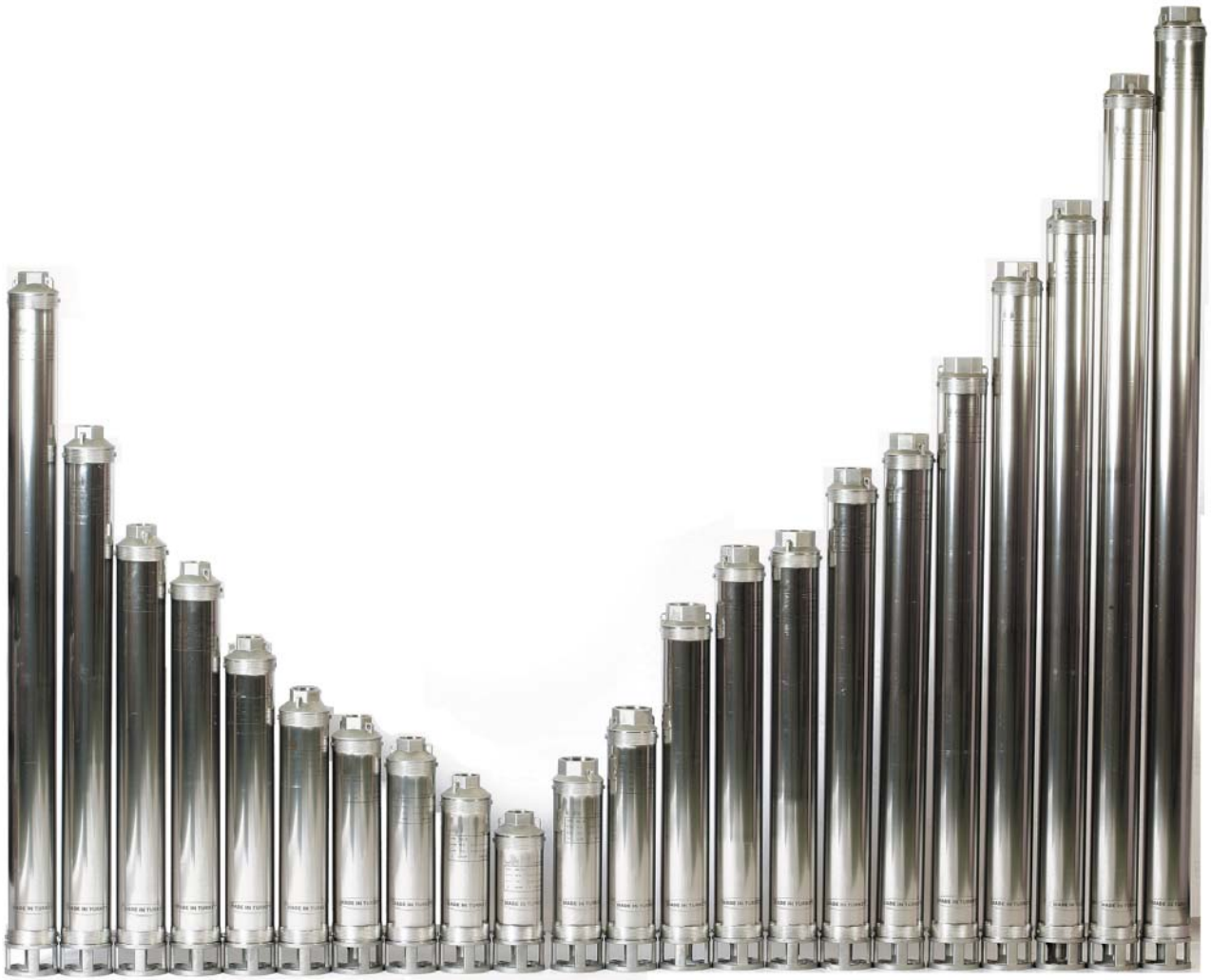
VECTOR ELECTRIC INTERNATIONAL

4”
SUBMERSIBLE PUMPS



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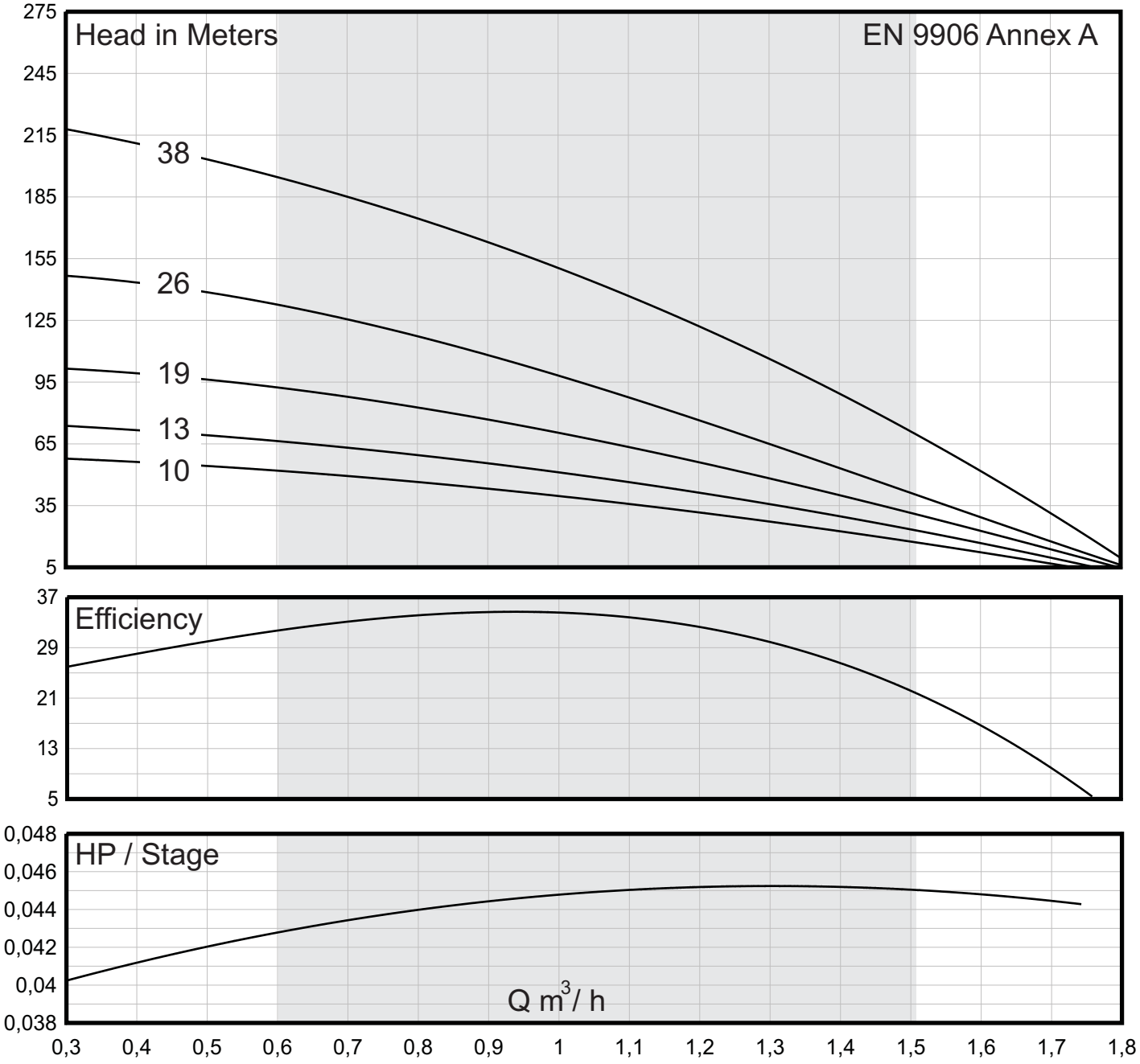
VECTOR ELECTRIC INTERNATIONAL

VE 4 P 02
Submersible Pumps



TYPE & STAGES	POWER		l/sec	0,00	0,08	0,17	0,25	0,33	0,42	0,50
	HP	kW	m^3/h	0,0	0,3	0,6	0,9	1,2	1,5	1,8
VE 4 P 02 / 10	0,5	0,37	Head In Meters	66	58	51	44	32	17	1
VE 4 P 02 / 13	0,5	0,37		84	74	66	57	41	23	2
VE 4 P 02 / 19	0,75	0,55		116	102	91	77	57	30	5
VE 4 P 02 / 26	1	0,75		166	147	131	109	78	39	7
VE 4 P 02 / 38	1,5	1,1		246	218	194	163	123	70	10

VE 4 P 02
Submersible Pumps

TECHNICAL SPECIFICATIONS

LIQUID BEING POMPED
Chemically and mechanically non aggressive.
Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 25 g/m^3
Maximum allowable solid dimension: Max 2 mm

