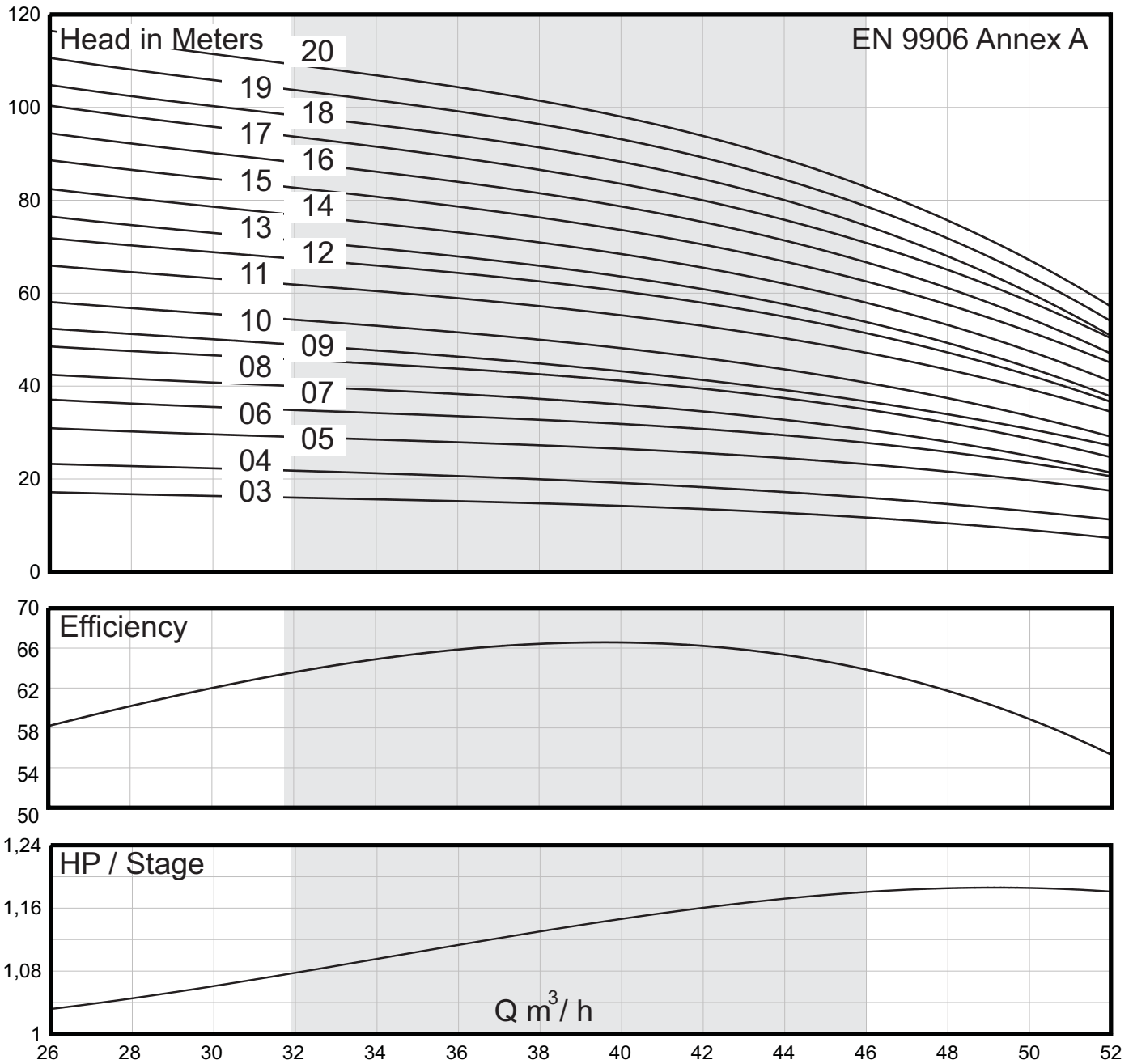


CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER			l/sec	Q m ³ /h																
	4" HP	5" HP	kW		0,00	7,22	7,78	8,33	8,89	9,44	10,00	10,56	11,11	11,67	12,22	12,78	13,33	13,89	14,44		
				m ³ /h	0,0	26,0	28,0	30,0	32,0	34,0	36,0	38,0	40,0	42,0	44,0	46,0	48,0	50,0	52,0		
VE 5 C 111 / 03	4	-	3	Head In Meters	25	17	17	16	16	15	15	14	14	13	12	11	10	9	7		
VE 5 C 111 / 04	5,5	-	4		35	23	23	22	22	21	20	19	18	17	16	15	14	13	11		
VE 5 C 111 / 05	7,5	-	5,5		46	31	31	30	29	29	28	27	26	25	24	23	22	20	18		
VE 5 C 111 / 06	7,5	-	5,5		55	38	38	37	36	35	34	33	32	31	30	28	26	23	20		
VE 5 C 111 / 07	10	-	7,5		62	42	42	41	40	39	38	37	36	35	33	31	28	25	22		
VE 5 C 111 / 08	10	-	7,5		71	48	48	47	46	45	44	42	41	40	38	36	32	28	25		
VE 5 C 111 / 09	-	12,5	9,2		78	52	51	50	49	48	46	44	43	41	39	38	34	30	27		
VE 5 C 111 / 10	-	12,5	9,2		87	58	57	56	55	53	51	49	48	46	44	42	38	34	29		
VE 5 C 111 / 11	-	15	11		96	66	64	63	62	61	59	57	54	53	50	48	44	39	34		
VE 5 C 111 / 12	-	15	11		105	72	70	69	67	66	64	62	59	58	55	52	48	43	36		
VE 5 C 111 / 13	-	17,5	12,7		111	76	75	73	72	70	68	65	63	61	58	54	49	44	37		
VE 5 C 111 / 14	-	17,5	12,7		120	82	81	79	77	75	73	70	68	65	62	58	53	48	41		
VE 5 C 111 / 15	-	20	15		128	88	87	85	83	81	78	76	73	71	67	63	58	52	45		
VE 5 C 111 / 16	-	20	15		136	94	93	91	89	87	84	81	77	75	71	67	62	55	46		
VE 5 C 111 / 17	-	20	15		145	100	99	96	94	92	89	86	82	80	76	71	66	58	49		
VE 5 C 111 / 18	-	25	18,5		147	105	103	101	98	96	94	91	88	84	80	75	69	60	51		
VE 5 C 111 / 19	-	25	18,5		155	110	108	107	104	102	99	96	93	89	84	79	73	63	54		
VE 5 C 111 / 20	-	25	18,5		163	116	114	112	109	107	104	101	98	94	89	84	76	66	57		

VE 5 C 111

