

Limits of use

1. Ambient temperature up to +55°C
2. Liquid temperature up to +60°C
3. PH value of liquid between 6.5-8.5
4. Power: 50hz, single-phase 220v, three-phase 380v, fluctuated up and down 10%

Feature

1. This self-priming pump with build-in check valve, can be used without charging water again after first water injection.
2. Due to adopt the inlet and outlet flanges with screw thread, this pump can be easily installed with the pipe through flanges and screw thread connection.
3. Due to adopt the impeller cover, the end-user can clean the pump casing easily through disassembling the impeller cover to prevent the impeller from jam.
4. High head with steep drop H/Q characteristic curve
5. 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;
6. 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

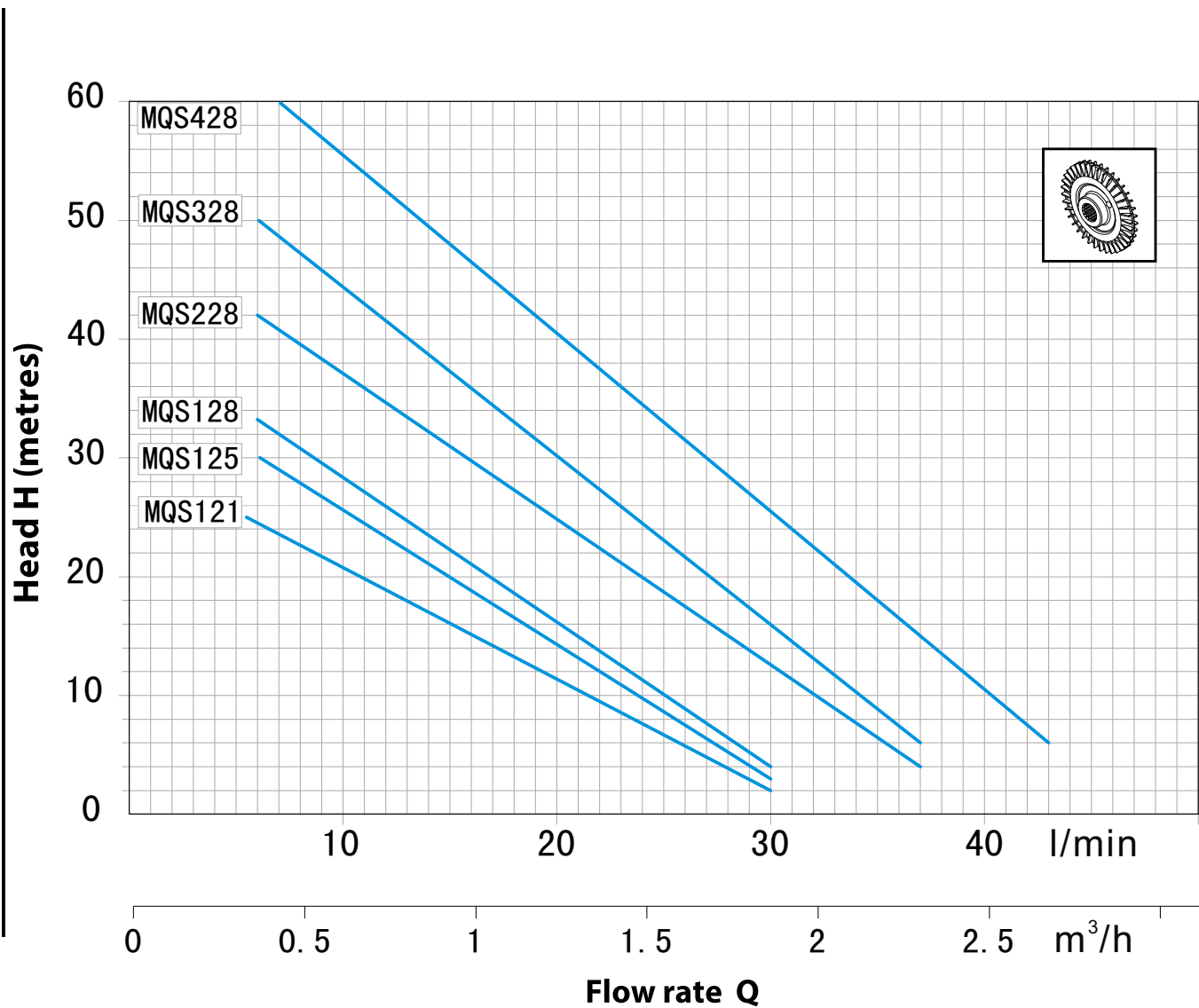
1. Be used to delivery the clean water without the abrasive particles
2. Be used to clean or cool the machine tools with high pressure
3. Be used to pump the water for the industrial or house use from the well
4. Be used to boost the water in pressurization system

