

VS 78

TABLE OF HYDRAULIC PERFORMANCE AT 50 HZ

Pump model	R Vers.	RATED POWER		Q = DELIVERY										
				m ³ /h 0	30	40	50	60	70	80	90	100	110	120
				l/min 0	500	666	833	1000	1166	1333	1500	1666	1833	2000
[kW]		[HP]		H = TOTAL HEAD METERS COLUMN OF WATER [m]										
VS 78/2		7.5	10	40	38	35	32	30	29	24	20	18		
VS 78/3		11	15	60	55	51	49	45	41	36	30	24		
VS 78/4		15	20	80	74	70	65	60	55	49	41	32		
VS 78/5		18.5	25	99	92	88	81	75	69	60	51	41		
VS 78/6	●	22	30	119	110	104	98	89	81	71	60	49		
VS 78/7	●	30	40	139	130	122	114	105	96	85	72	58		
VS 78/8	●	30	40	159	149	140	131	120	110	98	82	67		
VS 78/9	●	30	40	180	168	158	147	135	123	110	92	73		
VS 78/10	●	37	50	197	183	172	160	148	134	119	100	79		
VS 78/11	●	37	50	216	202	190	176	162	148	130	110	87		
VS 78/12	●	45	60	248	232	219	205	189	172	153	131	106		
VS 78/13	●	55	75	269	252	237	221	205	188	168	142	115		
VS 78/14	●	55	75	289	271	256	239	220	201	180	153	123		
VS 78/15	●	55	75	309	290	274	255	235	215	192	165	132		
VS 78/16	●	75	100	332	311	294	275	252	231	208	177	143		
VS 78/17	●	75	100	352	330	312	291	269	246	220	188	151		
VS 78/18	●	75	100	373	350	330	309	284	260	232	198	161		
VS 78/19	●	75	100	394	370	348	325	300	275	245	210	170		
VS 78/20	●	75	100	415	389	368	343	316	290	259	220	179		
VS 78/21	●	75	100	436	409	385	360	331	304	271	231	189		
VS 78/22	●	93	125	457	428	404	378	347	320	284	243	198		
VS 78/23	●	93	125	478	446	421	394	362	332	297	254	207		
VS 78/24	●	93	125	498	467	440	411	379	348	310	265	216		

● = Pump available in R (AISI 904L) version

VS 97

TABLE OF HYDRAULIC PERFORMANCE AT 50 Hz

Pump model	R Vers.	RATED POWER		Q = DELIVERY										
				m ³ /h 0	30	40	50	60	70	80	90	100	110	120
				l/min 0	500	666	833	1000	1166	1333	1500	1666	1833	2000
[kW]		[HP]		H = TOTAL HEAD METERS COLUMN OF WATER [m]										
VS 97/2		9.3	12.5	42	41	39	36	32	30	29	26	22	19	15
VS 97/3		15	20	63	60	58	53	49	45	42	39	33	29	21
VS 97/4		18.5	25	84	81	77	71	65	60	57	51	45	38	30
VS 97/5	●	22	30	104	101	95	88	80	74	69.5	62	55	46	37
VS 97/6	●	30	40	127	122	115	107	98	90	84	77	68	57	46
VS 97/7	●	30	40	148	143	135	123	115	106	99	90	79	68	52
VS 97/8	●	37	50	168	160	151	140	130	120	110	100	88.5	74	59
VS 97/9	●	37	50	188	180	170	158	147	133	124	113	99	83	66
VS 97/10	●	45	60	219	211	200	185	172	159	148	137	120	103	82
VS 97/11	●	55	75	241	232	220	204	189	175	162	149	132	113	91
VS 97/12	●	55	75	262	253	240	221	207	191	178	162	143	123	99
VS 97/13	●	55	75	284	275	260	241	223	207	191	177	155	132	108
VS 97/14	●	75	100	309	297	282	261	242	226	209	191	169	145	121
VS 97/15	●	75	100	330	319	303	280	260	240	222	205	181	155	130
VS 97/16	●	75	100	352	340	322	299	279	258	238	220	194	165	139
VS 97/17	●	75	100	373	361	342	319	294	272	252	232	207	176	147
VS 97/18	●	93	125	398	382	363	337	313	289	268	247	219	188	155
VS 97/19	●	93	125	419	403	382	354	330	305	282	260	230	197	164
VS 97/20	●	93	125	440	423	404	372	347	320	298	273	241	208	171
VS 97/21	●	93	125	462	445	422	391	363	337	312	289	255	219	171
VS 97/22		110	150	484	466	442	410	381	353	328	301	267	229	190
VS 97/23		110	150	507	487	463	430	399	370	341	315	279	239	199

