



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

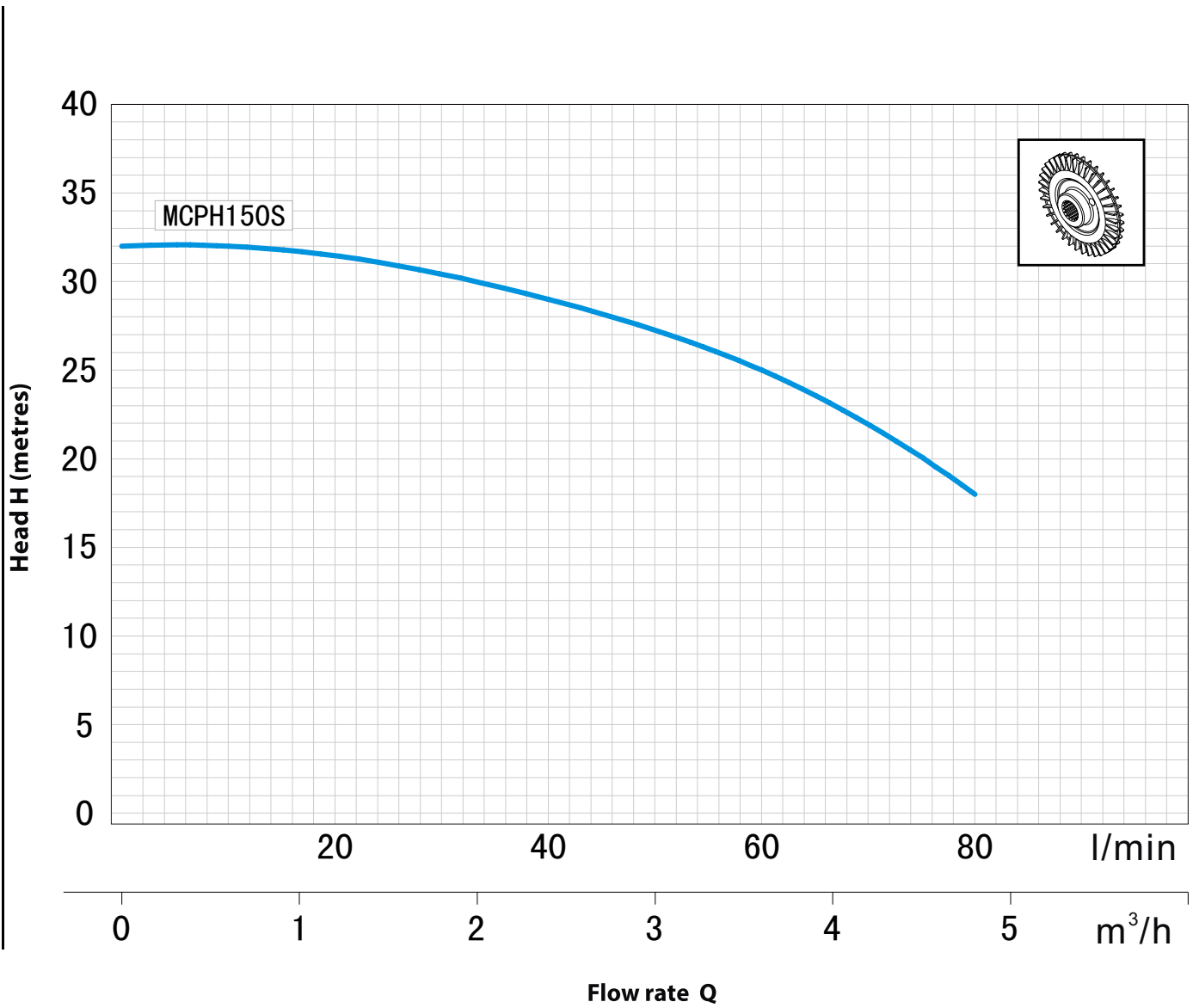
- Be used to delivery the clean water without the abrasive particles
- Be used to clean or cool the machine tools with high pressure
- Be used to pump the water for the industrial or house use from the well
- Be used to boost the water in pressurization system

