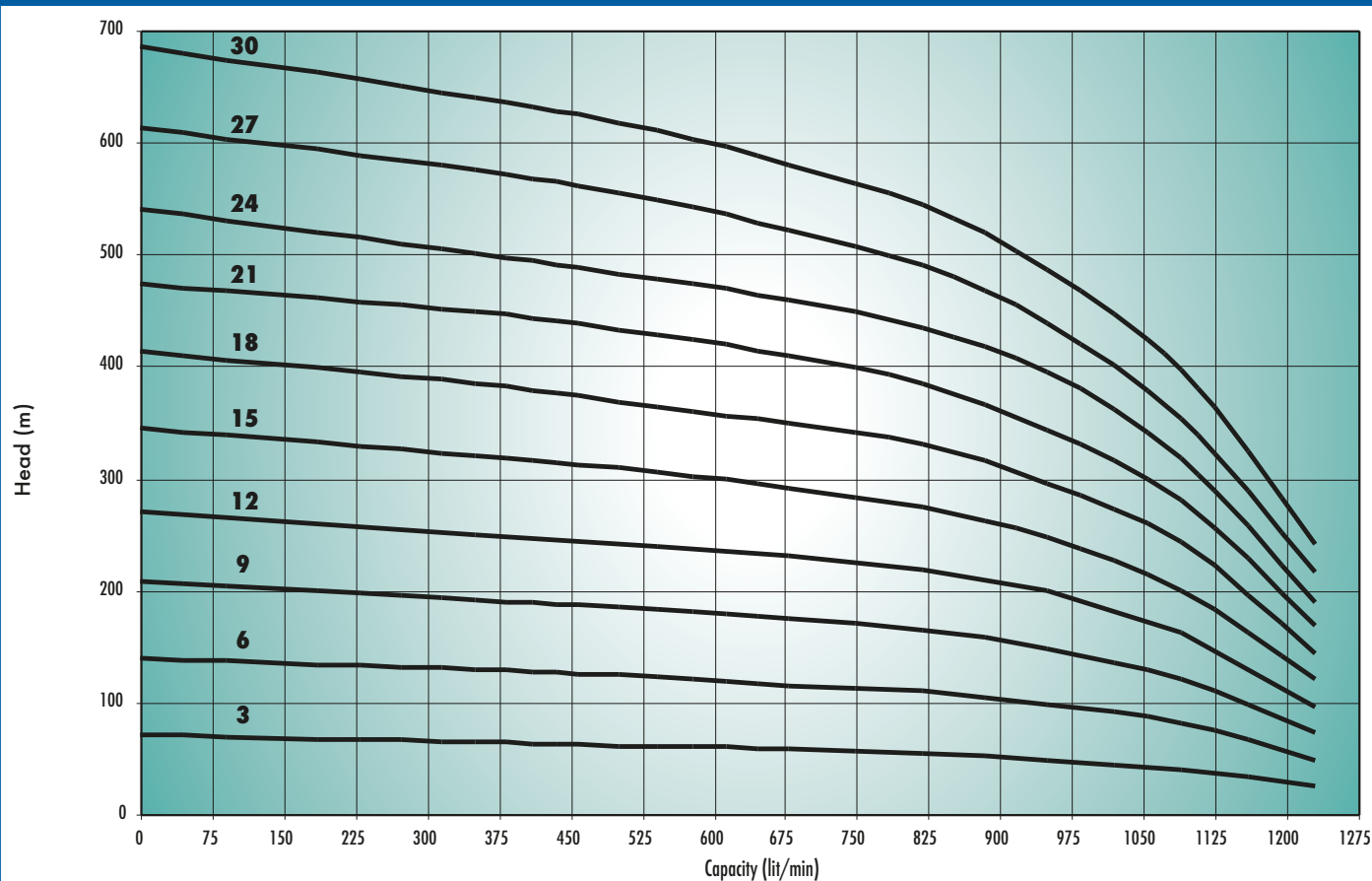
PUMP MODEL	POWER		Lit/sec	5,83	9	11,3	13,6	15,8	18,2	20,5
	HP	KW	Lit/min	350	540	680	820	950	1090	1230
			CBM/h	21	32,4	40,8	49,2	57	65,4	73,8
SSIM 6-860/3	15	11		64	61	58	55	48	40	24
SSIM 6-860/6	30	22		128	122	115	110	97	80	48
SSIM 860/9	50	37		192	183	174	165	148	121	72
SSIM 860/12	60	40		250	239	230	219	200	161	95
SSIM 860/15	75	55		320	305	290	275	248	200	120
SSIM 860/18	100	75		384	363	348	330	294	242	144
SSIM 860/21	100	75		448	427	409	385	343	280	168
SSIM 860/24	100	75		500	478	460	435	394	317	190
SSIM 860/27	125	93		576	549	522	491	438	354	216
SSIM 860/30	125	93		640	610	580	544	486	396	240

Advised application field

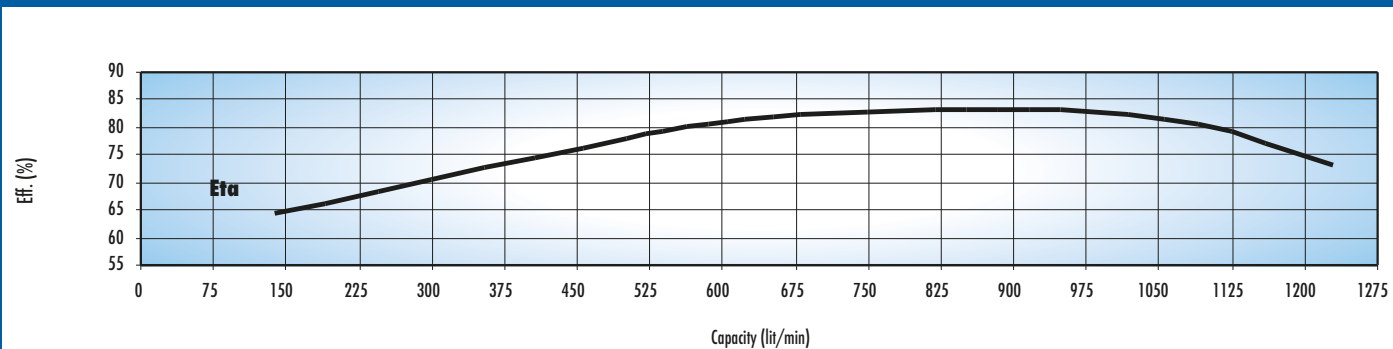
PUMP MODEL	D	L	G"
SSIM 6-860/3	168	662	4"
SSIM 6-860/6	168	824	4"
SSIM 860/9	168	986	4"
SSIM 860/12	168	1148	4"
SSIM 860/15	168	1310	4"
SSIM 860/18	168	1472	4"
SSIM 860/21	168	1634	4"
SSIM 860/24	168	1796	4"
SSIM 860/27	168	1958	4"
SSIM 860/30	168	2120	4"



