

Technical Data

Electric Pumps > Vertical Axis, Submersible

> 6 Series

∅ coupling
3"



6"

DESCRIPTION:

Application

- Civil and industrial water supply, water pipelines, fire-fighting systems, irrigation systems and any other kind of system

Specifics

- Water bath motor
- Maximum working pressure: 7 mH₂O
- Pumped liquid temperature: 30° C
- Maximum flow-rate: 66m³/h
- Maximum starts per hour: 15
- Aspiration maximum level: 1 m

Materials

- Valve and suction cage body: stainless steel spheroidal cast iron (Ni-resist D2B/AISI 304)
- Bush bearings: brass/rubber
- Completely protected shaft: AISI 420
- Wearing ring, spacer pipe for external jacket stage, cable protection, screen suction: AISI 304 stainless steel
- Impellers and diffusers: Norly

6B SERIES

50 ÷ 250 L/M - 698 ÷ 27 MH₂O

Code	Type	HP	Kw	
PSSM1000	6B 030 N05/4*	3,0	2,2	400V
PSST1000	6B 030 N05/4*	3,0	2,2	400V
PSST1001	6B 040 N06/4*	5,5	4,0	400V
PSST1006	6B 040 N07/4*	5,5	4,0	400V
PSST1003	6B 055 N08/4*	5,5	4,0	400V
PSST1004	6B 055 N09/4*	5,5	4,0	400V
PSST1005	6B 075 N12/4*	7,5	5,5	400V
PSST1100	6B 075 N12	7,5	5,5	400V
PSST1101	6B 100 N16	10,0	7,5	400V
PSST1102	6B 125 N18	12,5	9,2	400V
PSST1103	6B 125 N21	12,5	9,2	400V
PSST1104	6B 150 N24	15,0	11,0	400V
PSST1106	6B 200 N32/SD	20,0	15,0	400V
PSST1107	6B 250 N40/SD	25,0	18,5	400V
PSST1108	6B 300 N48/SD	30,0	22,0	400V
PCP5500	6B 030 N05/4*			Pump only
PCP5539	6B 030 N05/4*			Pump only
PCP5501	6B 040 N06/4*			Pump only
PCP5514	6B 040 N07/4*			Pump only
PCP5503	6B 055 N08/4*			Pump only
PCP5504	6B 055 N09/4*			Pump only
PCP5505	6B 075 N12/4*			Pump only
PCP5534	6B 075 N12			Pump only
PCP5506	6B 100 N16			Pump only
PCP5507	6B 125 N18			Pump only
PCP5508	6B 125 N21			Pump only
PCP5509	6B 150 N24			Pump only
PCP5511	6B 200 N32/SD			Pump only
PCP5512	6B 250 N40/SD			Pump only
PCP5513	6B 300 N48/SD			Pump only

6D SERIES

120 ÷ 300 L/M - 599 ÷ 30 MH₂O

Code	Type	HP	Kw	
PSST1011	6D 040 N05/4*	4,0	3,0	400V
PSST1012	6D 050 N06/4*	5,5	4,0	400V
PSST1013	6D 075 N07/4*	7,5	5,5	400V
PSST1110	6D 075 N07	7,5	5,5	400V
PSST1014	6D 075 N08/4*	7,5	5,5	400V
PSST1111	6D 075 N08	7,5	5,5	400V
PSST1015	6D 075 N09/4*	7,5	5,5	400V
PSST1112	6D 075 N09	7,5	5,5	400V
PSST1113	6D 100 N12	10,0	7,5	400V
PSST1114	6D 125 N15	12,5	9,2	400V
PSST1115	6D 150 N18	15,0	11,0	400V
PSST1116	6D 175 N21	17,5	13,0	400V
PSST1117	6D 200 N24	20,0	15,0	400V
PSST1118	6D 250 N30	25,0	18,5	400V
PSST1119	6D 300 N35/SD	30,0	22,0	400V
PCP5521	6D 040 N05/4*			Pump only
PCP5522	6D 050 N06/4*			Pump only
PCP5523	6D 075 N07/4*			Pump only
PCP5535	6D 075 N07			Pump only
PCP5524	6D 075 N08/4*			Pump only
PCP5536	6D 075 N08			Pump only
PCP5525	6D 075 N09/4*			Pump only
PCP5537	6D 075 N09			Pump only
PCP5526	6D 100 N12			Pump only
PCP5527	6D 125 N15			Pump only
PCP5528	6D 150 N18			Pump only
PCP5529	6D 175 N21			Pump only
PCP5530	6D 200 N24			Pump only
PCP5531	6D 250 N30			Pump only
PCP5532	6D 300 N35/SD			Pump only

