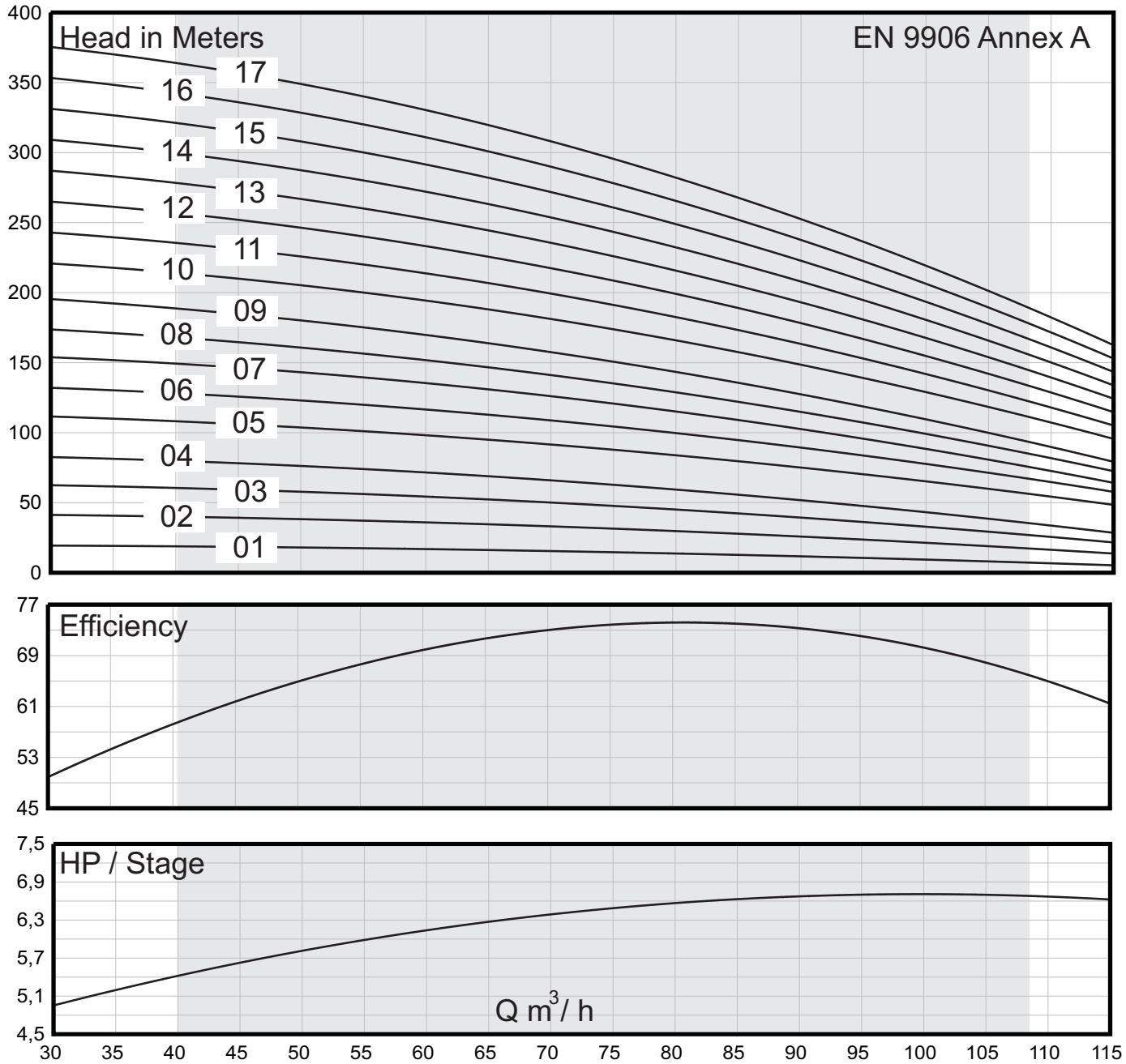


# CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER MOTEUR			l/sec		Q m <sup>3</sup> /h																			
	6" HP	8" HP	kW	0	30	36	40	42	45	48	54	60	66	72	75	80	84	90	96	100	105	108	110	115	
VE 7 C 208 / 01	7,5	-	5,5	23	22	21	21	20	20	19	18	17	17	16	16	15	14	13	13	12	11	10	9		
VE 7 C 208 / 02	15	-	11	46	44	43	41	41	40	39	38	36	35	34	33	32	30	29	27	25	23	22	21	18	
VE 7 C 208 / 03	20	-	15	69	67	64	62	61	60	59	57	55	52	50	49	47	46	43	40	38	35	33	31	28	
VE 7 C 208 / 04	30	-	22	91	89	85	83	82	80	78	75	73	70	67	66	63	61	57	53	50	46	44	42	37	
VE 7 C 208 / 05	35	-	26	119	111	106	103	102	100	98	94	91	87	84	82	79	76	72	67	63	58	55	52	46	
VE 7 C 208 / 06	40	40	30	142	133	128	124	122	120	118	113	109	105	101	99	95	91	86	80	76	70	66	63	55	
VE 7 C 208 / 07	50	50	37	164	156	149	145	143	140	137	132	127	122	117	115	111	107	101	94	88	81	77	73	64	
VE 7 C 208 / 08	60	60	45	186	178	170	165	163	160	157	151	145	140	134	131	126	122	115	107	101	93	87	84	74	
VE 7 C 208 / 09	60	60	45	208	200	191	186	183	180	176	170	164	157	151	148	142	137	129	120	114	104	98	94	83	
VE 7 C 208 / 10	-	70	52	235	222	213	207	204	200	196	189	182	175	168	164	158	152	144	134	126	116	109	105	92	
VE 7 C 208 / 11	-	75	55	259	245	234	227	224	220	216	208	200	192	185	181	174	168	158	147	139	128	120	115	101	
VE 7 C 208 / 12	-	80	59	282	267	255	248	245	240	235	226	218	210	201	197	189	183	172	160	151	139	131	126	110	
VE 7 C 208 / 13	-	90	66	306	289	276	269	265	260	255	245	236	227	218	213	205	198	187	174	164	151	142	136	120	
VE 7 C 208 / 14	-	100	75	329	311	298	289	285	280	274	264	254	245	235	230	221	213	201	187	177	162	153	147	129	
VE 7 C 208 / 15	-	110	81	353	334	319	310	306	300	294	283	273	262	252	246	237	229	215	200	189	174	164	157	138	
VE 7 C 208 / 16	-	110	81	376	356	340	331	326	320	314	302	291	280	269	263	253	244	230	214	202	186	175	167	147	
