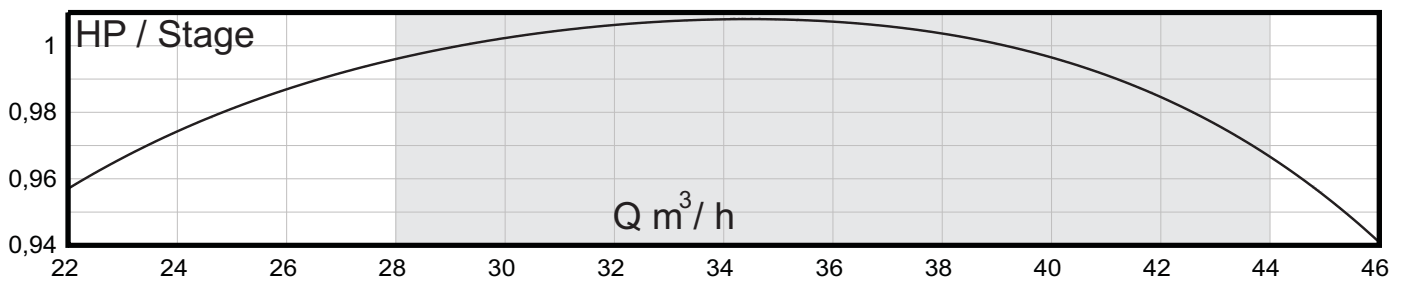
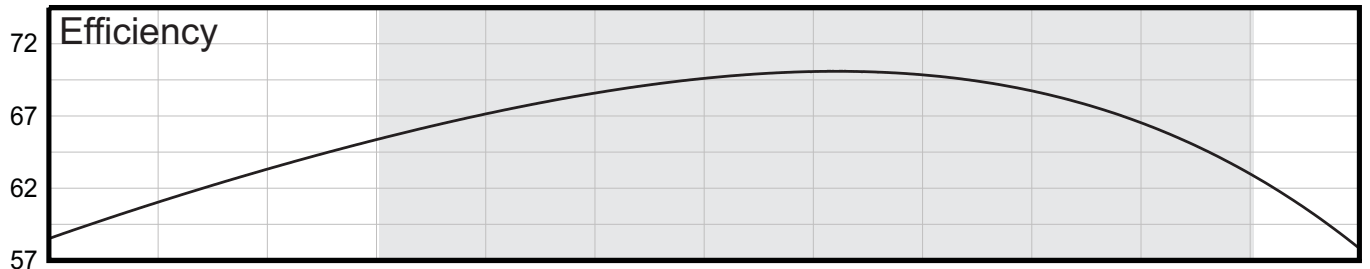
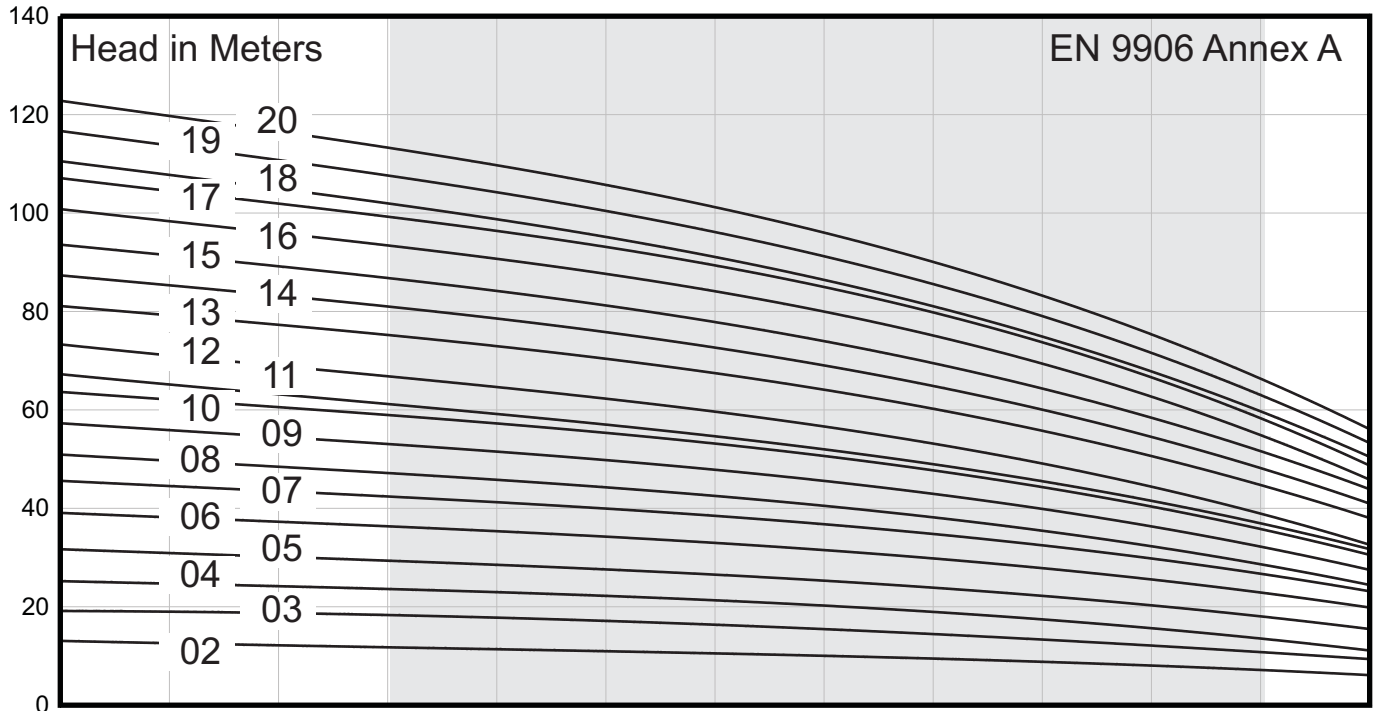


CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER			l/sec	0,00	6,11	6,67	7,22	7,78	8,33	8,89	9,44	10,00	10,56	11,11	11,67	12,22	12,78
	4" HP	5" HP	kW		m³/h	0,0	22,0	24,0	26,0	28,0	30,0	32,0	34,0	36,0	38,0	40,0	42,0	44,0
VE 5 C 97 / 02	2	-	1,5	Head In Meters	20	13	13	12	12	11	11	10	10	9	9	8	7	6
VE 5 C 97 / 03	3	-	2,2		31	21	20	19	18	18	17	16	15	14	13	12	11	9
VE 5 C 97 / 04	4	-	3		40	26	25	24	23	22	21	20	19	18	17	16	13	11
VE 5 C 97 / 05	5,5	-	4		49	32	31	30	29	28	27	26	25	23	22	20	18	15
VE 5 C 97 / 06	7,5	7,5	5,5		60	39	38	37	36	35	34	33	31	30	28	25	23	20
VE 5 C 97 / 07	7,5	7,5	5,5		70	46	44	43	42	41	40	39	37	35	33	30	26	23
VE 5 C 97 / 08	10	10	7,5		78	51	50	48	47	46	45	42	41	38	35	33	29	24
VE 5 C 97 / 09	10	10	7,5		87	57	56	54	53	51	50	48	46	42	39	37	33	27
VE 5 C 97 / 10	10	10	7,5		97	64	62	60	59	57	56	53	51	47	44	41	37	30
VE 5 C 97 / 11	-	12,5	9,2		102	67	65	63	62	59	57	54	52	49	45	42	38	31
VE 5 C 97 / 12	-	12,5	9,2		111	73	71	69	67	65	62	59	57	53	49	45	39	33
VE 5 C 97 / 13	-	15	11		123	81	79	77	76	73	71	67	64	60	56	50	45	38
VE 5 C 97 / 14	-	15	11		133	88	85	83	81	79	76	72	69	65	60	54	49	41
VE 5 C 97 / 15	-	15	11		142	94	91	89	87	84	82	77	74	69	64	58	52	44
VE 5 C 97 / 16	-	17,5	12,7		152	101	98	95	94	91	88	83	80	75	69	63	56	45
VE 5 C 97 / 17	-	17,5	12,7		162	107	105	101	100	96	94	89	85	80	73	67	59	48
VE 5 C 97 / 18	-	20	15		167	111	108	105	102	99	95	91	86	81	75	68	60	50
VE 5 C 97 / 19	-	20	15		177	117	114	110	108	105	101	96	91	85	79	72	63	53
VE 5 C 97 / 20	-	20	15		186	123	120	116	113	110	106	101	96	90	84	75	66	56

