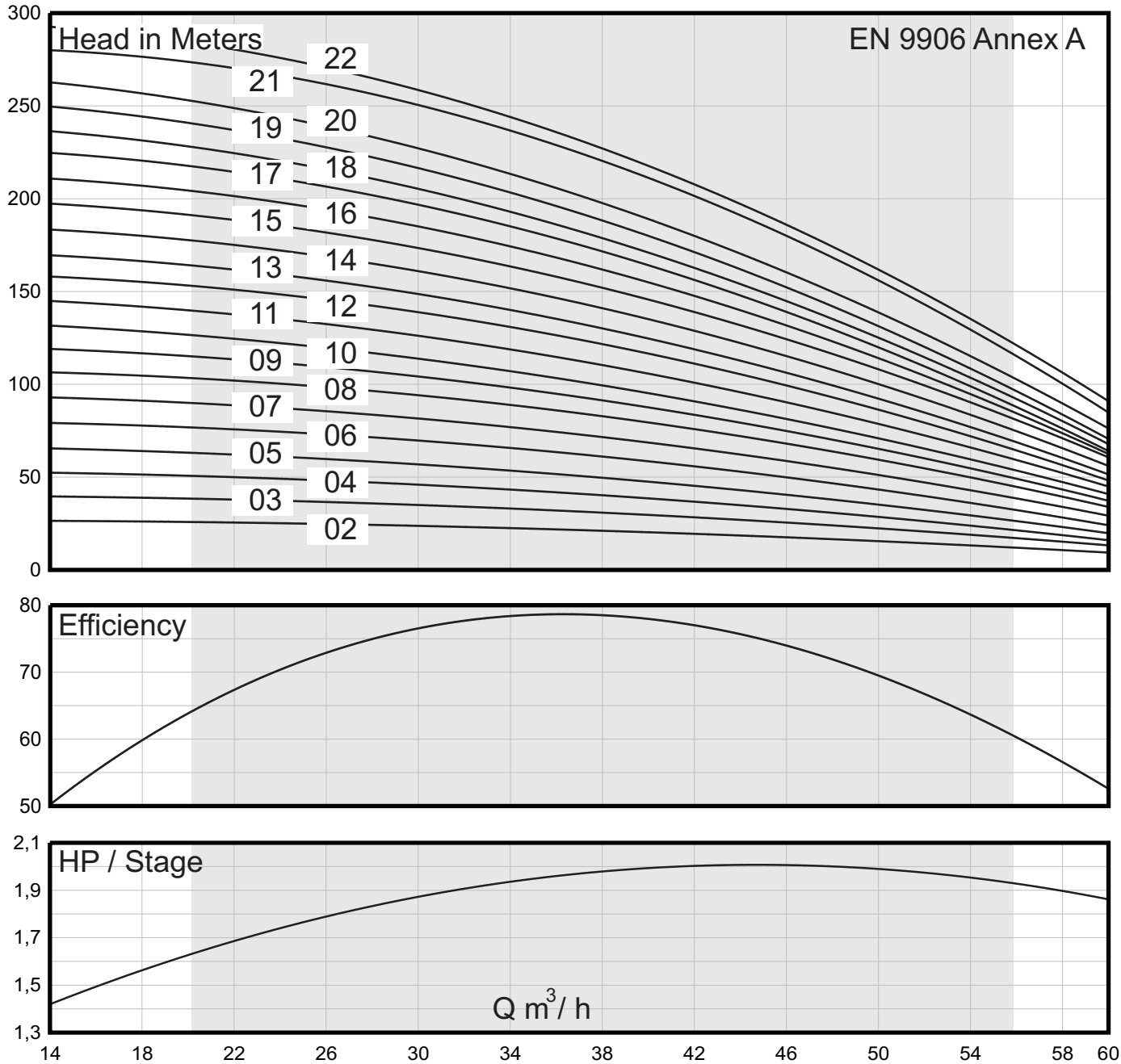


CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec	Q m ³ /h																							
	HP	kW		0,0	3,9	4,4	5,0	5,6	6,7	7,8	8,3	8,9	9,4	10,0	10,6	11,1	11,7	12,2	12,8	13,3	13,9	15,0	15,6	16,1	16,7		
VE 6 C 97 / 02	5,5	4		0	14	16	18	20	24	28	30	32	34	36	38	40	42	44	46	48	50	54	56	58	60		
VE 6 C 97 / 03	7,5	5,5		30	27	26	25	25	25	24	23	23	22	22	21	20	19	18	17	16	15	13	12	10	9		
VE 6 C 97 / 04	10	7,5		44	40	40	39	38	37	35	35	34	34	33	32	31	29	28	25	23	22	18	17	15	13		
VE 6 C 97 / 05	10	7,5		57	53	52	51	50	48	47	46	45	44	43	41	39	38	36	34	31	29	23	21	18	16		
VE 6 C 97 / 06	12,5	9,2		71	66	65	64	62	60	58	56	55	54	52	51	49	46	44	41	38	35	30	26	23	20		
VE 6 C 97 / 07	15	11		87	81	80	77	75	73	70	68	67	66	64	62	60	57	54	51	47	43	36	33	30	25		
VE 6 C 97 / 08	17,5	13		101	94	93	91	89	85	82	81	80	77	75	72	69	67	64	59	55	50	42	39	35	31		
VE 6 C 97 / 09	20	15		115	108	106	104	102	98	94	93	92	89	87	85	81	77	73	69	64	59	50	46	39	34		
VE 6 C 97 / 10	20	15		129	121	118	116	113	110	105	103	101	99	96	93	89	85	81	76	70	65	54	50	43	37		
VE 6 C 97 / 11	25	18,5		144	134	131	127	124	121	115	113	110	108	104	101	97	93	89	83	75	70	58	53	47	41		
VE 6 C 97 / 12	25	18,5		158	147	144	141	138	133	127	124	123	120	116	112	108	103	99	92	84	78	65	57	51	44		
VE 6 C 97 / 13	30	22		172	160	158	154	151	145	139	136	135	133	128	123	119	114	109	101	93	86	71	61	55	48		
VE 6 C 97 / 14	30	22		187	172	168	165	161	156	150	147	145	142	137	132	127	121	115	108	100	92	75	69	58	50		