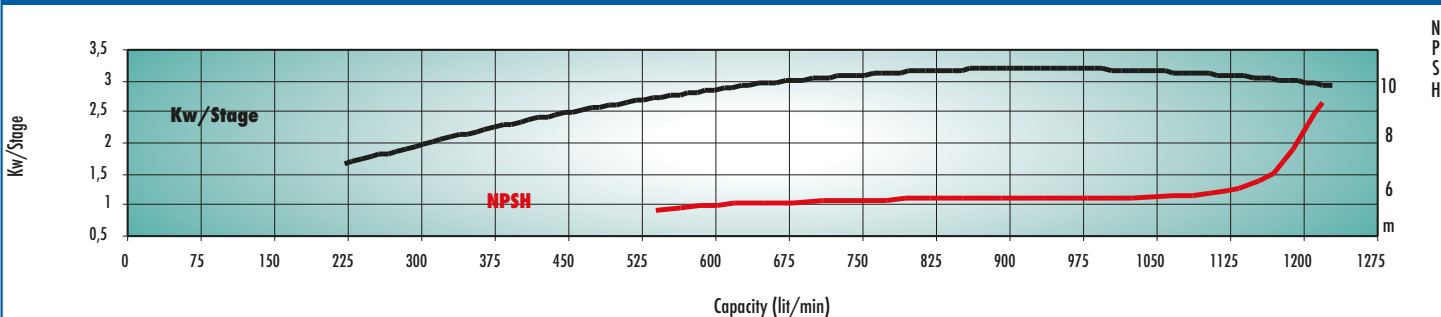
Performance curves SSIM 860 SERIE



Efficiency curve SSIM 860 serie



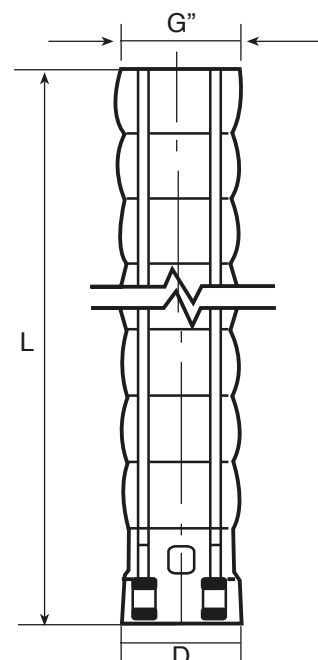
NPSH + Kw/stage curves



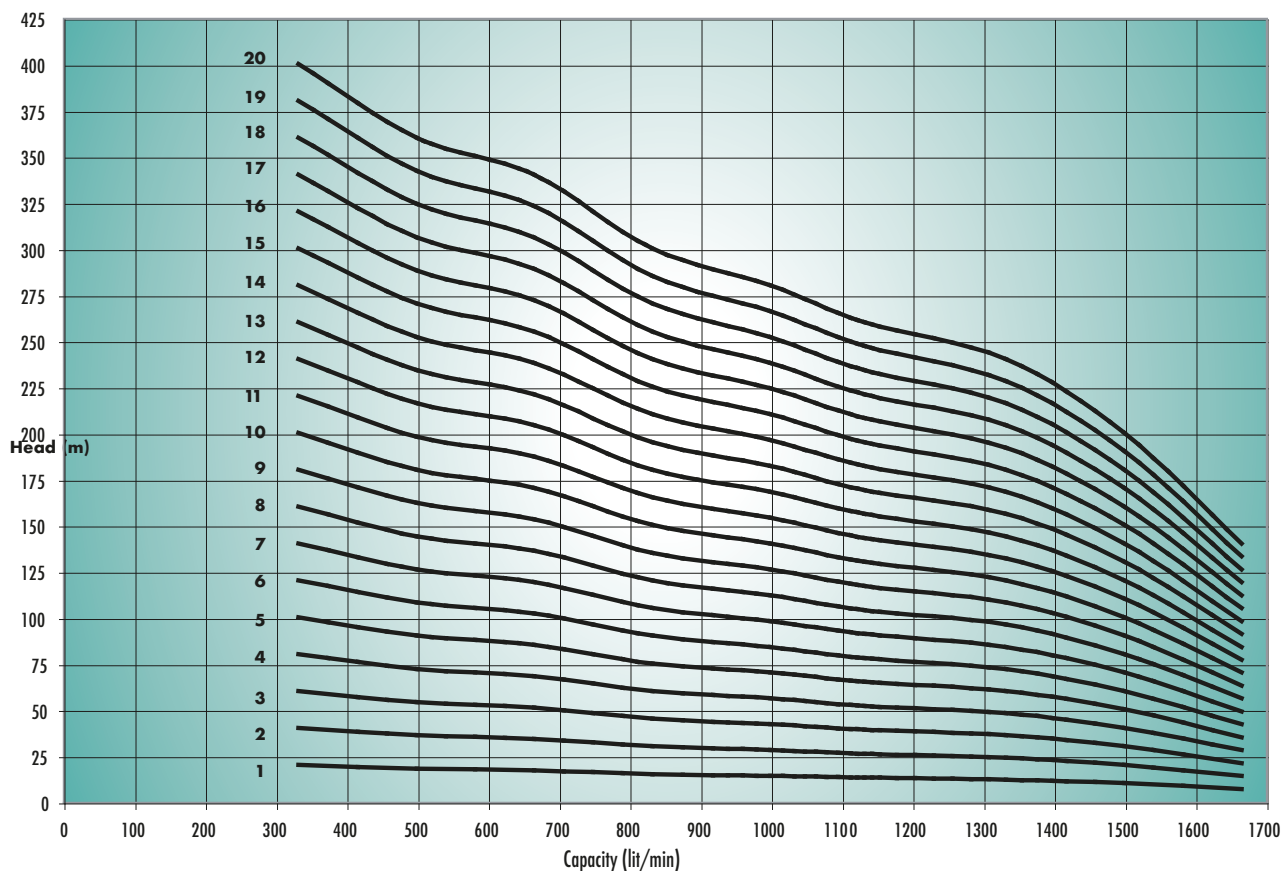
PUMP MODEL	POWER		Lit/sec	5,55	8,33	11,1	13,9	16,7	18,9	22,2	25	27,8
	HP	KW	Lit/min	333	500	666	833	1000	1133	1333	1500	1666
			CBM/h	20	30	40	50	60	68	80	90	100
SSIM 6-877/1	7,5	5,5	20	18	17	15	14	13	12	10	7	
SSIM 6-877/2	10	7,5	40	36	34	30	28	26	24	20	14	
SSIM 6-877/3	15	11	60	54	51	45	42	39	36	30	21	
SSIM 6-877/4	20	15	80	72	68	60	56	52	48	40	28	
SSIM 6-877/5	25	18,5	100	90	85	75	70	65	60	50	35	
SSIM 6-877/6	30	22	120	108	102	90	84	78	72	60	42	
SSIM 6-877/7	35	26	140	126	119	105	98	91	84	70	49	
SSIM 877/8	40	30	160	144	136	120	112	104	96	80	56	
SSIM 877/9	40	30	180	162	153	135	126	117	108	90	63	
SSIM 877/10	50	37	200	180	170	150	140	130	120	100	70	
SSIM 877/11	50	37	220	198	187	165	154	143	132	110	77	
SSIM 877/12	60	45	240	216	204	180	168	156	144	120	84	
SSIM 877/13	75	55	260	234	221	195	182	169	156	130	91	
SSIM 877/14	75	55	280	252	238	210	196	182	168	140	98	
SSIM 877/15	75	55	300	270	255	225	210	195	180	150	105	
SSIM 877/16	85	63	320	288	272	240	224	208	192	160	112	
SSIM 877/17	85	63	340	306	289	255	238	221	204	170	119	
SSIM 877/18	85	63	360	324	306	270	252	234	216	180	126	
SSIM 877/19	100	75	380	342	323	285	266	247	228	190	133	
SSIM 877/20	100	75	400	360	340	300	280	260	240	200	140	

Advised application field

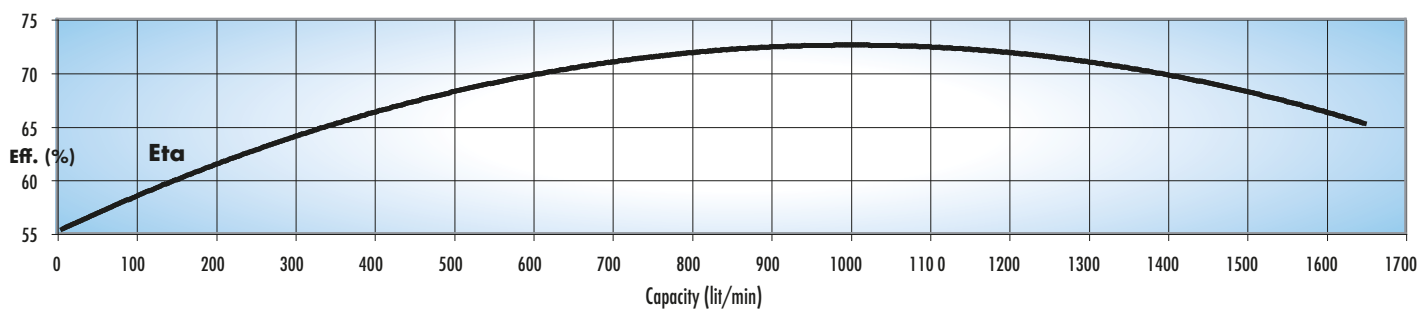
PUMP MODEL	D	L	G"
SSIM 6-877/1	186	618	5"
SSIM 6-877/2	186	746	5"
SSIM 6-877/3	186	874	5"
SSIM 6-877/4	186	1002	5"
SSIM 6-877/5	186	1130	5"
SSIM 6-877/6	186	1258	5"
SSIM 6-877/7	186	1386	5"
SSIM 877/8	186	1514	5"
SSIM 877/9	186	1642	5"
SSIM 877/10	186	1770	5"
SSIM 877/11	186	1898	5"
SSIM 877/12	186	2026	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"
SSIM 877/17	186	2666	5"
SSIM 877/18	186	2794	5"
SSIM 877/19	186	2922	5"
SSIM 877/20	186	3050	5"



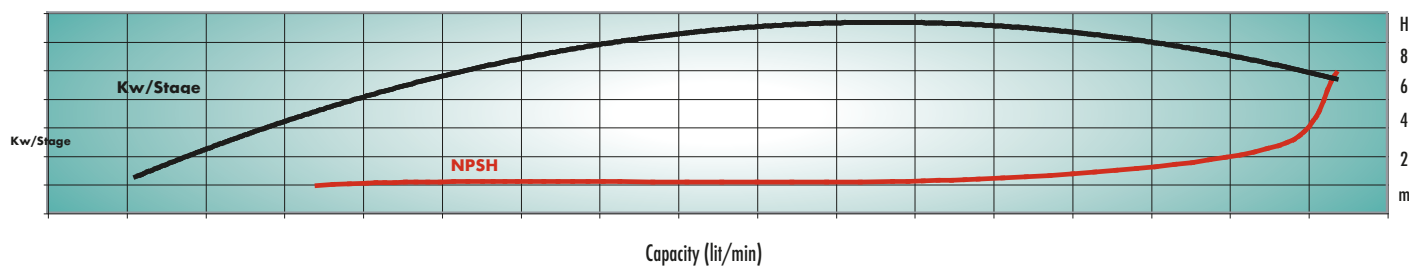
Performance Curve SSIM 877



Efficiency curve SSIM 877



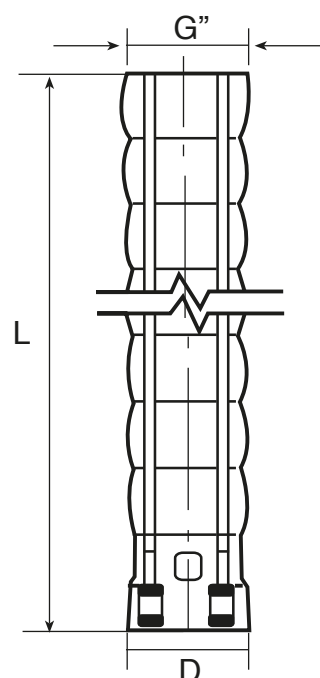
NPSH + Kw/stage curves



PUMP MODEL	POWER		Lit/sec	5,55	8,33	11,1	13,9	16,7	19,5	22,2	25	27,8	30,6	33,9
	HP	KW	Lit/min	333	500	667	833	1000	1167	1333	1500	1667	1833	2033
			CBM/h	20	30	40	50	60	70	80	90	100	110	122
SSIM 6-895/1	7,5	5,5	21	20	18	17	15	14	13	12	11	9	6	
SSIM 6-895/2	12,5	9,2	42	40	36	34	30	28	26	24	22	18	12	
SSIM 6-895/3	17,5	13	63	60	54	51	45	42	39	36	33	27	18	
SSIM 6-895/4	25	18,5	84	80	72	68	60	56	52	48	44	36	24	
SSIM 6-895/5	30	22	105	100	90	85	75	70	65	60	55	45	30	
SSIM 6-895/6	35	26	126	120	108	102	90	84	78	72	66	54	36	
SSIM 895/7	40	30	147	140	126	119	105	98	91	84	77	63	42	
SSIM 895/8	50	37	168	160	144	136	120	112	104	96	88	72	48	
SSIM 895/9	50	37	189	180	162	153	135	126	117	108	99	81	54	
SSIM 895/10	60	45	210	200	180	170	150	140	130	120	110	90	60	
SSIM 895/11	75	55	231	220	198	187	165	154	143	132	121	99	66	
SSIM 895/12	75	55	252	240	216	204	180	168	156	144	132	108	72	
SSIM 895/13	75	55	273	260	234	221	195	182	169	156	143	117	78	
SSIM 895/14	85	63	294	280	252	238	210	196	182	168	154	126	84	
SSIM 895/15	100	75	315	300	270	255	225	210	195	180	165	135	90	
SSIM 895/16	100	75	336	320	288	272	240	224	208	192	176	144	96	
SSIM 895/17	100	75	357	340	306	289	255	238	221	204	187	153	102	
SSIM 895/18	125	92	378	360	324	306	270	252	234	216	198	162	108	
SSIM 895/19	125	92	399	380	342	323	285	266	247	228	209	171	114	
SSIM 895/20	125	92	420	400	360	340	300	280	260	240	220	180	120	