*Combined with oil bath 4" motor

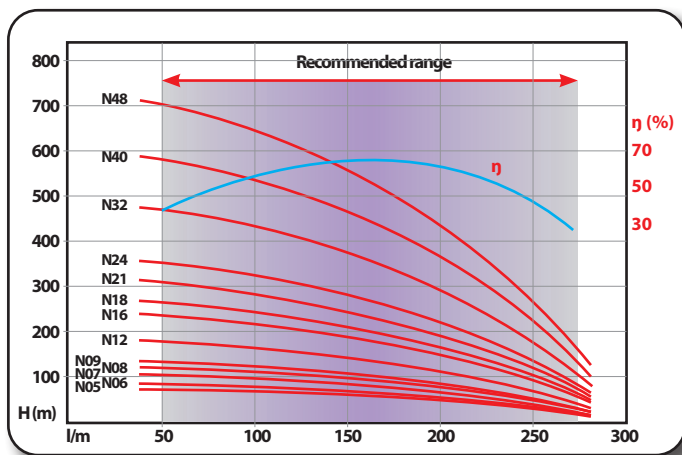


Technical Data

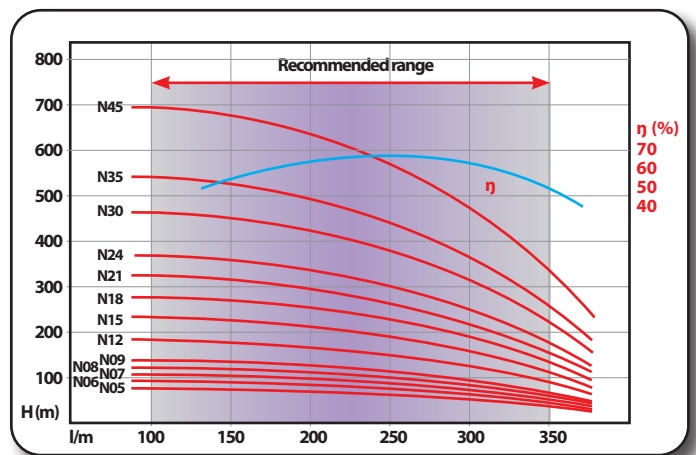
Electric Pumps > Vertical Axis, Submersible

6" SUBMERSIBLE ELECTRIC PUMPS (2900 RPM - 50 HZ) - TOTAL MANOMETRIC HEADS IN METERS

Type	m ³ /h	0	3	4,5	6	7,5	9	10,5	12	13,5	15	16,5	18	21
	l/min	0	50	75	100	125	150	175	200	225	250	275	300	350
	l/sec	0	0,83	1,25	1,67	2,08	2,50	2,92	3,33	3,75	4,17	4,58	5,00	5,83
6B 030 N05/4	78	73	70	67	63	58	53	46	37	27	16			
6B 040 N06/4	94	88	84	80	76	70	63	55	44	32	19			
6B 040 N07/4	109	102	98	94	89	82	74	64	52	38	22			
6B 055 N08/4	125	117	112	107	101	93	84	73	59	43	25			
6B 055 N09/4	140	131	126	121	114	105	95	82	67	48	28			
6B 075 N12	187	175	169	161	152	140	127	109	89	65	37			
6B 100 N16	250	234	225	214	202	187	169	146	118	86	50			
6B 125 N18	281	263	253	241	228	210	190	164	133	97	56			
6B 125 N21	328	307	295	281	266	245	222	192	155	113	65			
6B 150 N24	374	350	337	322	304	280	253	219	178	129	74			
6B 200 N32 SD	499	467	450	429	405	374	338	292	237	172	99			
6B 250 N40 SD	624	584	562	536	506	467	422	365	296	215	124			
6B 300 N48 SD	749	701	674	643	607	561	506	438	355	258	149			
6D 040 N05/4	79			75	74	71	68	64	58	52	45	37	15	
6D 055 N06/4	94			90	88	86	81	76	70	63	54	44	17	
6D 075 N07/4	110			106	103	100	95	89	82	73	63	51	20	
6D 075 N08	126			121	118	114	109	102	93	83	72	58	23	
6D 075 N09	141			136	133	128	122	115	105	94	81	66	26	
6D 100 N12	188			181	177	171	163	153	140	125	108	88	35	
6D125 N15	236			226	221	214	204	191	175	156	135	110	44	
6D 150 N18	283			271	265	257	244	229	210	188	162	131	52	
6D 175 N21	330			317	309	299	285	267	245	219	189	153	61	
6D 200 N24	377			362	354	342	326	306	280	250	216	175	70	
6D 250 N30	471			452	442	428	407	382	350	313	269	219	87	
6D 300 N35 SD	550			528	516	499	475	446	408	365	314	256	102	
6D 400 N45 SD	707			679	663	641	611	573	524	469	404	329	131	



