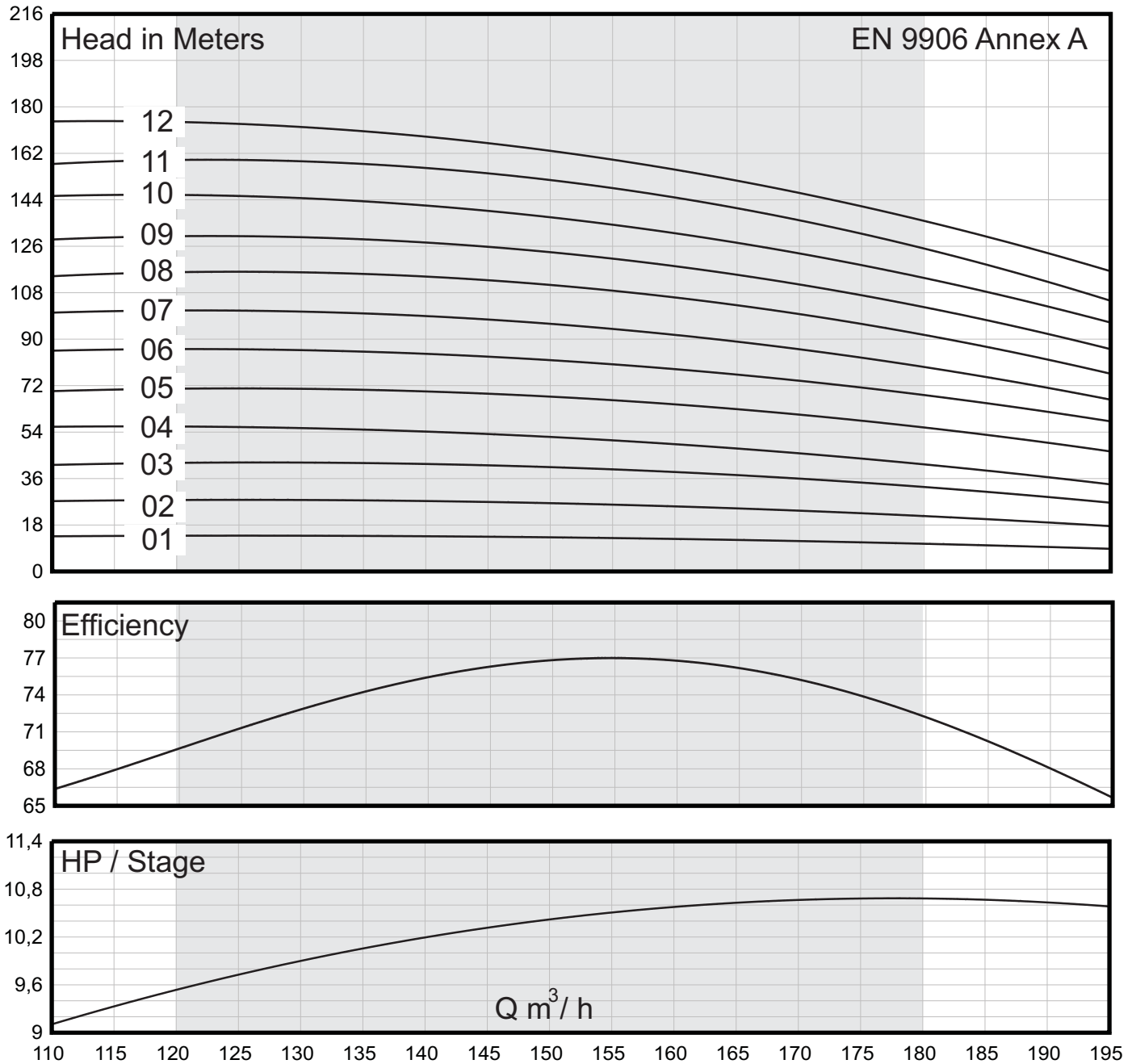


CAST IRON SUBMERSIBLE PUMPS





TYPE & STAGES	POWER			l/sec	Q m ³ /h																			
	6" HP	8" HP	kW		0,0	30	31	32	33	35	36	38	39	40	42	43	44	46	47	49	50	51	53	54
VE 7 C 420 / 01	12,5	-	9,2	m ³ /h	0,0	108	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195
VE 7 C 420 / 02	25	-	19	Head In Meters	23	15	15	14	14	14	14	14	14	14	13	13	13	12	12	11	11	10	10	9
VE 7 C 420 / 03	35	-	26		45	30	30	29	29	28	28	27	27	26	26	25	25	24	23	22	21	20	19	17
VE 7 C 420 / 04	50	50	37		67	44	43	43	42	42	42	42	41	41	40	40	39	37	36	35	33	32	29	26
VE 7 C 420 / 05	60	60	45		86	57	57	56	56	55	55	54	54	53	52	51	49	48	46	44	42	39	37	34
VE 7 C 420 / 06	-	70	52		110	72	72	71	71	70	70	69	69	68	68	66	64	62	60	58	56	53	51	46
VE 7 C 420 / 07	-	80	59		131	89	87	87	86	86	85	85	84	84	83	81	79	76	73	70	68	65	62	58
VE 7 C 420 / 08	-	90	66		155	102	102	101	101	100	100	99	99	98	97	94	92	89	86	83	80	75	71	66
VE 7 C 420 / 09	-	100	75		177	116	116	115	115	114	114	113	113	112	112	108	106	103	99	96	91	88	83	76
VE 7 C 420 / 10	-	110	81		203	131	130	130	129	129	128	128	127	127	124	121	118	114	110	107	102	98	93	86
VE 7 C 420 / 11	-	125	92		222	147	146	146	145	145	144	144	143	141	139	135	131	125	121	118	114	110	103	96
VE 7 C 420 / 12	-	150	110		229	160	159	159	158	158	157	157	156	156	153	149	145	140	135	131	124	120	113	104
					250	175	174	174	173	172	171	169	168	167	164	160	156	151	146	142	135	131	124	115

VE 7 C 420

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 = 12,5 HP - 150 HP
