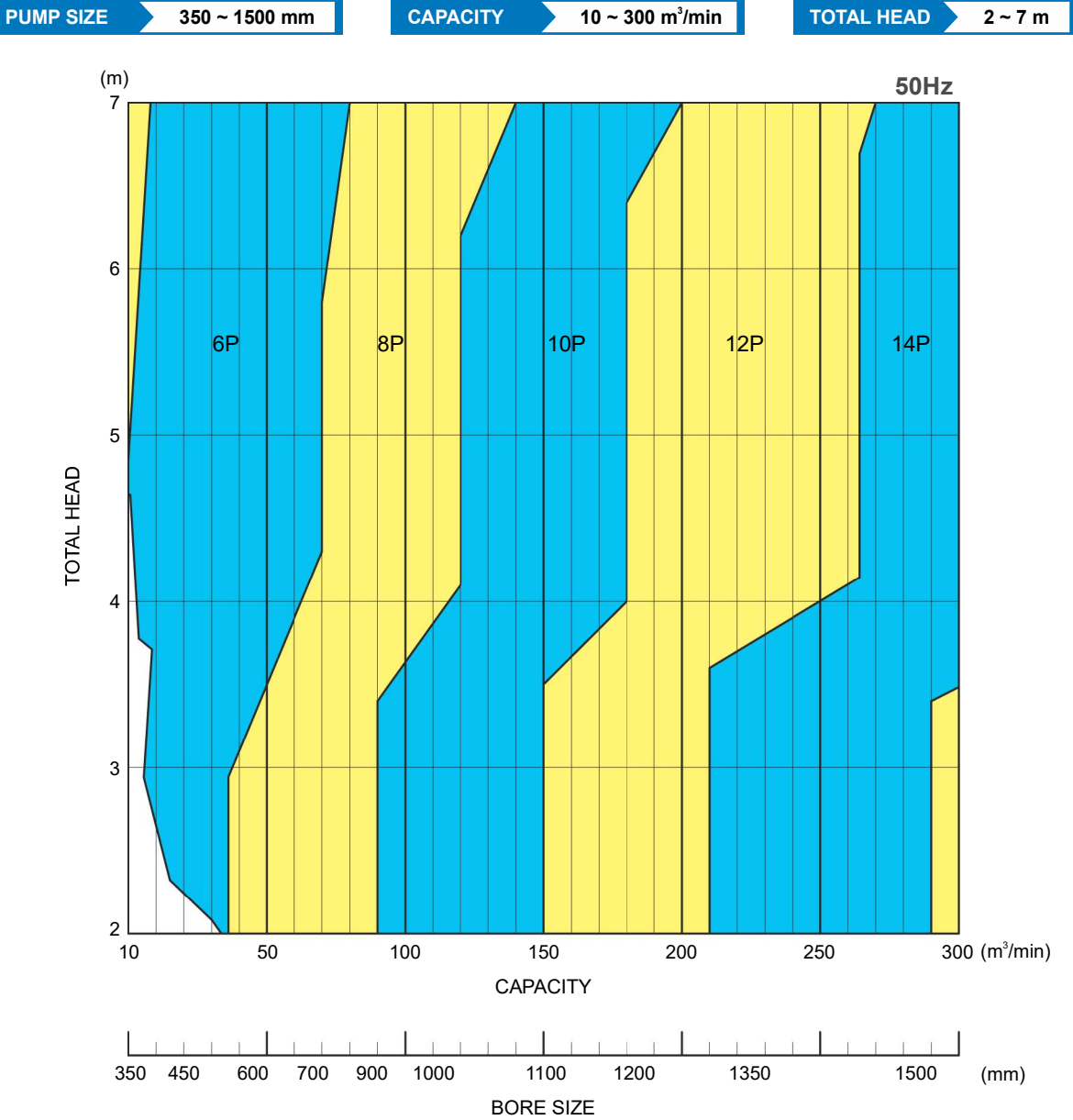


■ PUMP SELECTION CHART



■ NOTE

- For detail selection, please contact our factory.
- Pump rating not in the chart is also available.
- Selected bore/speed may differ depending on actual service conditions.



