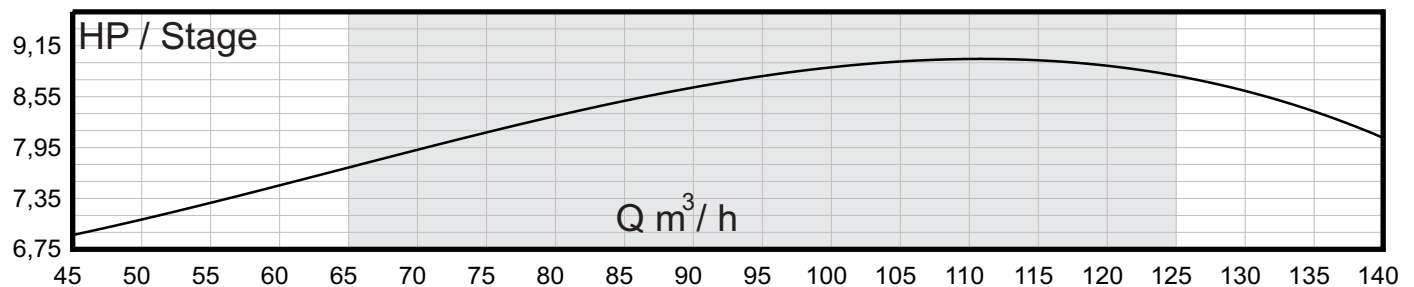
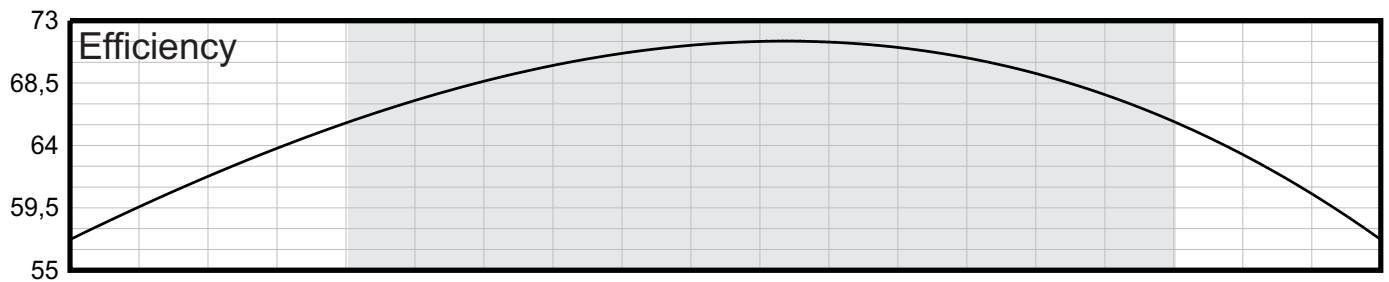
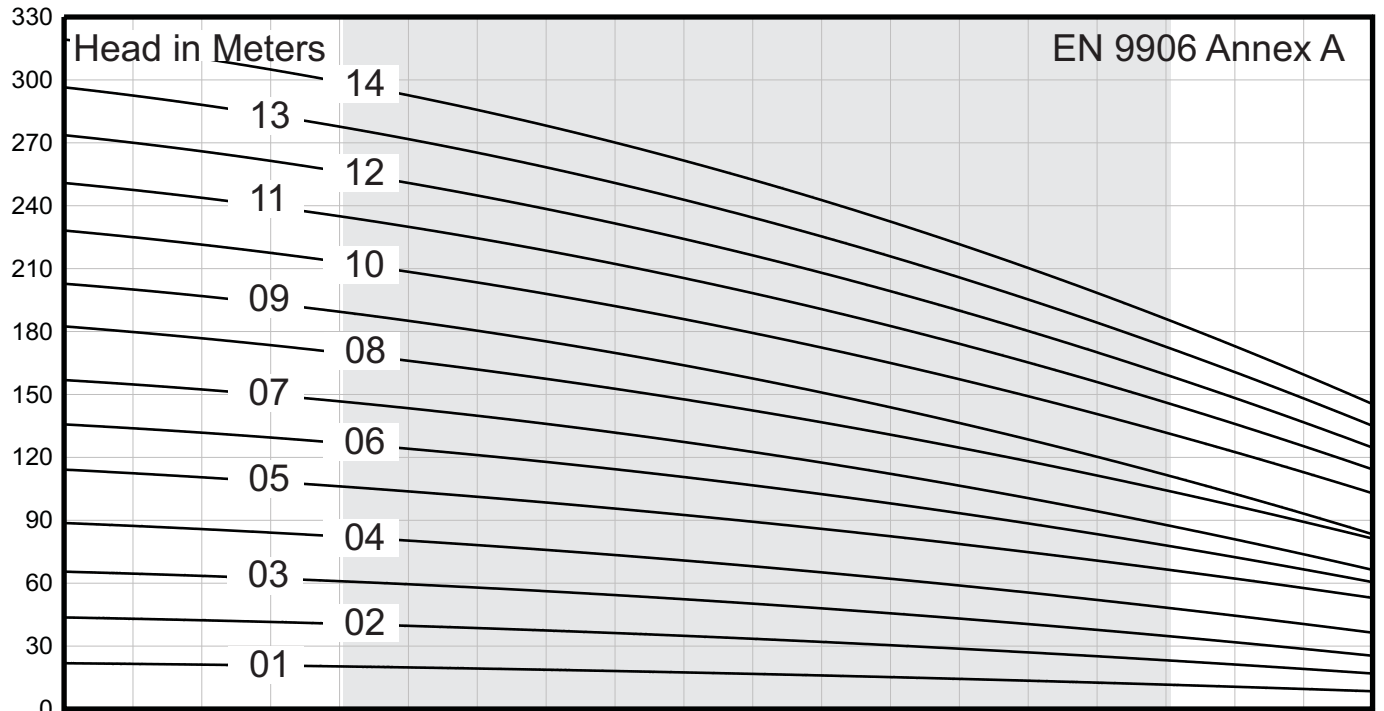


# CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER			l/sec	Q m <sup>3</sup> /h																			
	6" HP	8" HP	kW		0	48	54	60	66	72	75	80	84	90	96	100	105	108	110	115	120	125	130	135
VE 7 C 250 / 01	10	-	7,5	24	22	21	21	20	19	19	18	17	17	16	16	15	15	14	13	13	12	11	10	8
VE 7 C 250 / 02	20	-	15	49	43	42	41	40	39	38	37	36	35	34	33	31	29	29	26	25	23	21	19	17
VE 7 C 250 / 03	30	-	22	73	65	63	62	60	58	57	56	55	53	51	49	46	44	43	40	38	35	32	29	25
VE 7 C 250 / 04	40	-	30	99	88	86	85	82	79	77	75	73	71	68	66	63	60	59	55	51	48	45	41	36
VE 7 C 250 / 05	50	50	37	124	113	111	108	105	102	100	98	96	93	90	88	84	81	80	73	69	67	62	58	53
VE 7 C 250 / 06	60	60	45	150	136	132	130	125	121	120	117	114	111	107	105	100	95	94	88	82	78	72	67	61
VE 7 C 250 / 07	-	70	52	173	156	153	150	145	140	139	136	133	127	123	120	113	109	107	99	93	88	81	74	66
VE 7 C 250 / 08	-	80	59	199	182	177	174	167	163	160	156	153	149	143	139	133	127	125	116	110	105	97	90	80
VE 7 C 250 / 09	-	90	66	223	202	198	194	187	181	177	173	170	165	159	154	145	139	138	130	120	111	102	93	83
VE 7 C 250 / 10	-	100	75	248	227	221	216	211	205	202	196	192	188	182	176	166	160	158	148	138	132	123	113	103
VE 7 C 250 / 11	-	110	81	277	250	244	240	232	226	223	216	212	207	201	195	185	176	174	163	154	146	136	125	114
VE 7 C 250 / 12	-	110	81	302	273	266	261	253	247	244	236	231	226	219	212	201	192	190	178	168	159	148	137	125
VE 7 C 250 / 13	-	125	92	327	295	288	283	274	268	264	256	251	245	237	230	218	208	206	193	182	173	161	148	135
VE 7 C 250 / 14	-	150	110	353	318	310	305	295	288	284	275	270	263	256	248	235	225	222	208	196	186	173	159	145

# VE 7 C 250

## 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/m<sup>3</sup>  
 Maximum allowable solid dimension: Max 2 mm

#### OPERATING RANGE AT 2900 RPM:

Power = 10 HP - 150 HP  
 Qmax= 140 m<sup>3</sup>/h

#### AT THE BEST EFFICIENCY POINT:

Q= 90 m<sup>3</sup>/h  
 H= 263 m

#### MAXIMUM EXTERNAL PUMP DIAMETER:

195 mm (Including cable guard)