 Qmax= 195 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 150 m³/h
 H= 164 m

MAXIMUM EXTERNAL PUMP DIAMETER:

195 mm (Including cable guard)

OUTLET DIAMETER:

5"

MAXIMUM DEPTH OF APPLICATION:

Up to 250 m below the water level

MAXIMUM WORKING PRESSURE:

25 atm

MINIMUM LIQUID LEVEL:

1000 mm

MAXIMUM HEAD:

175 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

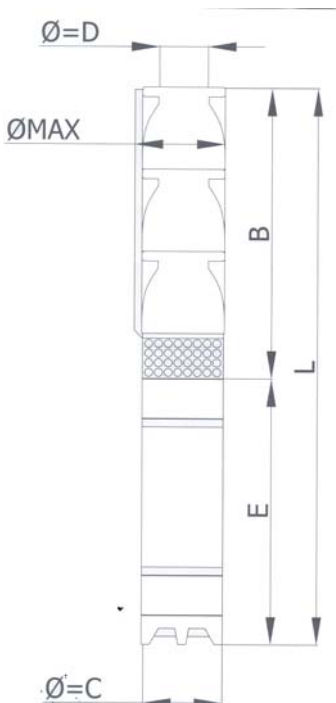
OPTIONS

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"	6"	8"				6"	8"		7"-6"	7"-8"		
	6" HP	8" HP	kW	L	L	E	E	B	6" Ø = C	8" Ø = C	Ø = D	Ø GROUP	MOTOR	PUMP	TOTAL	TOTAL	
VE 7 C 420 / 01	12,5	-	9,2	1431	-	731	-	700	145	-	5"	180	60	-	36,7	97	-
VE 7 C 420 / 02	25	-	18,5	1846	-	981	-	865	145	-	5"	180	88	-	45,3	133	-
VE 7 C 420 / 03	35	-	26	2141	-	1111	-	1030	145	-	5"	180	105	-	53,8	159	-
VE 7 C 420 / 04	50	50	37	2466	2297	1271	1102	1195	145	195	5"	195	114	148	62,3	176,3	210
VE 7 C 420 / 05	60	60	45	2631	2520	1271	1160	1360	145	195	5"	195	114	159	70,9	184,9	230
VE 7 C 420 / 06	-	70	52	-	2677	-	1152	1525	-	195	5"	195	-	178	79,4	-	257
VE 7 C 420 / 07	-	80	59	-	3005	-	1315	1690	-	195	5"	195	-	188	88	-	276
VE 7 C 420 / 08	-	90	66	-	3248	-	1393	1855	-	195	5"	195	-	203	96,5	-	299
VE 7 C 420 / 09	-	100	75	-	3484	-	1464	2020	-	195	5"	195	-	217	105	-	322
VE 7 C 420 / 10	-	110	81	-	3720	-	1535	2185	-	195	5"	195	-	232	114	-	346
VE 7 C 420 / 11	-	125	92	-	4000	-	1650	2350	-	195	5"	195	-	256	122	-	378
VE 7 C 420 / 12	-	150	110	-	4359	-	1844	2515	-	195	5"	195	-	295	131	-	426