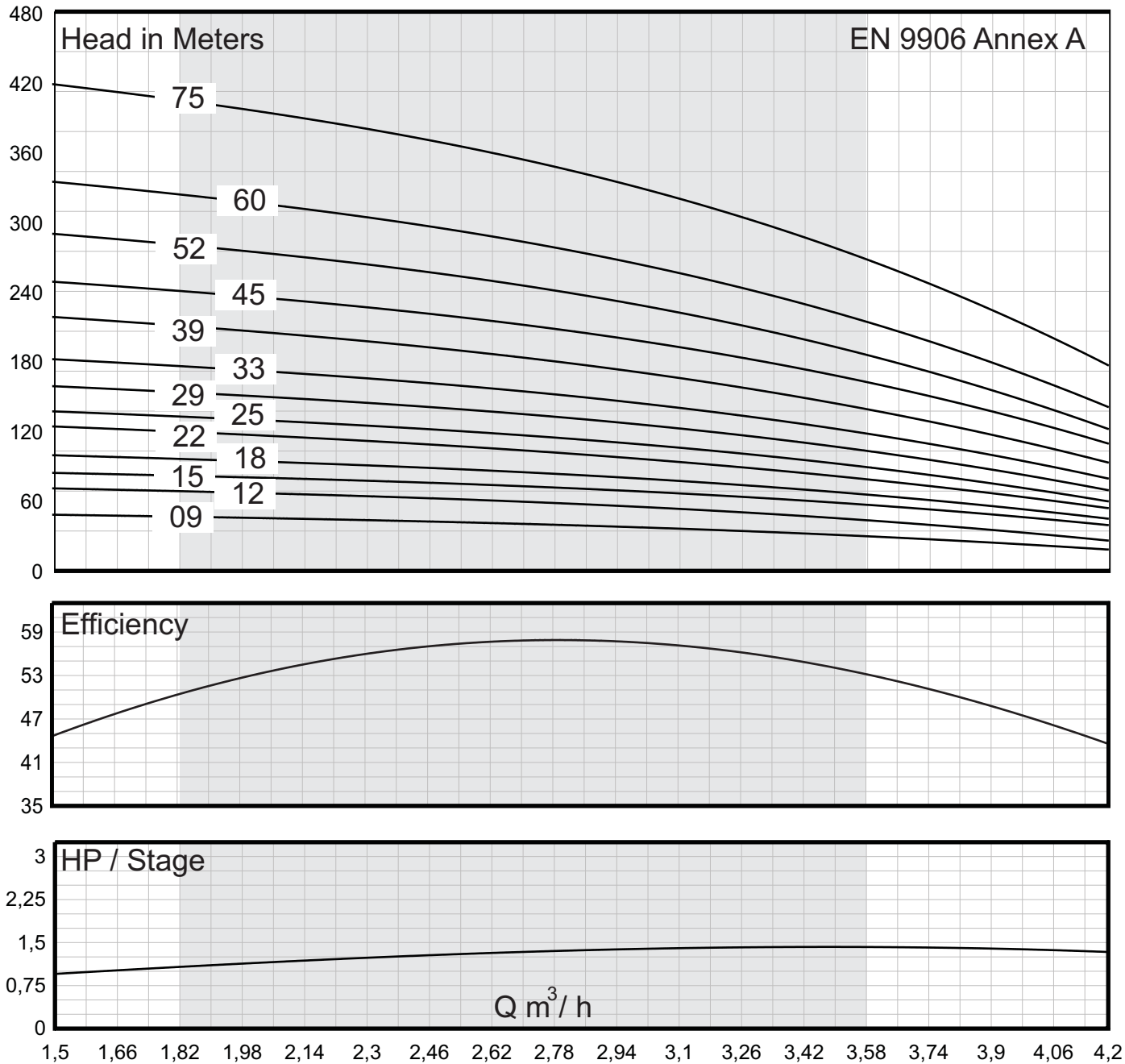


# VECTOR ELECTRIC INTERNATIONAL

## STAINLESS STEEL SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec m³/h	0,00	0,42	0,50	0,58	0,67	0,75	0,83	1,00	1,17
	HP	kW		0,0	1,5	1,8	2,1	2,4	2,7	3,0	3,6	4,2
VE 4 S 08 / 09	0,75	0,55	Head In Meters	57	49	47	46	44	41	38	30	19
VE 4 S 08 / 12	1	0,75		77	66	64	62	58	56	52	43	28
VE 4 S 08 / 15	1,5	1,1		97	85	83	80	77	74	69	57	40
VE 4 S 08 / 18	1,5	1,1		116	101	97	94	90	85	80	67	45
VE 4 S 08 / 22	2	1,5		143	127	120	115	110	105	97	80	54
VE 4 S 08 / 25	2	1,5		160	139	134	128	124	117	110	90	60
VE 4 S 08 / 29	3	2,2		185	160	155	149	143	136	127	103	70
VE 4 S 08 / 33	3	2,2		211	183	177	172	164	155	145	118	80
VE 4 S 08 / 39	4	3		252	219	213	204	195	185	172	138	94
VE 4 S 08 / 45	4	3		288	250	243	233	224	213	199	162	110
VE 4 S 08 / 52	5,5	4		334	291	282	272	261	247	230	184	123
VE 4 S 08 / 60	5,5	4		385	336	325	314	301	285	265	212	142
VE 4 S 08 / 75	7,5	5,5		481	420	406	393	376	356	331	265	178