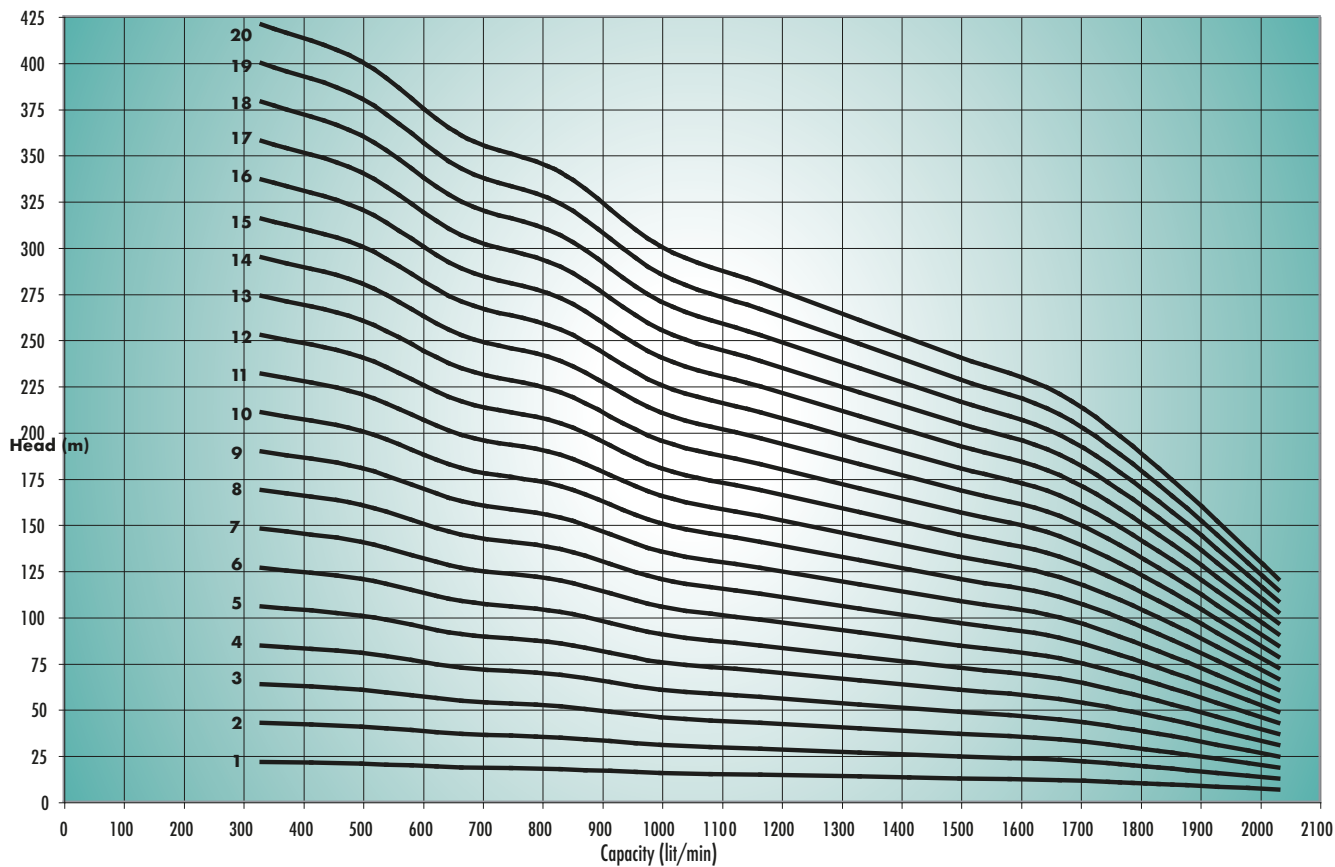
Advised application field

PUMP MODEL	D	L	G"
SSIM 6-895/1	186	618	4
SSIM 6-895/2	186	746	4
SSIM 6-895/3	186	874	4
SSIM 6-895/4	186	1002	4
SSIM 6-895/5	186	1130	4
SSIM 6-895/6	186	1258	4
SSIM 895/7	186	1386	4
SSIM 895/8	186	1514	4
SSIM 895/9	186	1642	4
SSIM 895/10	186	1770	4
SSIM 895/11	186	1898	4
SSIM 895/12	186	2026	4
SSIM 895/13	186	2154	4
SSIM 895/14	186	2282	4
SSIM 895/15	186	2410	4
SSIM 895/16	186	2538	4
SSIM 895/17	186	2666	4
SSIM 895/18	186	2794	4
SSIM 895/19	186	2922	4
SSIM 895/20	186	3050	4

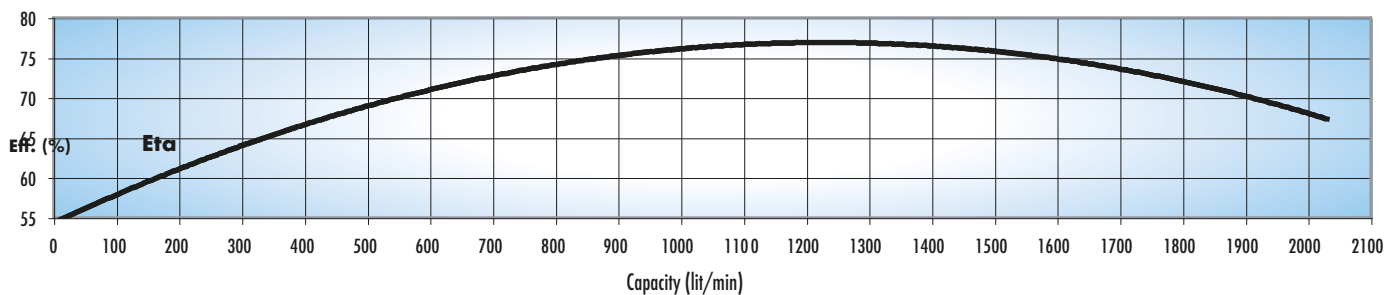


* 4" available too!

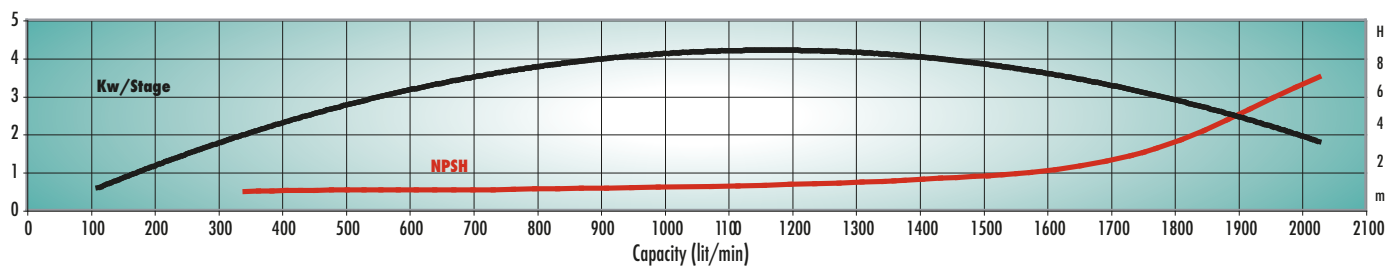
Performance Curve SSIM 895 Serie



Efficiency curve SSIM 895 serie



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
6 - Max solid quantity allowed: 50g/m³
7 - 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	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
6 - 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

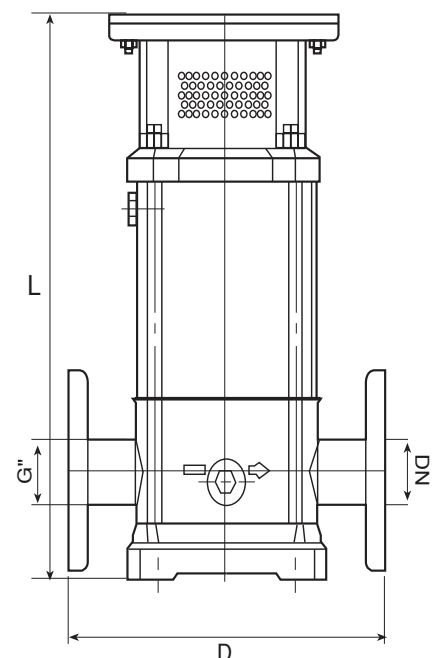
40-13/40-40/50-14/50-24



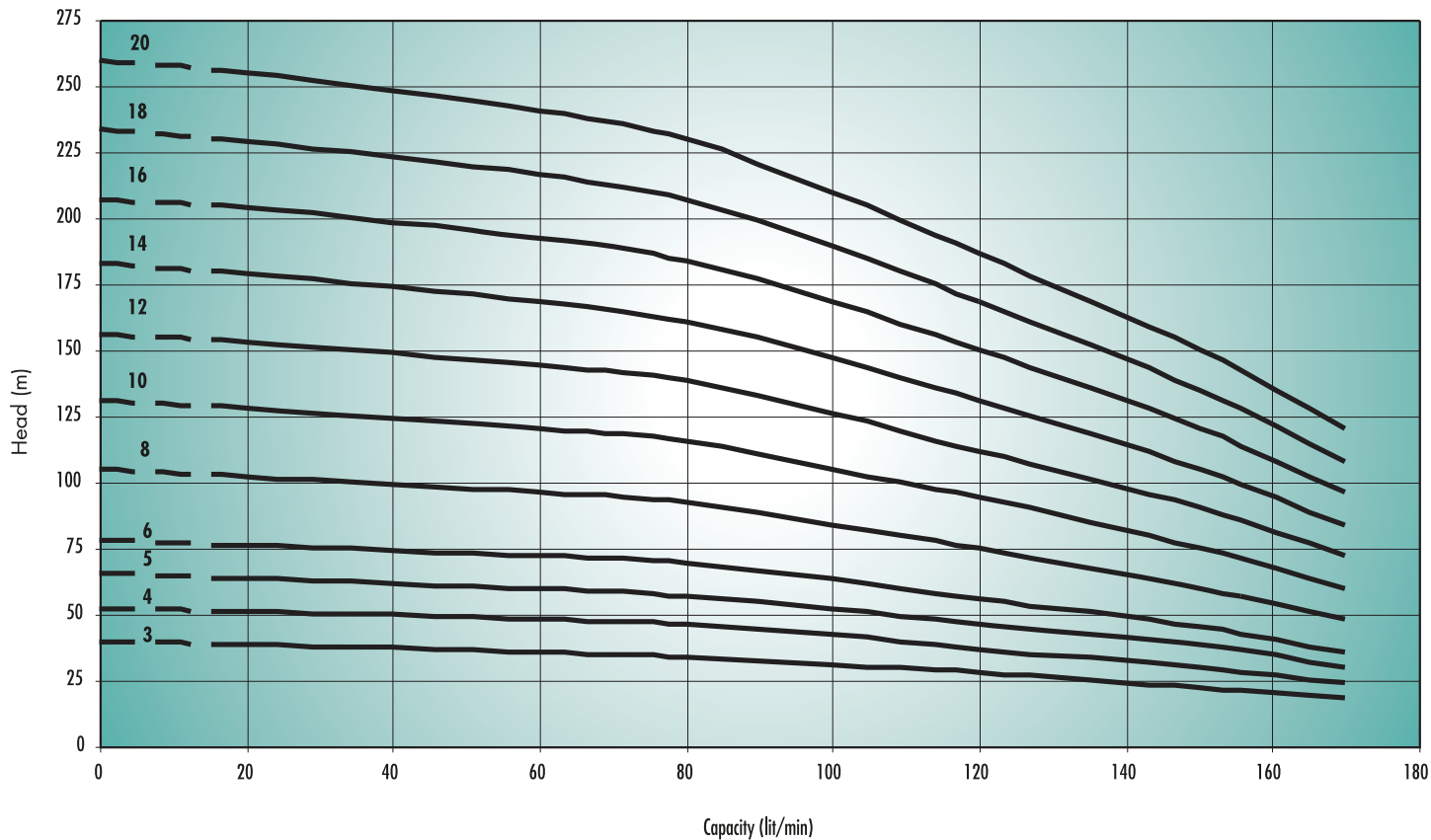
PUMP MODEL	POWER		Lit/sec	0,33	1	1,33	1,66	2	2,5	2,83
	HP	KW	Lit/min	20	60	80	100	120	150	170
			CBM/h	1,2	3,6	4,8	6	7,2	9	10,2
SSIM 40-13/3	1	0,75		38	36	34	31	28	22	18
SSIM 40-13/4	1,5	1,1		51	48	46	42	37	30	24
SSIM 40-13/5	2	1,5		63	60	57	52	46	38	30
SSIM 40-13/6	2	1,5		76	72	69	63	56	45	36
SSIM 40-13/8	3	2,2		102	96	92	84	75	60	48
SSIM 40-13/10	4	3		128	120	115	105	94	75	60
SSIM 40-13/12	5,5	4		153	144	138	126	112	90	72
SSIM 40-13/14	5,5	4		179	168	161	147	131	105	84
SSIM 40-13/16	7,5	5,5		204	192	184	168	150	120	96
SSIM 40-13/18	10	7,5		229	216	207	189	168	135	108
SSIM 40-13/20	10	7,5		255	240	230	210	187	150	120

Advised application field

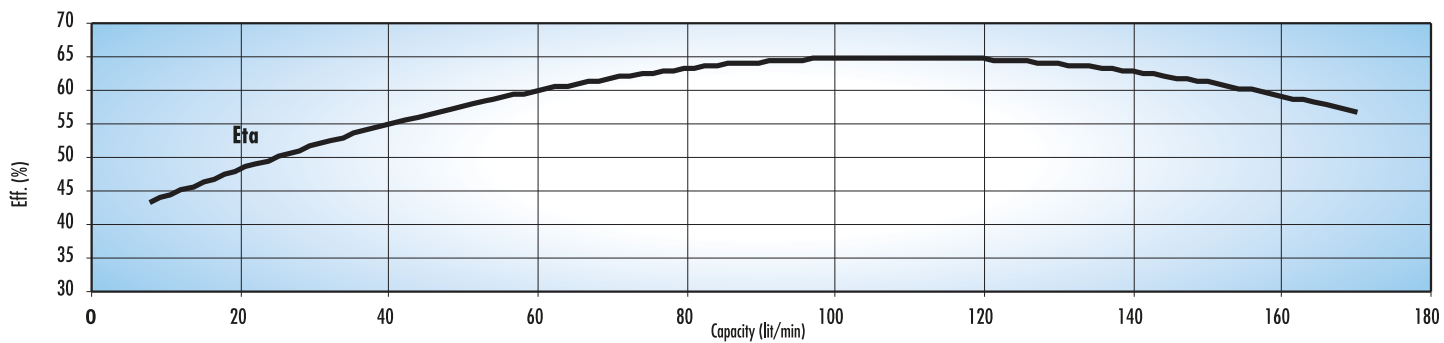
PUMP MODEL	D	L	G"	DN
SSIM 40-13/3	295	421	1" 1/2	40
SSIM 40-13/4	295	459	1" 1/2	40
SSIM 40-13/5	295	497	1" 1/2	40
SSIM 40-13/6	295	535	1" 1/2	40
SSIM 40-13/8	295	611	1" 1/2	40
SSIM 40-13/10	295	687	1" 1/2	40
SSIM 40-13/12	295	763	1" 1/2	40
SSIM 40-13/14	295	839	1" 1/2	40
SSIM 40-13/16	295	917	1" 1/2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