#### OUTLET DIAMETER:

4"

#### MAXIMUM DEPTH OF APPLICATION:

Up to 250 m below the water level

#### MAXIMUM WORKING PRESSURE:

25 atm

#### MINIMUM LIQUID LEVEL:

1000 mm

#### MAXIMUM HEAD:

318 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	Guamital
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

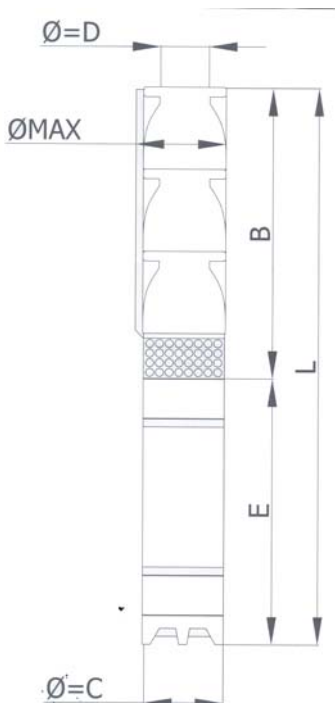
### OPTIONS

Casting materials : Cast iron, bronze, special bronze  
 Outlet : 4" 11, 5" 8-11 TPI or flange connection  
 Wear ring, bearing : Bronze  
 Motor-pump : Cooling shroud  
 Stopping screw

### INFORMATIONS

Rotation: Counterclockwise  
 Shaft End: NEMA Standard  
 Shaft Diameter: 30 mm

**VECTOR**  **ELECTRIC**  
 INTERNATIONAL



TYPE & STAGES	POWER			PUMP & MOTOR DIMENSIONS ( mm )										PUMP & MOTOR WEIGHT ( kg )					
				7"-6"	7"-8"	7"-6"	7"-8"	6"	8"	6"	8"	Ø GROUP	Ø=D	MOTOR		PUMP		TOTAL	
	6" HP	8" HP	kW	L	L	B	B	E	E	Ø=C	Ø=C			6" (kg)	8" (kg)	7"-6" (kg)	7"-8" (kg)	7"-6" (kg)	7"-8" (kg)
VE 7 C 250 / 01	10	-	7,5	1201	-	510	-	691	-	145	-	180	4"	55	-	32	-	87	-
VE 7 C 250 / 02	20	-	15	1521	-	640	-	881	-	145	-	180	4"	77	-	41	-	118	-
VE 7 C 250 / 03	30	-	22	1801	-	770	-	1031	-	145	-	180	4"	93	-	50	-	143	-
VE 7 C 250 / 04	40	40	30	2091	2015	900	940	1191	1075	145	-	180	4"	112	142	59	62	171	204
VE 7 C 250 / 05	50	50	37	2301	2172	1030	1070	1271	1102	145	195	195	4"	114	148	68	71	182	219
VE 7 C 250 / 06	60	60	45	2431	2360	1160	1200	1271	1160	145	195	195	4"	114	159	77	80	191	239
VE 7 C 250 / 07	-	70	52	-	2612	-	1330	-	1282	-	195	195	4"	-	183	-	89	-	272
VE 7 C 250 / 08	-	80	59	-	2775	-	1460	-	1315	-	195	195	4"	-	188	-	98	-	286
VE 7 C 250 / 09	-	90	66	-	2983	-	1590	-	1393	-	195	195	4"	-	203	-	107	-	310
VE 7 C 250 / 10	-	100	75	-	3184	-	1720	-	1464	-	195	195	4"	-	217	-	116	-	333
VE 7 C 250 / 11	-	110	81	-	3385	-	1850	-	1535	-	195	195	4"	-	232	-	125	-	357
VE 7 C 250 / 12	-	110	81	-	3515	-	1980	-	1535	-	195	195	4"	-	232	-	134	-	366
VE 7 C 250 / 13	-	125	92	-	3760	-	2110	-	1650	-	195	195	4"	-	256	-	143	-	399
VE 7 C 250 / 14	-	150	110	-	4084	-	2240	-	1844	-	195	195	4"	-	295	-	152	-	447