

## MULTISTAGE CENTRIFUGAL PUMPS

The MCX series horizontal multistage centrifugal pumps offer the following benefits:

- High hydraulic pressure and flow rate performance
- Minimum electric energy consumption
- Extremely silent operation

### Design Features

- Stainless steel pump casing AISI304
- Die-cast aluminium motor bracket
- Technopolymer impellers with stainless steel shim ring
- Technopolymer diffusers
- Stainless steel shaft (hydraulic end)
- Graphite mechanical seal with ceramic counterface

### Motor

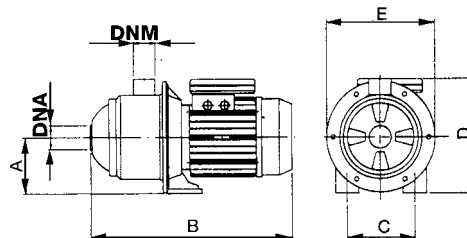
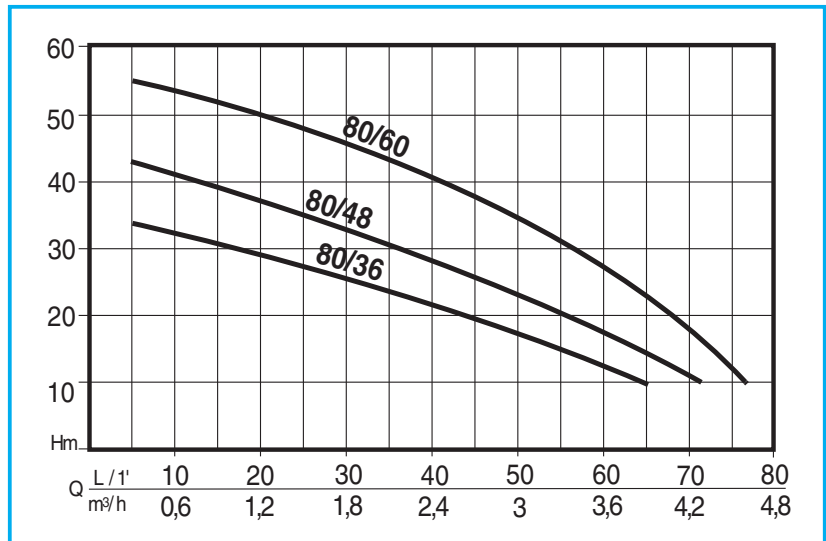
- Enclosed, externally ventilated
- Level of protection IP 44
- Class F insulation
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Three phase power supply with external protection provided by the user
- Speed of rotation 2850 rpm
- 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 6m with foot valve
- Maximum operating pressure 7 bar

### Applications

- Pumping and distribution of water in domestic systems
- Booster systems
- Firefighting systems
- Washing systems, irrigation



Model	Dimensions mm.							Weight
	A	B	C	D	E	DNA	DNM	Kg
MCX 80/36	90	296	99	190	174	1"	1"	6
MCX 80/48	90	318	99	190	174	1"	1"	7
MCX 80/60	90	360	99	195	174	1"	1"	8

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	Q	Discharge head in meters							PRICE			
		HP	kW	HP	kW					0	20	40	60	80	100					
N4201180-B	MCX 80/36 M	0,6	0,45	0,8	0,6	1 ~ 230 V	2,9	12,5	Discharge head in meters	35	28	21	13	0,5						
N4201240-B	MCX 80/36 T					3 ~ 230 ÷ 400 V	2-1,2											45	36	28
N4201190-B	MCX 80/48 M	1 ~ 230 V	4	57	50	40	27	3												
N4201250-B	MCX 80/48 T	3 ~ 230 ÷ 400 V	2,6-1,5																	
N4201200-B	MCX 80/60 M	1	0,75	1,3	1	1 ~ 230 V	4,8	16												
N4201260-B	MCX 80/60 T					3 ~ 230 ÷ 400 V	2,9-1,7													

Steel base supplied separately

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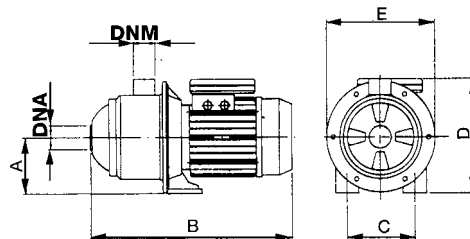
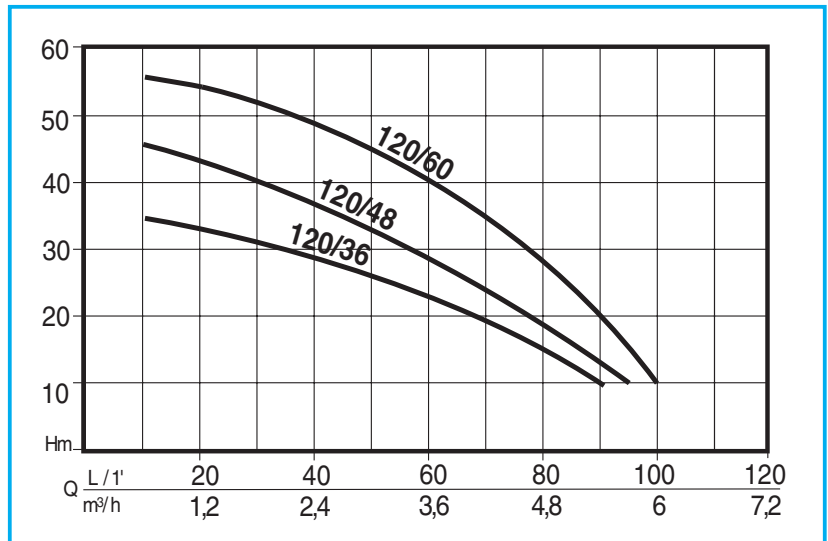
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Model	Dimensions mm.							Weight
	A	B	C	D	E	DNA	DNM	Kg
MCX 120/36	90	316	99	195	174	1"	1"	8
MCX 120/48	90	338	99	195	174	1"	1"	9
MCX 120/60	90	360	99	195	174	1"	1"	10

