



# CENNIK

2018



## Pompy 5" VN

# **VN SERIES**

# VN 3-5-9

TABLE OF HYDRAULIC PERFORMANCE AT 50 HZ

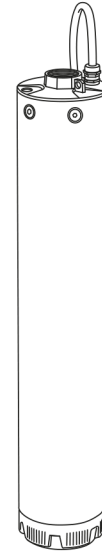
Pump model	RATED POWER		Q = DELIVERY																		
			l/min	0	25.0	33.3	41.7	50.0	58.3	66.7	75.0	83.3	91.7	100.0	116.7	133.3	150.0	166.7	183.3	233.3	266.7
	m <sup>3</sup> /h	0	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	11	14	16		
	US GPM	0	6.6	8.8	11.0	13.2	15.4	17.6	19.8	22.0	24.2	26.4	30.8	35.2	39.6	44.0	48.4	61.6	70.4		
[kW]	[HP]	H = TOTAL HEAD METERS COLUMN OF WATER [m]																			
VN 3/4	0.55	0.75	45	40	37.5	34.5	31	27	23	18											
VN 3/5	0.75	1	56	49	46	42	38	33	27.5	21.5											
VN 3/6	0.75	1	66.5	58	54	49.5	44.5	38.5	32	25											
VN 3/7	0.9	1.2	77.5	68	63.5	58	52	45	37.5	29.5											
VN 3/8	1.1	1.5	88	77	71.5	65	58	50.5	42	32.5											
VN 3/9	1.5	2	100.5	89.5	82.5	76.5	68.5	59.5	50	39.5											
VN 3/10	1.5	2	111.5	98.5	91.5	84	75	65.5	55	43											
VN 5/4	0.75	1	45.5			40.5	39	38	36.5	35	33	30.5	28	22							
VN 5/5	0.9	1.2	57			50.5	49	47.5	45.5	43.5	41	38	35	27.5							
VN 5/6	1.1	1.5	68			59.5	58	55.5	53	50.5	47.5	44	40.5	31.5							
VN 5/7	1.5	2	80.5			71	69	67	64.5	61	58	54	49.5	39							
VN 5/8	1.5	2	91.5			81	78	75.5	72.5	69	65	60.5	55.5	44							
VN 5/9	2.2	3	102.5			91	88	85	81.5	77.5	73	68.5	63	49.5							
VN 5/10	2.2	3	113.5			100	97	93	89.5	85	80	75	69	53.5							
VN 9/3	1.1	1.5	35.5								31.5	31	30.5	29	28	26	24	21.5	11.0		
VN 9/4	1.5	2	47.5								42.5	42	41	39.5	38	35.5	33	29.5	15		
VN 9/5	2.2	3	59.5								52.5	52	51	49	47	44	40.5	36.5	18.5		
VN 9/6	2.2	3	70.5								62	61	60	58	55	51.5	47.5	42	20.5		
VN 9/7	3	4	82.5								73	71.5	70.5	67.5	64.5	60.5	55.5	49.5	24		
VN 9/8	3	4	94								82	80.5	79	76	72	67.5	62	55	25		
VN 9/9	3	4	105								91	89	87.5	84	79.5	74.5	67.5	59.5	26.5		

# VN 3-5-9

## PRODUCT DESCRIPTION

5" close-coupled submersible pump made of stainless steel AISI304, including 20 m of cable H07RN-F.

TECHNICAL DATA	
Power range:	0.55 kW ÷ 3 kW
Frequency:	50 Hz
Flow:	up to 14 m <sup>3</sup> /h
Head:	up to 110 m
Maximum immersion depth:	20 m
Liquid temperature:	- 5 °C; + 40 °C
Protection degree:	IP68
Insulation class:	F
MATERIALS	
Delivery outlet:	Nikel plated brass
Casing:	Stainless steel AISI 304
Impellers:	Stainless steel AISI 304
Double Mechanical seal :	Ceramic / Carbon / NBR
Elastomers:	NBR



## SINGLE-PHASE VERSION 1x230 V

Model	Without capacitor Without float switch		Without capacitor With float switch		Capacitor		Cable section [mm <sup>2</sup> ]	Power		Performance		Weight [Kg]
	Code	Price	Code	Price	[µf]	[Vc]		[kW]	[HP]	Q [m <sup>3</sup> /h]	H [m]	
VN 3/4	10530115	€ 427,42	10530116	€ 471,58	20	450	1	0.55	0.75	1.5 ÷ 4.5	40 ÷ 18	16
VN 3/5	10530130	€ 444,50	10530131	€ 488,68	20	450	1	0.75	1		49 ÷ 22	18
VN 3/6	10530145	€ 465,88	10530146	€ 510,06	20	450	1	0.75	1		58 ÷ 25	18.5
VN 3/7	10530160	€ 504,34	10530161	€ 548,52	30	450	1	0.9	1.2		68 ÷ 30	20
VN 3/8	10530175	€ 548,52	10530176	€ 592,69	30	450	1	1.1	1.5		77 ÷ 33	20.5
VN 3/9	10530190	€ 614,06	10530191	€ 658,22	35	450	1	1.5	2		90 ÷ 40	23.5
VN 3/10	10530205	€ 648,26	10530206	€ 692,39	35	450	1	1.5	2		99 ÷ 43	24
VN 5/4	10550115	€ 440,23	10550116	€ 484,39	20	450	1	0.75	1	2.5 ÷ 7	41 ÷ 22	17.5
VN 5/5	10550130	€ 463,03	10550131	€ 507,22	30	450	1	0.9	1.2		51 ÷ 28	19
VN 5/6	10550145	€ 504,34	10550146	€ 548,52	30	450	1	1.1	1.5		60 ÷ 32	19.5
VN 5/7	10550160	€ 568,46	10550161	€ 612,64	35	450	1	1.5	2		71 ÷ 39	22.5
VN 5/8	10550175	€ 618,33	10550176	€ 662,49	35	450	1	1.5	2		81 ÷ 44	23
VN 5/9	10550190	€ 693,83	10550191	€ 749,34	45	450	1.5	2.2	3		91 ÷ 50	25
VN 5/10	10550205	€ 752,24	10550206	€ 811,14	45	450	1.5	2.2	3		100 ÷ 54	25.5
VN 9/3	10590100	€ 567,03	10590101	€ 611,21	30	450	1	1.1	1.5	5 ÷ 14	32 ÷ 11	18.5
VN 9/4	10590115	€ 648,26	10590116	€ 692,39	35	450	1	1.5	2		43 ÷ 15	21.5
VN 9/5	10590130	€ 738,00	10590131	€ 796,96	45	450	1.5	2.2	3		53 ÷ 19	23.5
VN 9/6	10590145	€ 837,72	10590146	€ 904,76	45	450	1.5	2.2	3		62 ÷ 21	24.5

