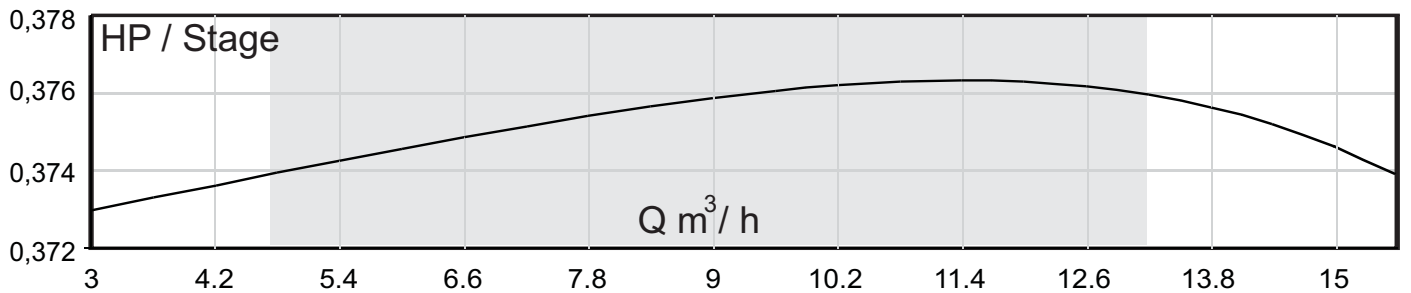
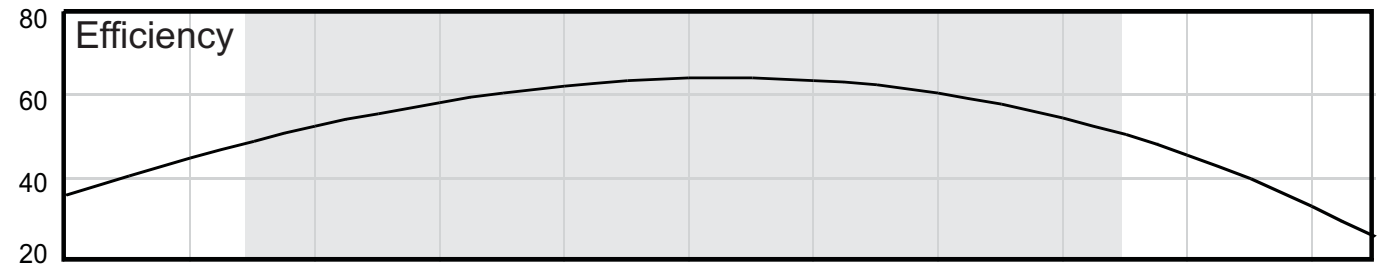
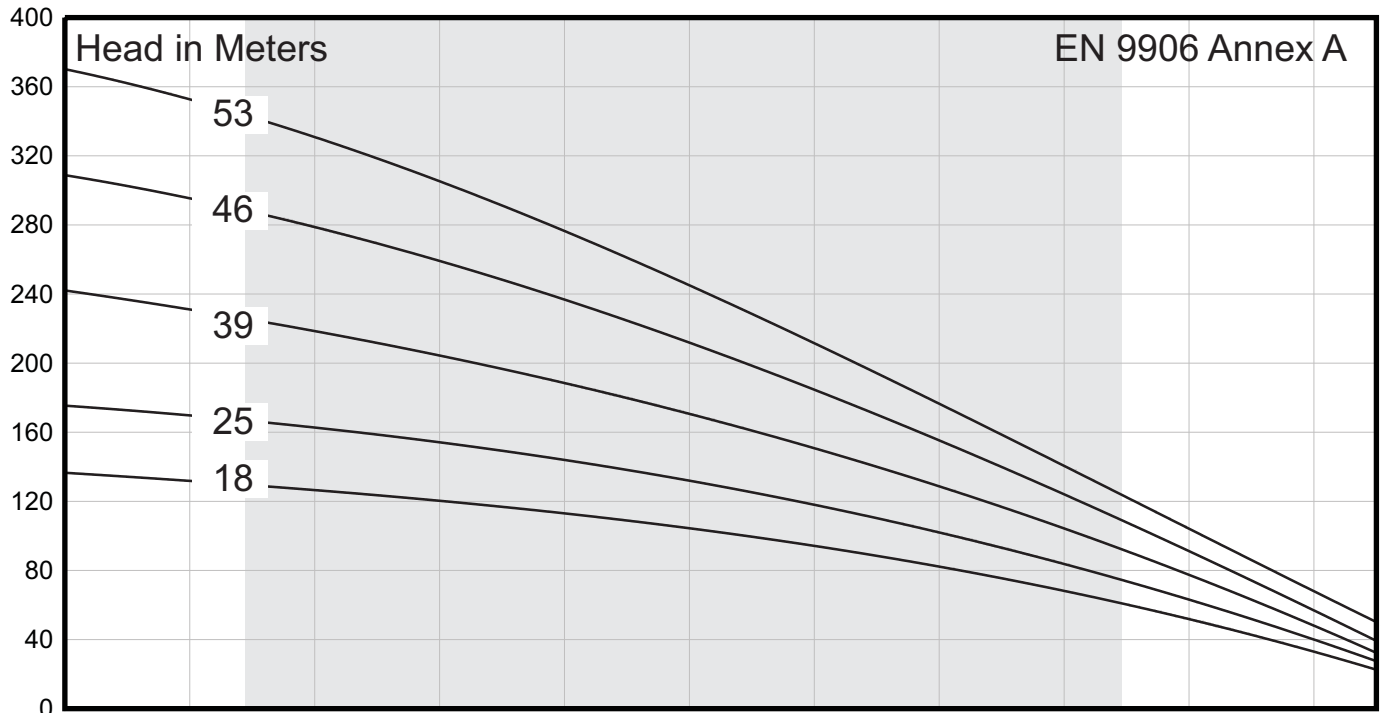


