VECTOR ELECTRIC INTERNATIONAL

NORYL SUBMERSIBLE PUMPS

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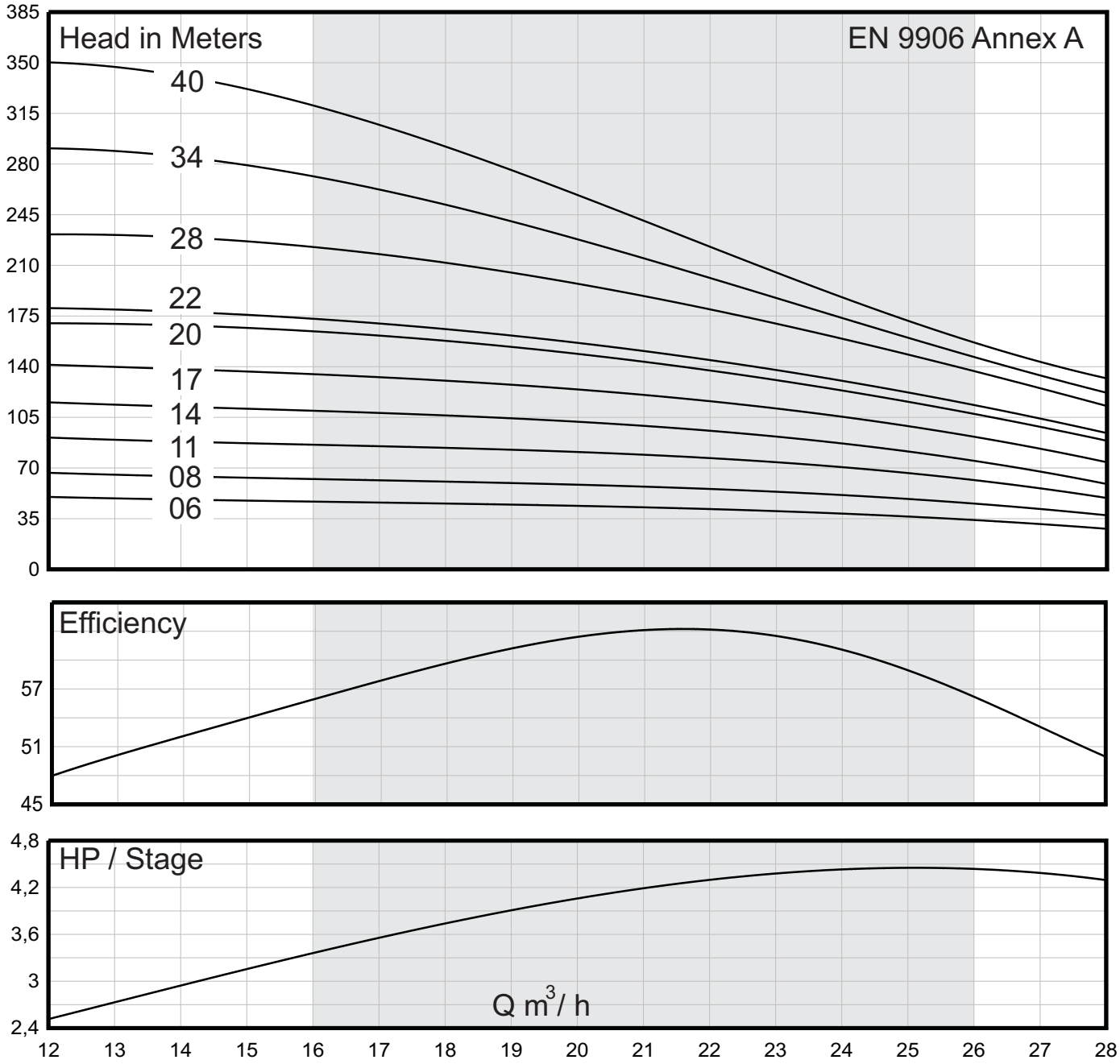
VECTOR ELECTRIC INTERNATIONAL