VE 7 C 208 / 17	-	125	92	400	378	361	351	347	340	333	321	309	297	285	279	268	259	244	227	215	197	186	178	156	

# VE 7 C 208

## 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 = 7,5 HP - 125 HP  
 Qmax= 115 m<sup>3</sup>/h

#### AT THE BEST EFFICIENCY POINT:

Q= 75 m<sup>3</sup>/h  
 H= 279 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:

378 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

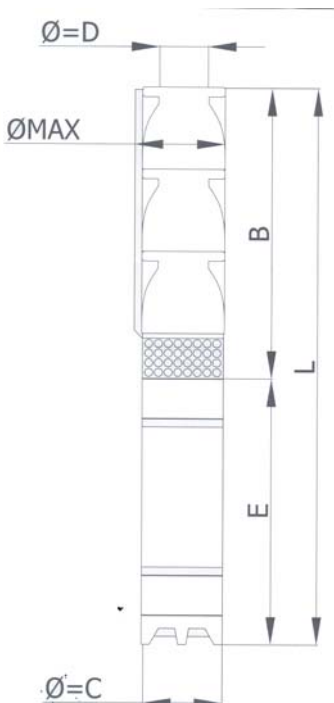
### OPTIONS

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 208 / 01	7,5	-	5,5	1161	-	510	-	651	-	145	-	180	4"	50	-	32	-	82	-
VE 7 C 208 / 02	15	-	11	1421	-	640	-	781	-	145	-	180	4"	65	-	41	-	106	-
VE 7 C 208 / 03	20	-	15	1651	-	770	-	881	-	145	-	180	4"	77	-	50	-	127	-
VE 7 C 208 / 04	30	-	22	1931	-	900	-	1031	-	145	-	180	4"	93	-	59	-	152	-
VE 7 C 208 / 05	35	-	26	2141	-	1030	-	1111	-	145	-	180	4"	105	-	68	-	173	-
VE 7 C 208 / 06	40	40	30	2351	2275	1160	1200	1191	1075	145	195	195	4"	112	142	77	80	189	222
VE 7 C 208 / 07	50	50	37	2561	2432	1290	1330	1271	1102	145	195	195	4"	114	148	86	89	200	237
VE 7 C 208 / 08	60	60	45	2691	2620	1420	1460	1271	1160	145	195	195	4"	114	159	95	98	209	257
VE 7 C 208 / 09	60	60	45	-	2750	-	1590	-	1160	-	195	195	4"	-	159	-	107	-	266
VE 7 C 208 / 10	-	70	52	-	2872	-	1720	-	1152	-	195	195	4"	-	178	-	116	-	294
VE 7 C 208 / 11	-	75	55	-	3132	-	1850	-	1282	-	195	195	4"	-	183	-	125	-	308
VE 7 C 208 / 12	-	80	59	-	3295	-	1980	-	1315	-	195	195	4"	-	188	-	134	-	322
VE 7 C 208 / 13	-	90	66	-	3503	-	2110	-	1393	-	195	195	4"	-	203	-	143	-	346
VE 7 C 208 / 14	-	100	75	-	3704	-	2240	-	1464	-	195	195	4"	-	217	-	152	-	369
VE 7 C 208 / 15	-	110	81	-	3905	-	2370	-	1535	-	195	195	4"	-	232	-	161	-	393
VE 7 C 208 / 16	-	110	81	-	4035	-	2500	-	1535	-	195	195	4"	-	232	-	170	-	402
VE 7 C 208 / 17	-	125	92	-	4280	-	2630	-	1650	-	195	195	4"	-	256	-	179	-	435