EBARA VIETNAM PUMP COMPANY LIMITED (EVPC)

HEAD OFFICE & FACTORY:

Lot XN01, Lai Cach Industrial Park, Cam Giang District, Hai Duong Province, Vietnam
Tel: +84-220-3850 182 Fax: +84-220-3850 180
Website: www.ebarapump.com.vn

HANOI BRANCH:

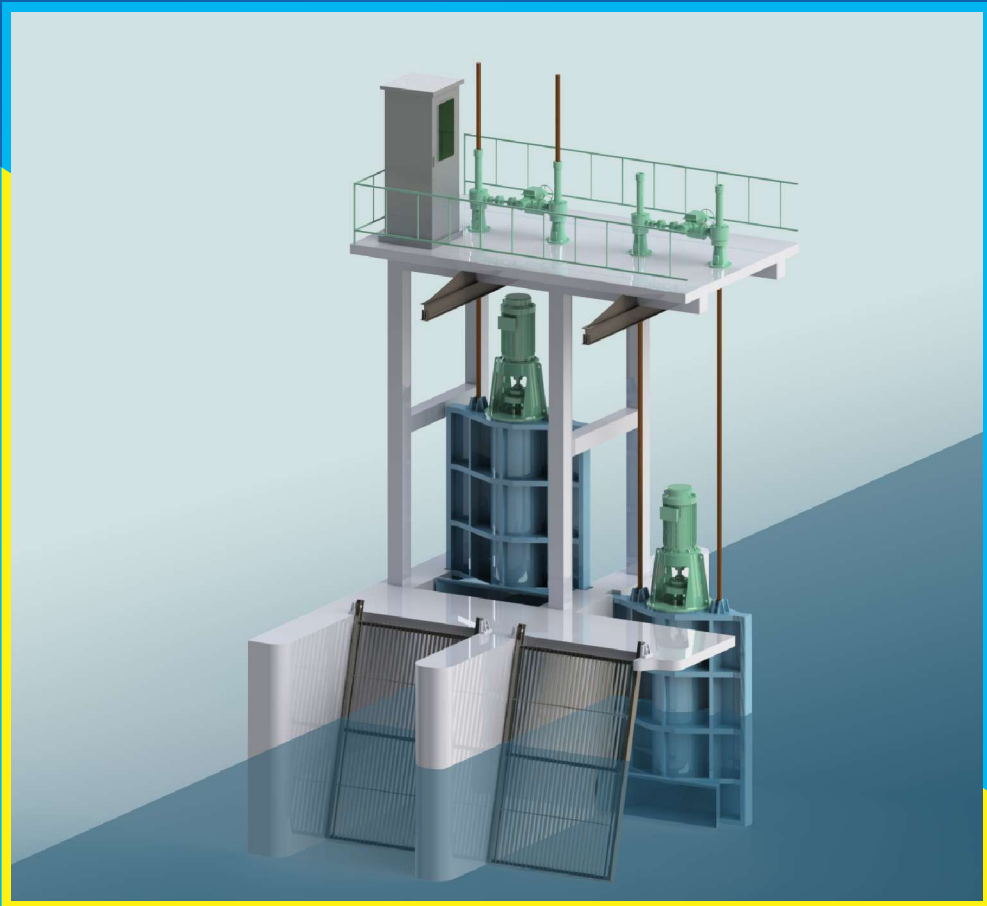
Unit 022, 2nd Floor, No.14 Thuy Khue Street, Tay Ho District, Hanoi
Tel: +84-24-328 99911 Fax: +84-24-328 99955

HO CHI MINH REPRESENTATIVE OFFICE:

