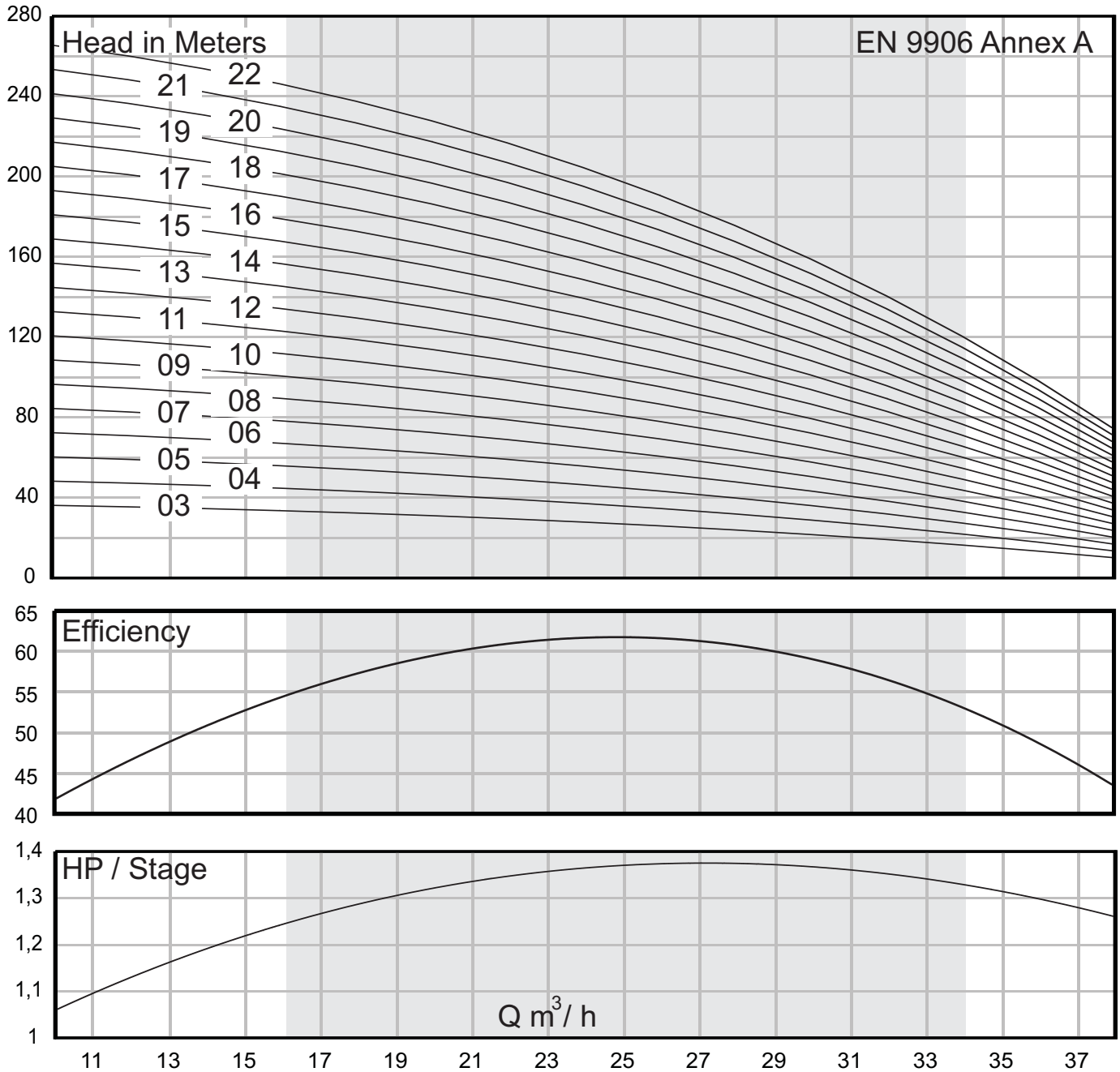


CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec	Q m ³ /h																	
	HP	kW		Head In Meters																	
			m ³ /h																		
VE 6 C 83 / 03	5,5	4	0,0	0,0	2,8	3,3	3,9	4,4	5,0	5,6	6,1	6,7	7,2	7,8	8,3	8,9	9,4	10,0	10,6		
VE 6 C 83 / 04	5,5	4	0	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38			
VE 6 C 83 / 05	7,5	5,5	38	36	35	35	34	32	31	30	28	26	24	22	19	16	13	10			
VE 6 C 83 / 06	10	7,5	51	48	47	46	45	43	41	39	37	35	32	29	26	22	18	13			
VE 6 C 83 / 07	10	7,5	64	60	59	58	56	54	52	49	46	43	40	36	32	27	22	17			
VE 6 C 83 / 08	12,5	9,2	77	72	71	69	67	65	62	59	56	52	48	43	38	33	27	20			
VE 6 C 83 / 09	15	11	89	84	83	81	78	76	73	69	65	61	56	51	45	38	31	24			
VE 6 C 83 / 10	15	11	102	97	95	92	90	86	83	79	74	69	64	58	51	44	36	27			
VE 6 C 83 / 11	17,5	13	115	109	106	104	101	97	93	89	84	78	72	65	58	49	40	30			
VE 6 C 83 / 12	17,5	13	128	121	118	115	112	108	104	99	93	87	80	72	64	55	45	34			
VE 6 C 83 / 13	20	15	140	133	130	127	123	119	114	108	102	95	88	80	70	60	49	37			
VE 6 C 83 / 14	20	15	153	145	142	138	134	130	124	118	112	104	96	87	77	66	54	40			
VE 6 C 83 / 15	25	18,5	166	157	154	150	146	140	135	128	121	113	104	94	83	71	58	44			
VE 6 C 83 / 16	25	18,5	179	169	166	162	157	151	145	138	130	121	112	101	89	77	63	47			
VE 6 C 83 / 17	25	18,5	191	181	177	173	168	162	155	148	139	130	120	108	96	82	67	51			
VE 6 C 83 / 18	30	22	204	193	189	185	179	173	166	158	149	139	128	116	102	88	72	54			
VE 6 C 83 / 19	30	22	217	205	201	196	190	184	176	168	158	147	136	123	109	93	76	57			
VE 6 C 83 / 20	30	22	230	217	213	208	202	194	186	177	167	156	144	130	115	99	80	61			
VE 6 C 83 / 21	35	26	242	229	225	219	213	205	197	187	177	165	152	137	121	104	85	64			