VE 6 C 97 / 15	30	22		201	187	182	178	174	168	162	159	156	153	148	143	139	132	125	117	108	99	82	75	63	54		
VE 6 C 97 / 16	35	26		216	201	197	192	188	182	174	171	168	165	160	155	150	143	136	126	115	107	90	81	68	59		
VE 6 C 97 / 17	35	26		230	214	210	205	200	195	187	184	179	175	170	165	158	151	143	134	123	113	94	82	71	61		
VE 6 C 97 / 18	40	30		245	228	223	218	213	208	200	197	191	186	181	174	166	160	151	141	131	118	98	84	74	63		
VE 6 C 97 / 19	40	30		259	239	235	228	224	218	209	206	198	195	188	181	173	166	157	147	135	123	103	89	78	68		
VE 6 C 97 / 20	40	30		273	253	248	241	236	230	221	216	210	205	198	191	184	175	165	154	140	129	106	93	82	71		
VE 6 C 97 / 21	50	37		288	265	260	253	248	243	233	226	221	215	209	201	194	184	173	161	146	135	111	101	90	77		
VE 6 C 97 / 22	50	37		302	284	278	271	269	264	255	249	244	239	230	223	214	205	196	183	170	155	124	112	99	84		
				316	295	289	282	279	275	264	260	253	246	239	229	220	209	199	188	173	158	132	119	105	92		

VE 6 C 97

Submersible Pumps

TECHNICAL SPECIFICATIONS

LIQUID BEING PUMPED

Chemically and mechanically non aggressive.
 Temperature min=0°C max=40°C.
 Maximum allowable solid quantity = 50 g/m³
 Maximum allowable solid dimension: Max 2 mm

OPERATING RANGE AT 2900 RPM:

Power = 5,5 HP - 50 HP
 Qmax= 60 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 36 m³/h
 H= 239 m

MAXIMUM EXTERNAL PUMP DIAMETER:

153 mm (Including cable guard)

OUTLET DIAMETER:

3"

MAXIMUM DEPTH OF APPLICATION:

Up to 250 m below the water level

MAXIMUM WORKING PRESSURE:

25 atm

MINIMUM LIQUID LEVEL:

800 mm

MAXIMUM HEAD:

295 m

IMPELLER TYPE:

