



Limits of use

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

Features

- Our vertical self-priming pump has a small footprint, but it delivers stable performance as expected. In addition, it doesn't require any further adjustment after installation.
- The inlet port and outlet port are designed with the same flange, and they are located on the same center line in the vertical direction, thus enabling our self primer to be installed on pipelines just like a valve. Moreover, due to its low center, this installation is quite convenient.
- The pump and motor share one shaft, and the axial dimension is short. As a result, this single-phase self-priming pump is able to work steadily with a low noise level.
- This self-priming pump eliminates the use of traditional shaft seal so as to avoid leakage of pumped liquid.

Application

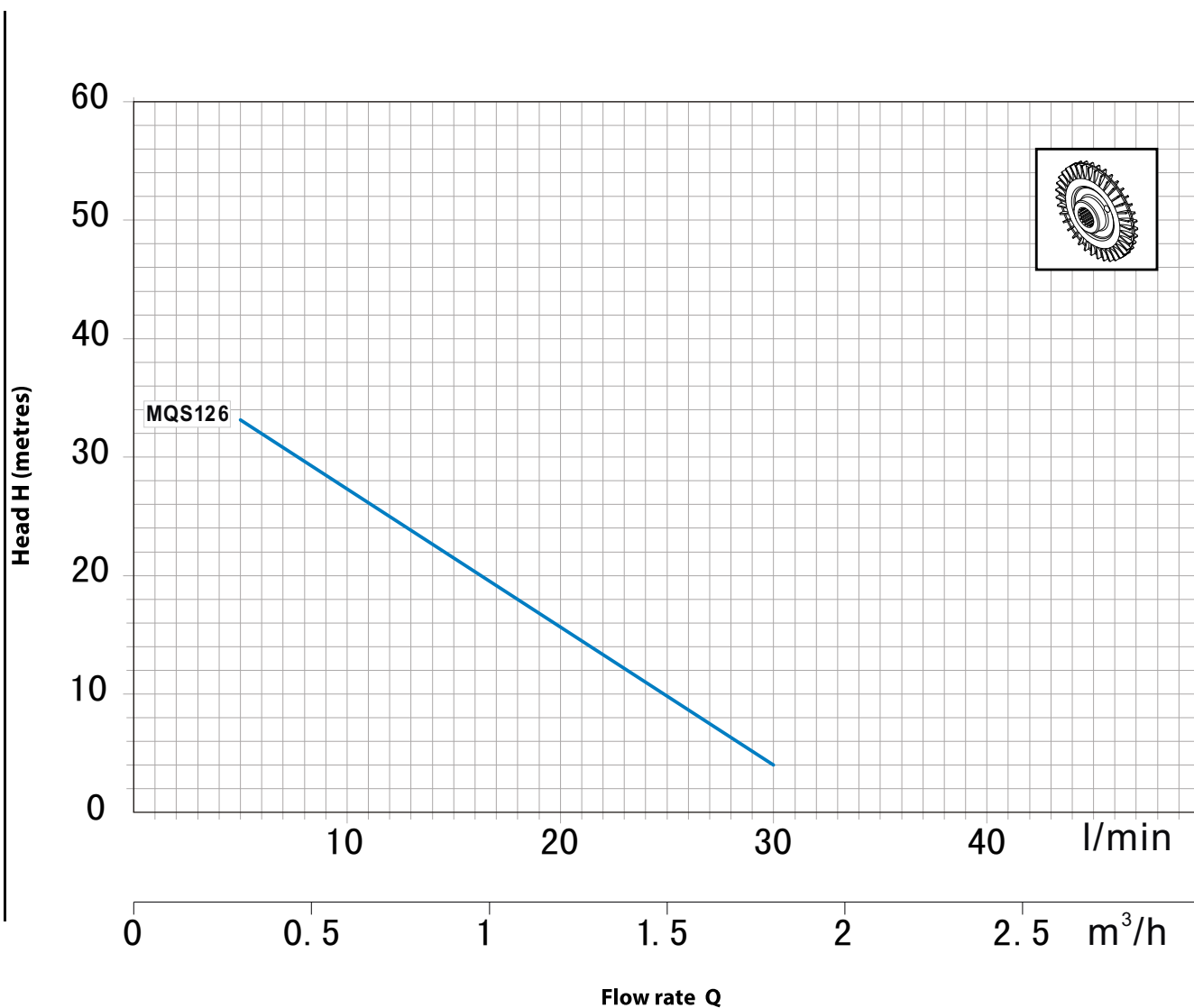
- Be used to delivery the clean water without the abrasive particles
- Be used to clean or cool the machine tools with high pressure
- Be used to pump the water for the industrial or house use from the well
- Be used to boost the water in pressurization system

