



# Submersible **Stainless Steel** Pumps

## SQ/SFQ/BQ/CQ



## ■ Features

### All Wetted Parts Made of Stainless Steel

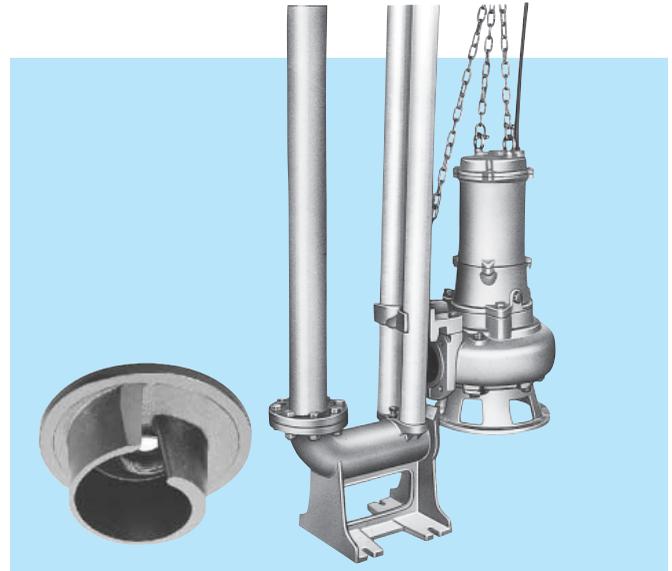
As parts of popular B-series, Tsurumi has come up with BQ-series made of stainless steel casting (SCS13). The shaft, bolts and nuts are made of 304 stainless steel (SUS304) or 316 stainless steel (SUS316). It is suitable for pumping wastewater containing solids and corrosive substances.

### Single-channel, Solid Handling Impeller

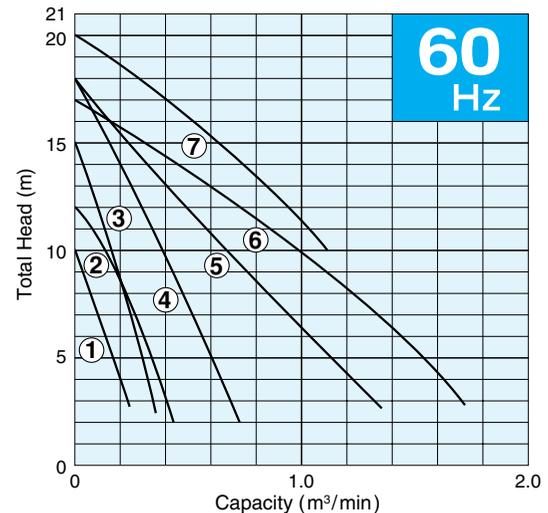
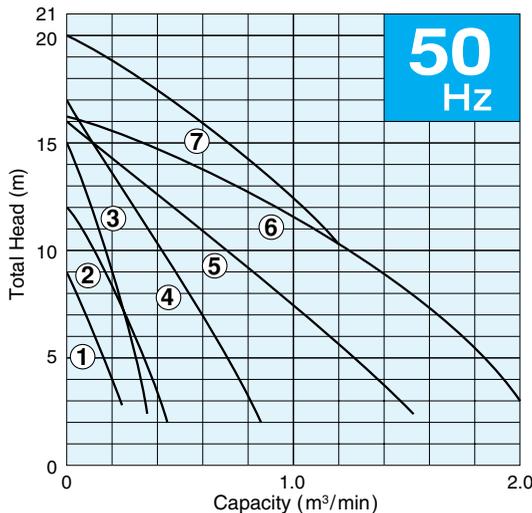
The widely opened volute casing and a single-channel impeller allow the pump to pass the solid matters from inflow to discharge with minimal blockage.

### Guide Rail Fitting Model Available

The BQ-series is available with guide rail fittings. Guide rail fitting accessories are made of stainless steel casting (SCS13) or 304 stainless steel (SUS304). Pumps in this series have a 'TOS' identifier on top of their model codes.



## ■ Performance Curves



## ■ Standard Specifications 50/60Hz

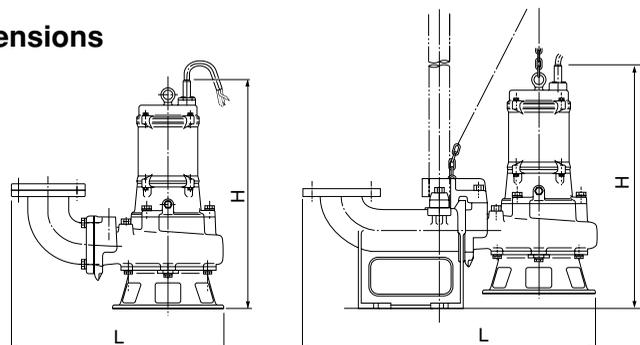
Curve No.	Discharge Bore mm	Free Standing Model	Guide Rail Fitting Model	Motor Output kW	Phase	Speed (s.s.) min <sup>-1</sup>	Starting Method	Solids Passage mm	Cable Length m	Cable Code	Dimensions L×H (mm)		Dry Weight** (kg)	
											Free Standing	Guide Rail Fitting	Free Standing	Guide Rail Fitting
1	50	50BQ2.4	TOS50BQ2.4	0.4	Three	3000/3600	D.O.L.	19/17	6	A	340×450	556×508	25	24
2	50	50BQ2.75	TOS50BQ2.75	0.75	Three	3000/3600	D.O.L.	20/24	6	A	410×506	625×546	40	39
3	50	50BQ2.75H	TOS50BQ2.75H	0.75	Three	3000/3600	D.O.L.	20	6	A	409×483	625×527	40	39
4	80	80BQ21.5	TOS80BQ21.5	1.5	Three	3000/3600	D.O.L.	25	6	A	424×558	646×608	50	48
5	100	100BQ42.2	TOS100BQ42.2	2.2	Three	1500/1800	D.O.L.	40	6	C	603×653	821×695	93	86
6	100	100BQ43.7	TOS100BQ43.7	3.7	Three	1500/1800	D.O.L.	53/45	6	C(E*)	603×735	821×772	109	102
7	100	100BQ43.7H	TOS100BQ43.7H	3.7	Three	1500/1800	D.O.L.	35	6	C(E*)	637×727	855×769	109	102

\* 200~240V

\*\* All weights excluding cable

Weights of guide rail fitting model excluding duckfoot bend

## ■ Dimensions



## ■ Applications

- Draining wastewater from chemical plant, plastic plant, etc.
- Draining effluent from hospital and laboratory, etc.