NOCCHI
Pentair Water

MULTINOX VE

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

The Multinox-VE vertical multistage centrifugal pumps are especially suitable for the manufacture of pumping assemblies, above all in cases where a high level of efficiency and silence is required with reduced overall floor dimensions.

- **HIGH HYDRAULIC EFFICIENCY**
- **STRONG AND RESISTANT**

MULTINOX 200/110 T
MULTINOX 200/140 T

Applications

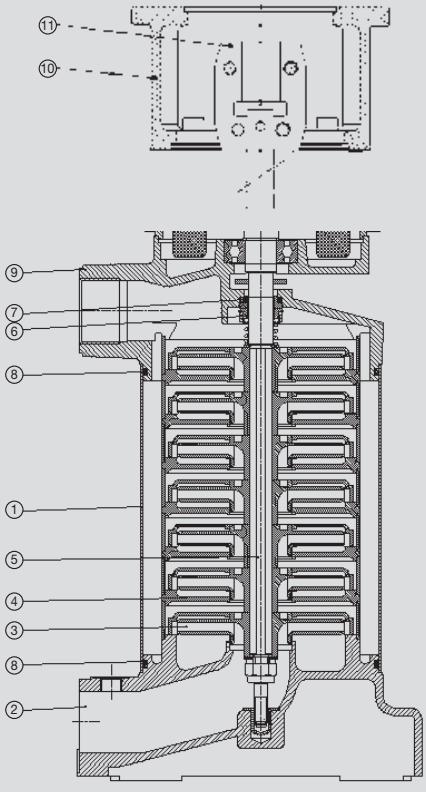
- Pumping and distribution of water in domestic systems used on a continuous or intermittent basis
- Booster systems
- Washing systems, garden irrigation, fountains.
- Firefighting systems

Motor

- Enclosed, externally ventilated
- Level of protection IP 44.
  IP55 MULTINOX-VE 200/110.
  IP55 MULTINOX-VE 200/140.
- Class F insulation.
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding.
- Three phase power supply with external protection provided by the user.
- Speed of rotation 2850 rpm.
- Suitable for continuous use.

Usage limitations

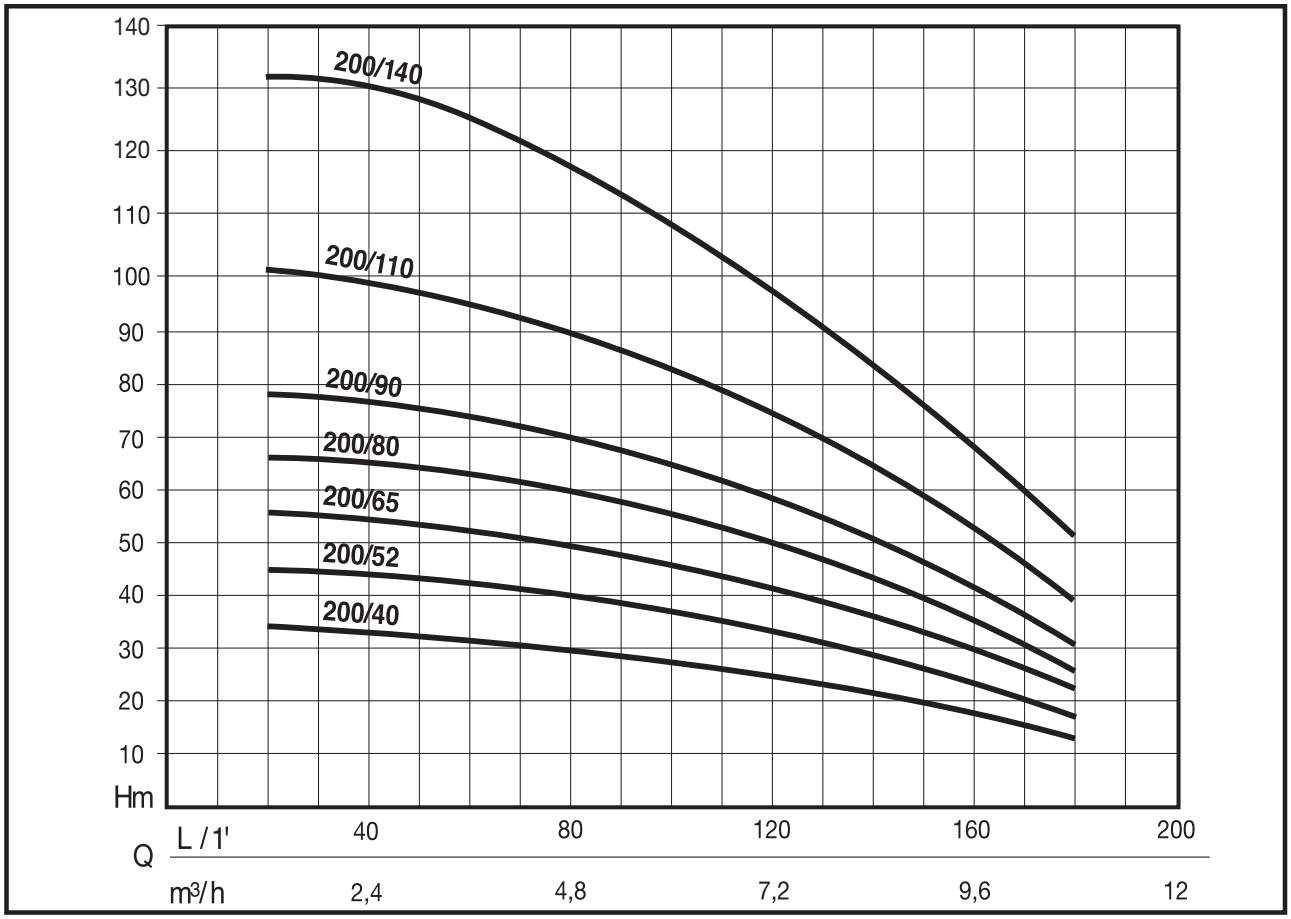
- Type of liquid: clean water with no suspended solids or abrasive material
- Maximum liquid temperature 50°C
- Maximum recommended suction height 6 m with foot valve
- Maximum operating pressure:
  9 bar
  12 bar (versione MULTINOX-VE 200/110)
  20 bar (versione MULTINOX-VE 200/140)