6B series operating curves



6D series operating curves

Pumps



Technical Data

Electric Pumps > Vertical Axis, Submersible

6E SERIES 200 ÷ 600 L/M - 35 ÷ 2 MH2O					6F SERIES 200 ÷ 600 L/M - 593 ÷ 11 MH2O				
Code	Type	HP	Kw		Code	Type	HP	Kw	
PSSM1020	6E 020 N02/4*	2,0	1,5	400V	PSST1030	6F 040 N03/4*	4,0	3,0	400V
PSST1020	6E 020 N02/4*	2,0	1,5	400V	PSST1031	6F 050 N04/4*	5,0	4,0	400V
PSSM1021	6E 030 N03/4*	3,0	2,2	400V	PSST1032	6F 075 N06/4*	7,5	5,5	400V
PSST1021	6E 030 N03/4*	3,0	2,2	400V	PSST1125	6F 075 N06	7,5	5,5	400V
					PSST1126	6F 100 N08	10,0	7,5	400V
					PSST1127	6F 125 N10	12,5	9,2	400V
					PSST1128	6F 150 N12	15,0	11,0	400V
					PSST1129	6F 175 N14	17,5	13,0	400V
					PSST1130	6F 200 N16	20,0	15,0	400V
					PSST1131	6F 250 N20	25,0	18,5	400V
					PSST1132	6F 300 N24	30,0	22,0	400V
					PSST1133	6F 350 N28/SD	35,0	26,0	400V
					PSST1134	6F 400 N32/SD	40,0	30,0	400V
					PSST1135	6F 500 N40/SD	50,0	37,0	400V
PCPS546	6E 020 N02/4*			Pump only	PCPS550	6F 040 N03/4*			Pump only
PCPS546	6E 020 N02/4*			Pump only	PCPS551	6F 050 N04/4*			Pump only
PCPS547	6E 030 N03/4*			Pump only	PCPS564	6F 075 N06/4*			Pump only
PCPS547	6E 030 N03/4*			Pump only	PCPS552	6F 075 N06			Pump only
					PCPS553	6F 100 N08			Pump only
					PCPS554	6F 125 N10			Pump only
					PCPS555	6F 150 N12			Pump only
					PCPS556	6F 175 N14			Pump only
					PCPS557	6F 200 N16			Pump only
					PCPS558	6F 250 N20			Pump only
					PCPS559	6F 300 N24			Pump only
					PCPS560	6F 350 N28/SD			Pump only
					PCPS561	6F 400 N32/SD			Pump only
					PCPS562	6F 500 N40/SD			Pump only