# VE 4 S 08

## 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 = 0,75 HP - 7,5 HP  
 Qmax= 4,2 m<sup>3</sup>/h

#### AT THE BEST EFFICIENCY POINT:

Q= 3 m<sup>3</sup>/h  
 H= 331 m

#### MAXIMUM EXTERNAL PUMP DIAMETER:

94 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:

420 m

#### IMPELLER TYPE:

Semiaxial

### MATERIAL LIST

PART NAME	MATERIAL
Shaft	Stainless steel (AISI 304)
Retainer	Stainless steel (AISI 304)
Coupling	Stainless steel (AISI 304)
Support	Stainless steel (AISI 304)
Body	Stainless steel (AISI 304)
Impeller	Stainless steel (AISI 304)
Diffuser	Stainless steel (AISI 304)
Bearing	Resine
Bearing housing	Stainless steel (AISI 304)
Bearing	Resine
Bushing	Stainless steel (AISI 304)
Bushing	Stainless steel (AISI 304)
Screw	Stainless steel (AISI 304)
Washer	Stainless steel (AISI 304)
Valve housing	Stainless steel (AISI 304)
Oring	Rubber
Valve	Stainless steel (AISI 304)
Valve body	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, Suction shroud

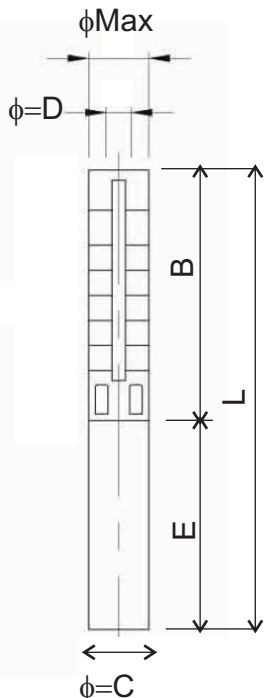
### INFORMATIONS

Rotation: Counterclockwise

Shaft End: NEMA Standard

Shaft Diameter: 12 mm

**VECTOR**  **ELECTRIC**  
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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 S 08 / 09	0,75	0,55	722	-	366	-	356	93	1 1/4"	98	8,8	-	3	11,8	-
VE 4 S 08 / 12	1	0,75	805	785	386	366	419	93	1 1/4"	98	9,7	8,8	3,6	13,3	12,4
VE 4 S 08 / 15	1,5	1,1	913	868	431	386	482	93	1 1/4"	98	11,6	9,7	4,2	15,8	13,9
VE 4 S 08 / 18	1,5	1,1	976	931	431	386	545	93	1 1/4"	98	11,6	9,7	4,7	16,3	14,4
VE 4 S 08 / 22	2	1,5	1105	1060	476	431	629	93	1 1/4"	98	13,5	11,6	5,5	19,0	17,1
VE 4 S 08 / 25	2	1,5	1168	1123	476	431	692	93	1 1/4"	98	13,5	11,6	6,1	19,6	17,7
VE 4 S 08 / 29	3	2,2	1285	1265	509	489	776	93	1 1/4"	98	14,7	13,9	6,8	21,5	20,7
VE 4 S 08 / 33	3	2,2	1392	1372	509	489	883	93	1 1/4"	98	14,7	13,9	9,7	24,4	23,6
VE 4 S 08 / 39	4	3	-	1557	-	548	1009	93	1 1/4"	98	-	17,6	11,2	-	28,8
VE 4 S 08 / 45	4	3	-	1683	-	548	1135	93	1 1/4"	98	-	17,6	12,7	-	30,3
VE 4 S 08 / 52	5,5	4	-	1900	-	618	1282	93	1 1/4"	98	-	20,9	14,5	-	35,4
VE 4 S 08 / 60	5,5	4	-	2068	-	618	1450	93	1 1/4"	98	-	20,9	16,5	-	37,4
VE 4 S 08 / 75	7,5	5,5	-	2453	-	688	1765	93	1 1/4"	98	-	24,0	20,3	-	44,3