Unit 810, 8th Floor, Zen Plaza Building, No.54-56 Nguyen Trai Street, District 1, Ho Chi Minh City
Tel: +84-28-3535 8038 Fax: +84-28-3535 8040

INTEGRATED PUMP GATE SYSTEM

NEW



Looking ahead, going beyond expectations

Ahead Beyond

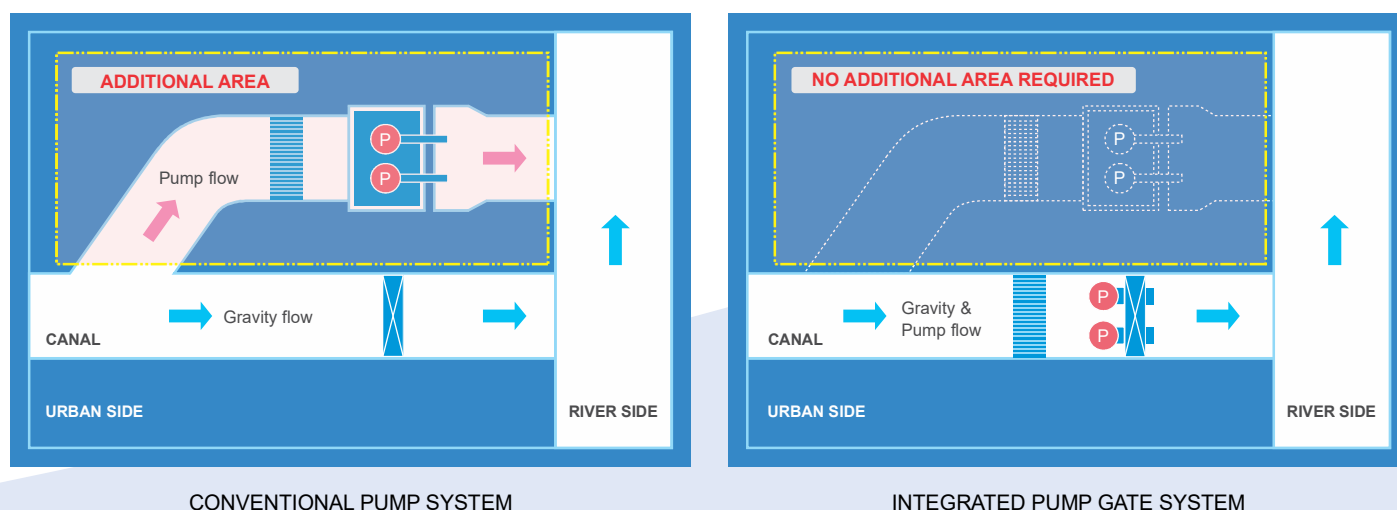
APPLICATIONS

- Flood Control**
- Drainage** : Waste water/Rain water
- Agriculture** : Irrigation/Drainage

