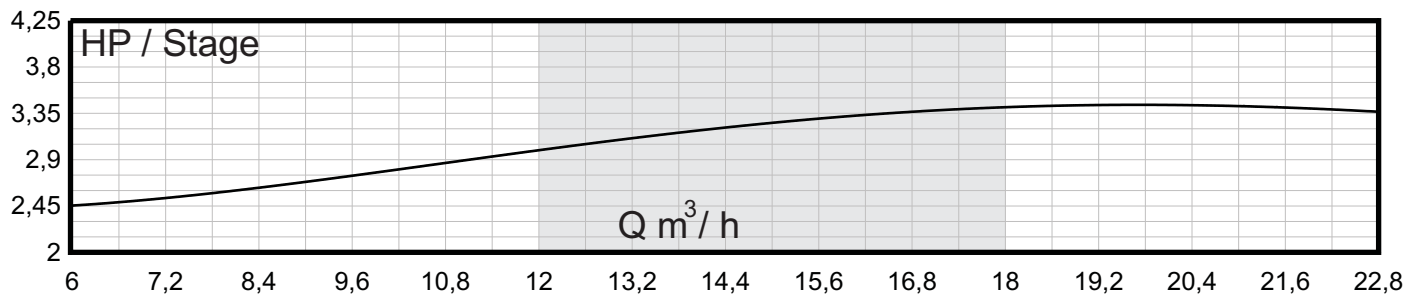
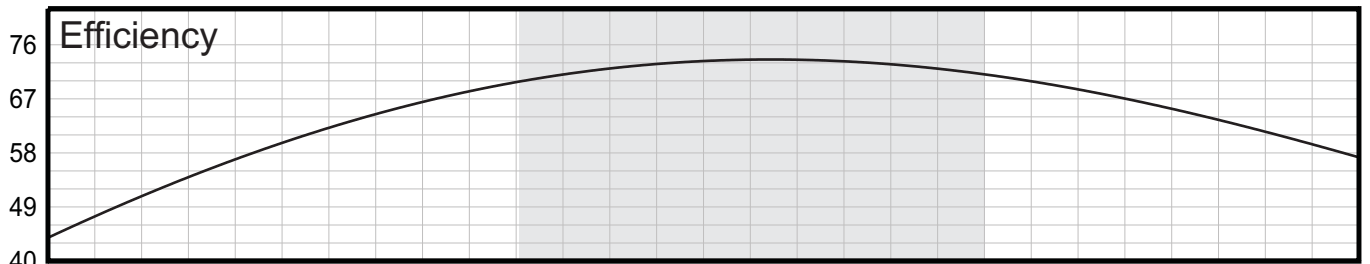
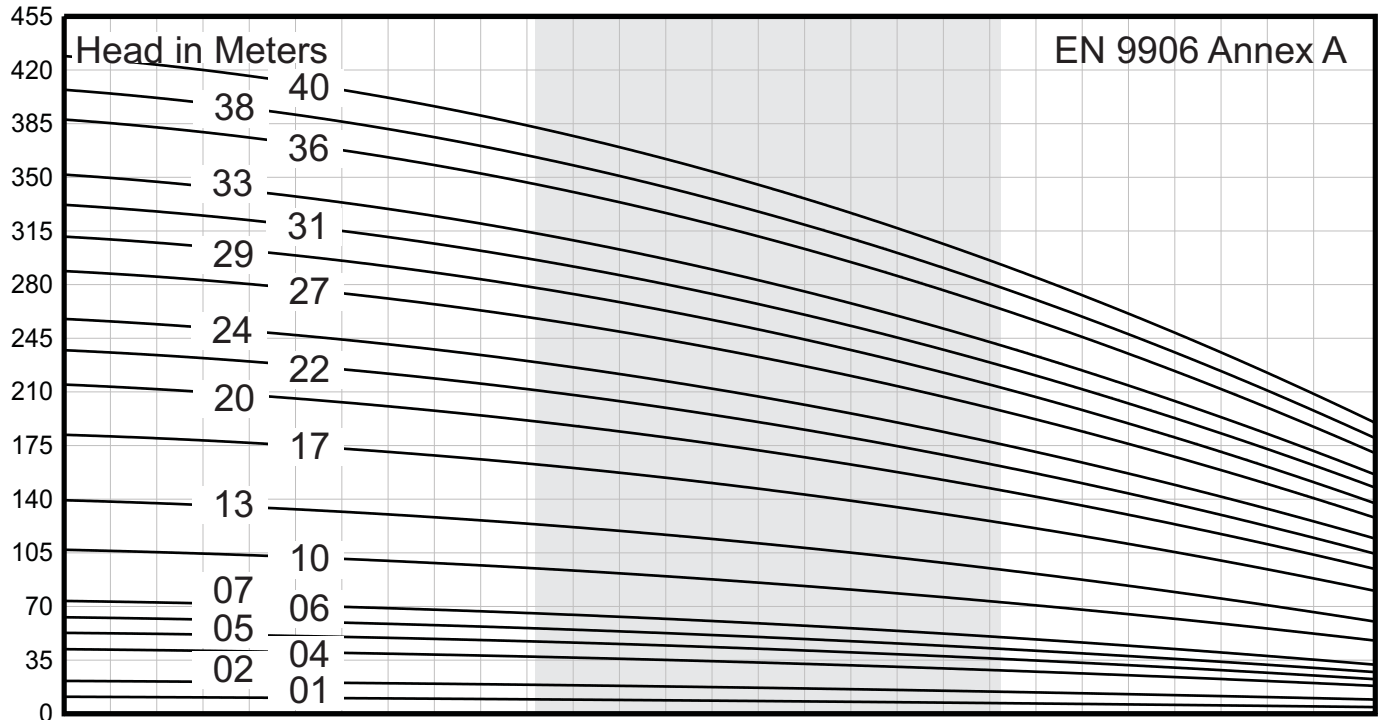