VE 6 C 83 / 22	35	26	255	241	237	231	224	216	207	197	186	174	160	145	128	110	89	67			
			268	253	248	242	235	227	218	207	195	182	168	152	134	115	94	71			
			281	266	260	254	246	238	228	217	205	191	176	159	141	120	98	74			

VE 6 C 83

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 - 35 HP
 Qmax= 38 m³/ h

AT THE BEST EFFICIENCY POINT:

Q= 30 m³/ h
 H= 160 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:

266 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

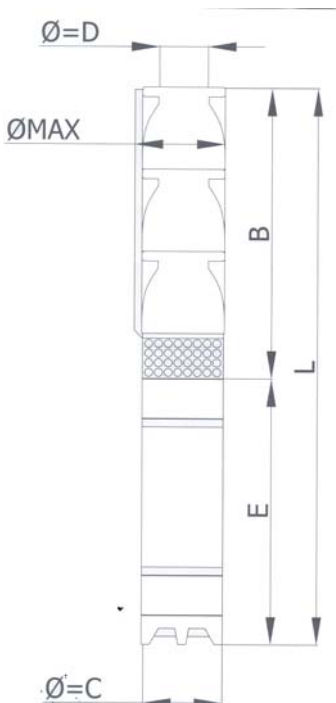
OPTIONS

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 83 / 03	5,5	4	1320	610	710	145	3"	153	45	33	78
VE 6 C 83 / 04	5,5	4	1440	610	830	145	3"	153	45	39	84
VE 6 C 83 / 05	7,5	5,5	1601	651	950	145	3"	153	50	46	96
VE 6 C 83 / 06	10	7,5	1761	691	1070	145	3"	153	55	52	107
VE 6 C 83 / 07	10	7,5	1881	691	1190	145	3"	153	55	59	114
VE 6 C 83 / 08	12,5	9,2	2041	731	1310	145	3"	153	60	65	125
VE 6 C 83 / 09	15	11	2211	781	1430	145	3"	153	65	72	137
VE 6 C 83 / 10	15	11	2331	781	1550	145	3"	153	65	78	143
VE 6 C 83 / 11	17,5	13	2501	831	1670	145	3"	153	67	85	152
VE 6 C 83 / 12	17,5	13	2621	831	1790	145	3"	153	67	91	158
VE 6 C 83 / 13	20	15	2791	881	1910	145	3"	153	77	98	175
VE 6 C 83 / 14	20	15	2911	881	2030	145	3"	153	77	104	181
VE 6 C 83 / 15	25	18,5	3131	981	2150	145	3"	153	88	111	199
VE 6 C 83 / 16	25	18,5	3251	981	2270	145	3"	153	88	117	205
VE 6 C 83 / 17	25	18,5	3371	981	2390	145	3"	153	88	124	212
VE 6 C 83 / 18	30	22	3541	1031	2510	145	3"	153	93	130	223
VE 6 C 83 / 19	30	22	3661	1031	2630	145	3"	153	93	136	229
VE 6 C 83 / 20	30	22	3781	1031	2750	145	3"	153	93	143	236
VE 6 C 83 / 21	35	26	3981	1111	2870	145	3"	153	105	149	254
VE 6 C 83 / 22	35	26	4101	1111	2990	145	3"	153	105	156	261