● = Pump available in R (AISI 904L) version

VS 97 50 Hz

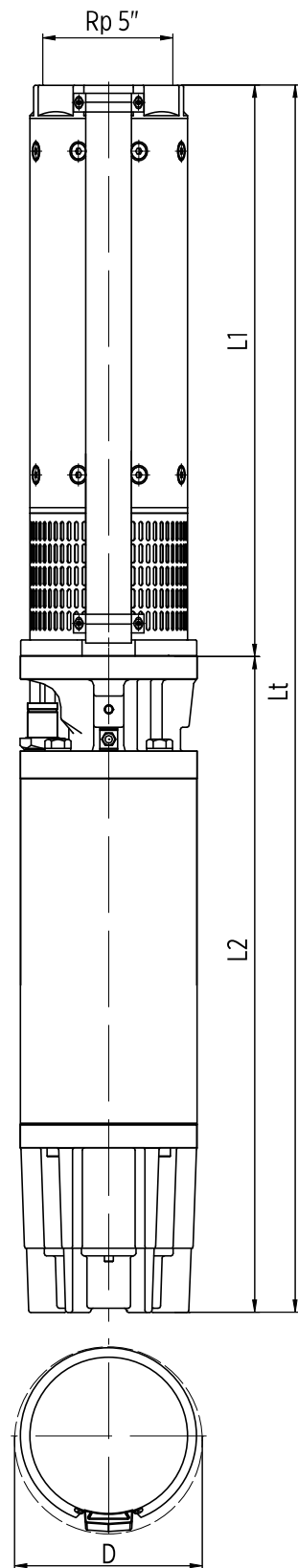
TECHNICAL DATA - PUMPS WITH ENCAPSULATED MOTOR

Pump model	Motor			Dimensions					Pump weight [Kg]
	Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
							1 cable	2 cable	
VS 97/2	E6	9,3	12,5	644	678,5	1322,5	188	194	79
VS 97/3	E6	15	20	770	776	1546	188	194	93
VS 97/4	E6	18,5	25	896	841,5	1737,5	188	194	105
VS 97/5	E6	22	30	1022	906,5	1928,5	188	194	115,5
VS 97/6	E6	30	40	1148	1036,5	2184,5	188	194	135
VS 97/7	E6	30	40	1274	1036,5	2310,5	188	194	140
VS 97/8	E6	37	50	1400	1405	2805	188	194	196
VS 97/9	E6	37	50	1526	1405	2931	188	194	201
VS 97/10	E8	45	60	1657	1077	2734	200	202	244
VS 97/11	E8	55	75	1783	1394	3177	200	202	279
VS 97/12	E8	55	75	1909	1394	3303	200	202	284
VS 97/13	E8	55	75	2035	1394	3429	200	202	289
VS 97/14	E8	75	100	2161	1496	3657	200	202	332
VS 97/15	E8	75	100	2287	1496	3783	200	202	337
VS 97/16	E8	75	100	2413	1496	3909	200	202	342
VS 97/17	E8	75	100	2539	1496	4035	200	202	346,5
VS 97/18	E8	93	125	2665	1748	4413	200	202	429,5
VS 97/19	E8	93	125	2791	1748	4539	200	202	434,5
VS 97/20	E8	93	125	2917	1748	4665	200	202	439
VS 97/21	E8	93	125	3043	1748	4791	200	202	444
VS 97/22	E8	110	150	3169	1976	5145	200	202	512
VS 97/23	E8	110	150	3295	1976	5271	200	202	517

