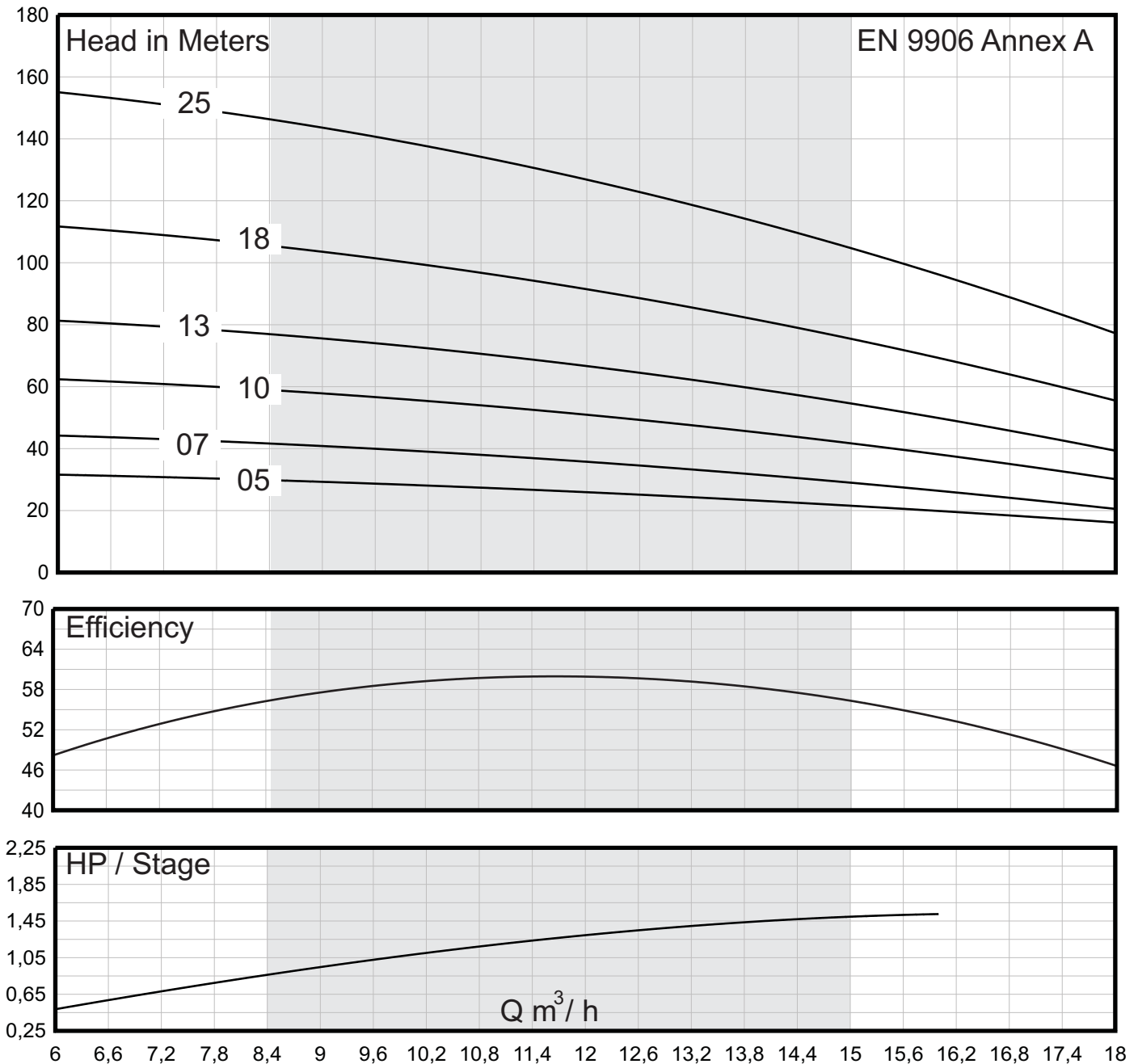


VECTOR ELECTRIC INTERNATIONAL

STAINLESS STEEL SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec	0,00	1,67	2,00	2,33	2,67	3,00	3,33	4,17	5,00
	HP	kW	m ³ /h	0,0	6,0	7,2	8,4	9,6	10,8	12,0	15,0	18,0
VE 4 S 33 / 05	2	1,5	Head In Meters	33	32	31	30	28	27	26	22	16
VE 4 S 33 / 07	3	2,2		46	44	43	42	40	37	36	30	20
VE 4 S 33 / 10	4	3		65	62	60	58	57	54	52	43	29
VE 4 S 33 / 13	5,5	4		84	80	78	77	74	72	67	56	38
VE 4 S 33 / 18	7,5	5,5		117	111	108	104	102	97	93	77	54
VE 4 S 33 / 25	10	7,5		163	154	149	145	141	135	129	107	75

VE 4 S 33

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 = 2 HP - 10 HP
 Qmax= 18 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 12 m³/h
 H= 129 m

MAXIMUM EXTERNAL PUMP DIAMETER:

94 mm (Including cable guard)

OUTLET DIAMETER:

1 1/2"

MAXIMUM DEPTH OF APPLICATION:

Up to 400 m below the water level

MAXIMUM WORKING PRESSURE:

40 atm

MINIMUM LIQUID LEVEL:

600 mm

MAXIMUM HEAD:

154 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

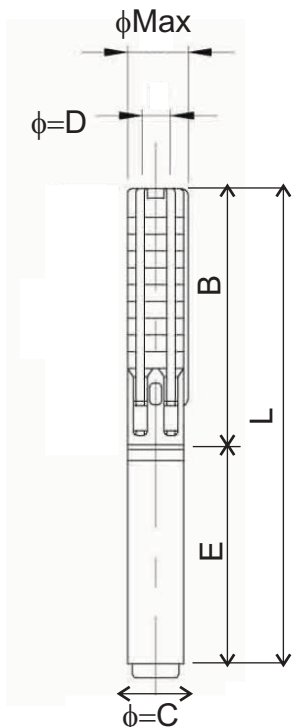
INFORMATIONS

Rotation: Counterclockwise

Shaft End: NEMA Standard

Shaft Diameter: 16 mm

VECTOR  **ELECTRIC**
 INTERNATIONAL



TYPE & STAGES	POWER		PUMP & MOTOR DIMENSIONS (mm)								PUMP & MOTOR WEIGHT (kg)				
			1~	3~	1~	3~			ϕ GROUP	MOTOR	PUMP	TOTAL	TOTAL		
	HP	kW	L	L	E	E	B	$\phi=C$						$\phi=D$	
VE 4 S 33 / 05	2	1,5	981	936	476	431	505	93	2"	98	13,5	11,6	5	18,5	16,6
VE 4 S 33 / 07	3	2,2	1144	1124	509	489	635	93	2"	98	14,7	13,9	6,3	21,0	20,2
VE 4 S 33 / 10	4	3	-	1378	-	548	830	93	2"	98	-	17,6	8,2	-	25,8
VE 4 S 33 / 13	5,5	4	-	1643	-	618	1025	93	2"	98	-	20,9	10,2	-	31,1
VE 4 S 33 / 18	7,5	5,5	-	2038	-	688	1350	93	2"	98	-	24,0	13,4	-	37,4
VE 4 S 33 / 25	10	7,5	-	2573	-	768	1805	93	2"	98	-	28,0	17,8	-	45,8