

NOCCHI MULTINOX-VE VERTICAL MULTI-CELL CENTRIFUGAL PUMPS

SUPERIOR HYDRAULIC EFFICIENCY, ROBUST AND RESISTANT



The MULTINOX-VE series of vertical multi-cell centrifugal pumps are the ideal solution for use in lifting stations, above all where optimal performance and silent operation are needed with a compact overall layout.

APPLICATION DATA

- Type of liquid: clean water without suspended solid bodies or abrasive material.
- Maximum liquid temperature: 50°C.
- Maximum recommended suction height: 6 m with foot valve.
- Maximum operating pressure: 9 bar.
- 12 bar (version MULTINOX-VE 200/110)
- 20 bar (version MULTINOX-VE 200/140)

APPLICATIONS

- Lifting and distribution of water in domestic systems, with continuous or intermittent duty.
- Pressure booster systems.
- Fire fighting systems.
- Washing, garden irrigation, fountains.

MOTOR

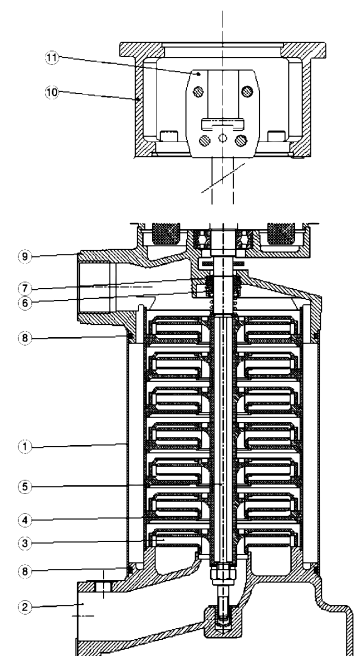
- Closed, ventilated from exterior.
- Protection rating IP 44.
IP55 MULTINOX-VE 200/110.
IP55 MULTINOX-VE 200/140.
- Insulation class F.
- Single phase power supply with permanently activated capacitor and thermal cutout protection incorporated in the motor winding.
- Three phase power supply with external protection to be fitted by the user.
- Rotation speed 2850 rpm.
- Continuous duty.



MULTINOX 200/110 T
MULTINOX 200/140 T

TABLE OF MATERIALS

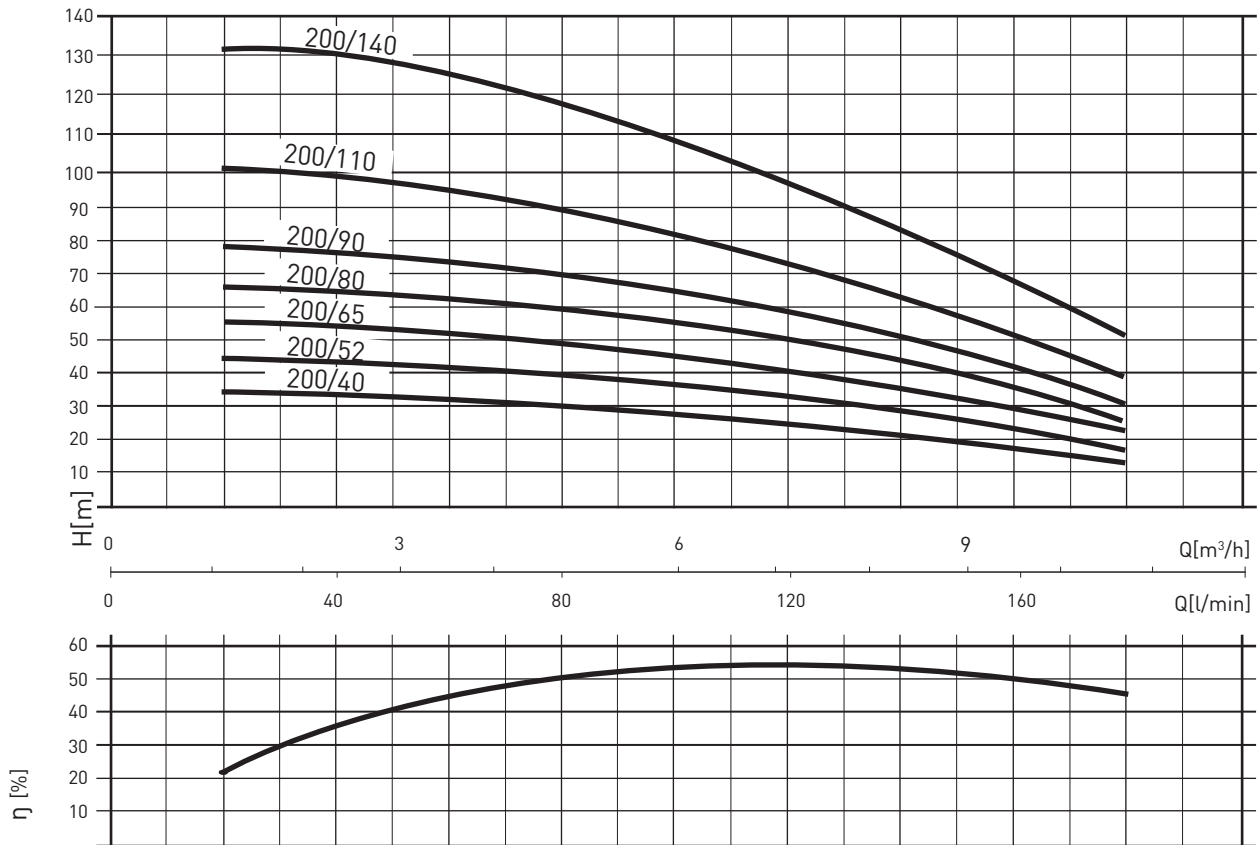
Component		Material
1	Casing (pump body)	Stainless steel X5 CrNi 1810 (AISI 304)
2	Suction flange	Cast iron EN GJL 200 (ex G20)
3	Impellers	Technopolymer with shim ring in stainless steel X5 CrNi 1810 (Aisi 304)
4	Diffusers	Technopolymer
5	Shaft (hydraulic section)	Stainless steel X5 CrNi 1810 (AISI 304)
6	Mechanical gasket	Graphite
7	Counterface	Ceramic
8	Seals	NBR 70 shore
9	Motor bracket delivery flange	Cast iron EN GJL 200 (ex G20)
10	Motor housing	Grey cast iron EN GJL 200 (ex G20) Version 200/110-200/140
11	Motor coupling	Spheroidal cast iron EN GJS 400 (ex GS 400) Version 200 / 110 - 200 / 140