TECHNICAL DATA - PUMPS WITH REWINDABLE MOTOR

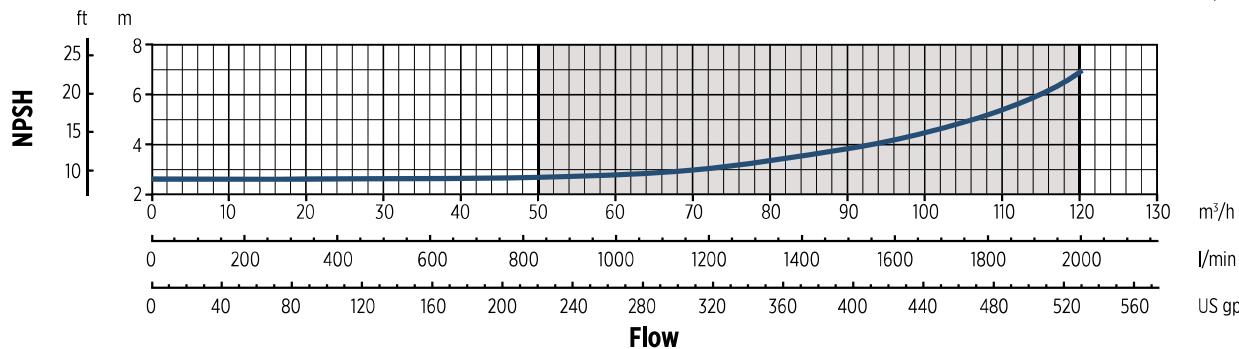
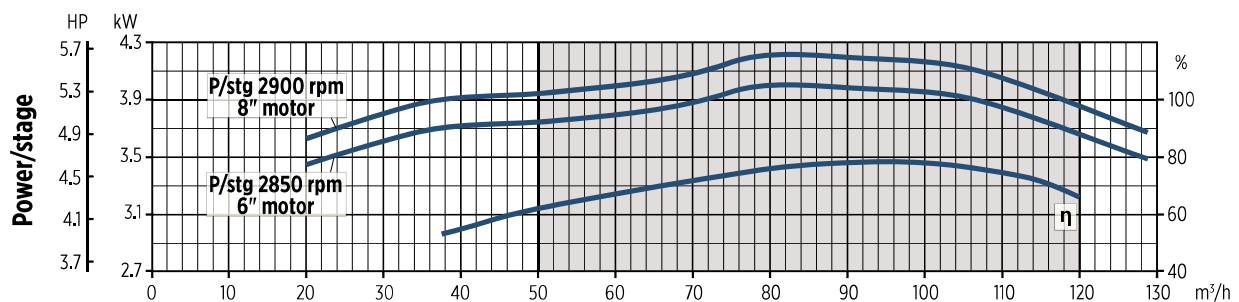
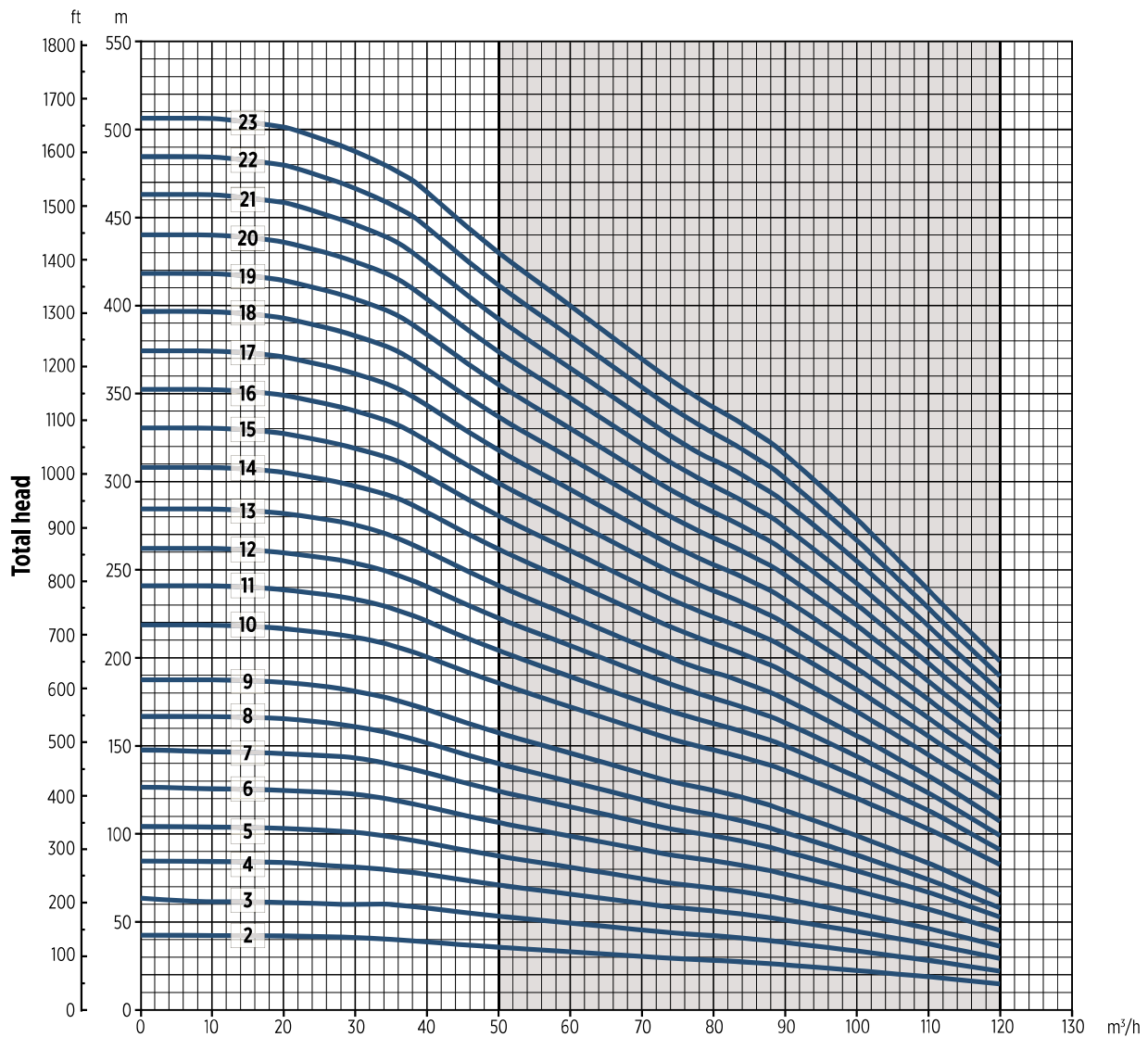
Pump model	R vers.	Motor			Dimensions					Pump weight [Kg]
		Type	[kW]	[HP]	L1 [mm]	L2 [mm]	Lt [mm]	D [mm]		
								1 cable	2 cable	
VS 97/2		6RW	9,3	12,5	644	749	1393	188	194	84,5
VS 97/3		6RW	13	17,5	770	829	1599	188	194	97,5
VS 97/4		6RW	18,5	25	896	919	1815	188	194	111,5
VS 97/5	●	6RW	22	30	1022	1009	2031	188	194	125
		8RW	30	40	1022	1140	2162	197	199,5	188
VS 97/6	●	6RW	26	35	1148	1114	2262	188	194	141
		8RW	30	40	1148	1140	2288	197	199,5	193
VS 97/7	●	6RW	30	40	1274	1214	2488	188	194	156
		8RW	30	40	1274	1140	2414	197	199,5	198
VS 97/8	●	6RW	37	50	1400	1294	2694	188	194	168
		8RW	37	50	1400	1140	2540	197	199,5	203
VS 97/9	●	6RW	37	50	1526	1294	2820	188	194	173