DESIGN FEATURES

	Component	Material
1	Outer liner (pump body)	X5 CrNi 1810 (Aisi 304) Stainless steel
2	Suction flange	EN GJL 200 (ex G20) Cast iron
3	Impeller	Technopolymer with AISI 304 stainless steel shim ring
4	Diffuser	Technopolymer
5	Shaft (hydraulic end)	X5 CrNi 1810 (Aisi 304) Stainless steel
6	Mechanical seal	Graphite
7	Counterface	Ceramic
8	O'ring	NBR 70 shore
9	Discharge flange Motor bracket	EN GJL 200 (ex G20) Cast iron
10	Adapter	EN GJL 200 (ex G20) Grey cast iron on model 200/110
11	Motor joint	EN GJS 400 (ex GS400) Nodular cast iron on model 200/110

TABLE OF HYDRAULIC PERFORMANCE



PUMP PERFORMANCE

CODE	MODEL	Nominal Power HP	Nominal Power kW	Absorbed Power HP	Absorbed Power kW	VOLTAGE (V)	Amp.	µF.	Q L/1'	20	60	100	140	180
									m³/h	1,2	3,6	6	8,4	10,8
N4194010-B	MULTINOX-VE 200/40 M	1,3	1	1,9	1,4	1 ~ 220÷240 V	6,3	20	Discharge head in meters	33,7	32,1	27,6	21,5	13,1
N4194020-B	MULTINOX-VE 200/40 T			1,7	1,3	3 ~ 230÷400 V	4-2,3							
N4194030-B	MULTINOX-VE 200/52 M	1,6	1,2	2,4	1,8	1 ~ 220÷240 V	8,5	25		44,9	42,8	36,8	28,6	17,5
N4194040-B	MULTINOX-VE 200/52 T			2,3	1,7	3 ~ 230÷400 V	5,7-3,3							
N4194080-B	MULTINOX-VE 200/65 M	2,0	1,5	3	2,2	1 ~ 220÷240 V	9,5	35		56,1	53,4	46	35,8	21,8
N4194050-B	MULTINOX-VE 200/65 T			2,8	2,1	3 ~ 230÷400 V	7,3-4,2							
N4194060-B	MULTINOX-VE 200/80 T	2,3	1,7	3,2	2,4	3 ~ 230÷400 V	8,7-5			67,3	64,1	55,2	42,9	26,2
N4194070-B	MULTINOX-VE 200/90 T	2,5	1,9	3,8	2,8	3 ~ 230÷400 V	9,5-5,5			78,6	74,8	64,4	50,1	30,6
N4194090	MULTINOX-VE 200/110 T	3,5	2,6	4,4	3,2	3 ~ 230÷400 V	10-5,6			101	96,2	82,8	64,4	39,3
N4194100	MULTINOX-VE 200/140 T	5,4	4	5,4	4,8	3 ~ 230÷400 V	13,9-8			133,7	126,3	108,5	84	51,7

TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.							Weight
	A	B	C	D	E	DNA	DNM	kg
MULTINOX-VE 200/40	438	115	37	143	204	1" 1/4	1" 1/4	19
MULTINOX-VE 200/52	466	115	37	174	204	1" 1/4	1" 1/4	21
MULTINOX-VE 200/65	504	115	37	203	204	1" 1/4	1" 1/4	23
MULTINOX-VE 200/80	525	115	37	230	204	1" 1/4	1" 1/4	25
MULTINOX-VE 200/90	555	115	37	257	204	1" 1/4	1" 1/4	27
MULTINOX-VE 200/110	760	115	37	320	204	1" 1/4	1" 1/4	36
MULTINOX-VE 200/140	875	115	37	400	204	1" 1/4	1" 1/4	39