



## END-SUCTION P R O D U C T R A N G E

ID-QB40/60

PERIPHERAL VANE PUMP

ID-QB70/80

PERIPHERAL VANE PUMP



2014 PRODUCT CATALOGUE  
Q/S&M/END-SUCTION/P ERI-PH-VAN E ID-QB CAT/14/02



## ID-QB PERIPHERAL VANE PUMPS

### APPLICATIONS

Volumetric water pumps able to offer high pressures in relation to relatively low power. The ID-QB pumps are used in domestic applications to increase the system pressure. For the correct functioning of the pumps use clean water, non-aggressive liquids only, without sand or other solid impurities.



### OPERATING LIMITS

Suction lift up to 6-8m with foot valve

Maximum operating pressure: 8 bar

Maximum ambient pressure: +40°C

Liquid Temperature up to +90°C

### DESIGN FEATURES

Pump body/ motor support: cast iron

Impeller: brass

Motor shaft: AISI1045

Mechanical seal: NBR/Graphite/Ceramic

### PRODUCTION STANDARD

IEC 60034-1

IEC 335-1

IEC 34-1

ISO 2548

### MOTOR

Single phase power supply with capacitor permanently activated

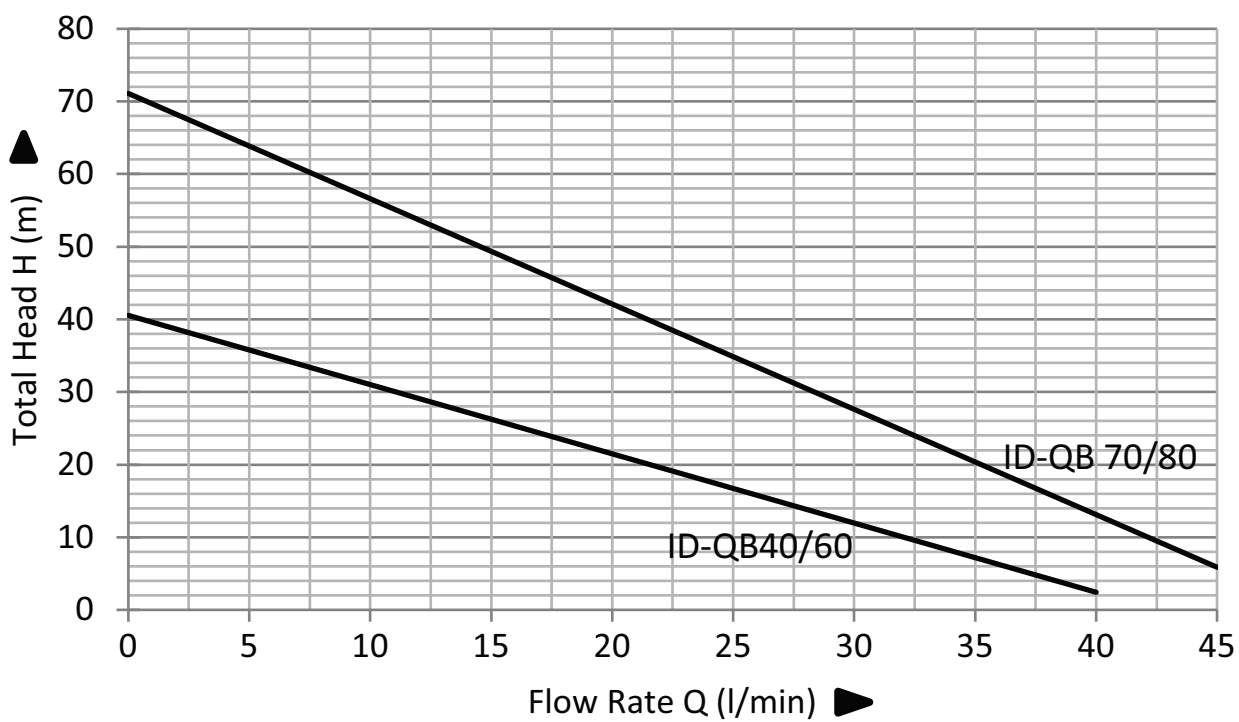
Insulation class: B

Protection: IP44

Speed of rotation: 2850rpm

Continuous duty: S1

## PERFORMANCE CURVES



## OPERATING LIMITS

TYPE	POWER		$\mu$ F	AMPERE I MAX.	Q (l/min) (m <sup>3</sup> /h)	0	5	10	20	30	35	40	45	DNA	DNM	PACKAGE DIMENSION LxWxH (mm)		
	HP	kW				0	0.3	0.6	1.2	1.8	2.1	2.4	2.7					
ID-QB40/60	0.5	0.37	8	1.9	H(m)	40	36	31.5	22	12	7	3	-	1"	1"	275	160	170
ID-QB70/80	1	0.75	20	4.5		72	64	56	42	28	21	14	5	1"	1"	335	175	195