*Combined with oil bath 4" motor

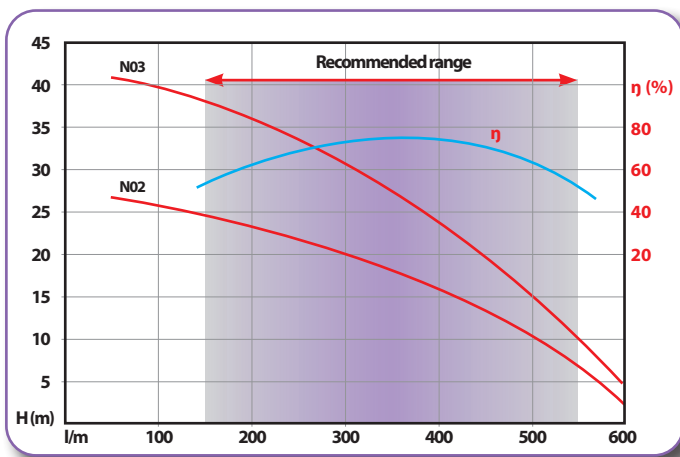


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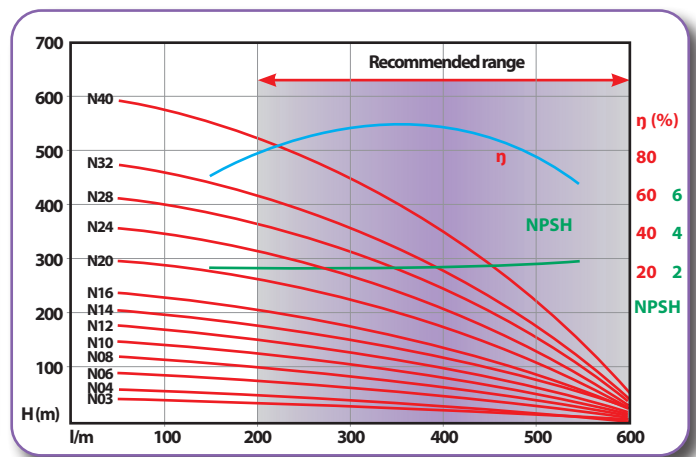
Electric Pumps > Vertical Axis, Submersible

6" SUBMERSIBLE ELECTRIC PUMPS (2900 RPM - 50 HZ) - TOTAL MANOMETRIC HEADS IN METERS

Type	m ³ /h	0	9	10,5	12	13,5	15	16,5	18	21	24	27	30	33	36	39
	l/min	0	150	175	200	225	250	275	300	350	400	450	500	550	600	650
	l/sec	0	2,50	2,92	3,33	3,75	4,17	4,58	5,00	5,83	6,67	7,50	8,33	9,17	10,0	10,8
6E 020 N02	mH2O	28	25	24	24	23	22	21	20	18	15	13	10	7	4	
6E 030 N03		42	38	37	35	34	33	32	30	27	23	19	15	10	5	
6F 040 N03	mH2O	46			40	39	38	36	35	32	29	25	21	16	10	4
6F 050 N04		61			53	52	50	49	47	43	39	33	27	21	13	5
6F 075 N06		92			79	77	75	73	70	65	58	50	41	31	20	8
6F 100 N08		122			106	103	100	97	94	86	77	67	55	42	27	11
6F 0125 N10		153			132	129	125	121	117	108	97	84	69	52	34	14
6F 150 N12		184			159	155	150	146	141	129	116	100	82	63	40	16
6F 175 N014		214			185	180	175	170	164	151	135	117	96	73	47	19
6F 200 N16		245			212	206	200	194	187	172	154	134	110	83	54	22
6F 250 N20		306			264	258	251	243	234	215	193	167	137	104	67	27
6F 300 N024		367			317	309	301	291	281	258	232	200	164	125	81	32
6SD 350 N28 SD		428			370	361	351	340	328	301	270	234	192	146	94	38
6SD 400 N32 SD		490			423	412	401	388	375	344	309	267	219	167	108	43
6D 500 N40 SD		612			529	515	501	486	468	430	386	334	274	208	134	54



6E series operating curves



6F series operating curves

Pumps



Technical Data

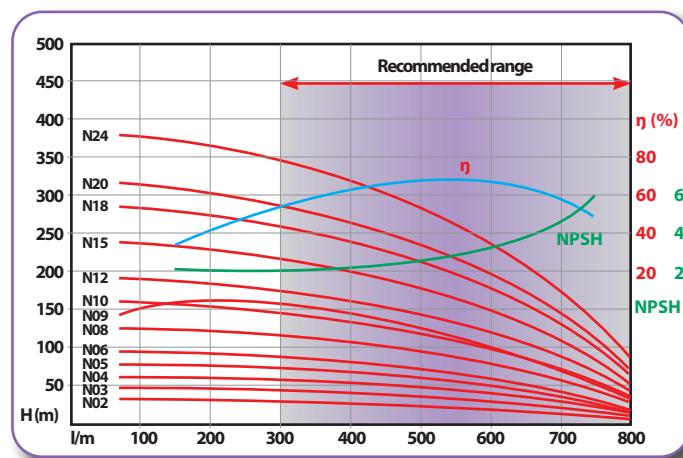
Electric Pumps > Vertical Axis, Submersible

