



Limits of use

- Ambient temperature up to +55°C
- Liquid temperature up to +90°C
- PH value of liquid between 6.5-8.5
- Power: 50hz, single-phase 220v, three-phase 380v, fluctuated up and down 10%

Features

- Compact design with attractive appearance
- Can be used for gas-liquid mixed delivery
- High head with steep drop H/Q characteristic curve
- Be used with check valve to prevent backflow of liquid;
- With the increase of viscosity of the liquid delivery, a sharp decline in the efficiency of the pump, and thus not suitable for delivery of high viscosity liquids;
- Due to the performance ensured by the small gap between the impeller and the pump casing therefore can not be used to delivery liquid containing solid particles;

Application

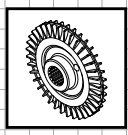
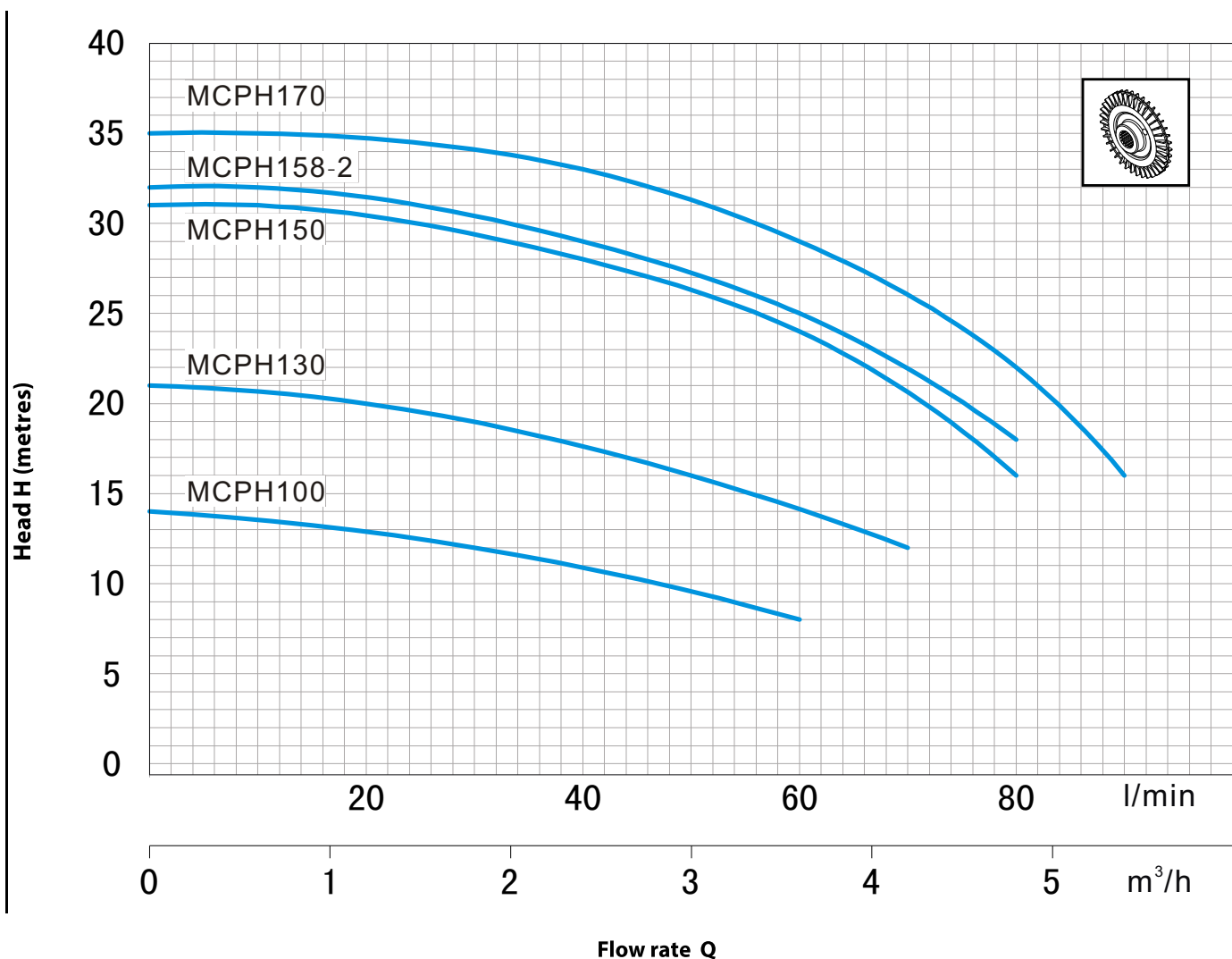
- Be used to delivery the clean water without the abrasive particles
- Be used to clean or cool the machine tools with high pressure
- Be used to pump the water for the industrial or house use from the well
- Be used to boost the water in pressurization system