OPERATING RANGE AT 2900 RPM:
Power = 0,5 HP - 1,5 HP
Qmax= 1,8 m^3/ h

AT THE BEST EFFICIENCY POINT:
Q= 1 m^3/ h
H= 143 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 from bottom of suction grid

MAXIMUM HEAD:
218 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

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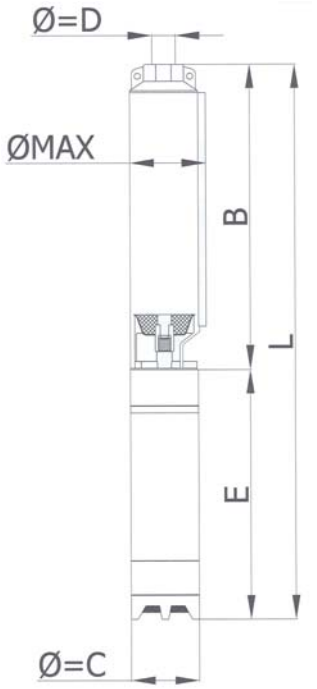
INFORMATIONS

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



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 02 / 10	0,5	0,37	701	-	336	-	365	93	1 1/4"	95	7,5	-	3,6	11,1	-
VE 4 P 02 / 13	0,5	0,37	751	-	336	-	415	93	1 1/4"	95	7,5	-	4,1	11,6	-
VE 4 P 02 / 19	0,75	0,55	890	-	366	-	524	93	1 1/4"	95	8,8	-	5,1	13,9	-
VE 4 P 02 / 26	1	0,75	1065	1045	386	366	679	93	1 1/4"	95	9,7	8,8	6,5	16,2	15,3
VE 4 P 02 / 38	1,5	1,1	1346	1301	431	386	915	93	1 1/4"	95	11,6	9,7	9,1	20,7	18,8