



Limits of use

- Ambient temperature up to +55°C
- Liquid temperature up to +40°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
- Compare with peripheral pump, centrifugal pump has the gently decline H/Q characteristic curve, to assure widely usage condition;
- Compare with peripheral pump and JET pump, centrifugal pump has the highest efficiency
- Due to adopt the cast iron for pump casing and support, this pump not easily to be broken and can bear more pressure.
- MCPH series for boosting the hot water are also available on request.

Application

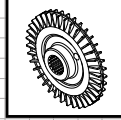
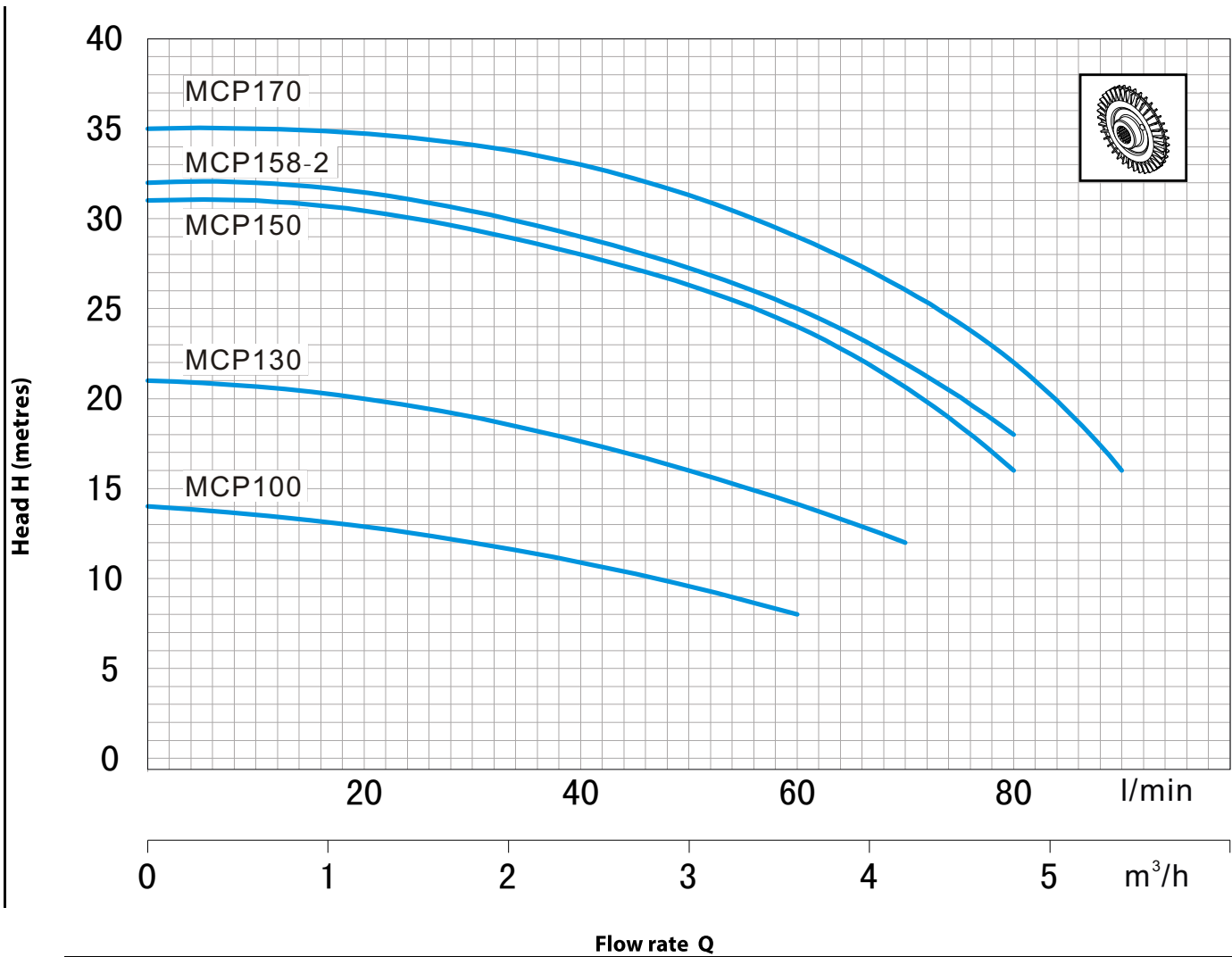
- Be used to delivery the clean water without the abrasive particles
- Be used to clean or cool the machine tools with high pressure
- Be used to pump the water for house use, industrial use as well as irrigation from the well or river.
- Be used to boost the water in pressurization system

