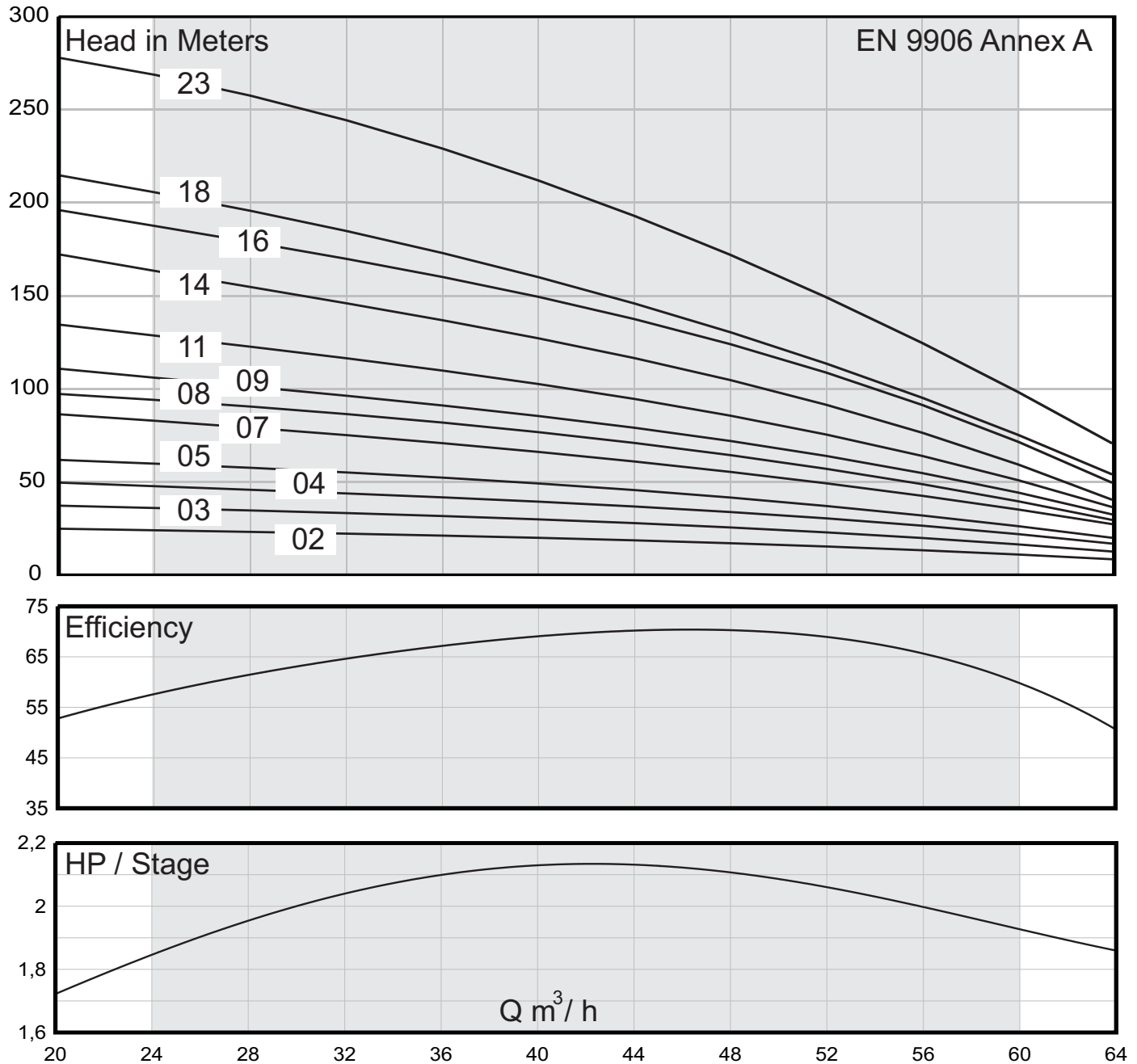


VECTOR ELECTRIC INTERNATIONAL

NORYL SUBMERSIBLE PUMPS





TYPE & STAGES	POWER		l/sec m ³ /h	0,0	5,6	6,7	7,8	8,9	10,0	11,1	12,2	13,3	14,4	15,6	16,7	17,8
	HP	kw		0	20	24	28	32	36	40	44	48	52	56	60	64
VE 6 N 125 / 02	5,5	4	Head In Meters	29	25	24	23	22	21	20	19	17	15	13	11	8
VE 6 N 125 / 03	7,5	5,5		44	37	36	35	33	32	30	28	25	23	20	16	12
VE 6 N 125 / 04	10	7,5		62	50	48	46	44	42	39	37	34	30	26	22	17
VE 6 N 125 / 05	12,5	9,2		71	62	60	58	55	52	49	46	42	37	32	26	20
VE 6 N 125 / 07	15	11		97	86	83	79	75	71	66	61	55	49	42	35	27
VE 6 N 125 / 08	17,5	12,7		111	97	94	90	86	82	77	71	64	57	49	39	29
VE 6 N 125 / 09	20	15		126	111	106	101	96	91	85	79	72	64	55	44	32
VE 6 N 125 / 11	25	18,5		151	135	129	123	116	110	103	95	86	75	64	51	36
VE 6 N 125 / 14	30	22		190	172	163	155	146	137	127	116	105	91	76	59	40
VE 6 N 125 / 16	35	26		218	196	188	179	170	160	149	137	124	109	91	71	49
VE 6 N 125 / 18	40	30		239	215	206	196	185	173	160	146	130	114	95	75	53
VE 6 N 125 / 23	50	37		289	278	269	258	244	229	212	193	172	149	125	98	70

VE 6 N 125

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/m³
 Maximum allowable solid dimension: Max 2 mm

OPERATING RANGE AT 2900 RPM:

Power = 5,5 HP - 30 HP
 Qmax= 64 m³/h

