

ZCQ SERIES

SELF PRIMING MAGNETIC PUMP



SHANGHAI ZHILI PUMP MFR CO., LTD

Instruction

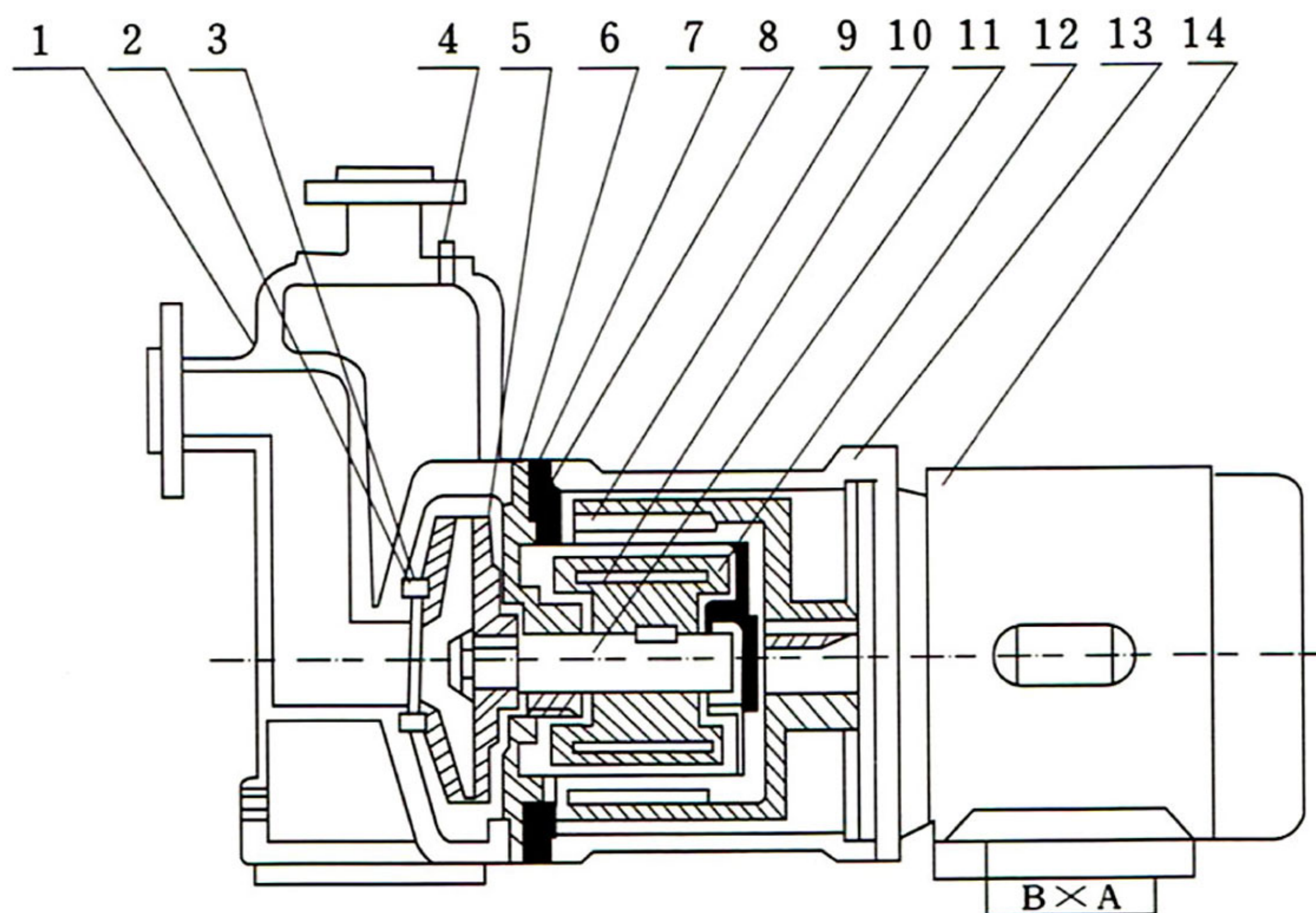
ZCQ series self-priming magnetic drive pump is a new product developed on the basis of CQ magnetic drive pump. With the latest technology abroad, it is a great success proven by repeated research and test by our engineering technicians.

Because of the static seal instead of dynamic seal, the wetted part is at completely seal condition ,no leakage .its wetted part cast stainless steel,, corundum ceramic, PTFE.