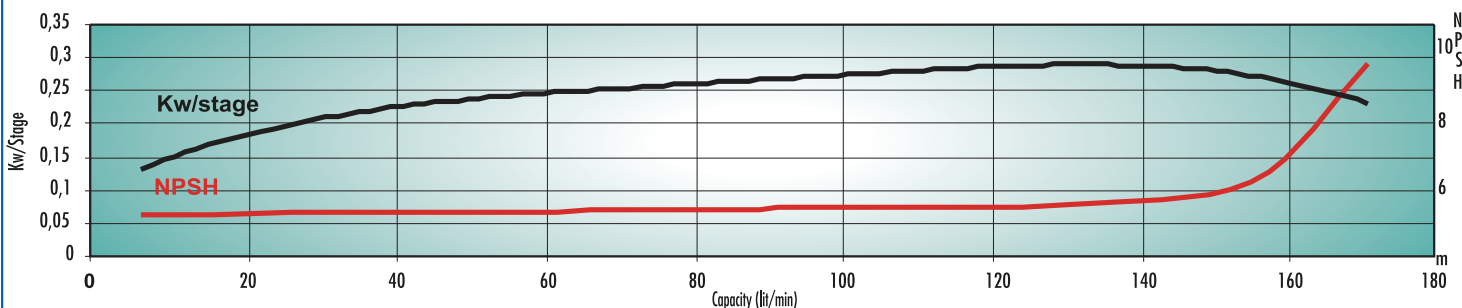
Performance curves SSIM 40-13 SERIE



Efficiency curve SSIM 40-13 serie



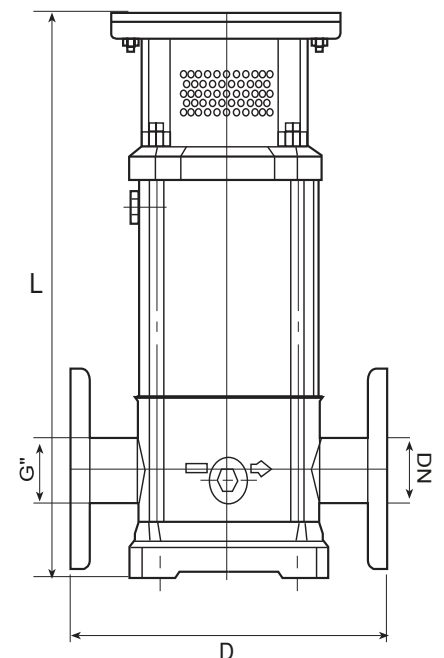
NPSH + Kw/stage curves



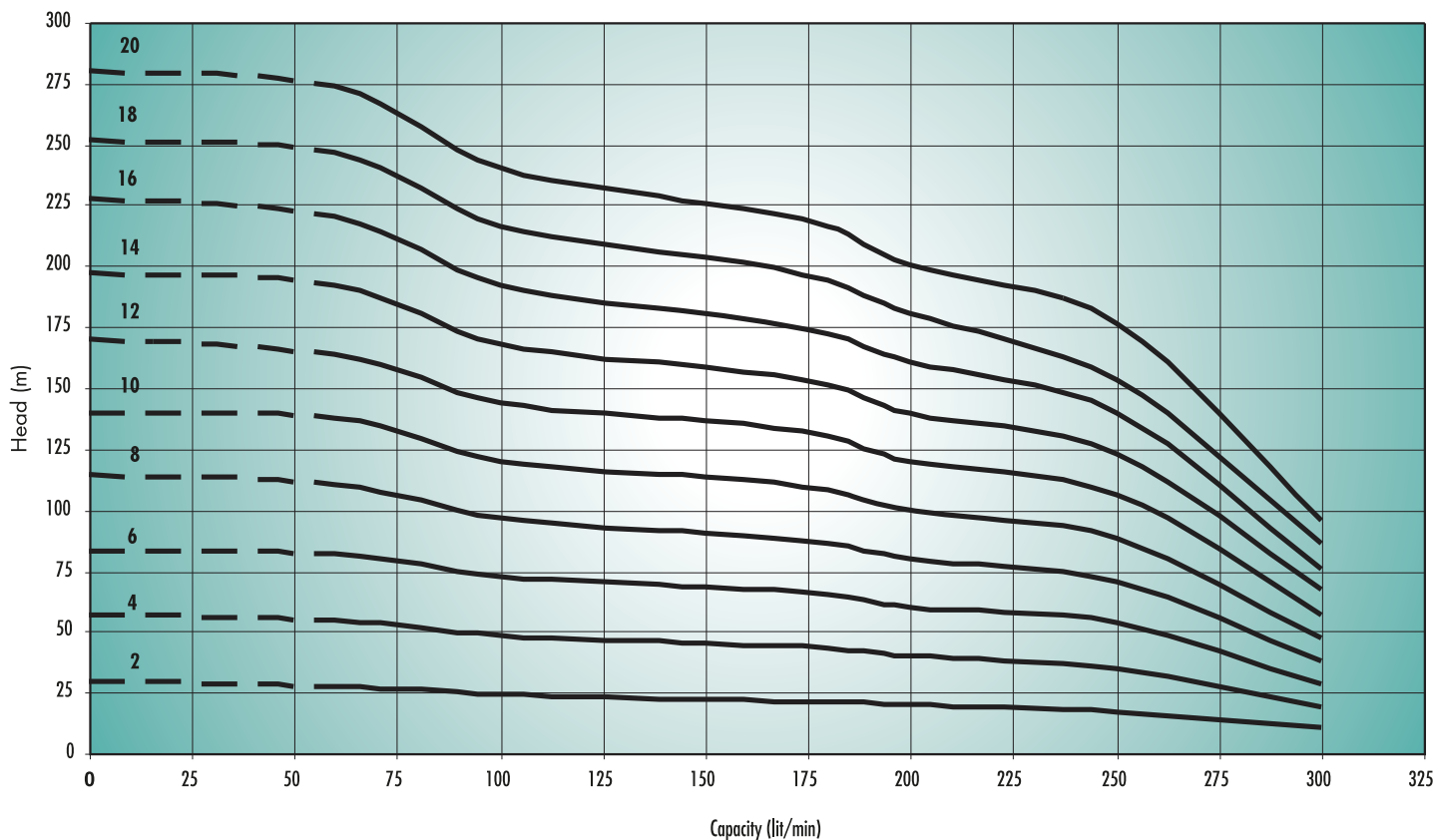
PUMP MODEL	POWER		Lit/sec	1	1,66	2,5	3	3,33	4,16	5
	HP	KW	Lit/min	60	100	150	180	200	250	300
			CBM/h	3,6	6	9	10,8	12	15	18
SSIM 40-40/2	2	1,5		27	24	22	21	20	17	10
SSIM 40-40/4	3	2,2		55	48	45	43	40	35	19
SSIM 40-40/6	4	3		82	72	68	65	60	53	28
SSIM 40-40/8	5,5	4		110	96	90	86	80	70	38
SSIM 40-40/10	7,5	5,5		137	120	113	108	100	88	47
SSIM 40-40/12	7,5	5,5		164	144	136	130	120	106	57
SSIM 40-40/14	10	7,5		192	168	158	151	140	123	67
SSIM 40-40/16	12,5	9,2		220	192	180	172	160	140	76
SSIM 40-40/18	15	11		246	216	203	194	180	153	86
SSIM 40-40/20	15	11		274	240	226	216	200	176	95

Advised application field

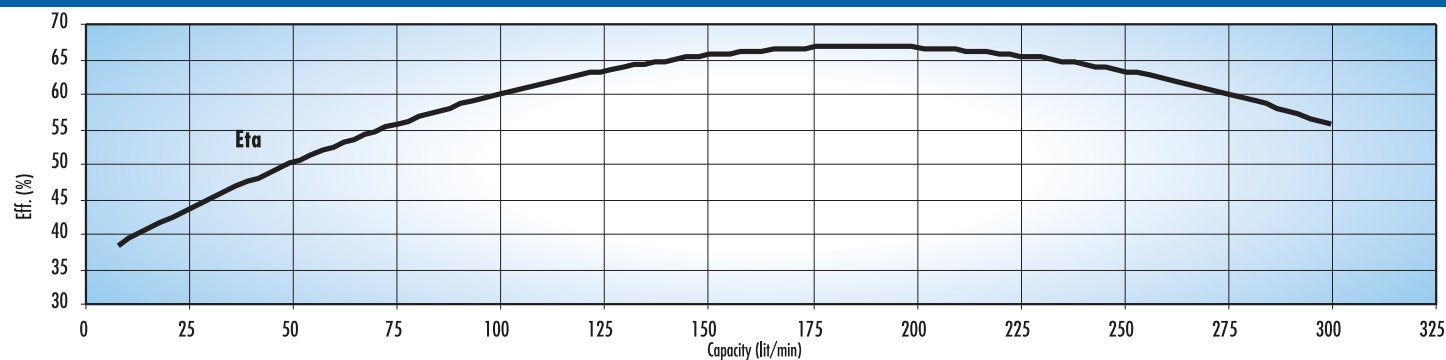
PUMP MODEL	D	L	G"	DN
SSIM 40-40/2	295	395	1" 1/2	40
SSIM 40-40/4	295	470	1" 1/2	40
SSIM 40-40/6	295	545	1" 1/2	40
SSIM 40-40/8	295	620	1" 1/2	40
SSIM 40-40/10	295	715	1" 1/2	40
SSIM 40-40/12	295	790	1" 1/2	40
SSIM 40-40/14	295	865	1" 1/2	40
SSIM 40-40/16	295	940	1" 1/2	40
SSIM 40-40/18	295	1010	1" 1/2	40
SSIM 40-40/20	295	1085	1" 1/2	40



