

NOCCHI MULTINOX-VE VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

HIGH HYDRAULIC EFFICIENCY, STRONG AND RESISTANT



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.

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)

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

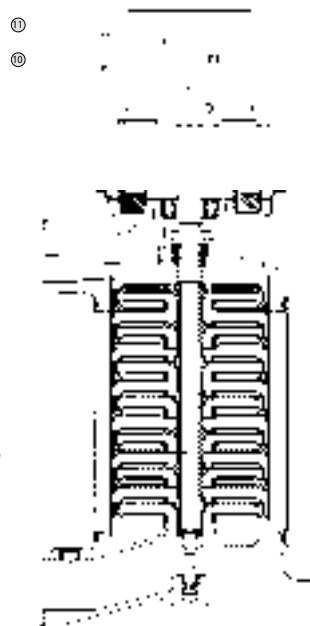
- Enclosed, externally ventilated
- Level of protection IP 44.
- IP55 MULTINOX-VE 200/110.
- IP55 MULTINOX-VE 200/140.
- Class F insulation.
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding.
- Three phase power supply with external protection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



MULTINOX 200/110 T
MULTINOX 200/140 T

DESIGN FEATURES

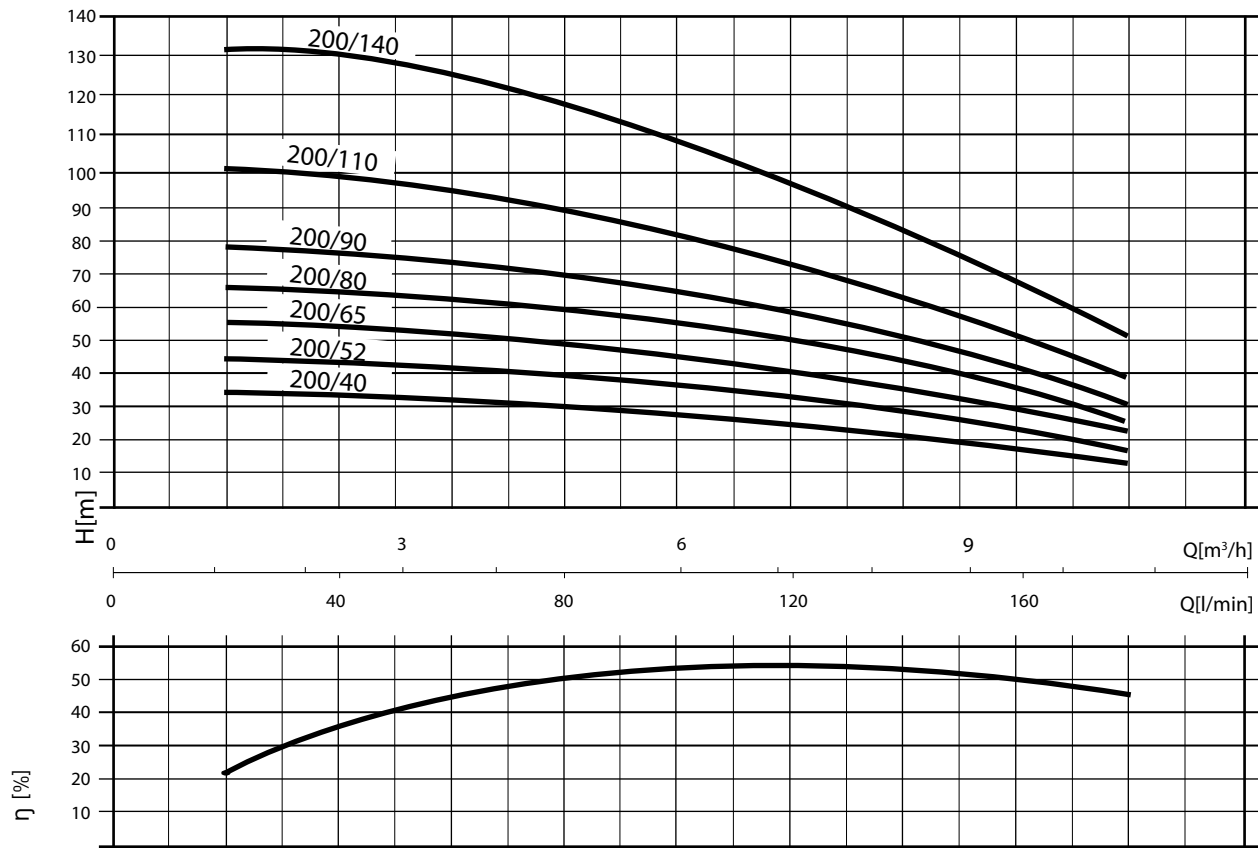
Component		Material
1	Outer liner (pump body)	X5 CrNi 1810 (AISI 304) Stainless steel
2	Suction flange	EN GJL 200 (ex G20) Cast iron
3	Impeller	Technopolymer with AISI 304 stainless steel shim ring
4	Diffuser	Technopolymer
5	Shaft (hydraulic end)	X5 CrNi 1810 (AISI 304) Stainless steel
6	Mechanical seal	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 200/110-200/140
11	Motor joint	EN GJS 400 (ex GS400) Nodular cast iron on model 200/110-200/140



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HYDRAULIC PERFORMANCE



MEI $\geq 0,1$ - Benchmark MEI $\geq 0,70$ - Information on benchmark efficiency is available at www.europump.org/efficiencycharts

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VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

TABLE OF PERFORMANCE

MODEL	Power (P2)		Power (P1)		VOLT	In (A)	μF	Q	L/1'	20	60	100	140	180
	HP	kW	HP	kW					m³/h	1,2	3,6	6	8,4	10,8
MULTINOX VE 200/40 M MULTINOX VE 200/40 T	1,35	1	1,9 1,7	1,4 1,3	1 ~ 220÷240 V 3 ~ 230÷400 V	6,3 4-2,3	20	m.c.a. / m.c.w.		33,7	32,1	27,6	21,5	13,1
MULTINOX VE 200/52 M MULTINOX VE 200/52 T	1,6	1,2	2,4 2,3	1,8 1,7	1 ~ 220÷240 V 3 ~ 230÷400 V	8,5 5,7-3,3	25			44,9	42,8	36,8	28,6	17,5
MULTINOX VE 200/65 M MULTINOX VE 200/65 T	2	1,5	3 2,8	2,2 2,1	1 ~ 220÷240 V 3 ~ 230÷400 V	9,5 7,3-4,2	35			56,1	53,4	46	35,8	21,8
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
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
MULTINOX VE 200/110 T	4	3	4,4	3,2	3 ~ 230÷400 V	10,2-5,9				101	96,2	82,8	64,4	39,3
MULTINOX VE 200/140	5,5	4	5,4	4,8	3 ~ 230÷400 V	13,5-7,8				133,7	126,3	108,5	84	51,7

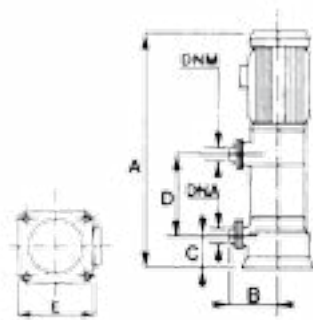


TABLE OF SIZES AND WEIGHTS

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