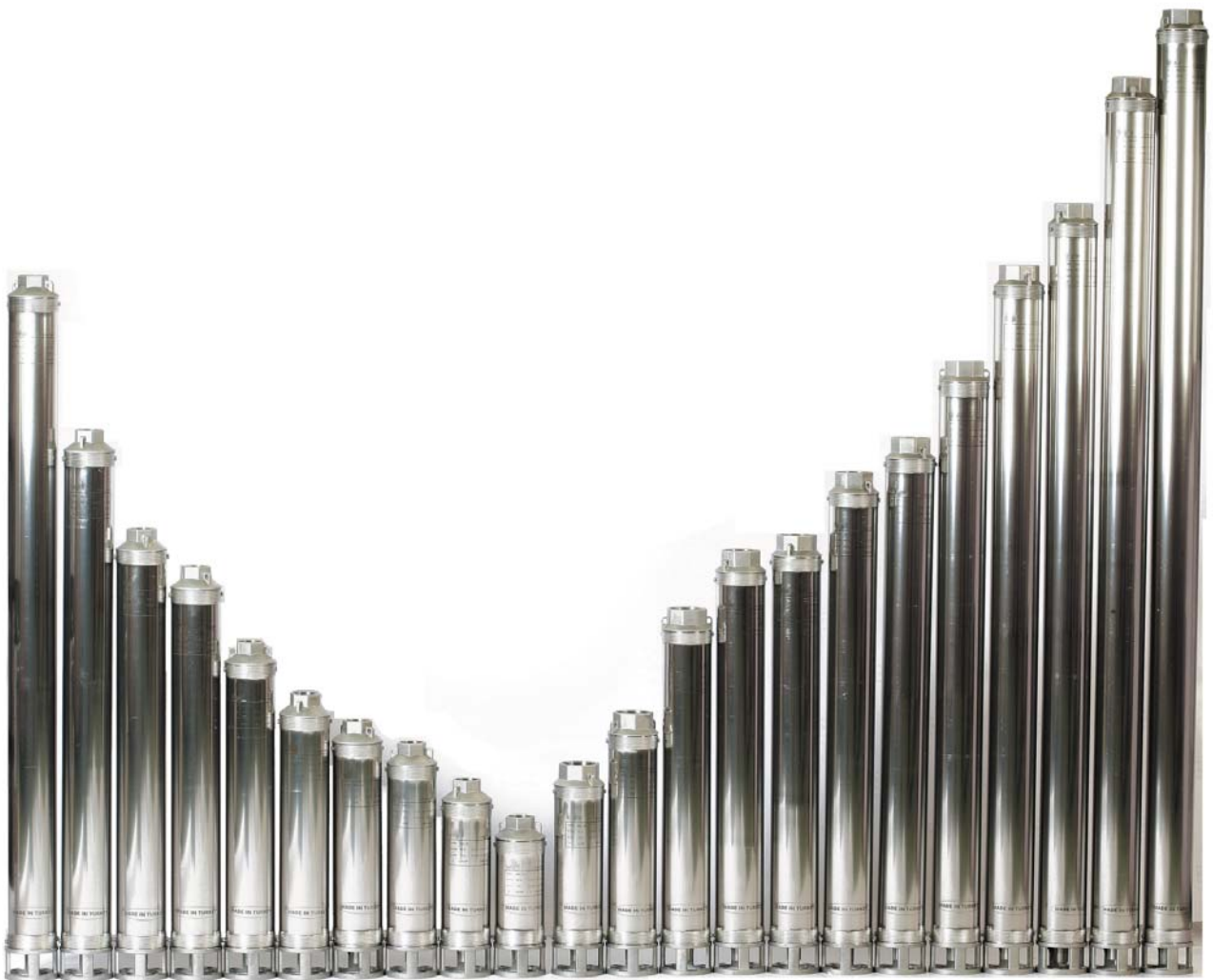
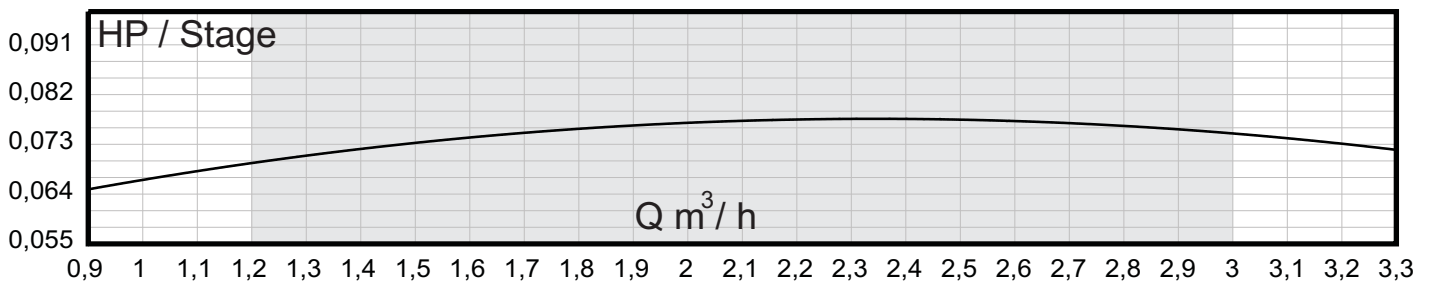