Guarantee

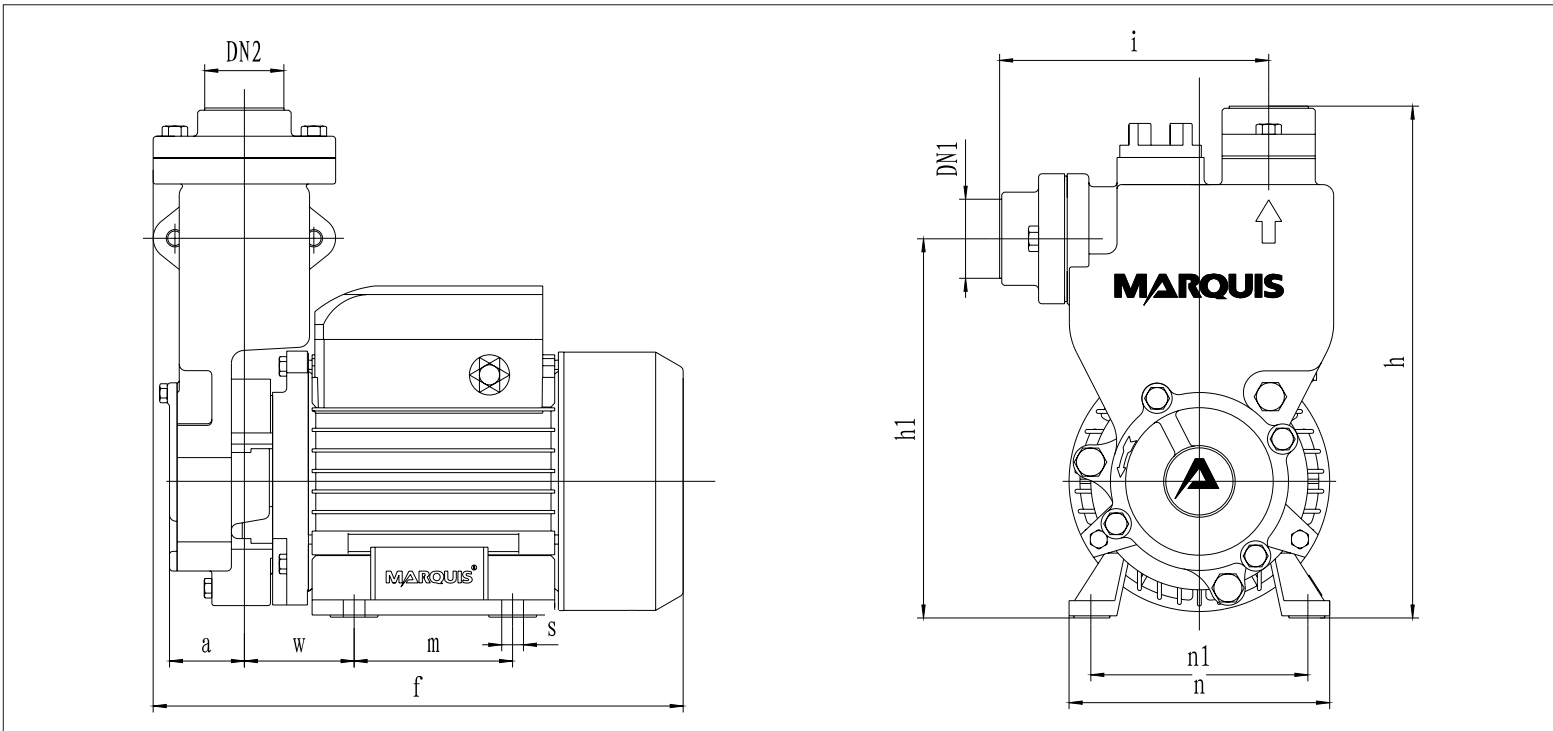
- 2 year subject to terms and conditions

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	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					l/min	0	5	10	15	20	25	30	35	40	45
MQS121	-	0.25	0.33	H m	27	20	15	10	6	3	2				
MQS125	-	0.37	0.50		30	25	20	15	11	6	3				
MQS128	-	0.37	0.50		33	26	22	17	12	7	4				
MQS228	-	0.45	0.60		40	37	33	28	22	18	13	9	4		
MQS328	-	0.55	0.75		50	44	39	33	29	22	16	11	6		
MQS428	-	0.75	1		60	53	46	39	33	26	20	15	10	6	

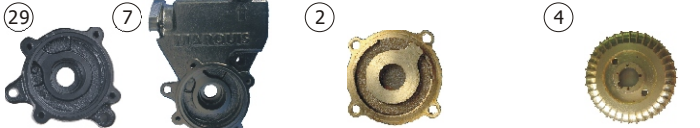


Model		Openings		Dimensions(mm)									
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	i	m	n	n1	w	s
MQS121	-	1"	1"	16	253	178	116	124	90	121	100	65	7
MQS125	-	1"	1"	35	233	208	146	124	90	121	100	65	7
MQS128	-	1"	1"	35	233	238	176	124	90	121	100	65	7
MQS228	-	1"	1"	42.5	273	252	189	145	103	137	110	60.5	7
MQS328	-	1"	1"	42.5	273	252	189	145	103	137	110	60.5	7
MQS428	-	1"	1"	45	275	255	189	145	103	137	110	60.5	7

Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MQS121	1	7.3	7	0.009	27.00	16.50	19.50
MQS125	1	7.5	7.2	0.010	25.50	17.50	23.30
MQS128	1	7.8	7.5	0.011	25.70	17.20	25.50
MQS228	1	11	10.5	0.017	30.00	20.50	28.00
MQS328	1	12	11.5	0.017	30.00	20.50	28.00
MQS428	1	13.7	13	0.018	30.00	20.50	30.00

POS. COMPONENT

ADVANTAGE



 29 Electrophoretic paint and insert the SS-sheet inside the passage
 7
 2 Brass impeller cover
 4 Brass impeller


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



 25 Thermostability Capacitor

- Thermostability system
- a. Capacitor with 85°C high temperature film
- b. Can be used under sun exposure
- c. Can be used under high temperature environment


 9 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. Big flow and long using-life
- d. Wide voltage rang design motor can be used under 170 - 250 V


 10 Z4 class bearing


 Low noise

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