Semiaxial

MATERIAL LIST

PART NAME	MATERIAL
Shaft	Stainless steel (AISI 420)
Support	Cast Iron (GG25)
Coupling	Stainless steel (AISI 420)
Coupling screw	Stainless steel (AISI 304)
Bearing	Rubber/Steel
Sand guard	Stainless steel (AISI 420)
Sand guard screw	Stainless steel (AISI 304)
Diffuser	Cast Iron (GG25)
Wear ring	Rubber/Steel
Impeller	Cast Iron (GG25)
Bushing	Stainless steel (AISI 420)
Screw	Stainless steel (AISI 304)
Gland	Guarnital
Valve ring	Iron
Valve wear	Rubber
Valve body	Cast Iron (GG25)
Valve	Bronze (Gz-Rg5)
Valve spring	Stainless steel (AISI 304)
Strainer	Stainless steel (AISI 304)
Cable guard	Resine

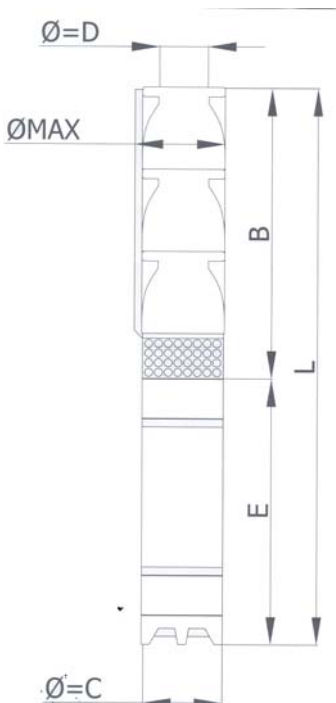
OPTIONS

Casting materials : Cast iron, bronze, special bronze
 Outlet : 3" - 4" 11 TPI or flange connection
 Wear ring, bearing : Bronze
 Motor-pump : Cooling shroud
 Stopping screw

INFORMATIONS

Rotation: Counterclockwise
 Shaft End: NEMA Standard
 Shaft Diameter: 25 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



TYPE & STAGES	POWER		PUMP & MOTOR DIMENSIONS (mm)						PUMP & MOTOR WEIGHT (kg)		
	HP	KW	L	E	B	Ø = C	Ø = D	Ø GROUP	MOTOR	PUMP	TOTAL
VE 6 C 97 / 02	5,5	4	1246	631	615	145	3"	153	45	25	70
VE 6 C 97 / 03	7,5	5,5	1381	651	730	145	3"	153	50	31	81
VE 6 C 97 / 04	10	7,5	1536	691	845	145	3"	153	55	37	92
VE 6 C 97 / 05	10	7,5	1651	691	960	145	3"	153	55	43	98
VE 6 C 97 / 06	12,5	9,2	1806	731	1075	145	3"	153	60	49	109
VE 6 C 97 / 07	15	11	1971	781	1190	145	3"	153	65	55	120
VE 6 C 97 / 08	17,5	13	2136	831	1305	145	3"	153	67	61	128
VE 6 C 97 / 09	20	15	2301	881	1420	145	3"	153	77	67	144
VE 6 C 97 / 10	20	15	2416	881	1535	145	3"	153	77	73	150
VE 6 C 97 / 11	25	18,5	2631	981	1650	145	3"	153	88	79	167
VE 6 C 97 / 12	25	18,5	2746	981	1765	145	3"	153	88	85	173
VE 6 C 97 / 13	30	22	2911	1031	1880	145	3"	153	93	91	184
VE 6 C 97 / 14	30	22	3026	1031	1995	145	3"	153	93	97	190
VE 6 C 97 / 15	30	22	3141	1031	2110	145	3"	153	93	103	196
VE 6 C 97 / 16	35	26	3336	1111	2225	145	3"	153	105	109	214
VE 6 C 97 / 17	35	26	3451	1111	2340	145	3"	153	105	115	220
VE 6 C 97 / 18	40	30	3646	1191	2455	145	3"	153	112	121	233
VE 6 C 97 / 19	40	30	3761	1191	2570	145	3"	153	112	127	239
VE 6 C 97 / 20	40	30	3876	1191	2685	145	3"	153	112	133	245
VE 6 C 97 / 21	50	37	4071	1271	2800	145	3"	153	114	139	253
VE 6 C 97 / 22	50	37	4186	1271	2915	145	3"	153	114	145	259