VECTOR ELECTRIC INTERNATIONAL

STAINLESS STEEL SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec	0,00	1,67	2,50	3,33	4,17	5,00	5,83	6,39
	HP	kW		m ³ /h	0,0	6,0	9,0	12,0	15,0	18,0	21,0
VE 6 S 42 / 01	0,75	0,56	Head In Meters	12	11	11	10	8	7	6	4
VE 6 S 42 / 02	1,5	1,1		22	22	20	19	18	14	12	9
VE 6 S 42 / 04	3	2,2		43	42	40	38	33	29	23	18
VE 6 S 42 / 05	4	3		53	52	51	48	43	37	29	22
VE 6 S 42 / 06	5,5	4		64	63	60	56	50	43	34	27
VE 6 S 42 / 07	5,5	4		74	74	70	66	59	51	40	32
VE 6 S 42 / 10	7,5	5,5		109	107	102	95	86	74	58	48
VE 6 S 42 / 13	10	7,5		141	139	133	124	112	95	75	60
VE 6 S 42 / 17	12,5	9,2		182	182	175	163	147	126	100	80
VE 6 S 42 / 20	15	11		218	213	206	192	173	147	116	95
VE 6 S 42 / 22	17,5	13		239	237	228	212	190	163	129	105
VE 6 S 42 / 24	17,5	13		260	257	247	230	208	178	140	115
VE 6 S 42 / 27	20	15		290	288	277	259	234	200	158	128
VE 6 S 42 / 29	25	18,5		312	311	300	279	250	215	170	138
VE 6 S 42 / 31	25	18,5		335	330	318	298	269	230	181	148
VE 6 S 42 / 33	25	18,5		355	350	337	315	285	243	191	157
VE 6 S 42 / 36	30	22		391	385	371	348	313	268	210	170
VE 6 S 42 / 38	30	22		410	405	390	365	330	281	222	180
VE 6 S 42 / 40	30	22		432	428	412	384	346	296	235	190

VE 6 S 42

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 = 0,75 HP - 30 HP
 Qmax= 23 m³/ h

AT THE BEST EFFICIENCY POINT:

Q= 15 m³/ h
 H= 346 m

MAXIMUM EXTERNAL PUMP DIAMETER:

145 mm (Including cable guard)

OUTLET DIAMETER:

2 1/2"

MAXIMUM DEPTH OF APPLICATION:

Up to 400 m below the water level

MAXIMUM WORKING PRESSURE:

40 atm

MINIMUM LIQUID LEVEL:

800 mm

MAXIMUM HEAD:

428 m

IMPELLER TYPE:

Semiaxial

MATERIAL LIST

PART NAME	MATERIAL
Shaft	Stainless steel (AISI 420)
Support	Stainless steel (AISI 304)
Coupling	Stainless steel (AISI 304)
Coupling screw	Stainless steel (AISI 304)
Bearing	Rubber/Steel
Diffuser	Stainless steel (AISI 304)
Wear ring	Rubber/Steel
Impeller	Stainless steel (AISI 304)
Bushing	Stainless steel (AISI 304)
Nut	Stainless steel (AISI 304)
Valve body	Stainless steel (AISI 304)
Valve	Stainless steel (AISI 304)
Valve spring	Stainless steel (AISI 304)
Strainer	Stainless steel (AISI 304)
Cable guard	Stainless steel (AISI 304)
Tie-bolt	Stainless steel (AISI 304)

OPTIONS

Motor-pump : Cooling shroud

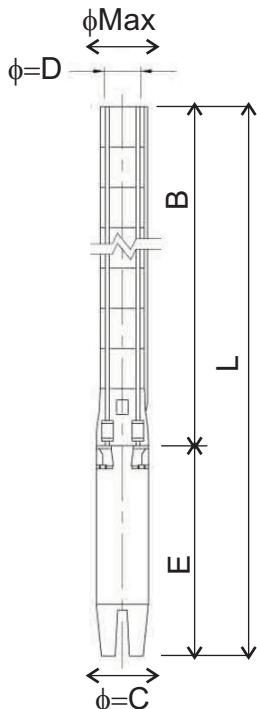
INFORMATIONS

Rotation: Counterclockwise

Shaft End: NEMA Standard

Shaft Diameter: 20 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



TYPE & STAGES	POWER		PUMP & MOTOR DIMENSIONS (mm)						PUMP & MOTOR WEIGHT (kg)		
	HP	KW	L	E	B	Ø = C	Ø = D	Ø GROUP	MOTOR	PUMP	TOTAL
VE 6 S 42 / 01	0,75	0,56	709	366	343	93	2 1/2"	131	8,8	5	13,8
VE 6 S 42 / 02	1,5	1,1	834	431	403	93	2 1/2"	131	11,6	6,4	18
VE 6 S 42 / 04	3	2,2	1033	509	524	93	2 1/2"	131	14,7	9,3	24
VE 6 S 42 / 05	4	3	1133	548	585	93	2 1/2"	131	17,6	10,8	28,4
VE 6 S 42 / 06	5,5	4	1255	610	645	145	2 1/2"	145	45	12,2	57,2
VE 6 S 42 / 07	5,5	4	1316	610	706	145	2 1/2"	145	45	13,7	58,7
VE 6 S 42 / 10	7,5	5,5	1537	650	887	145	2 1/2"	145	50	18	68,0
VE 6 S 42 / 13	10	7,5	1759	690	1069	145	2 1/2"	145	55	22,4	77,4
VE 6 S 42 / 17	12,5	9,2	2041	730	1311	145	2 1/2"	145	60	28,2	88,2
VE 6 S 42 / 20	15	11	2272	780	1492	145	2 1/2"	145	65	32,5	97,5
VE 6 S 42 / 22	17,5	13	2393	780	1613	145	2 1/2"	145	65	35,4	100,4
VE 6 S 42 / 24	17,5	13	2514	780	1734	145	2 1/2"	145	65	38,3	103,3
VE 6 S 42 / 27	20	15	2796	880	1916	145	2 1/2"	145	77	42,7	119,7
VE 6 S 42 / 29	25	18,5	3017	980	2037	145	2 1/2"	145	88	45,6	133,6
VE 6 S 42 / 31	25	18,5	3138	980	2158	145	2 1/2"	145	88	48,5	136,5
VE 6 S 42 / 33	25	18,5	3259	980	2279	145	2 1/2"	145	88	51,4	139,4
VE 6 S 42 / 36	30	22	3490	1030	2460	145	2 1/2"	145	93	55,7	148,7
VE 6 S 42 / 38	30	22	3611	1030	2581	145	2 1/2"	145	93	58,6	151,6
VE 6 S 42 / 40	30	22	3732	1030	2702	145	2 1/2"	145	93	61,5	154,5