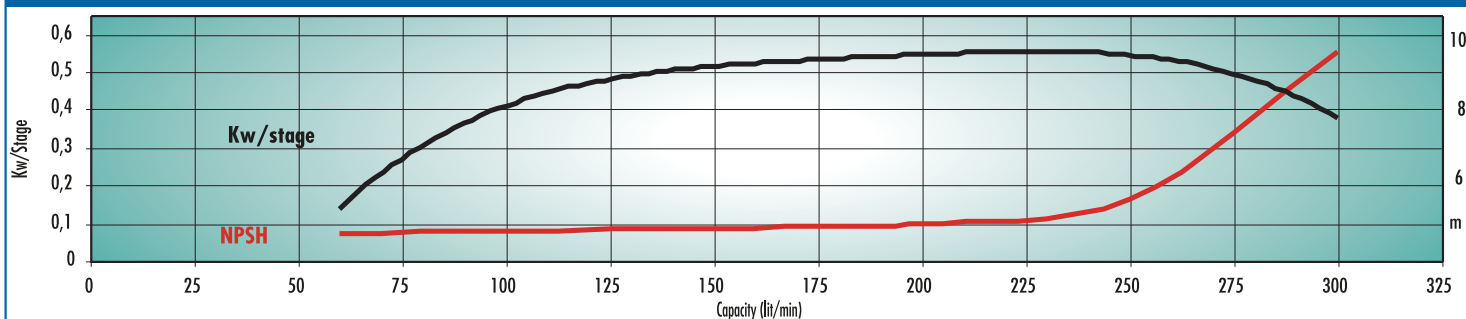
Performance curves SSIM 40-40 SERIE



Efficiency curve SSIM 40-40 serie



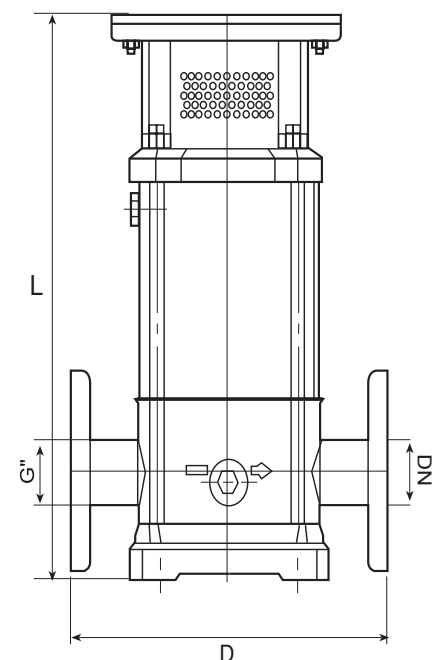
NPSH + Kw/stage curves



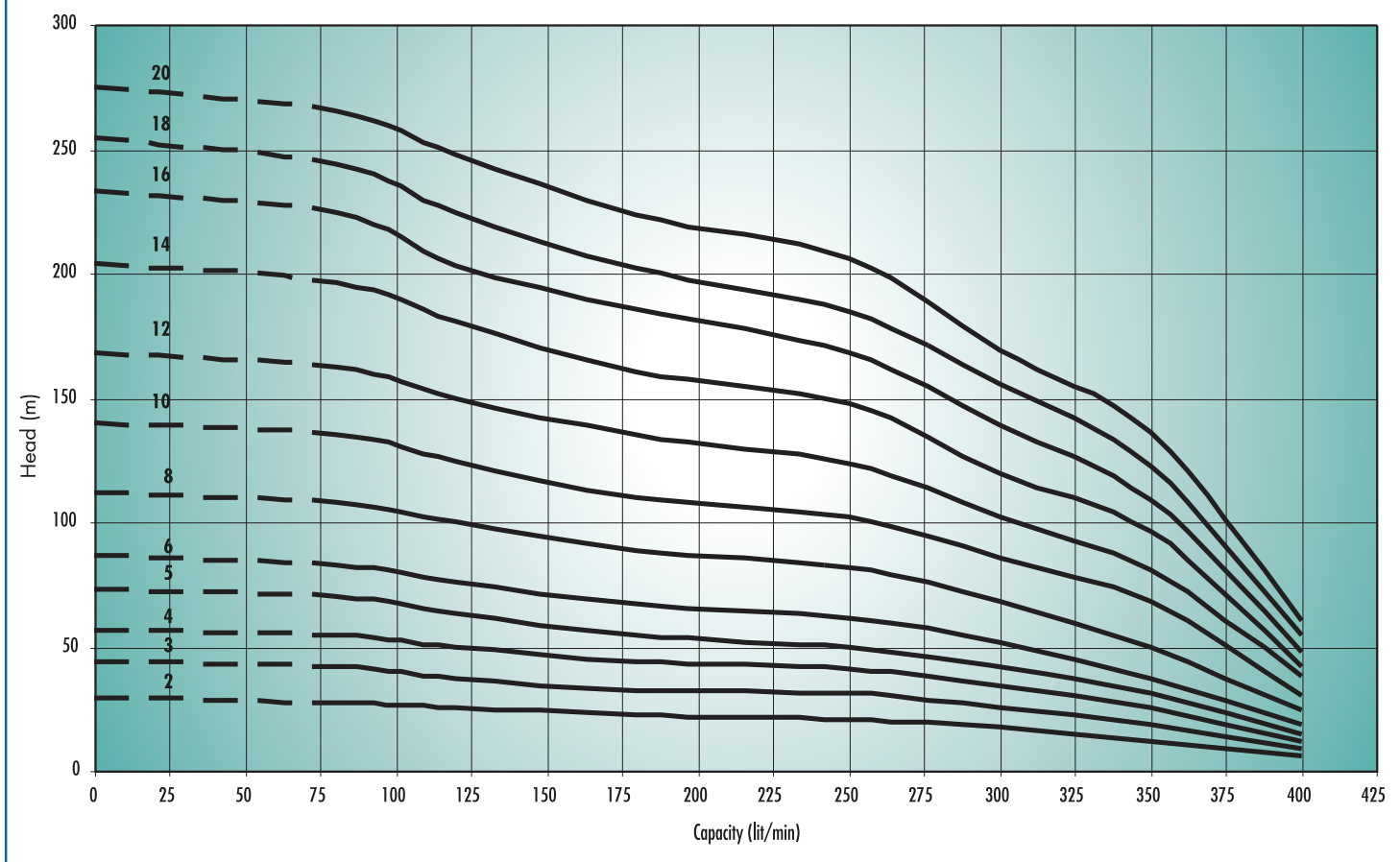
PUMP MODEL	POWER		Lit/sec	1,33	2	3	4,16	5	5,83	6,66
	HP	KW	Lit/min	80	120	180	250	300	350	400
			CBM/h	4,8	7,2	10,8	15	18	21	24
SSIM 50/14/2	2	1,5		27	25	22	20	17	12	6
SSIM 50/14/3	3	2,2		42	37	32	31	25	18	9
SSIM 50/14/4	4	3		54	50	44	41	34	25	12
SSIM 50/14/5	5,5	4		70	63	54	50	42	31	15
SSIM 50/14/6	7,5	5,5		83	76	67	61	51	37	18
SSIM 50/14/8	10	7,5		108	100	88	82	68	50	24
SSIM 50/14/10	10	7,5		135	124	110	105	88	68	30
SSIM 50/14/12	15	11		162	150	132	126	102	81	38
SSIM 50/14/14	15	11		196	176	154	147	123	96	42
SSIM 50/14/16	15	11		224	200	176	168	141	109	48
SSIM 50/14/18	20	15		244	224	198	189	158	122	54
SSIM 50/14/20	20	15		265	248	218	210	166	136	60

Advised application field

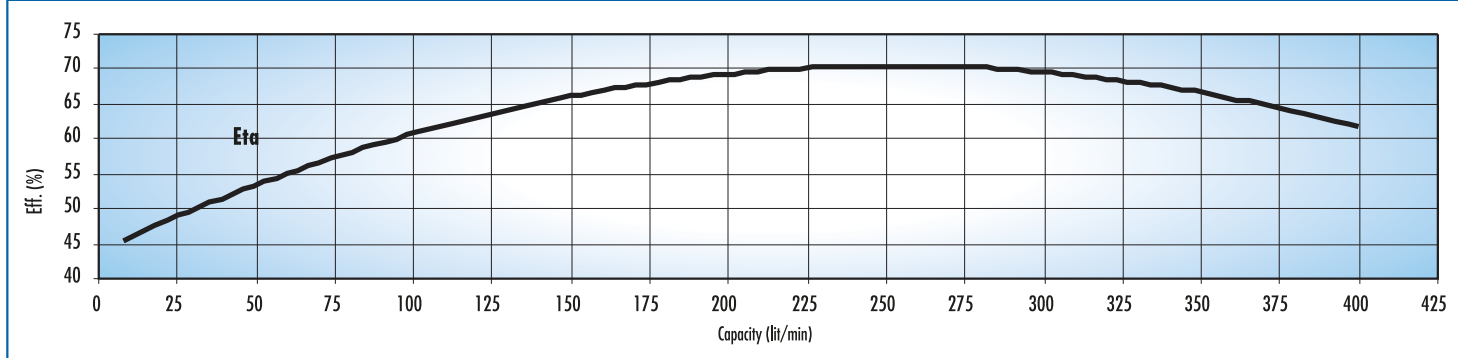
PUMP MODEL	D	L	G"	DN
SSIM 50/14/2	295	400	2"	50
SSIM 50/14/3	295	438	2"	50
SSIM 50/14/4	295	470	2"	50
SSIM 50/14/5	295	514	2"	50
SSIM 50/14/6	295	565	2"	50
SSIM 50/14/8	295	640	2"	50
SSIM 50/14/10	295	715	2"	50
SSIM 50/14/12	295	790	2"	50
SSIM 50/14/14	295	865	2"	50
SSIM 50/14/16	295	935	2"	50
SSIM 50/14/18	295	1010	2"	50
SSIM 50/14/20	295	1084	2"	50