VE 6 N 69

Submersible Pumps



TYPE & STAGES	POWER		l/sec	0,00	3,33	3,89	4,44	5,00	5,56	6,11	6,39	6,67	6,94	7,22	7,78
	HP	kW	m^3/h	0,0	12,0	14,0	16,0	18,0	20,0	22,0	23,0	24,0	25,0	26,0	28,0
VE 6 N 69 / 06	5,5	4	Head In Meters	58	50	48	47	45	44	43	41	38	35	34	29
VE 6 N 69 / 08	7,5	5,5		77	67	64	62	60	59	57	54	51	47	45	38
VE 6 N 69 / 11	10	7,5		108	91	89	85	83	82	78	75	70	65	61	50
VE 6 N 69 / 14	12,5	9,2		135	116	112	108	106	104	97	92	86	80	74	60
VE 6 N 69 / 17	15	11		164	142	138	133	130	127	117	111	105	97	91	75
VE 6 N 69 / 20	17,5	12,7		197	171	167	163	160	150	137	130	123	115	108	89
VE 6 N 69 / 22	20	15		212	182	176	171	167	160	145	137	129	120	114	95
VE 6 N 69 / 28	25	18,5		272	234	226	219	215	201	180	170	158	146	135	115
VE 6 N 69 / 34	30	22		340	290	285	276	249	226	199	191	173	161	147	121
VE 6 N 69 / 40	40	30		408	346	344	333	283	251	218	212	188	176	159	128

VE 6 N 69
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 = 5,5 HP - 40 HP
Qmax= 28 m^3/ h

AT THE BEST EFFICIENCY POINT:
Q= 22 m^3/ h
H= 218 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:
346 m

IMPELLER TYPE:
Radial

MATERIAL LIST

PART NAME	MATERIAL
Shaft	Stainless steel (AISI 304)
Coupling	Stainless steel (AISI 420)
Coupling screw	Stainless steel (AISI 304)
Bushing	Stainless steel (AISI 304)
Support	Cast Iron (GG25)
Diffusor cover	Noryl
Impeller	Noryl
Diffuser	Noryl
Bearing housing	Resine
Bearing	Resine
Bushing	Noryl
Bushing	Stainless steel (AISI 420)
Washer	Stainless steel (AISI 304)
Screw	Stainless steel (AISI 304)
Retainer	Stainless steel (AISI 304)
Valve housing	Stainless steel (AISI 304)
Valve	Stainless steel (AISI 304)
Oring	Rubber
Housing	Stainless steel (AISI 304)
Valve body	Cast Iron (GG25)
Strainer	Stainless steel (AISI 304)
Cable guard	Resine

OPTIONS

Motor-pump : Cooling shroud

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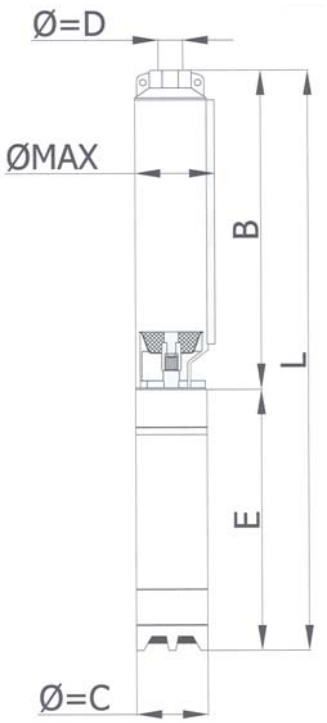
INFORMATIONS

Rotation: Counterclockwise
Shaft End: NEMA Standard
Shaft Diameter: Hexagonal 17 mm



TYPE & STAGES	POWER		PUMP & MOTOR DIMENSIONS (mm)					PUMP & MOTOR WEIGHT (kg)		
	HP	kW	L	E	B	Ø GROUP	Ø = D	MOTOR	PUMP	TOTAL
VE 6 N 69 / 06	5,5	4	1243	618	625	145	2 1/2"	45	11	56
VE 6 N 69 / 08	7,5	5,5	1375	650	725	145	2 1/2"	50	13	63
VE 6 N 69 / 11	10	7,5	1565	690	875	145	2 1/2"	55	15	70
VE 6 N 69 / 14	12,5	9,2	1755	730	1025	145	2 1/2"	60	17	77
VE 6 N 69 / 17	15	11	1955	780	1175	145	2 1/2"	65	19	84
VE 6 N 69 / 20	17,5	12,7	2210	820	1390	145	2 1/2"	70	22,5	92,5
VE 6 N 69 / 22	20	15	2370	880	1490	145	2 1/2"	77	24	101
VE 6 N 69 / 28	25	18,5	2720	980	1740	145	2 1/2"	88	28,7	116,7
VE 6 N 69 / 34	30	22	3230	1030	2200	145	2 1/2"	93	33,2	126,2
VE 6 N 69 / 40	40	30	4500	2050	2450	145	2 1/2"	112	37	20