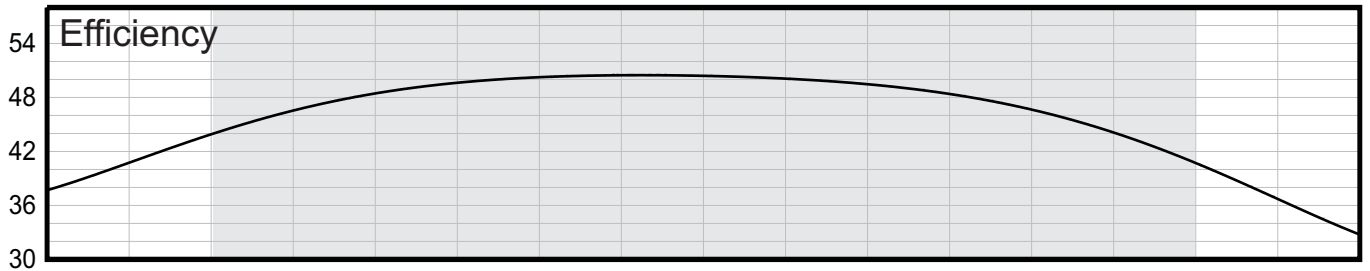
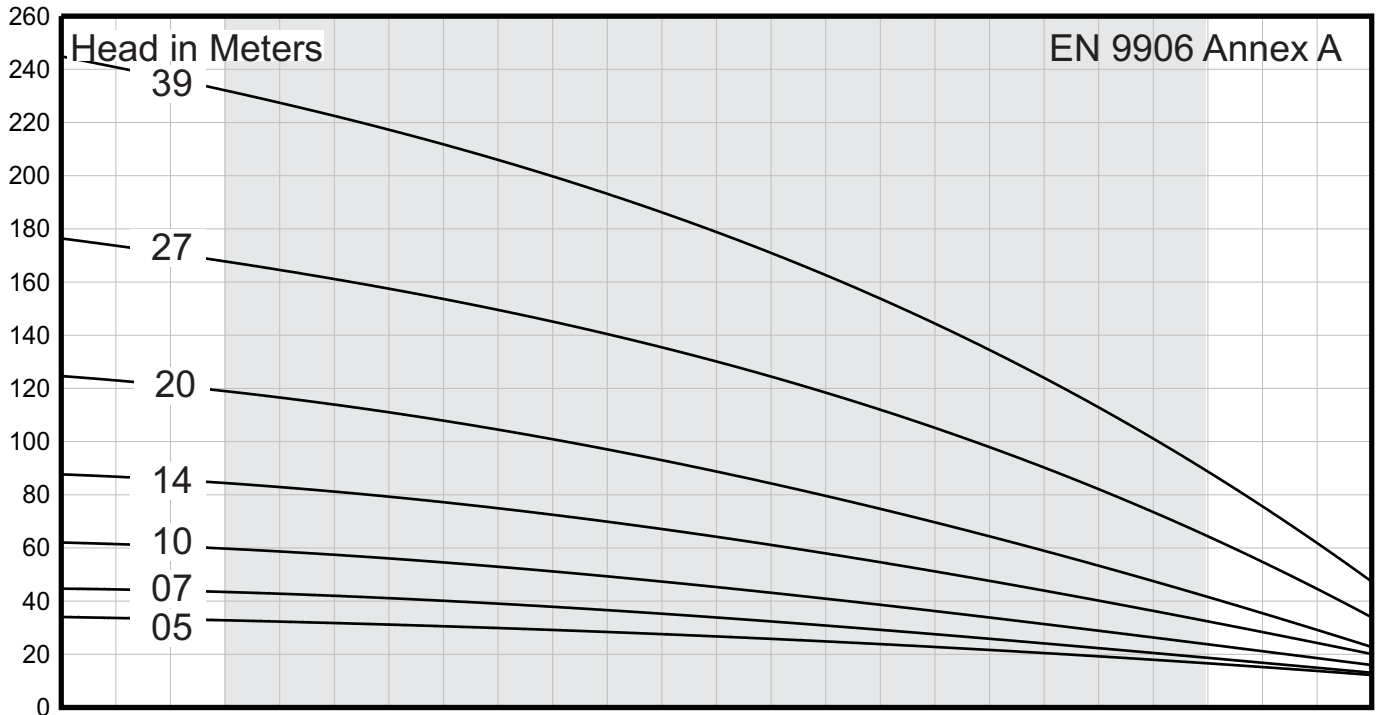