# VECTOR ELECTRIC INTERNATIONAL

## NORYL SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec m <sup>3</sup> /h	0,00	0,83	1,00	1,17	1,33	1,50	1,67	1,94	2,22	2,33	2,50	2,67	2,81	3,00	3,33	3,61	3,89	4,00	4,33
	HP	kW		0,0	3,0	3,6	4,2	4,8	5,4	6,0	7,0	8,0	8,4	9,0	9,6	10,1	10,8	12,0	13,0	14,0	14,4	15,6
VE 6 N 28 / 14	5,5	4	Head In Meters	146	137	134	132	129	126	122	120	113	109	105	99	94	86	76	67	50	38	24
VE 6 N 28 / 18	7,5	5,5		188	175	172	168	167	164	161	155	143	137	130	122	115	107	96	86	62	46	27
VE 6 N 28 / 25	10	7,5		260	242	235	231	225	219	212	207	188	178	168	158	146	135	121	107	75	56	32
VE 6 N 28 / 32	12,5	9,2		332	309	301	294	287	279	271	262	236	222	208	195	180	162	146	128	88	65	39
VE 6 N 28 / 39	15	11		404	371	360	351	342	331	319	306	276	258	244	226	206	184	163	142	102	80	48
VE 6 N 28 / 46	17,5	12,7		476	425	418	409	399	387	372	357	322	300	278	255	233	209	185	160	114	90	58
VE 6 N 28 / 53	20	15		548	475	470	462	453	441	427	401	377	356	334	308	280	252	225	195	138	110	73

# VE 6 N 28

## 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/m<sup>3</sup>  
 Maximum allowable solid dimension: Max 2 mm

#### OPERATING RANGE AT 2900 RPM:

Power = 5,5 HP - 15 HP  
 Qmax= 16 m<sup>3</sup>/h

#### AT THE BEST EFFICIENCY POINT:

Q= 10 m<sup>3</sup>/h  
 H= 226 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:

371 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

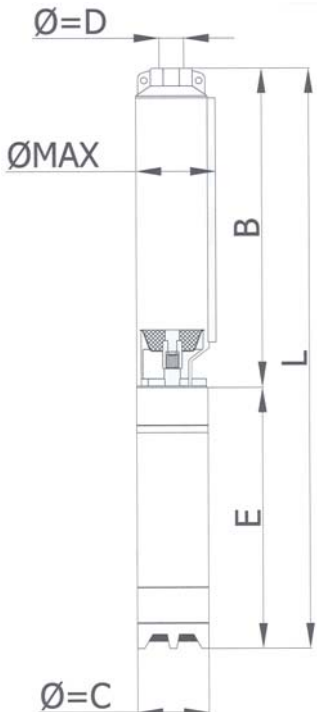
### INFORMATIONS

Rotation: Counterclockwise

Shaft End: NEMA Standard

Shaft Diameter: Hexagonal 17 mm

**VECTOR**  **ELECTRIC**  
 INTERNATIONAL



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 28 / 14	5,5	4	1433	618	815	145	2 1/2"	45	14	59
VE 6 N 28 / 18	7,5	5,5	1605	650	955	145	2 1/2"	50	15	65
VE 6 N 28 / 25	10	7,5	1890	690	1200	145	2 1/2"	55	20	75
VE 6 N 28 / 32	12,5	9,2	2175	730	1445	145	2 1/2"	60	25	85
VE 6 N 28 / 39	15	11	2470	780	1690	145	2 1/2"	65	29	94
VE 6 N 28 / 46	17,5	12,7	2815	820	1995	145	2 1/2"	70	33	103
VE 6 N 28 / 53	20	15	3180	880	2300	145	2 1/2"	77	37	114