		8RW	37	50	1526	1140	2666	197	199,5	208
VS 97/10	●	8RW	45	70	1657	1230	2887	197	199,5	228
VS 97/11	●	8RW	52	70	1783	1340	3123	197	199,5	256
VS 97/12	●	8RW	52	75	1909	1340	3249	197	199,5	261
VS 97/13	●	8RW	55	90	2035	1340	3375	197	199,5	266
VS 97/14	●	8RW	67	90	2161	1470	3631	197	199,5	290
VS 97/15	●	8RW	67	90	2287	1470	3757	197	199,5	295
VS 97/16	●	8RW	75	100	2413	1560	3973	197	199,5	317
VS 97/17	●	8RW	75	100	2539	1560	4099	197	199,5	321,5
VS 97/18	●	8RW	83	110	2665	1560	4225	197	199,5	358,5
VS 97/19	●	8RW	83	110	2791	1560	4351	197	199,5	363,5
VS 97/20	●	8RW	93	125	2917	1740	4657	197	199,5	368
VS 97/21	●	8RW	93	125	3043	1740	4783	197	199,5	373

● = Pump available in R (AISI 904L) version



00130660 09/2017

PERFORMANCE CURVES AT 50 Hz



The hydraulic characteristics are guaranteed, according to ISO standard 9906:2012, grade 3B