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 = 4 HP - 25 HP
 Qmax= 52 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 40 m³/h
 H= 98 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:

116 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

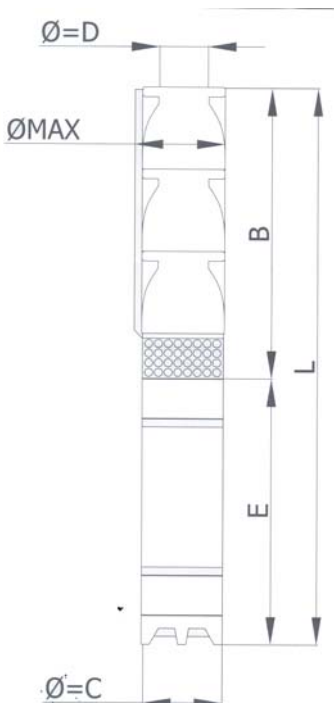
OPTIONS

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"		5"		4"		5"		4"		5"		
	4" HP	5" HP	kW	L	L	E	E	B	Ø = C	Ø = D	Ø GROUP	MOTOR	PUMP	TOTAL	TOTAL	
VE 5 C 111 / 03	4	-	3	1188	-	548	-	640	93	3"	120	18	-	15,5	33	-
VE 5 C 111 / 04	5,5	-	4	1368	-	618	-	750	93	3"	120	21	-	18,8	39,7	-
VE 5 C 111 / 05	7,5	7,5	5,5	1548	1555	688	695	860	93	3"	120	24	37,5	22,2	46,2	59,7
VE 5 C 111 / 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 111 / 07	10	10	7,5	1848	1820	768	740	1080	93	3"	120	28	41	28,9	56,9	69,9
VE 5 C 111 / 08	10	10	7,5	1958	1930	768	740	1190	93	3"	120	28	41	32,2	60,2	73,2
VE 5 C 111 / 09	-	12,5	9,2	-	2085	-	785	1300	123	3"	123	-	45	35,6	-	80,6
VE 5 C 111 / 10	-	12,5	9,2	-	2195	-	785	1410	123	3"	123	-	45	38,9	-	83,9
VE 5 C 111 / 11	-	15	11	-	2355	-	835	1520	123	3"	123	-	50	42,3	-	92,3
VE 5 C 111 / 12	-	15	11	-	2465	-	835	1630	123	3"	123	-	50	45,6	-	95,6
VE 5 C 111 / 13	-	17,5	12,7	-	2620	-	880	1740	123	3"	123	-	53,5	49	-	102
VE 5 C 111 / 14	-	17,5	12,7	-	2730	-	880	1850	123	3"	123	-	53,5	52,3	-	106
VE 5 C 111 / 15	-	20	15	-	2895	-	935	1960	123	3"	123	-	58	55,7	-	114
VE 5 C 111 / 16	-	20	15	-	3005	-	935	2070	123	3"	123	-	58	59	-	117
VE 5 C 111 / 17	-	20	15	-	3115	-	935	2180	123	3"	123	-	58	62,4	-	120
VE 5 C 111 / 18	-	25	18,5	-	3225	-	935	2290	123	3"	123	-	58	65,7	-	124
VE 5 C 111 / 19	-	25	18,5	-	3335	-	935	2400	123	3"	123	-	58	69,1	-	127
VE 5 C 111 / 20	-	25	18,5	-	3445	-	935	2510	123	3"	123	-	58	72,4	-	130