6H SERIES 300 ÷ 800 L/M - 400 ÷ 7 MH2O					6I SERIES 400 ÷ 900 L/M - 16 ÷ 5 MH2O					6L SERIES - 500 ÷ 1.100 L/M - 232 ÷ 4 MH2O				
Code	Type	HP	Kw		Code	Type	HP	Kw		Code	Type	HP	Kw	
PSST1040	6H 040 N02/4*	4,0	3,0	400V	PSSM1030	6I 030 N02/4*	3,0	2,2	400V	PSST1060	6L 055 N03/4*	5,5	4,0	400V
PSST1041	6H 055 N03/4*	5,5	4,0	400V	PSST1050	6I 030 N02/4*	3,0	2,2	400V	PSST1061	6L 075 N04/4*	7,5	5,5	400V
PSST1042	6H 075 N04/4*	7,5	5,5	400V						PSST1161	6L 100 N04	10,0	7,5	400V
PSST1140	6H 075 N04	7,5	5,5	400V						PSST1162	6L 125 N06	12,5	9,2	400V
PSST1141	6H 100 N05	10,0	7,5	400V						PSST1163	6L 150 N07	15,0	11,0	400V
PSST1142	6H 125 N06	12,5	9,2	400V						PSST1164	6L 175 N08	17,5	13,0	400V
PSST1143	6H 150 N08	15,0	11,0	400V						PSST1165	6L 200 N09	20,0	15,0	400V
PSST1144	6H 175 N09	17,5	13,0	400V						PSST1166	6L 250 N12	25,0	18,5	400V
PSST1145	6H 200 N10	20,0	15,0	400V						PSST1167	6L 300 N12	30,0	22,0	400V
PSST1146	6H 250 N13	25,0	18,5	400V						PSST1168	6L 350 N15	35,0	26,0	400V
PSST1147	6H 300 N16	30,0	22,0	400V						PSST1169	6L 400 N19	40,0	30,0	400V
PSST1148	6H 350 N19	35,0	26,0	400V						PSST1170	6L 500 N22/S	50,0	37,0	400V
PSST1149	6H 400 N22	40,0	30,0	400V										
PSST1150	6H 500 N27/SD	50,0	37,0	400V										

PCPS569	6H 040 N02/4*	Pump only	PCPS590	6I 030 N02/4*	Pump only	PCPS599	6L 055 N03/4*	Pump only
PCPS570	6H 055 N03/4*	Pump only	PCPS590	6I 030 N02/4*	Pump only	PCPS600	6L 075 N04/4*	Pump only
PCPS571	6H 075 N04/4*	Pump only				PCPS602	6L 100 N04	Pump only
PCPS572	6H 075 N04	Pump only				PCPS605	6L 125 N06	Pump only
PCPS573	6H 100 N05	Pump only				PCPS603	6L 150 N07	Pump only
PCPS574	6H 125 N06	Pump only				PCPS609	6L 175 N08	Pump only
PCPS575	6H 150 N08	Pump only				PCPS606	6L 200 N09	Pump only
PCPS576	6H 175 N09	Pump only				PCPS607	6L 250 N12	Pump only
PCPS577	6H 200 N10	Pump only				PCPS608	6L 300 N12	Pump only
PCPS578	6H 250 N13	Pump only				PCPS610	6L 350 N15	Pump only
PCPS579	6H 300 N16	Pump only				PCPS611	6L 400 N19	Pump only
PCPS580	6H 350 N19	Pump only				PCPS612	6L 500 N22/S	Pump only
PCPS581	6H 400 N22	Pump only						
PCPS582	6H 500 N27/SD	Pump only						

