

SURFACE PUMPS

MULTISTAGE CENTRIFUGAL PUMPS

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

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

Design Features

- Stainless steel pump casing AISI 304
- 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

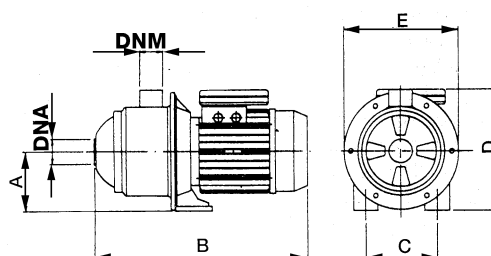
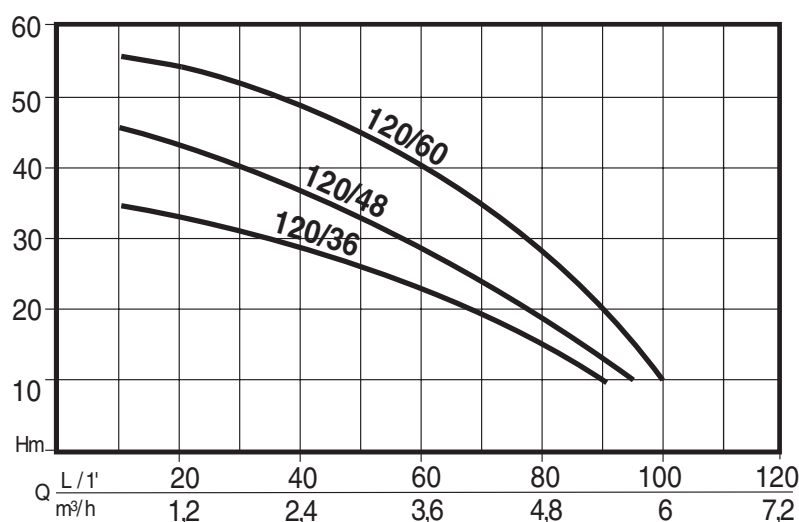
- Enclosed, externally ventilated
- Level of protection IP 44
- Class F insulation
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Three phase power supply with external protection provided by the user
- Speed of rotation 2850 rpm
- 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 6 m 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 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	L/1'	0	20	40	60	80	100			PRICE
		HP	kW	HP	kW					m³/h	0	1,2	2,4	3,6	4,8	6			
N4201210-B N4201270-B	MCX 120/36 M MCX 120/36 T	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		36	33	28	22	14	4			
N4201220-B N4201280-B	MCX 120/48 M MCX 120/48 T	1	0,75	1,5	1,1	1 ~ 230 V 3 ~ 230 ÷ 400 V	4,6 3,6-2,1	16			48	42	37	27	18	5			
N4201230-B N4201290-B	MCX 120/60 M MCX 120/60 T	1,2	0,9	1,7	1,25	1 ~ 230 V 3 ~ 230 ÷ 400 V	5,8 3,5-2	20			60	55	48	36	26	10			

Steel base supplied separately