VE 5 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 = 2 HP - 20 HP
 Qmax= 48 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 36 m³/h
 H= 96 m

MAXIMUM EXTERNAL PUMP DIAMETER:

123 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:

700 mm

MAXIMUM HEAD:

123 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 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

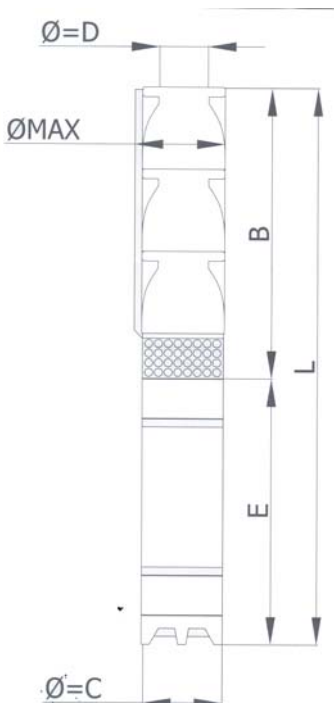
OPTIONS

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

INFORMATIONS

Rotation: Counterclockwise
 Shaft End: NEMA Standard
 Shaft Diameter: 20 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



TYPE & STAGES	POWER			PUMP & MOTOR DIMENSIONS (mm)								PUMP & MOTOR WEIGHT (kg)				
	4" HP	5" HP	kW	4"		5"		B	Ø=C	Ø=D	Ø GROUP	MOTOR		PUMP		
				L	L	E	E					4"	5"	TOTAL	TOTAL	
VE 5 C 97 / 02	2	-	1,5	961	-	431	-	530	93	3"	120	12	-	12,1	24	-
VE 5 C 97 / 03	3	-	2,2	1129	-	489	-	640	93	3"	120	14	-	15,5	29,3	-
VE 5 C 97 / 04	4	-	3	1298	-	548	-	750	93	3"	120	18	-	18,8	36,4	-
VE 5 C 97 / 05	5,5	-	4	1478	-	618	-	860	93	3"	120	21	-	22,2	43,1	-
VE 5 C 97 / 06	7,5	7,5	5,5	1658	1665	688	695	970	93	3"	120	24	37,5	25,5	49,5	63
VE 5 C 97 / 07	7,5	7,5	5,5	1768	1775	688	695	1080	93	3"	120	24	37,5	28,9	52,9	66,4
VE 5 C 97 / 08	10	10	7,5	1958	1930	768	740	1190	93	3"	120	28	41	32,2	60,2	73,2
VE 5 C 97 / 09	10	10	7,5	2068	2040	768	740	1300	93	3"	120	28	41	35,6	63,6	76,6
VE 5 C 97 / 10	10	10	7,5	2178	2150	768	740	1410	93	3"	120	28	41	38,9	67	79,9
VE 5 C 97 / 11	-	12,5	9,2	-	2305	-	785	1520	123	3"	123	-	45	42,3	-	87,3
VE 5 C 97 / 12	-	12,5	9,2	-	2415	-	785	1630	123	3"	123	-	45	45,6	-	90,6
VE 5 C 97 / 13	-	15	11	-	2575	-	835	1740	123	3"	123	-	50	49	-	99
VE 5 C 97 / 14	-	15	11	-	2685	-	835	1850	123	3"	123	-	50	52,3	-	102
VE 5 C 97 / 15	-	15	11	-	2795	-	835	1960	123	3"	123	-	50	55,7	-	106
VE 5 C 97 / 16	-	17,5	12,7	-	2950	-	880	2070	123	3"	123	-	53,5	59	-	113
VE 5 C 97 / 17	-	17,5	12,7	-	3060	-	880	2180	123	3"	123	-	53,5	62,4	-	116
VE 5 C 97 / 18	-	20	15	-	3225	-	935	2290	123	3"	123	-	58	65,7	-	124
VE 5 C 97 / 19	-	20	15	-	3335	-	935	2400	123	3"	123	-	58	69,1	-	127
VE 5 C 97 / 20	-	20	15	-	3445	-	935	2510	123	3"	123	-	58	72,4	-	130