Not only carrying the advantages of CQ magnetic drive pump, like full seal, no leakage, and corrosion resistance, it is also provided with self-priming performance, with no need of bottom valve and priming water, self-priming height up to 4 meters.

It is widely used in the industries of petroleum, chemical, pharmaceutical, electroplating, printing, dyeing, foodstuff, and scientific research institutions etc. to handle acid and alkali liquid, oils, rare precious liquid, toxic and volatile liquid, or to match circulating water equipment. It is especially suitable for leaky, inflammable and explosive liquid.

STRUCTURE



1	casing
2	static ring
3	dynamic ring
4	water feed nozzle
5	impeller
6	seal ring
7	baffle
8	spacer
9	external magnetic steel
10	internal magnetic steel
11	shaft
12	shaft sleeve
13	coupled part
14	motor

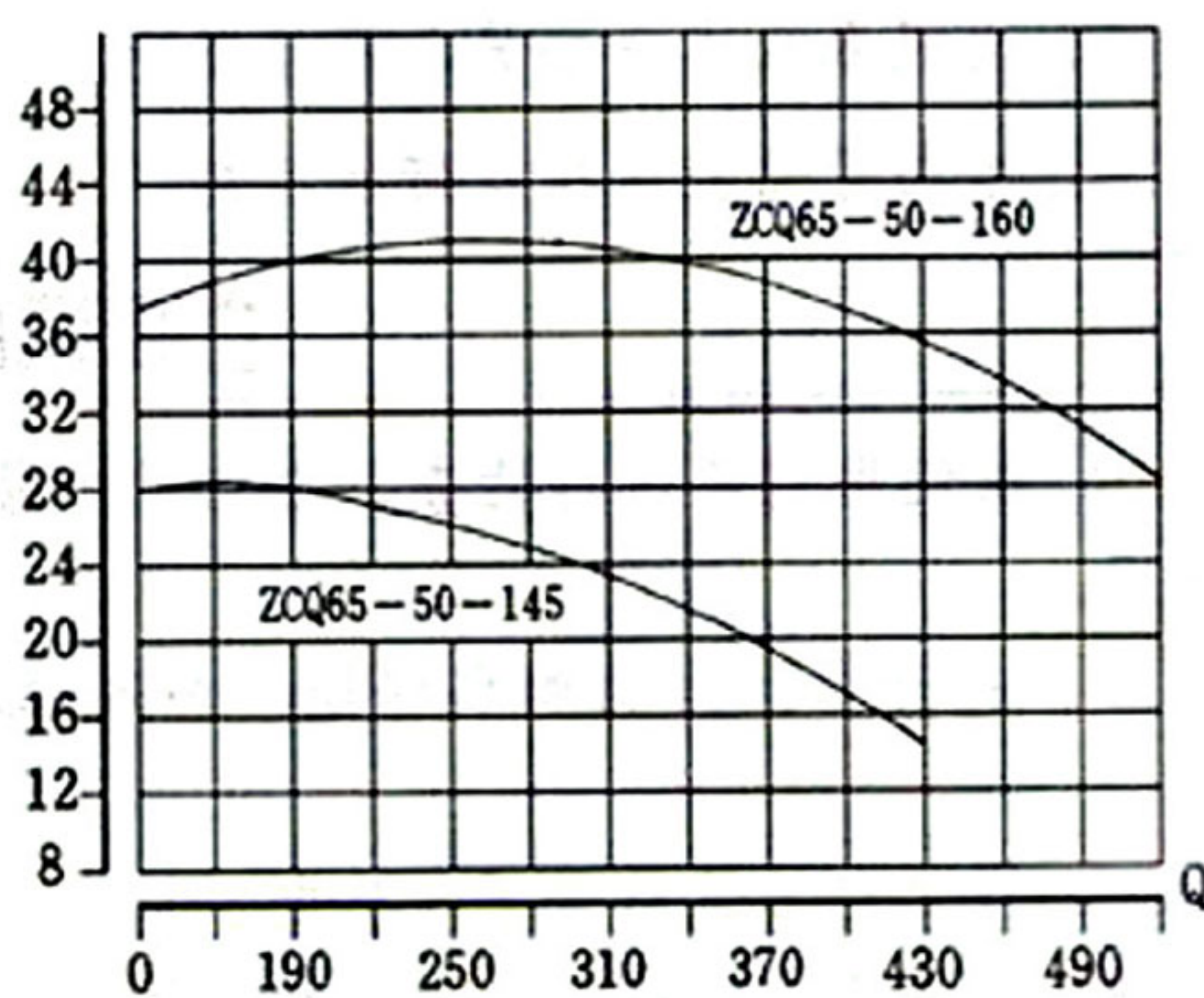
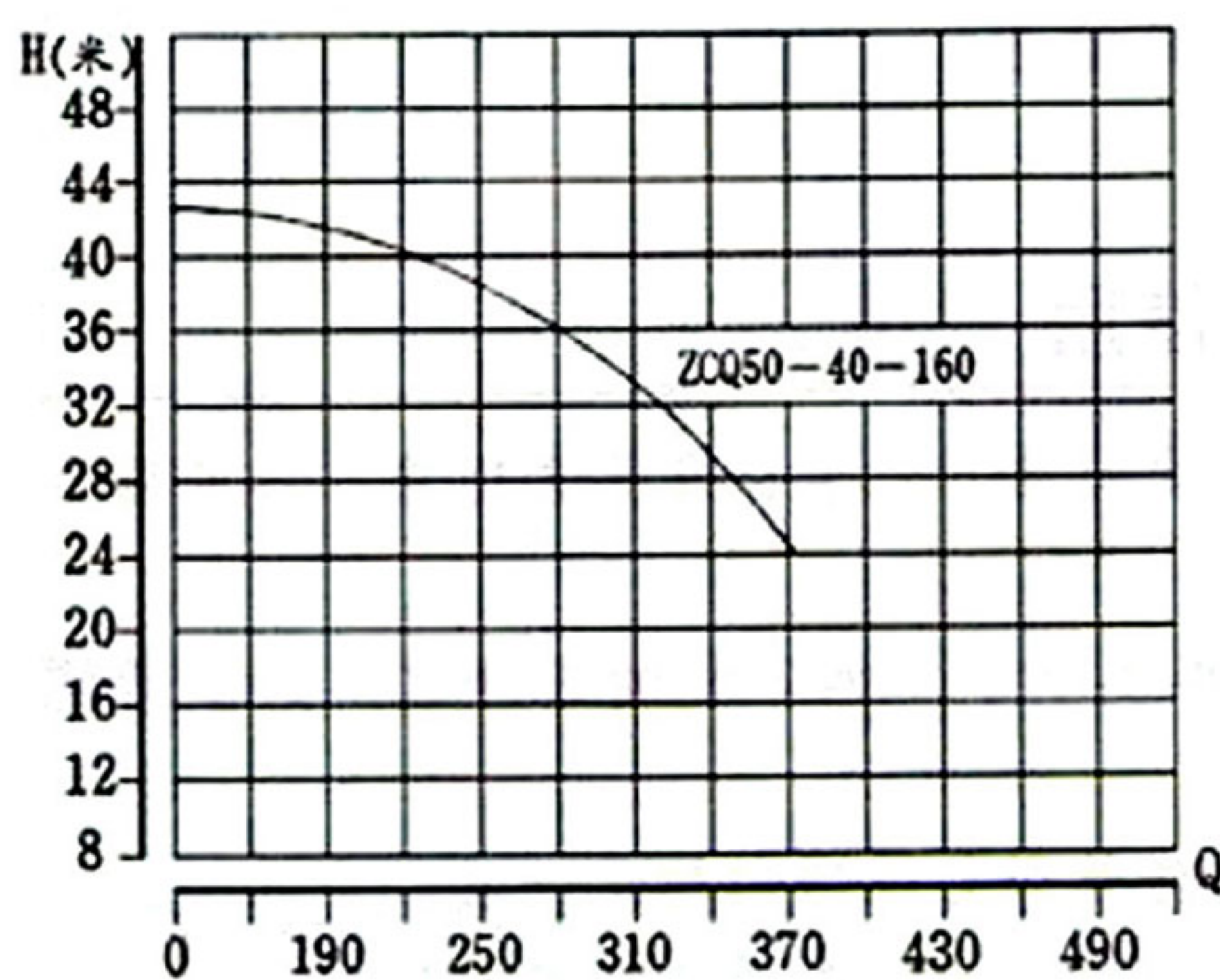
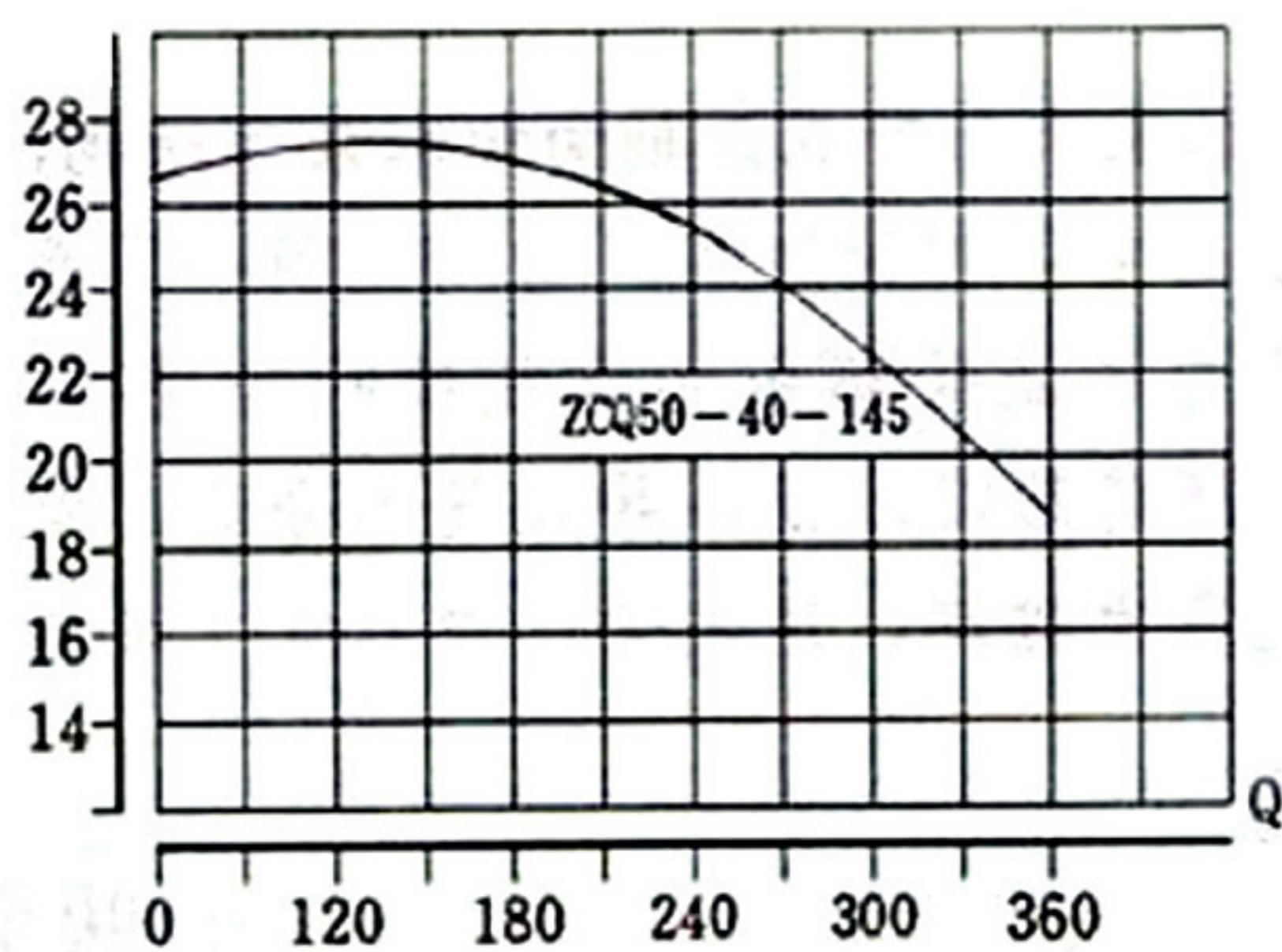
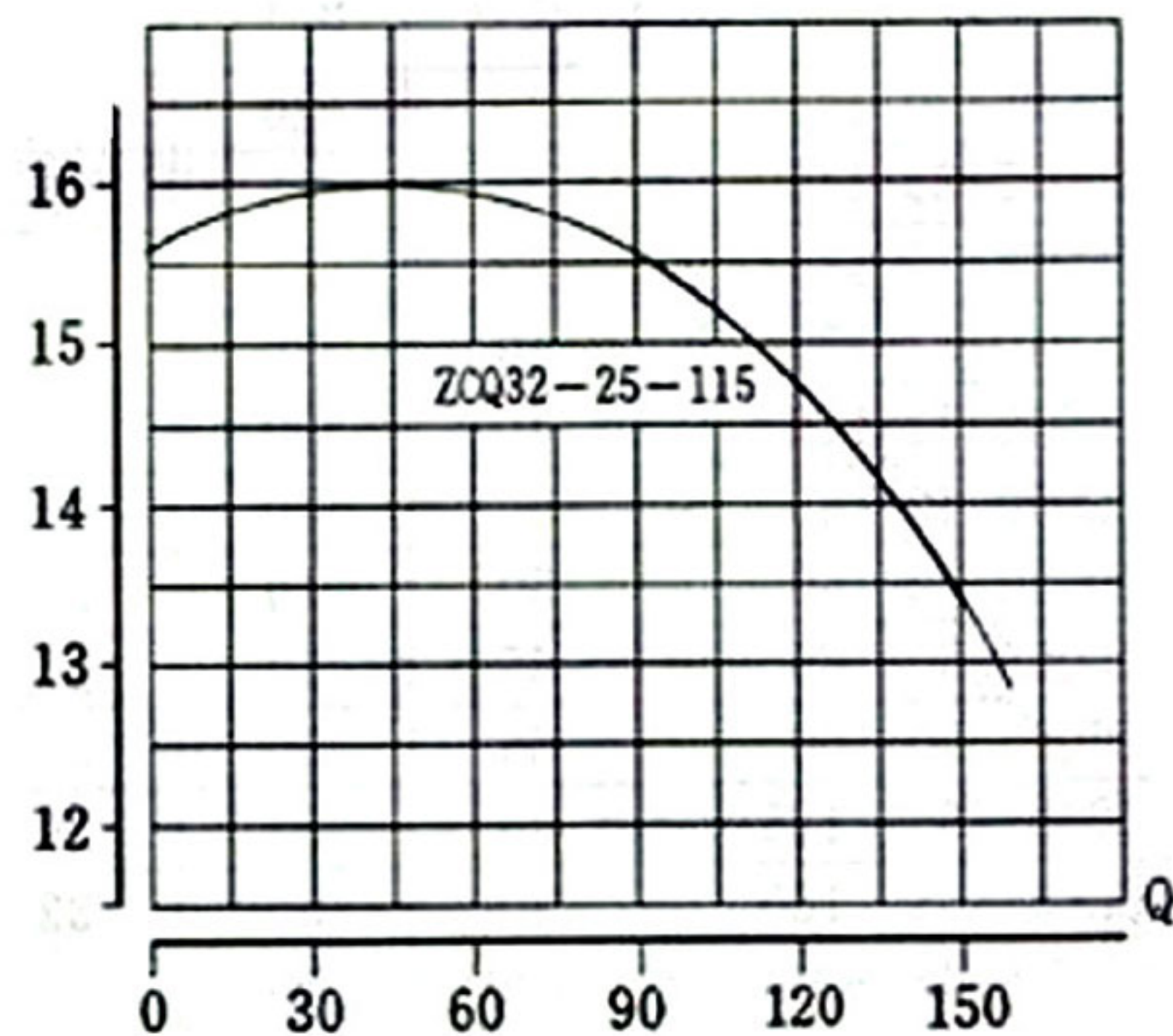
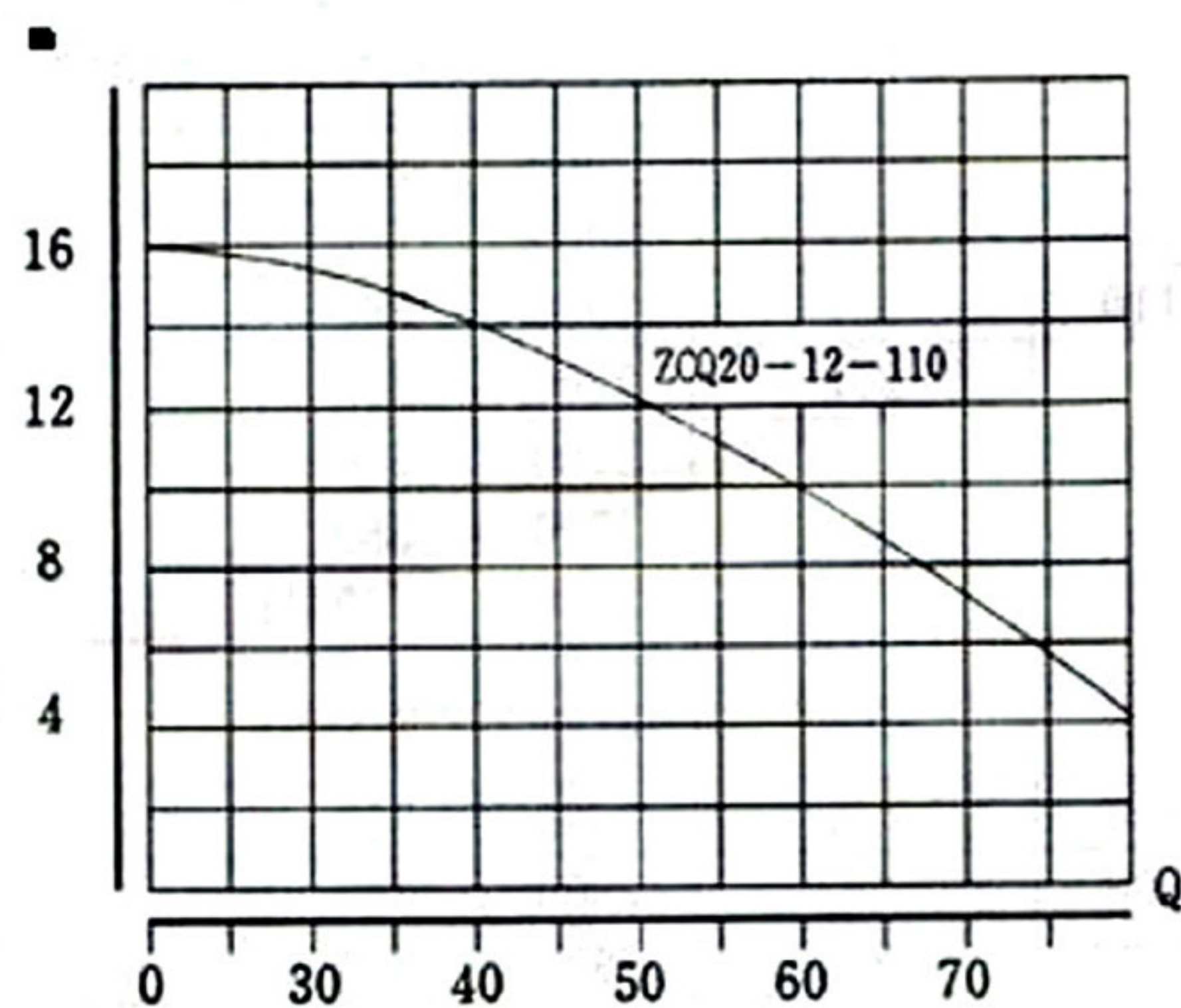
PERFORMANCE PARAMETER

MODEL	DIAMETER mm		HEAD m	FLOW L/min	POWER (kW)	SPEED RPM	VOLT (V)	SELF PRIMING (m/3min)
	inlet	outlet						
ZCQ25-20-115	25	20	15	110	1.1	2900	380	4
ZCQ32-25-115	32	25	15	110	1.1	2900	380	4
ZCQ32-25-145	32	25	25	110	1.1	2900	380	4
ZCQ40-32-132	40	32	20	180	2.2	2900	380	4
ZCQ40-32-160	40	32	32	180	4	2900	380	4
ZCQ50-40-145	50	40	25	240	4	2900	380	4
ZCQ50-40-160	50	40	32	220	4	2900	380	4
ZCQ65-50-145	65	50	25	280	5.5	2900	380	4
ZCQ65-50-160	65	50	32	450	7.5	2900	380	4
ZCQ80-65-125	80	65	20	800	7.5	2900	380	4
ZCQ80-65-160	80	65	32	800	15	2900	380	4
ZCQ100-80-160	100	80	32	1500	22	2900	380	4

wetted part made of stainless steel

PERFORMANCE CURVE

media : fresh water at normal temperature



unit: head : m
flow: liter/min

OPERATION WAY EXAMPLE