*Combined with oil bath 4" motor

Pumps



6H series operating curves

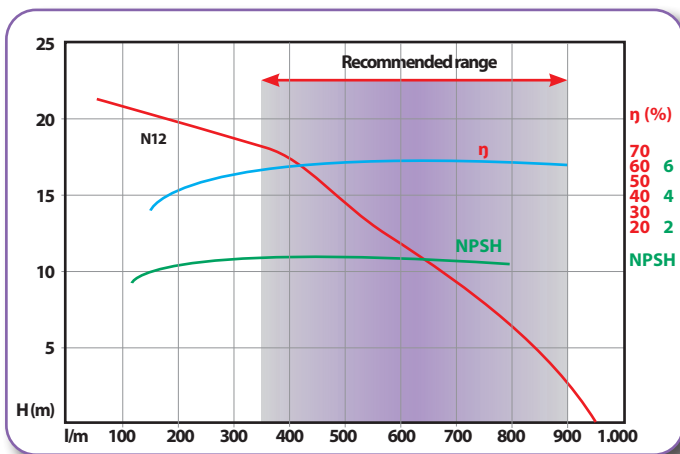


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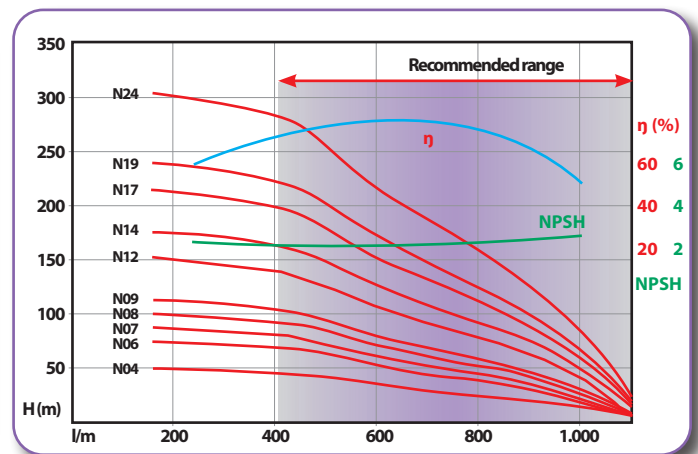
Electric Pumps > Vertical Axis, Submersible

6" SUBMERSIBLE ELECTRIC PUMPS (2900 RPM - 50 HZ) - TOTAL MANOMETRIC HEADS IN METERS

Type	m ³ /h	0	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	
		l/min	0	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
		l/sec	0	5,00	5,83	6,67	7,50	8,33	9,17	10,0	10,8	11,7	12,5	13,3	14,2	15,0	15,8	16,7	17,5	18,3
6H 040 N02/4	mH2O	31	28	27	26	25	23	21	19	16	13	10	7	3						
6H 055 N03/4		47	42	40	39	37	35	32	28	24	20	15	10	4						
6H 075 N04/4		62	55	54	52	49	46	42	38	32	26	20	13	6						
6H 100 N05		78	69	67	65	62	58	53	47	40	33	25	17	7						
6H 125 N06		93	83	81	78	74	70	64	57	48	39	30	20	8						
6H 150 N08		124	111	108	104	99	93	85	76	65	53	40	26	11						
6H 175 N09		140	125	121	117	111	104	96	85	73	59	45	30	13						
6H 200 N10		155	139	135	130	124	116	106	95	81	66	50	33	14						
6H 250 N13		202	180	175	169	161	151	138	123	105	86	64	43	18						
6H 300 N16		248	222	216	208	198	186	170	151	129	105	79	53	22						
6H 350 N19		295	264	256	246	235	220	202	180	154	125	94	63	27						
6H 400 N22		341	305	296	285	272	255	234	208	178	145	109	73	31						
6H 500 N27 SD		419	374	364	350	334	313	287	255	218	178	134	89	38						
6I 030 N12	mH2O	22		18	17	16	15	13	12	11	9	8	7	5	3					
6L 100 N04	mH2O	52			47	45	42	39	36	33	31	28	26	24	21	18	14	9	4	
6L 125 N06		77			70	68	63	58	54	50	46	43	39	36	32	27	21	14	6	
6L 150 N07		90			82	79	74	68	63	58	54	50	46	42	37	32	25	16	7	
6L 175 N08		103			93	90	84	78	72	66	61	57	53	48	43	36	28	18	8	
6L 200 N09		116			105	101	95	88	81	75	69	64	59	54	48	41	32	21	9	
6L250 N12		155			140	135	126	117	107	99	92	85	79	72	64	54	42	28	12	
6L 300 N 14		181			163	158	147	136	125	116	108	100	92	84	74	63	49	32	14	
6L 350 N017		219			198	191	179	165	152	141	131	121	112	102	90	77	60	39	17	
6L 400 N019		245			221	214	200	185	170	157	146	135	125	114	101	86	67	44	19	
6L 500 N24/S		310			280	270	252	234	215	199	184	171	158	144	128	108	84	55	24	



6I series operating curves



6L series operating curves

Pumps