Warranty

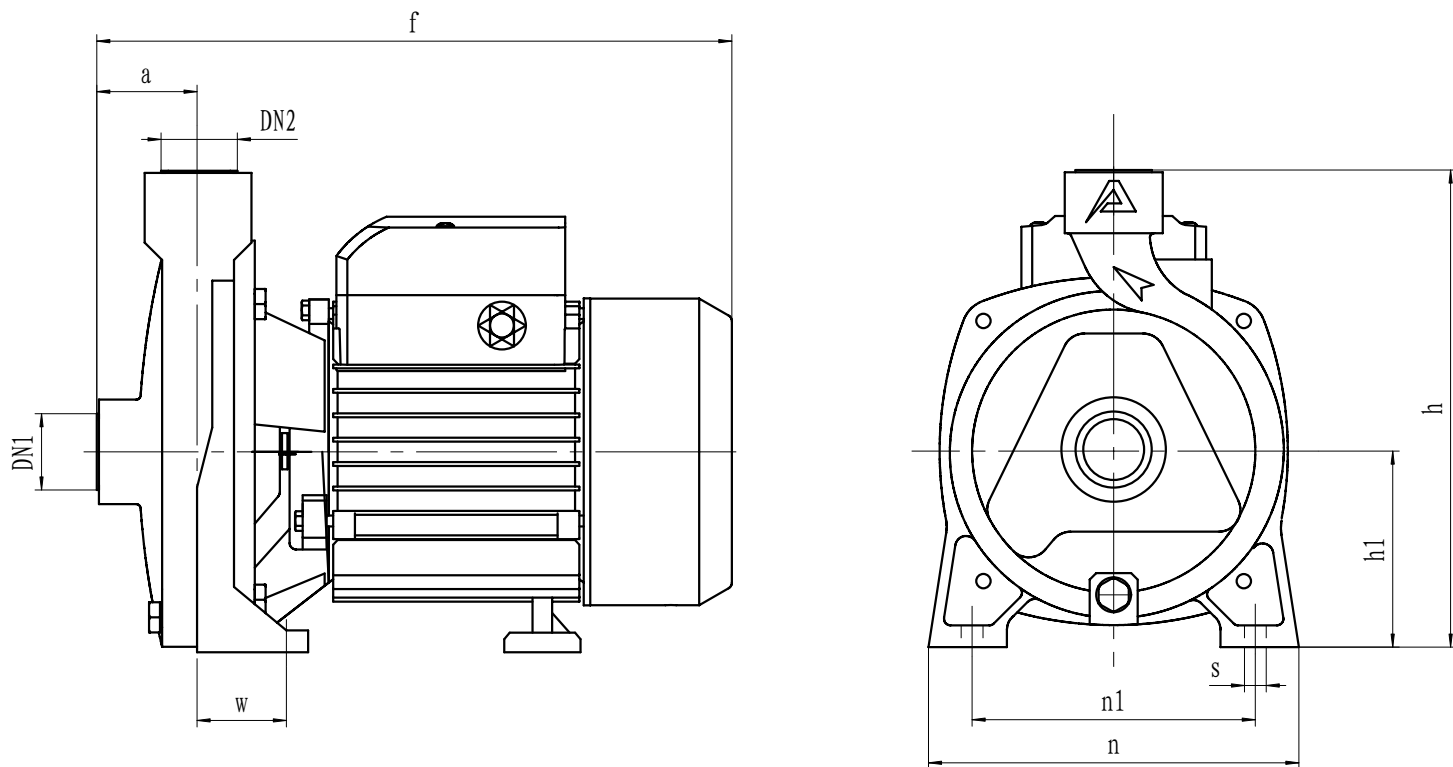
- 2 years subject to terms and conditions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2850 rpm Hs=0 m



Model		Power		Q	H m										
Single-phase	Three-phase	KW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
				l/min	0	10	20	30	40	50	60	70	80	90	
MCPH100	MCH100	0.25	0.33	H m	14	13.5	13	12	11	9.5	8				
MCPH130	MCH130	0.37	0.5		21	20.7	20	19	17.5	16	14	12			
MCPH150	MCH150	0.75	1.0		31	31	30.5	29.5	28	26.3	24	20.5	16		
MCPH158-2	MCH158-2	0.75	1.0		32	32	31.5	30.5	29	27	25	22	18		
MCPH170	MCH170	0.75	1.0		35	35	34.8	34	33	31.2	29	26	22	16	

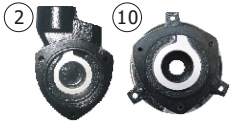


Model		Openings		Dimensions(mm)							
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	n	n1	w	s
MCPH100	MCH100	1"	1"	42	261	218	90	170	130	41	10
MCPH130	MCH130	1"	1"	42	261	218	90	170	130	41	10
MCPH150	MCH150	1"	1"	45	291	236	92	190	160	41	10
MCPH158-2	MCH158-2	1'	1'	45	291	236	92	190	160	41	10
MCPH170	MCH170	1 1/4"	1"	51	359	261	110	206	165	45	10

Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MCPH100	1	8.5	7.9	0.013	28.5	19.0	24.3
MCPH130	1	9.3	8.9	0.013	28.5	19.0	24.3
MCPH150	1	13.6	13	0.018	32.1	21.7	26.2
MCPH158-2	1	13.6	13	0.018	32.1	21.7	26.2
MCPH170	1	20.5	20	0.026	38.6	23.1	28.7

POS. COMPONENT

ADVANTAGE



Electrophoretic paint and insert the SS-sheet inside the passage



Brass impeller



Stainless steel shaft

• Anti-rust system

- a. Use electrophoretic paint to prevent rust or jam
- b. To provide cleaner water
- c. To ensure long using-life



Thermostability Capacitor

• Thermostability system

- a. Capacitor with 85°C high temperature film
- b. Can be used under high temperature environment 55°C



Rotor with shaft (Stainless steel shaft)

• Powerful motor system

- a. To ensure the high power and lowest temperature rise
- b. Using thermal protection device to protect the motor
- c. High head and long using-life
- d. Wide voltage rang design motor can be used under 180 - 240 V



Z4 class bearing

• Low noise system

- a. Using Z4 class bearing to ensure lowest noise
- b. To ensure long using-life