## THREE-PHASE VERSION

Model	3x230 V		3x400 V		Cable section [mm <sup>2</sup> ]	Power		Performance		Weight [Kg]
	Code	Price	Code	Price		[kW]	[HP]	Q [m <sup>3</sup> /h]	H [m]	
VN 3/4 T	10530573	€ 419,28	10530569	€ 407,07	1	0.55	0.75	1.5 ÷ 4.5	40 ÷ 18	16
VN 3/5 T	10530591	€ 436,02	10530584	€ 423,33	1	0.75	1		49 ÷ 22	16.5
VN 3/6 T	10530603	€ 457,01	10530599	€ 443,70	1	0.75	1		58 ÷ 25	17.5
VN 3/7 T	10530515	€ 494,76	10530505	€ 480,34	1	0.9	1.2		68 ÷ 30	18.5
VN 3/8 T	10530529	€ 544,42	10530520	€ 528,57	1	1.1	1.5		77 ÷ 33	19.5
VN 3/9 T	10530541	€ 591,39	10530535	€ 574,16	1	1.5	2		90 ÷ 40	21.5
VN 3/10 T	10530556	€ 628,06	10530550	€ 609,78	1	1.5	2		99 ÷ 43	22
VN 5/4 T	10550625	€ 431,84	10550629	€ 419,27	1	0.75	1	2.5 ÷ 7	41 ÷ 22	16.5
VN 5/5 T	10550504	€ 454,21	10550505	€ 440,98	1	0.9	1.2		51 ÷ 28	17.5
VN 5/6 T	10550534	€ 504,81	10550520	€ 490,10	1	1.1	1.5		60 ÷ 32	18.5
VN 5/7 T	10550548	€ 547,36	10550535	€ 531,41	1	1.5	2		71 ÷ 39	20.5
VN 5/8 T	10550556	€ 598,72	10550550	€ 581,28	1	1.5	2		81 ÷ 44	21
VN 5/9 T	10550572	€ 650,09	10550565	€ 631,15	1	2.2	3		91 ÷ 50	23.5
VN 5/10 T	10550586	€ 710,25	10550580	€ 689,56	1	2.2	3		100 ÷ 54	24
VN 9/3 T	10590515	€ 556,24	10590505	€ 540,04	1	1.1	1.5	5 ÷ 14	32 ÷ 11	17.5
VN 9/4 T	10590533	€ 628,06	10590520	€ 609,78	1	1.5	2		43 ÷ 15	19.5
VN 9/5 T	10590546	€ 694,11	10590535	€ 673,89	1	2.2	3		53 ÷ 19	22
VN 9/6 T	10590558	€ 798,29	10590550	€ 775,04	1	2.2	3		62 ÷ 21	22.5
VN 9/7 T	10590571	€ 905,41	10590565	€ 879,04	1	3	4		73 ÷ 24	24.5
VN 9/8 T	10590586	€ 1.053,62	10590580	€ 1.022,93	1	3	4		82 ÷ 25	25
VN 9/9 T	10590602	€ 1.226,78	10590595	€ 1.191,04	1	3	4		91 ÷ 27	25.5

## CB

### PRODUCT DESCRIPTION

Control panel for submersible pump 5" VN series (Nauti).

TECHNICAL DATA	
Power voltage:	1x220-240 V
Frequency:	50-60 Hz
Protection degree:	IP55
Weight:	0.35 Kg
PRODUCT FEATURES	
Control panel composed by: polycarbonate enclosure, ON/OFF main switch, thermic switch for motor protection (starting from 1,5kW), capacitor.	



Model	Code	Price	Capacitor [µf]	Power		
				[kW]	[HP]	[A]
CB/16MF	14901616	€ 26,11	16	0.37	0.5	-
CB/20MF	561005010	€ 30,46	20	0.55 ÷ 0.75	0.75 ÷ 1	-
CB/30MF	561005012	€ 32,64	30	0.9 ÷ 1.1	1.2 ÷ 1.5	-
CB/35MF	561005013	€ 44,60	35	1.5	2	16
CB/45MF	561005014	€ 45,69	45	2.2	3	18