Warranty

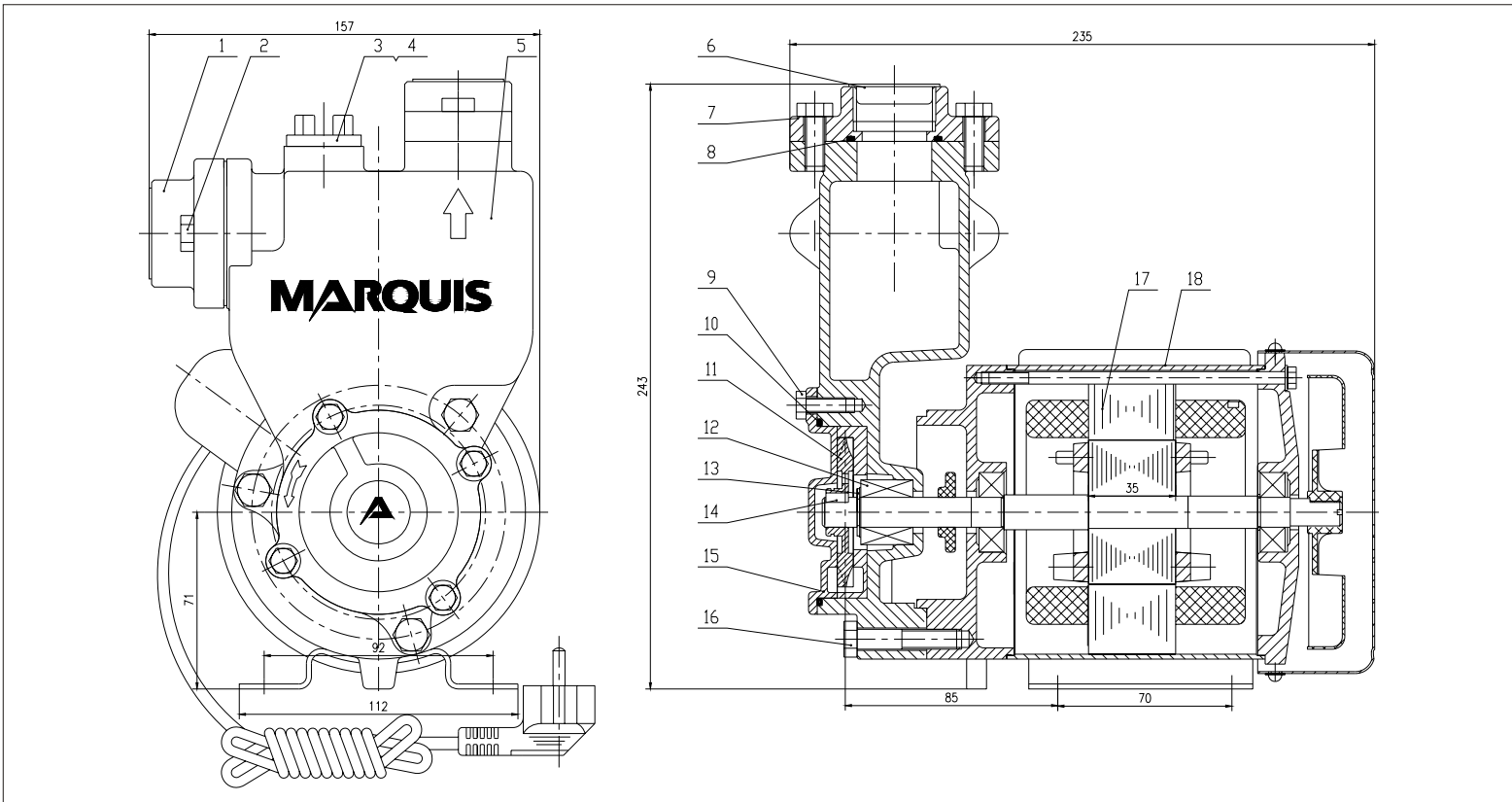
- 2 years subject to terms and conditions

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	0.3	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		
MQS126	-	0.37	0.50	H m	33	27	22	17	12	7	4						



Model		Openings		Dimensions(mm)									
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	i	m	n	n1	w	s
MQS126	-	1"	1"	42	235	243	71	32	70	112	92	66	8

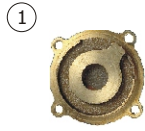
Model	Piece	GW(kg)	NW(kg)	Volume(m ³)	L(cm)	W(cm)	H(cm)
MQS126	1	8.2	7.8	0.012	26.50	17.00	26.50

POS. COMPONENT

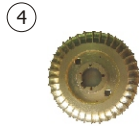
ADVANTAGE



10 Electrophoretic paint and insert the SS-sheet inside the passage



1 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



15 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



14 Z4 class bearing



Low noise

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