VECTOR  **ELECTRIC**
INTERNATIONAL

4"
SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec m ³ /h	0,00	0,25	0,33	0,42	0,50	0,58	0,67	0,75	0,83	0,92
	HP	kW		0,0	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3,0	3,3
VE 4 P 05 / 05	0,5	0,37	Head In Meters	36	34	33	31	29	27	24	20	17	12
VE 4 P 05 / 07	0,5	0,37		48	45	43	41	38	34	30	23	19	13
VE 4 P 05 / 10	0,75	0,55		68	62	60	56	51	45	39	32	23	16
VE 4 P 05 / 14	1	0,75		94	88	84	79	73	64	55	44	32	20
VE 4 P 05 / 20	1,5	1,1		135	125	119	110	101	89	76	59	40	23
VE 4 P 05 / 27	2	1,5		187	176	169	157	145	129	113	91	64	33
VE 4 P 05 / 39	3	2,2		263	244	234	217	200	177	154	124	91	45

VE 4 P 05

Submersible Pumps

TECHNICAL SPECIFICATIONS

LIQUID BEING PUMPED

Chemically and mechanically non aggressive.
 Temperature min=0°C max=40°C.
 Maximum allowable solid quantity = 25 g/m³
 Maximum allowable solid dimension: Max 2 mm

OPERATING RANGE AT 2900 RPM:

Power = 0,5 HP - 3 HP
 Qmax= 3,3 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 2 m³/h
 H= 188 m

MAXIMUM EXTERNAL PUMP DIAMETER:

95 mm (Including cable guard)

OUTLET DIAMETER:

1 1/4"

MAXIMUM DEPTH OF APPLICATION:

Up to 400 m below the water level

MAXIMUM WORKING PRESSURE:

40 atm

MINIMUM LIQUID LEVEL:

600 mm

MAXIMUM HEAD:

244 m

IMPELLER TYPE:

Semiaxial

MATERIAL LIST

PART NAME	MATERIAL
Shaft	Stainless steel (AISI 304)
Retainer	Stainless steel (AISI 304)
Coupling	Stainless steel (AISI 420)
Support	Stainless steel (AISI 304)
Body	Stainless steel (AISI 304)
Impeller	Polycarbonate
Diffuser	Noryl
Bearing	Resine
Bearing housing	Resine
Bearing	Resine
Bushing	Polycarbonate
Bushing	Stainless steel (AISI 420)
Screw	Stainless steel (AISI 304)
Washer	Stainless steel (AISI 304)
Valve housing	Resine
Oring	Rubber
Valve	Resine
Valve body	Stainless steel (AISI 304)
Housing	Stainless steel (AISI 304)
Strainer	Stainless steel (AISI 304)
Cable guard	Resine

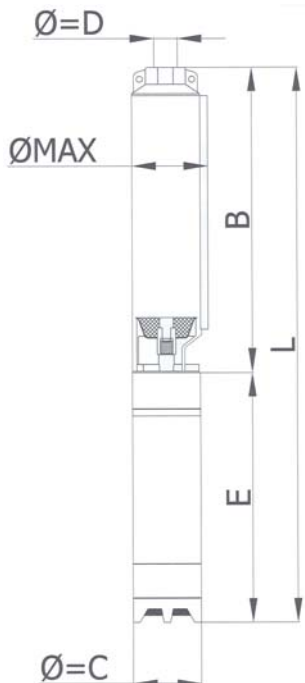
OPTIONS

Suction End and Valve Body
 Cast Iron or Technoplast
 Motor-pump : Cooling shroud, Suction shroud

INFORMATIONS

Rotation: Counterclockwise
 Shaft End: NEMA Standard
 Shaft Diameter: Hexagonal 11 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



TYPE & STAGES	POWER		PUMP & MOTOR DIMENSIONS (mm)								PUMP & MOTOR WEIGHT (kg)				
			1~	3~	1~	3~				1~	3~		1~	3~	
	HP	KW	L	L	E	E	B	Ø = C	Ø = D	Ø GROUP	MOTOR		PUMP	TOTAL	TOTAL
VE 4 P 05 / 05	0,5	0,37	613	-	336	-	277	93	1 1/4"	95	7,5	-	2,7	10,2	-
VE 4 P 05 / 07	0,5	0,37	648	-	336	-	312	93	1 1/4"	95	7,5	-	3,1	10,6	-
VE 4 P 05 / 10	0,75	0,55	731	-	366	-	365	93	1 1/4"	95	8,8	-	3,6	12,4	-
VE 4 P 05 / 14	1	0,75	822	802	386	366	436	93	1 1/4"	95	9,7	8,8	4,2	13,9	13,0
VE 4 P 05 / 20	1,5	1,1	971	926	431	386	540	93	1 1/4"	95	11,6	9,7	5,2	16,8	14,9
VE 4 P 05 / 27	2	1,5	1169	1124	476	431	693	93	1 1/4"	95	13,5	11,6	6,7	20,2	18,3
VE 4 P 05 / 39	3	2,2	1443	1423	509	489	934	93	1 1/4"	95	14,7	13,9	9	23,7	22,9