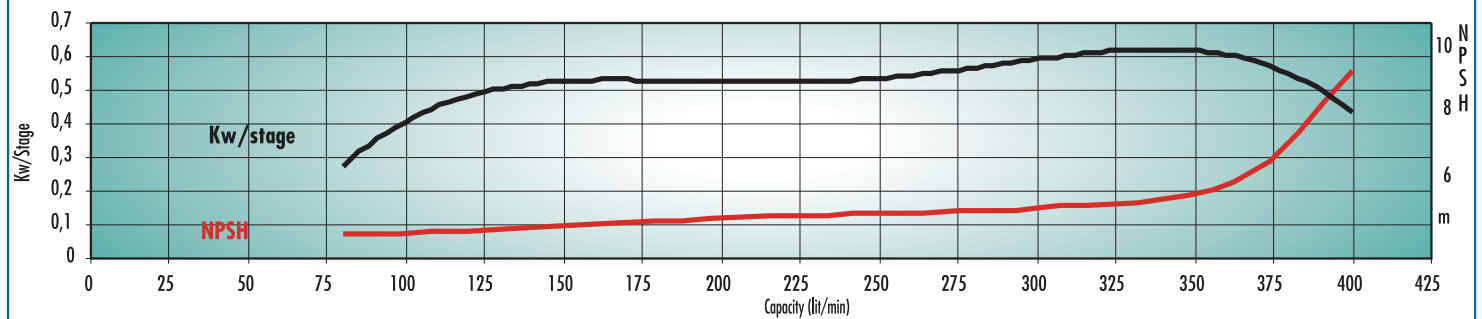
Performance curves SSIM 50-14 SERIE



Efficiency curve SSIM 50-14 serie



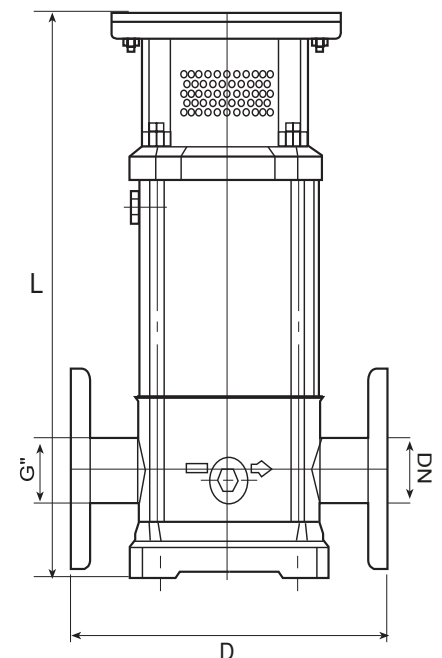
NPSH + Kw/stage curves



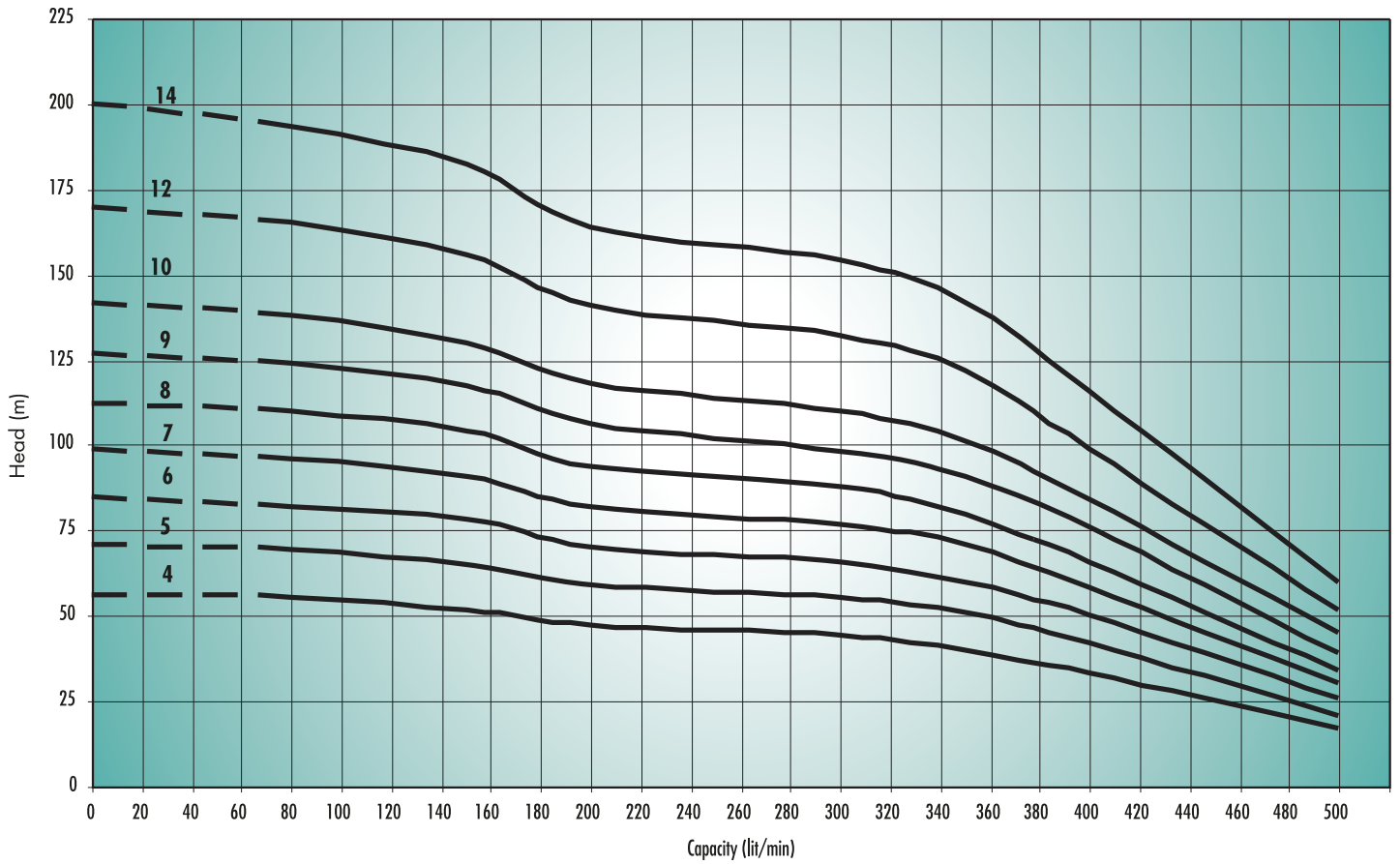
PUMP MODEL	POWER		Lit/sec	1,33	2,5	3,33	5	5,83	6,66	8,33
	HP	KW								
SSIM 50/24/4	5,5	4								
SSIM 50/24/5	7,5	5,5								
SSIM 50/24/6	7,5	5,5								
SSIM 50/24/7	10	7,5								
SSIM 50/24/8	10	7,5								
SSIM 50/24/9	12,5	9,2								
SSIM 50/24/10	15	11								
SSIM 50/24/12	15	11								
SSIM 50/24/14	20	15								

Advised application field

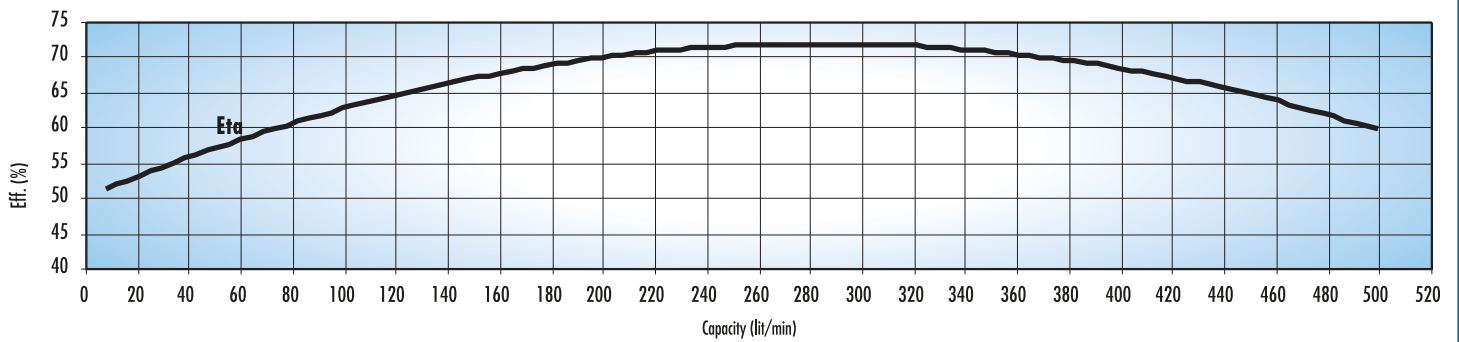
PUMP MODEL	D	L	G"	DN
SSIM 50/24/4	295	495	2"	50
SSIM 50/24/5	295	525	2"	50
SSIM 50/24/6	295	563	2"	50
SSIM 50/24/7	295	625	2"	50
SSIM 50/24/8	295	675	2"	50
SSIM 50/24/9	295	735	2"	50
SSIM 50/24/10	295	785	2"	50
SSIM 50/24/12	295	885	2"	50
SSIM 50/24/14	295	985	2"	50



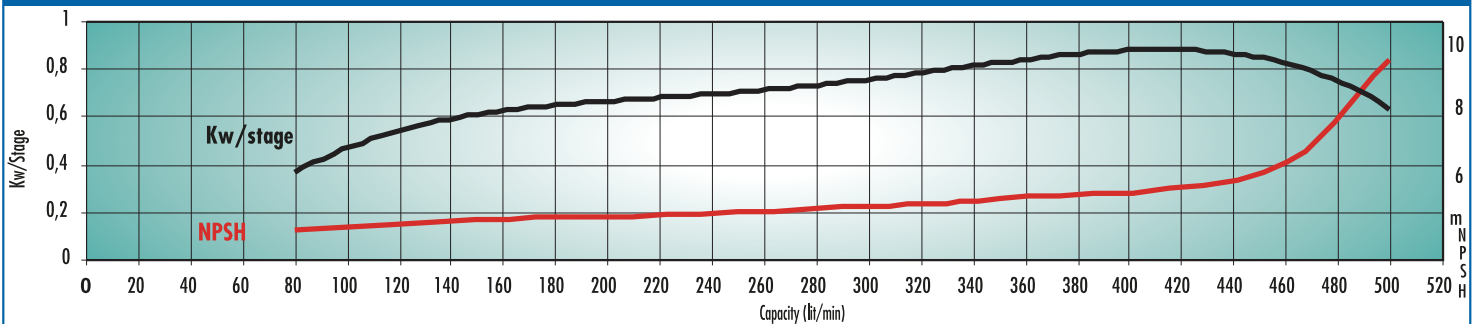
Performance curves SSIM 50-24 SERIE



Efficiency curve SSIM 50-24 serie



NPSH + Kw/stage curves



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	acciaio inox AISI 304
Mandata	acciaio inox AISI 304
Basamento	acciaio inox AISI 304
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	acier inox AISI 304
Refoulement	acier inox AISI 304
Soubassement	acier inox AISI 304
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	stainless steel AISI 304
Base	stainless steel AISI 304
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

VE 30/VE 42/VE 60



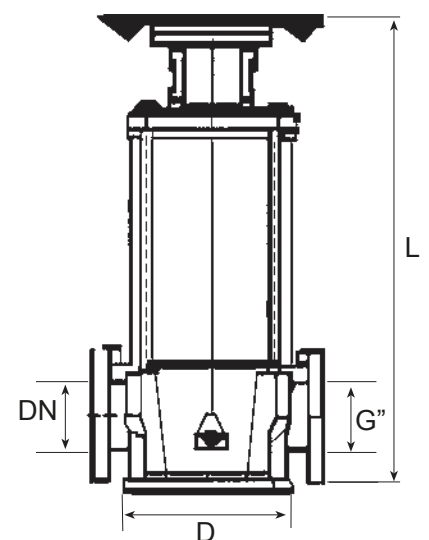
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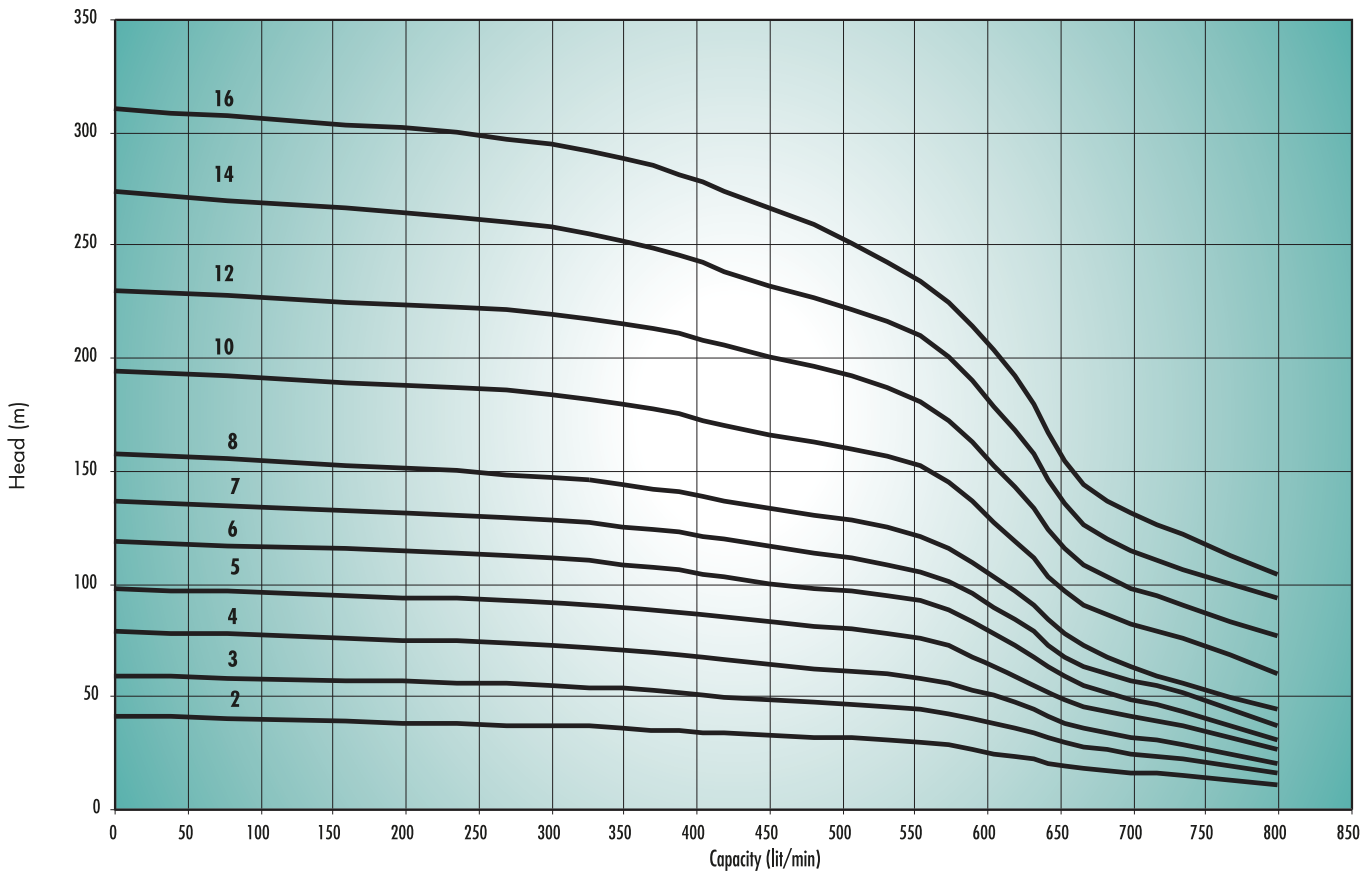
PUMP MODEL	POWER		Lit/sec	2,5	4,33	6,66	8,83	11,6	13,3	15,6
	HP	KW	Lit/min	300	450	554	620	667	730	800
			CBM/h	18	27	33,2	37,2	40	43,8	48
SSIM VE-30/2	5,5	4		37	32	29	23	18	15	11
SSIM VE-30/3	7,5	5,5		55	48	44	35,5	27	22	16
SSIM VE-30/4	10	7,5		72	64	60	47	36	28	20
SSIM VE-30/5	15	11		91	83	75	59	45	37	26
SSIM VE-30/6	15	11		111	100	92	72	54	43	30
SSIM VE-30/7	20	15		128	116	105	84	63	51	37
SSIM VE-30/8	20	15		147	133	120	96	72	56	44
SSIM VE-30/10	25	18,5		183	166	152	118	90	75	60
SSIM VE-30/12	30	22		219	200	180	143	108	90	76
SSIM VE-30/14	40	30		258	232	210	168	126	106	93
SSIM VE-30/16	40	30		294	266	234	192	144	122	104