NOCCHI MULTINOX-VE

VERTICAL MULTI-CELL CENTRIFUGAL PUMPS

HYDRAULIC PERFORMANCE



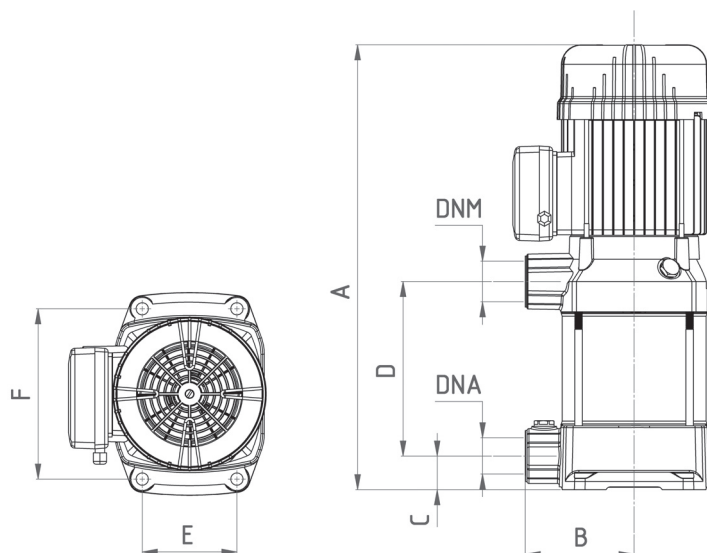
MEI ≥ 0.1 - MEI reference ≥ 0.70 - The reference efficiency information is available on the website: www.europump.org/efficiencycharts

PERFORMANCE TABLE

MODEL	Motor output (P2)		Motor output (P1)		VOLT	In (A)	μF	Q	L/ min	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.w.c.		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

NOCCHI MULTINOX-VE

VERTICAL MULTI-CELL CENTRIFUGAL PUMPS



OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions (mm)								Weight (kg)
	A	B	C	D	E	F	DNA	DNM	
MULTINOX-VE 200/40	438	115	37	143	145	145	1" 1/4	1" 1/4	19
MULTINOX-VE 200/52	466	115	37	174	145	145	1" 1/4	1" 1/4	21
MULTINOX-VE 200/65	504	115	37	203	145	145	1" 1/4	1" 1/4	23
MULTINOX-VE 200/80	525	115	37	230	145	145	1" 1/4	1" 1/4	25
MULTINOX-VE 200/90	555	115	37	257	145	145	1" 1/4	1" 1/4	27
MULTINOX-VE 200/110	760	115	37	320	145	145	1" 1/4	1" 1/4	36
MULTINOX-VE 200/140	875	115	37	400	145	145	1" 1/4	1" 1/4	39

LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289