Warranty

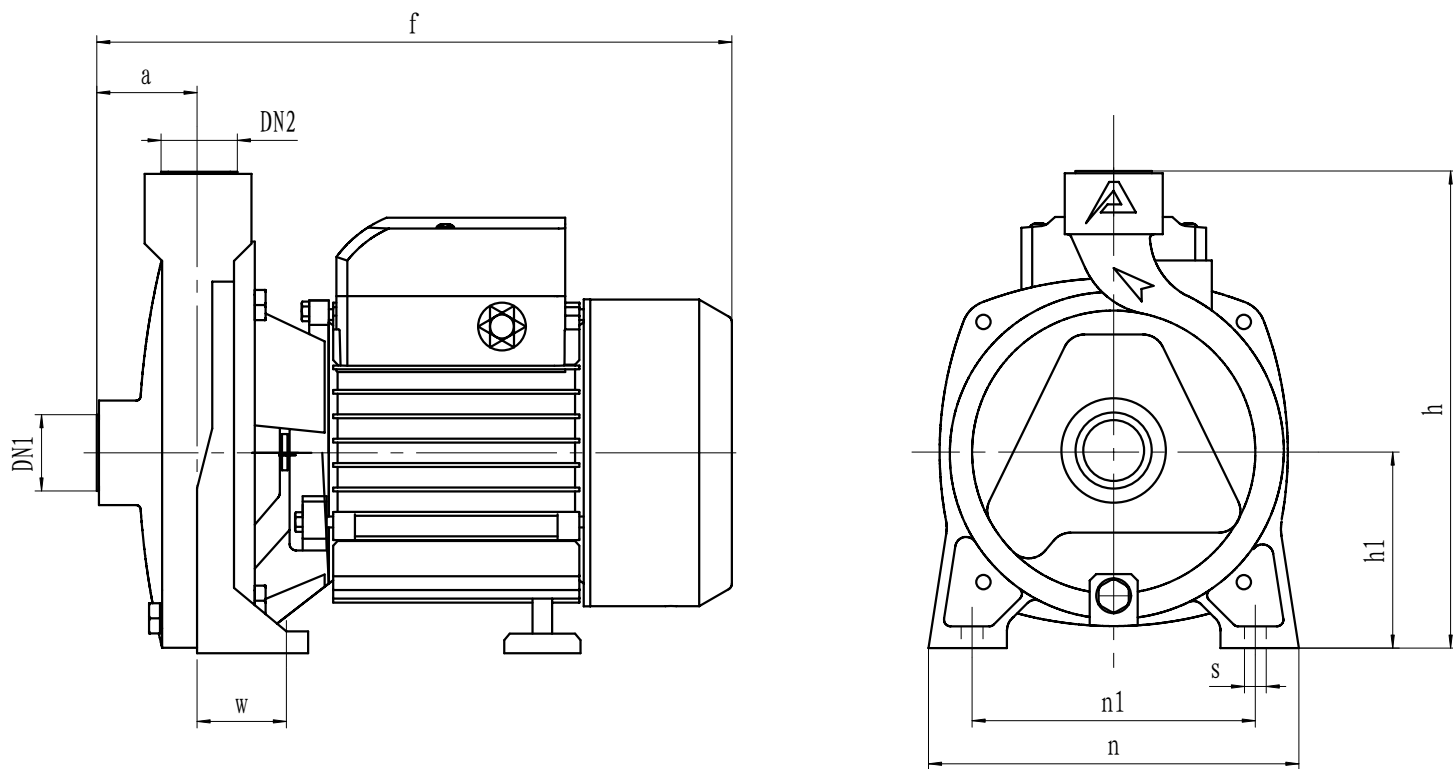
- 2 years subject to terms and conditions

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	6.0	6.6	7.5	8.4	
				l/min	0	10	20	30	40	50	60	70	80	90	100	110	125	140		
MCP100	MC100	0.25	0.33	H m	14	13.5	13	12	11	9.5	8									
MCP130	MC130	0.37	0.50		21	20.7	20	19	17.5	16	14	12								
MCP150	MC150	0.75	1		31	31	30.5	29.5	28	26.3	24	20.5	16	12	9	6				
MCP158-2	MC158-2	0.75	1		32	32	31.5	30.5	29	27	25	22	18	14	10					
MCP170	MC170	1.1	1.5		35	35	34.8	34	33	31.2	29	26	22	16						
MCP25/160B	MC25/160B	1.1	1.5		34	33.5	33	32.5	32	31.5	30.9	30.2	29.5	28.8	28	27.2	26	25		
MCP25/160A	MC25/160A	1.5	2		29	28.7	28.2	27.9	27.2	26.7	25.8	25	24	23	22	20.9	19			

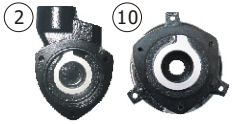


Model		Openings		Dimensions(mm)							
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	n	n1	w	s
MCP100	MC100	1"	1"	42	261	218	90	170	130	44	10
MCP130	MC130	1"	1"	42	261	218	90	170	130	44	10
MCP150	MC150	1"	1"	45	291	236	92	190	160	46	10
MCP158-2	MC158-2	1"	1"	45	291	236	92	190	160	46	10
MCP170	MC170	1"	1"	52	359	261	110	206	165	45	10
MCP25/160B	MC25/160B	1 1/2"	1"	45	359	261	110	206	165	45	10
MCP25/160A	MC25/160A	1 1/2"	1"	45	359	261	110	206	165	45	10

Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MCP100	1	8.5	7.9	0.013	28.5	19.0	24.3
MCP130	1	9.3	8.9	0.013	28.5	19.0	24.3
MCP150	1	13.6	13	0.018	32.1	21.7	26.2
MCP158-2	1	13.6	13	0.018	32.1	21.7	26.2
MCP170	1	20.5	20	0.026	38.6	23.1	28.7
MCP25/160B	1	21.5	21	0.026	38.6	23.1	28.7
MCP25/160A	1	20.4	19.9	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