Advised application field

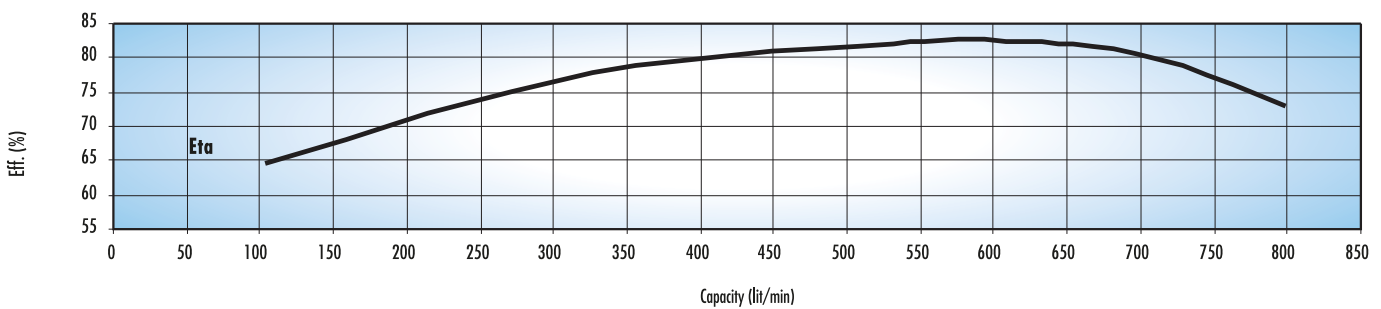
PUMP MODEL	D	L	G"	DN
SSIM VE-30/2	340	420	3"	80
SSIM VE-30/3	340	470	3"	80
SSIM VE-30/4	340	520	3"	80
SSIM VE-30/5	340	570	3"	80
SSIM VE-30/6	340	655	3"	80
SSIM VE-30/7	340	740	3"	80
SSIM VE-30/8	340	800	3"	80
SSIM VE-30/10	340	920	3"	80
SSIM VE-30/12	340	1060	3"	80
SSIM VE-30/14	340	1200	3"	80
SSIM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



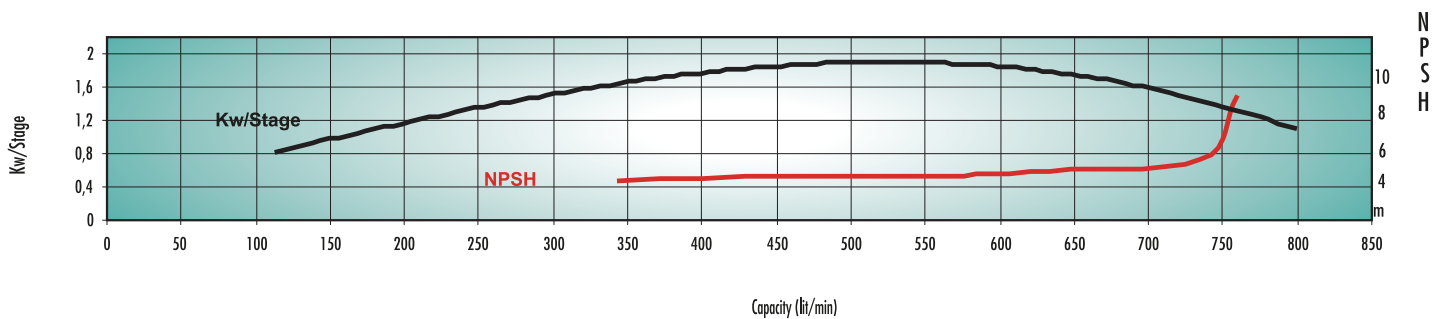
Performance curves SSIM VE-30 SERIE



Efficiency curve SSIM VE-30 serie



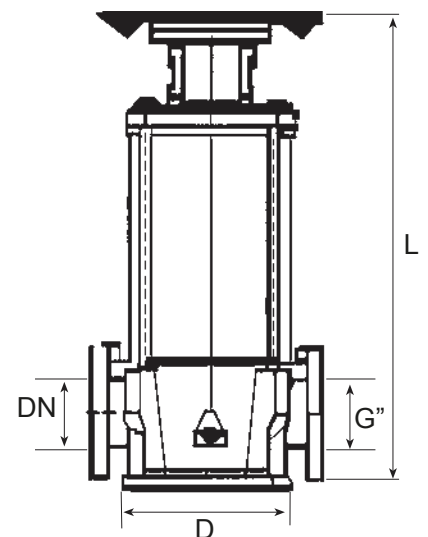
NPSH + Kw/stage curves



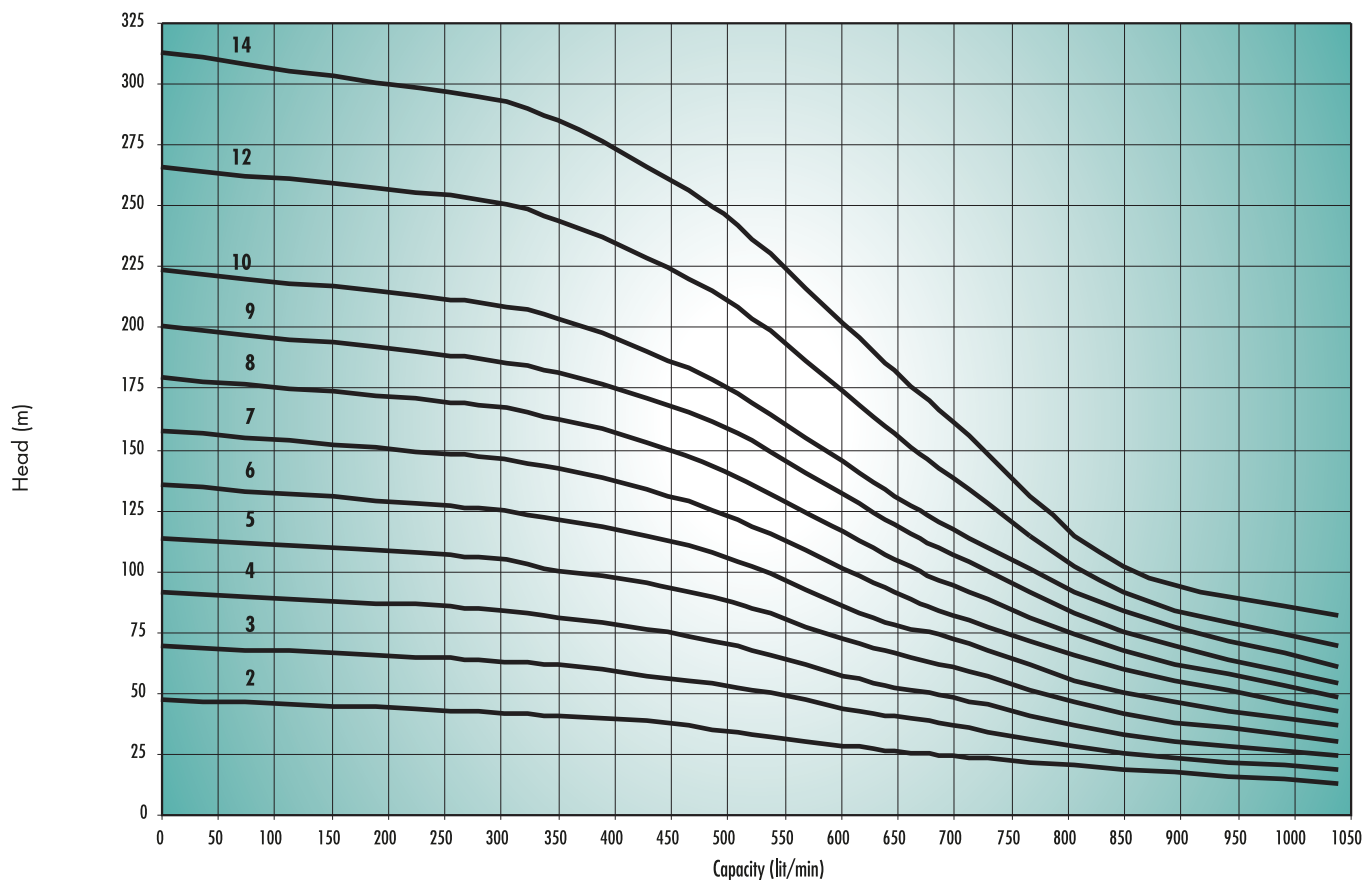
PUMP MODEL	POWER		Lit/sec	4,66	5,83	7,16	8,5	10,5	11,66	14,16	17,3
	HP	KW	Lit/min	280	350	430	510	630	700	850	1040
			CBM/h	16,8	21	25,8	30,6	37,8	43	51	62,4
SSIM VE-42/2	10	7,5		42	40	38	34	27	24	17,9	12
SSIM VE-42/3	12,5	9,2		63	61	57	52	41	36	25	18
SSIM VE-42/4	15	11		84	81	76	69	54	48	33	24
SSIM VE-42/5	20	15		105	100	95	86	68	60	41	30
SSIM VE-42/6	20	15		126	121	114	104	81	72	50	36
SSIM VE-42/7	30	22		147	142	133	121	95	83	59	42
SSIM VE-42/8	30	22		168	163	152	138	109	95	67	48
SSIM VE-42/9	40	30		187	181	171	156	123	106	75	54
SSIM VE-42/10	40	30		210	203	190	173	136	117	83	60
SSIM VE-42/12	50	37		252	244	228	208	163	138	91	71
SSIM VE-42/14	50	37		294	284	266	242	190	161	101	83