Warranty

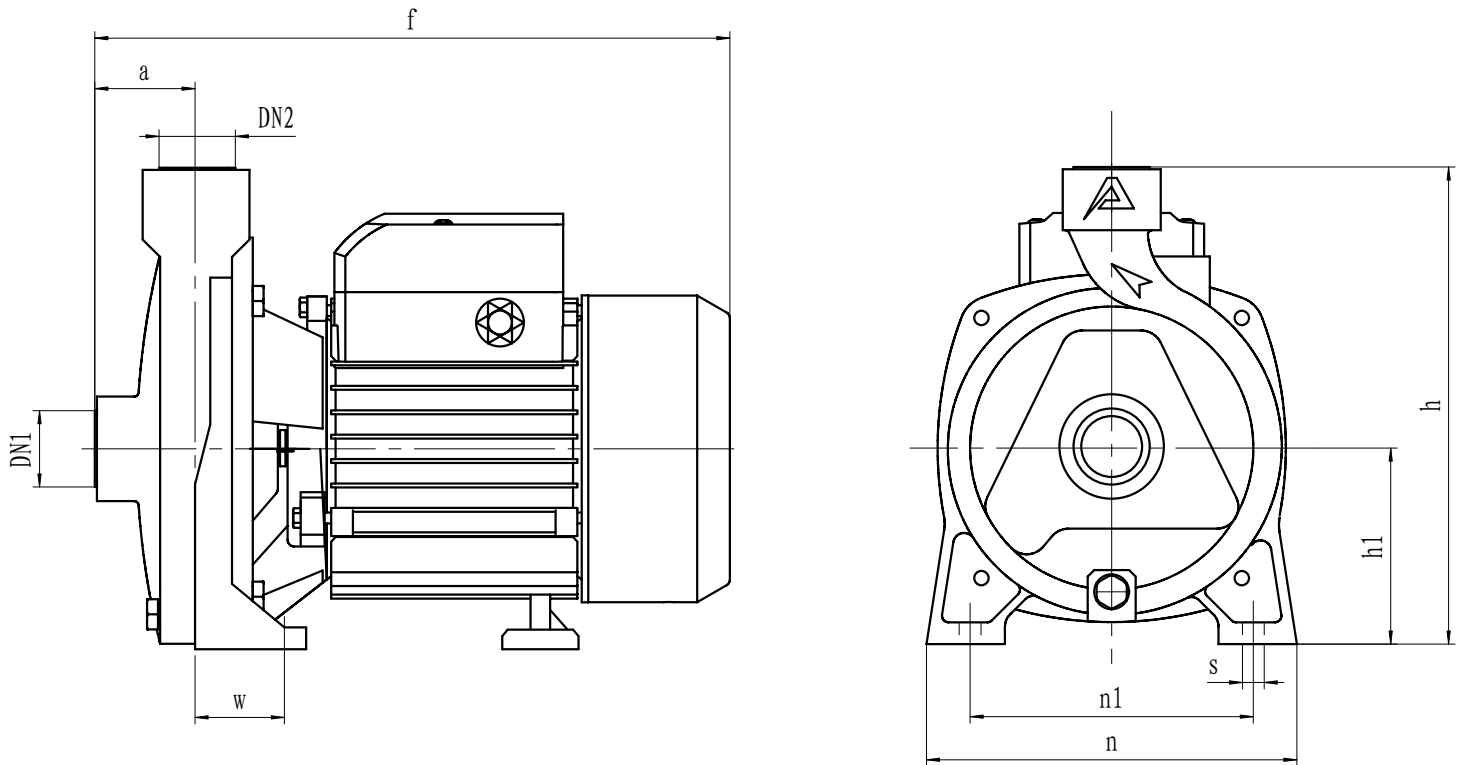
- 2 years subject to terms and conditions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n=2850 rpm Hs=0 m



Model		Power		Q	Flow rate																
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		
MCPH150S	MCH150S	0.75	1	H m		32	32	31.5	30.5	29	27	25	22	18	14	10					

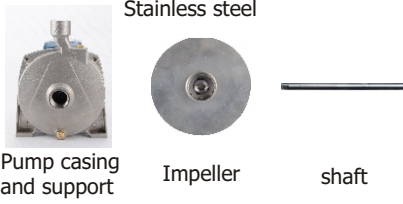


Model		Openings		Dimensions(mm)							
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	n	n1	w	s
MCPH150S	MCH150S	1"	1"	45	291	236	92	190	160	46	10

Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MCPH150S	1	13.6	13.1	0.018	32.1	21.7	26.2

POS. COMPONENT

ADVANTAGE



- Anti-rust system
 - Use electrophoretic paint to prevent rust or jam
 - To provide cleaner water
 - To ensure long using-life



- Thermostability system
 - Capacitor with 85°C high temperature film
 - Can be used under high temperature environment 55°C



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



- Low noise system
 - Using Z4 class bearing to ensure lowest noise
 - To ensure long using-life



- Big flow system
Can meet the need of heavily used working condition
 - Farmland irrigation
 - Garden watering
 - Aquaculture