AT THE BEST EFFICIENCY POINT:

Q= 45 m³/h
 H= 190 m

MAXIMUM EXTERNAL PUMP DIAMETER:

145 mm (Including cable guard)

OUTLET DIAMETER:

3"

MAXIMUM DEPTH OF APPLICATION:

Up to 400 m below the water level

MAXIMUM WORKING PRESSURE:

40 atm

MINIMUM LIQUID LEVEL:

800 mm

MAXIMUM HEAD:

278 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

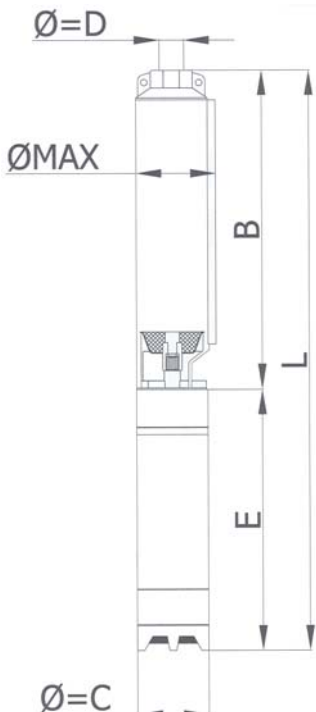
INFORMATIONS

Rotation: Counterclockwise

Shaft End: NEMA Standard

Shaft Diameter: Hexagonal 19 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 125 / 02	5,5	4	1086	610	476	145	3"	45	11,29	56,29
VE 6 N 125 / 03	7,5	5,5	1255	651	604	145	3"	50	12,92	62,92
VE 6 N 125 / 04	10	7,5	1423	691	732	145	3"	55	14,54	69,54
VE 6 N 125 / 05	12,5	9,2	1591	731	860	145	3"	60	16,17	76,17
VE 6 N 125 / 07	15	11	1897	781	1116	145	3"	65	19,42	84,42
VE 6 N 125 / 08	17,5	12,7	2075	831	1244	145	3"	67	21,05	88,05
VE 6 N 125 / 09	20	15	2253	881	1372	145	3"	77	22,67	99,67
VE 6 N 125 / 11	25	18,5	2609	981	1628	145	3"	88	25,92	113,9
VE 6 N 125 / 14	30	22	3043	1031	2012	145	3"	93	30,8	123,8
VE 6 N 125 / 16	35	26	3379	1111	2268	145	3"	105	34,05	139,1
VE 6 N 125 / 18	40	30	3715	1191	2524	145	3"	112	37,3	149,3
VE 6 N 125 / 23	50	37	4435	1271	3164	145	3"	114	45,43	159,4