

MULTINOX-XC

Multistage centrifugal pumps

The MULTINOX-XC series horizontal multistage centrifugal pumps offer the following benefits:

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



APPLICATIONS

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

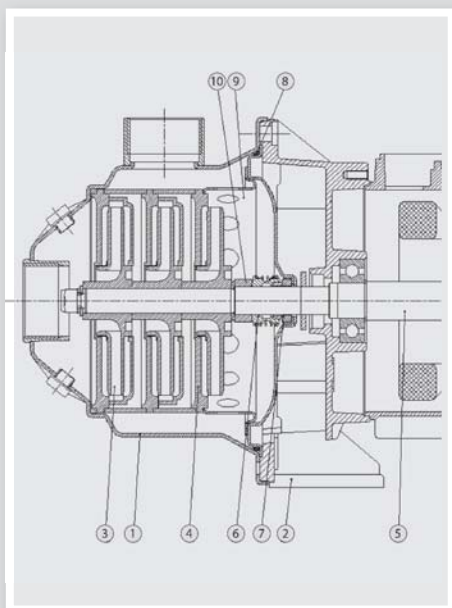
MOTOR

- Enclosed, externally ventilated
- Level of protection IP44
- 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 2850rpm
- Suitable for continuous use

USAGE LIMITATION

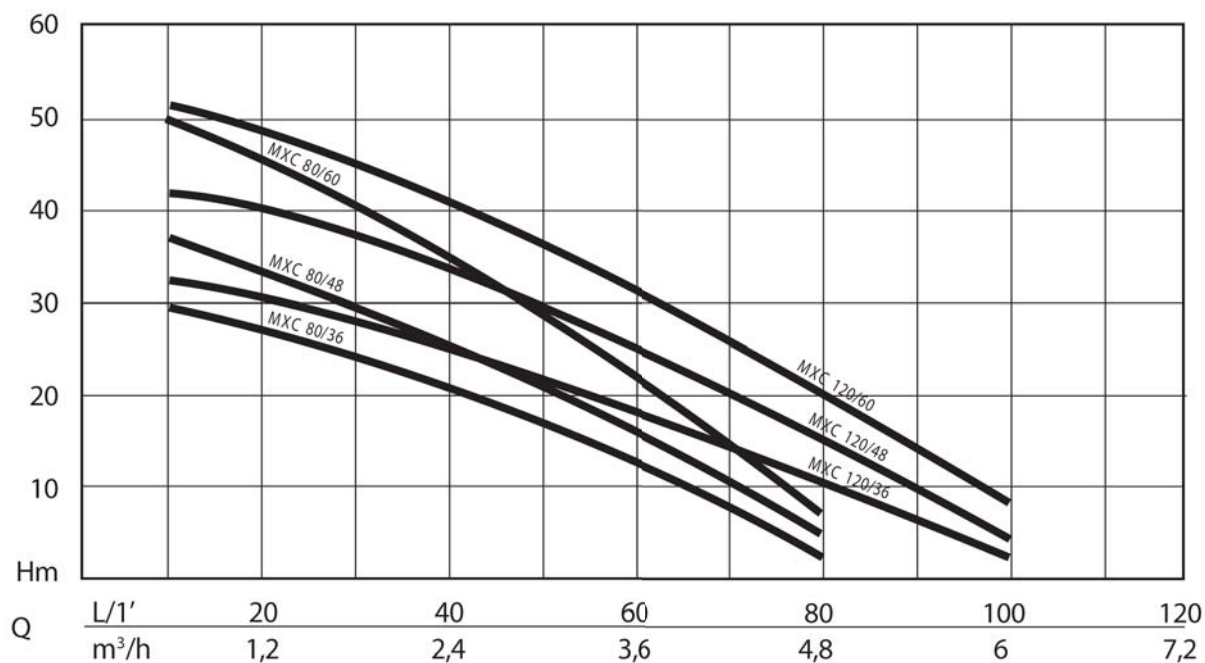
- Type of liquid: clean water with no suspended solids or abrasive material
- Maximum liquid temperature 50°C
- Maximum recommended suction height 6m with foot valve
- Maximum operating pressure 7bar

DESIGN FEATURES



Component		Material
1	Pump casing	X5 CrNi 18-10 EN1.4301 (AISI 304) Stainless steel
2	Motor bracket	Die-cast aluminum
3	Impeller	Technopolymer with X5 CrNi 18-10 EN1.4301 (AISI 304) stainless steel shim ring
4	Diffusor	Technopolymer
5	Motor shaft (hydraulic end)	X5 CrNi 18-10 EN1.4301 (AISI 304) Stainless steel
6	Mechanical seal	Graphite
7	Counterface	Ceramic
8	O-rings	NBR 70 shore
9	Seal holder plate	GNF 2V Noryl

HYDRAULIC PERFORMANCE



MODEL	Power (P2)		Power (P1)		VOLT	In (A)	μF	Q	L/1'	10	20	30	40	50	60	80	100
	HP	kW	HP	kW					m³/h	0,6	1,2	1,8	2,4	3	3,6	4,8	6
MULTINOX-XC 80/36M MULTINOX-XC 80/36T	0,58	0,43	0,87	0,65	1 ~ 230 V 3 ~ 230 ÷ 400 V	2,9 23, - 1,3	12,5	m.c.a./m.c.w.		30	27	24	21	17	13	3	
MULTINOX-XC 80/48M MULTINOX-XC 80/48T	0,75	0,55	1,1	0,8	1 ~ 230 V 3 ~ 230 ÷ 400 V	3,7 3 - 1,7	12,5			37	34	30	25	21	15	4	
MULTINOX-XC 80/60M MULTINOX-XC 80/60T	1,1	0,8	1,5	1,1	1 ~ 230 V 3 ~ 230 ÷ 400 V	4,5 3,2 - 1,8	20			50	46	42	36	30	22	7	
MULTINOX-XC 120/36M MULTINOX-XC 120/36T	0,75	0,55	1,1	0,8	1 ~ 230 V 3 ~ 230 ÷ 400 V	3,7 3,2 - 1,8	12,5			33	31	29	26	22	19	10	2
MULTINOX-XC 120/48M MULTINOX-XC 120/48T	1,1	0,75	1,5	1,1	1 ~ 230 V 3 ~ 230 ÷ 400 V	4,5 3,3 - 2	16			42	39	37	34	30	25	15	4
MULTINOX-XC 120/60M MULTINOX-XC 120/60T	1,2	0,9	1,8	1,35	1 ~ 230 V 3 ~ 230 ÷ 400 V	6 3,8 - 2,2	20			53	49	47	42	38	32	20	7
			1,67	1,25													

TABLE OF SIZES AND WEIGHTS

MODEL	Dimensions mm.							Weight(Kg)
	A	B	C	D	E	DNA	DNM	
MULTINOX 80/36	129	348	99	195	176	1"	1"	7,5
MULTINOX 80/48	129	348	99	195	176	1"	1"	8
MULTINOX 80/60	129	392	99	205	176	1"	1"	11
MULTINOX 120/36	129	370	99	205	176	1"	1"	9
MULTINOX 120/48	129	370	99	205	176	1"	1"	10
MULTINOX 120/60	129	392	99	205	176	1"	1"	11