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	μF.	Q	Discharge head in meters						PRICE	
		HP	kW	HP	kW					0	20	40	60	80	100		
N4201210-B	MCX 120/36 M	1	0,75	1,1	0,8	1 ~ 230 V 3 ~ 230 ÷ 400 V	3,5 2,9-1,7	12,5	Discharge head in meters	0	20	40	60	80	100		
N4201270-B	MCX 120/36 T									0	1,2	2,4	3,6	4,8	6		
N4201220-B	MCX 120/48 M	1	0,75	1,5	1,1	1 ~ 230 V 3 ~ 230 ÷ 400 V	4,6 3,6-2,1	16		36	48	60	80	100			
N4201280-B	MCX 120/48 T									36	42	48	54	60			
N4201230-B	MCX 120/60 M	1,2	0,9	1,7	1,25	1 ~ 230 V 3 ~ 230 ÷ 400 V	5,8 3,5-2	20		60	80	100	120	140	160		
N4201290-B	MCX 120/60 T									60	66	72	78	84			

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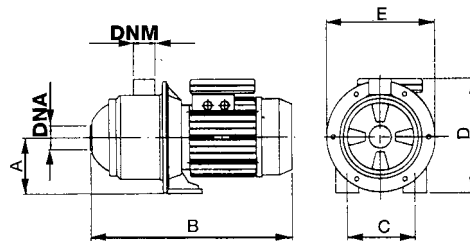
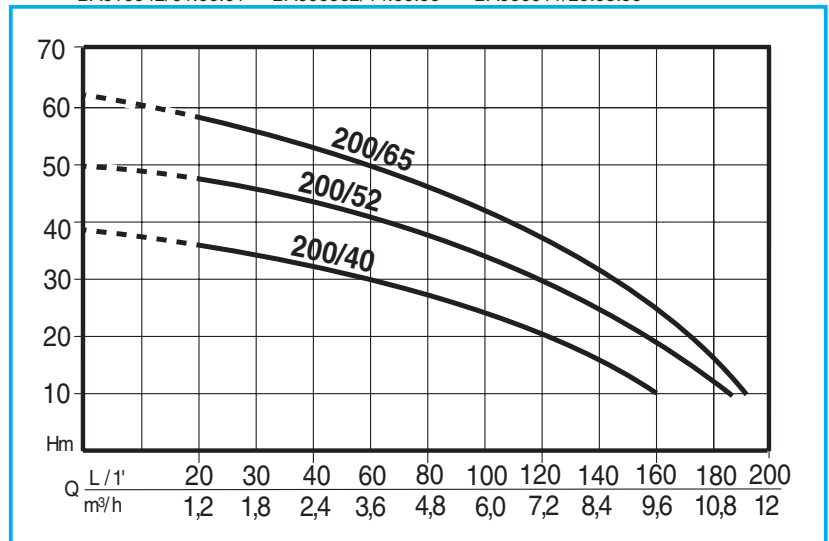
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BA010042/01.06.01 BA000062/14.06.00 BA000011/29.03.99



Model	Dimensions mm.							Weight kg
	A	B	C	D	E	DNA	DNM	
MCX 200/40	105	400	141	235	205	1 1/4"	1 1/4"	14
MCX 200/52	105	430	141	235	205	1 1/4"	1 1/4"	16
MCX 200/65	105	460	141	235	205	1 1/4"	1 1/4"	18

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	μF.	Q	Discharge head in meters							PRICE	
		HP	KW	HP	KW					0	20	40	80	120	160	200		
N4201360-B	MCX 200/40 M	1,5	1,1	2	1,5	1 ~ 230 V	7	20	Discharge head in meters	38	35	32	26	19	11			
N4201370-B	MCX 200/40 T					3 ~ 230 ÷ 400 V	3,6-2,1			49	47	44	38	29	18	3		
N4201380-B	MCX 200/52 M	1,8	1,3	2,5	1,8	1 ~ 230 V	8,5	25		62	59	55	47	36	22	4		
N4201390-B	MCX 200/52 T					3 ~ 230 ÷ 400 V	5-2,9											
N4201400-B	MCX 200/65 T	1,9	1,4	2,7	2	3 ~ 230 ÷ 400 V	6-3,5											

Steel base supplied separately