Advised application field

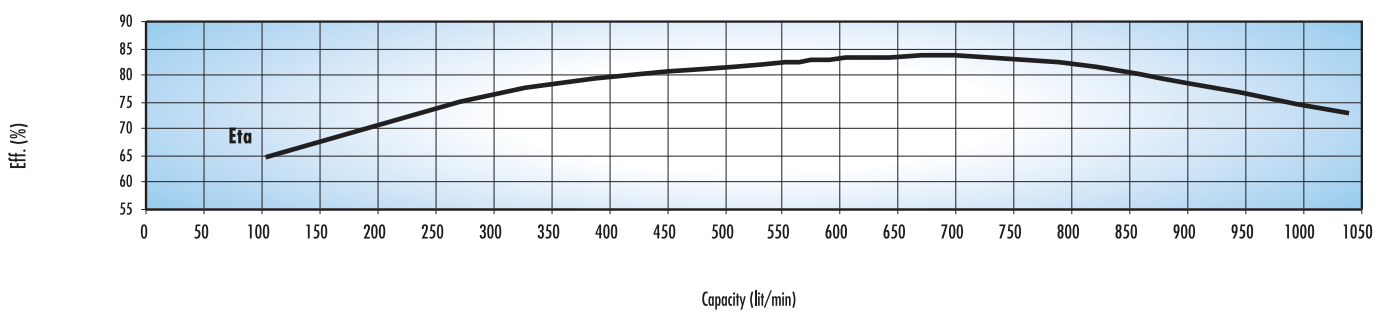
PUMP MODEL	D	L	G"	DN
SSIM VE-42/2	340	480	3"	80
SSIM VE-42/3	340	560	3"	80
SSIM VE-42/4	340	640	3"	80
SSIM VE-42/5	340	720	3"	80
SSIM VE-42/6	340	800	3"	80
SSIM VE-42/7	340	910	3"	80
SSIM VE-42/8	340	1000	3"	80
SSIM VE-42/9	340	1090	3"	80
SSIM VE-42/10	340	1180	3"	80
SSIM VE-42/12	340	1416	3"	80
SSIM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



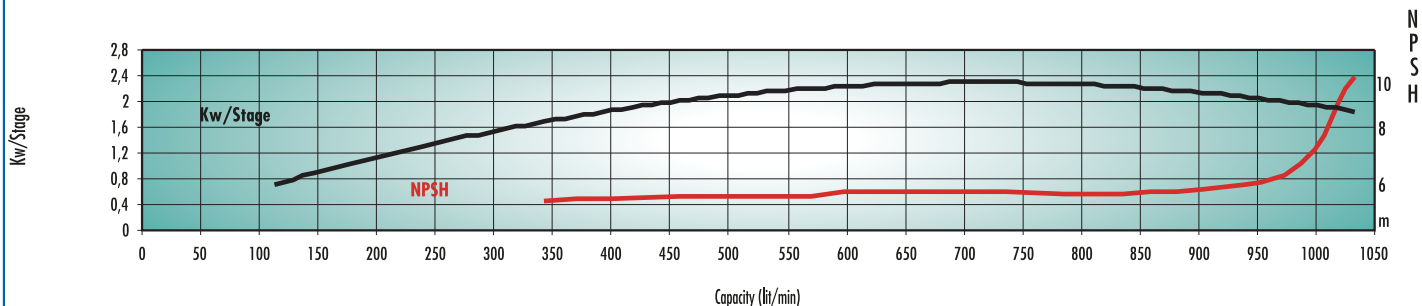
Performance curves SSIM VE-42 SERIE



Efficiency curve SSIM VE-42 serie



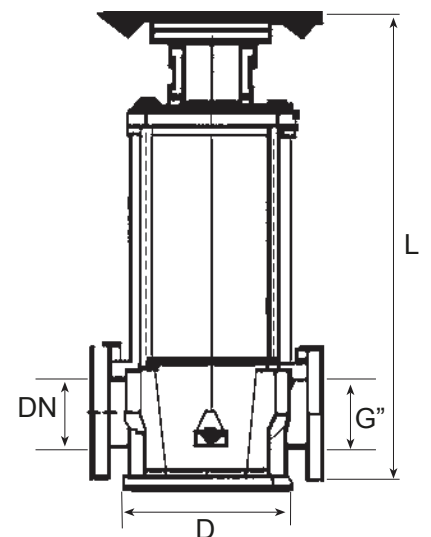
NPSH + Kw/stage curves



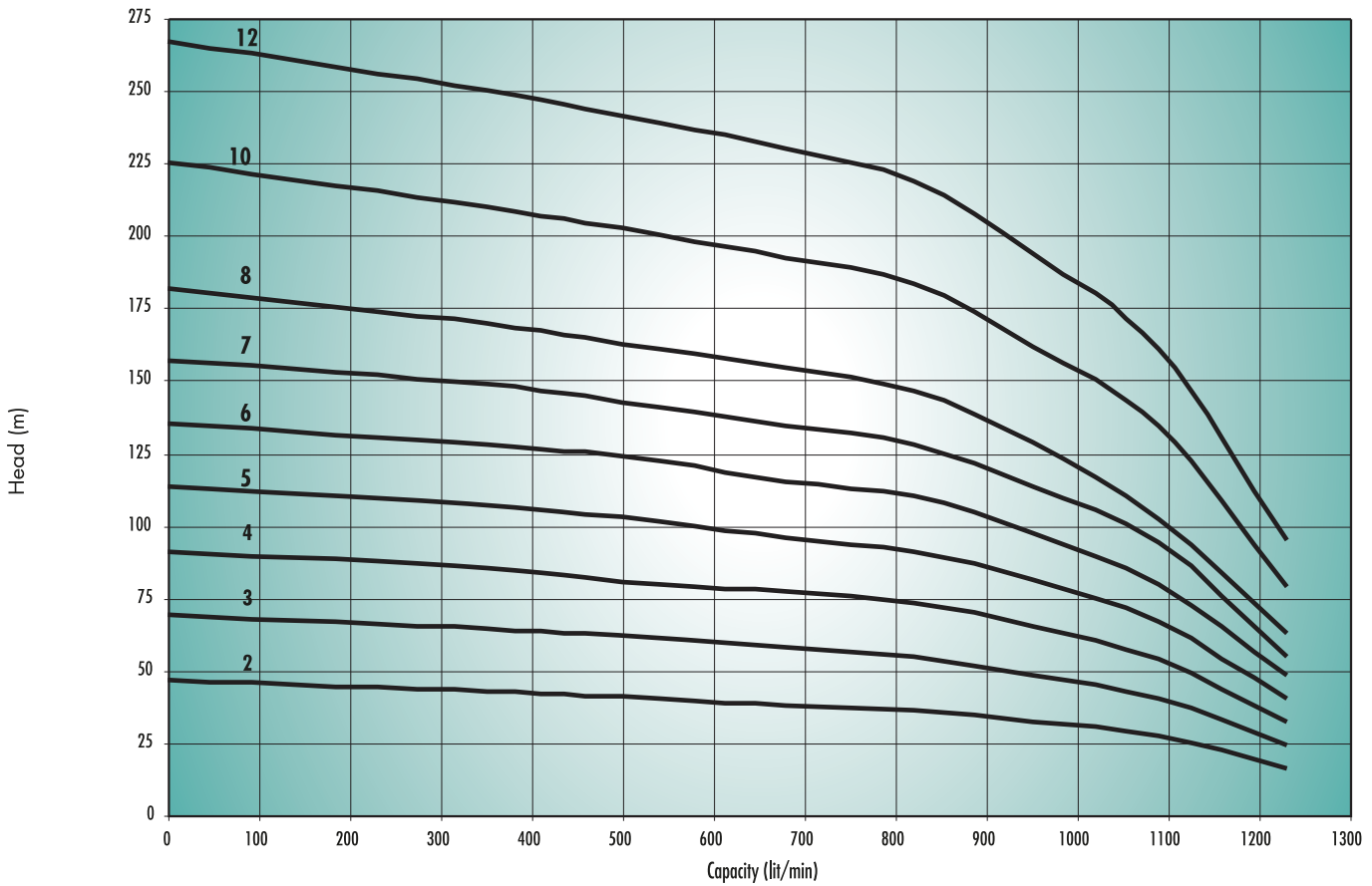
PUMP MODEL	POWER		Lit/sec	5,83	9	11,6	13,6	15,8	18,2	20,5
	HP	KW	Lit/min	350	540	680	820	950	1090	1230
			CBM/h	21	32,4	40,8	49,2	57	65,4	73,8
SSIM VE-60/2	10	7,5		43	40	38	36	32	27	16
SSIM VE-60/3	15	11		64	61	58	55	48	40	24
SSIM VE-60/4	20	15		85	80	77	73	65	54	32
SSIM VE-60/5	25	18,5		107	101	96	91	81	67	40
SSIM VE-60/6	30	22		128	122	115	110	97	80	48
SSIM VE-60/7	35	26		149	141	134	128	113	94	55
SSIM VE-60/8	40	30		170	161	154	146	129	102	63
SSIM VE-60/10	50	37		210	200	192	183	162	134	79
SSIM VE-60/12	60	40		250	239	230	219	194	161	95

Advised application field

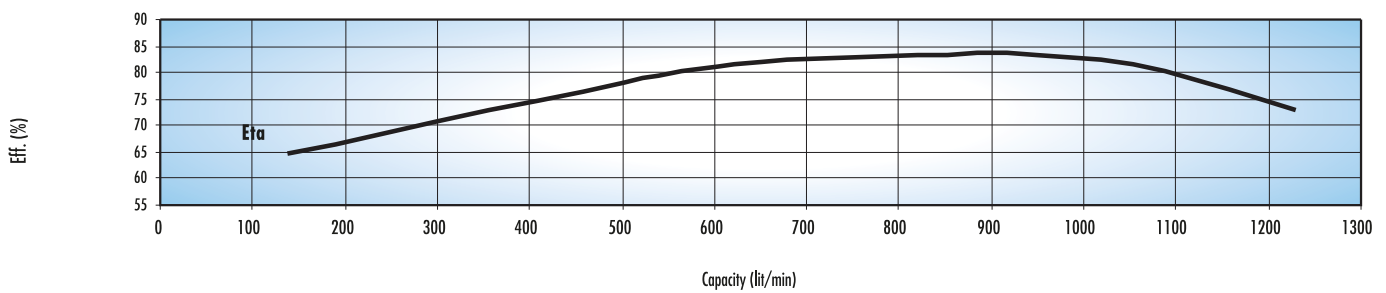
PUMP MODEL	D	L	G"	DN
SSIM VE-60/2	340	480	3"	80
SSIM VE-60/3	340	534	3"	80
SSIM VE-60/4	340	588	3"	80
SSIM VE-60/5	340	642	3"	80
SSIM VE-60/6	340	696	3"	80
SSIM VE-60/7	340	750	3"	80
SSIM VE-60/8	340	804	3"	80
SSIM VE-60/10	340	912	3"	80
SSIM VE-60/12	340	1020	3"	80



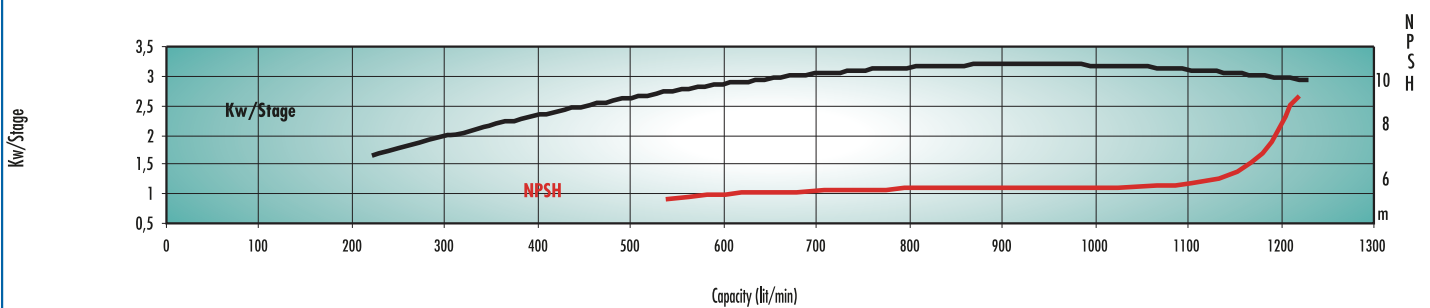
Performance curves SSIM VE-60 SERIE



Efficiency curve SSIM VE-60 serie



NPSH + Kw/stage curves



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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