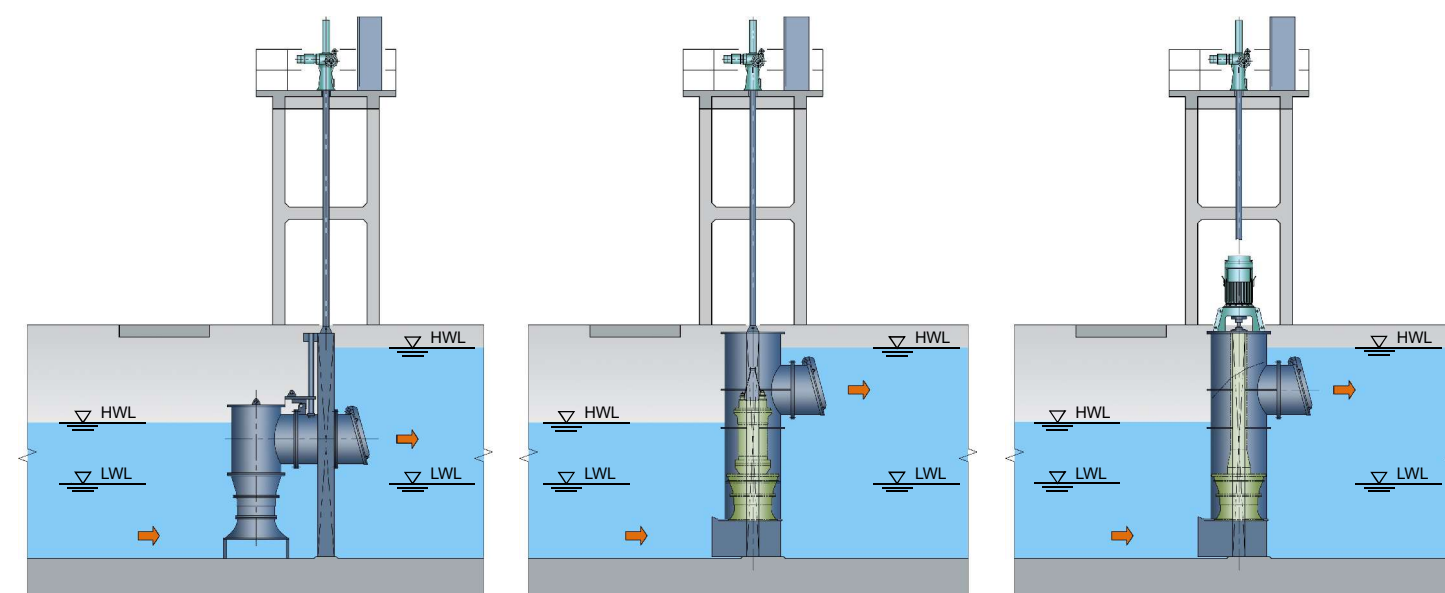
FEATURES

- HIGH RELIABILITY**
Due to Ebara pump and sluice gate are designed, manufactured and integrated synchronously by only one manufacturer.
- SMALL INSTALLATION SPACE**
The system with pump is installed directly into the sluice gate on the canal saves installation space and no need to build independent pumping station means no requirements for large additional area.
- SHORT CONSTRUCTION TIME**
Compact design and small construction area will shorten construction time.
- SIMPLE AND ROBUST STRUCTURE**
The pump is integrated into the sluice gate to form a unified unit makes the structure is simple and firm.
- EASY OPERATION AND MAINTENANCE**
Because of the integration between pump and sluice gate at the same position, the operation becomes more convenient and simple. On the other hand, the easy assembly/disassembly of pump makes maintenance work easier and still maintains proper purposes of sluice gate.
- LOWER COST OF CONSTRUCTION AND EQUIPMENT**
No need to build separate pumping station could reduce the project expenses. Besides, the combining of pump and sluice gate also reduces equipment costs.

COMPARISON of AREA USED FOR CONSTRUCTION



TYPICAL INSTALLATION



TYPE 1
ATTACHMENT - SUBMERSIBLE PUMP
(QUICK DISCHARGE CONNECTOR TYPE)

TYPE 2
INTEGRATED - SUBMERSIBLE PUMP
(PULL-OUT TYPE)

TYPE 3
INTEGRATED - VERTICAL PUMP
(PULL-OUT TYPE)

	SPECIFICATIONS		
	TYPE 1	TYPE 2	TYPE 3
PUMP TYPE *	Vertical submersible pump DSL	Vertical submersible pump DSZ	Pull-out vertical pump VSP
LIQUID	Waste water, rain water		
MOTOR	Submersible motor	Submersible motor	Vertical dry motor
VOLTAGE	400V		
STARTING METHOD	DOL - Y/Δ - Reactor - Inverter		
SHAFT SEAL	Mechanical seal	Mechanical seal	Gland packing or Deflector
GATE TYPE	Slice or Roller		
GATE OPERATION	Electric or Manual		
WATER SEAL	Seal rubber, 3 sides		

NOTE: Pump and gate size shall be designed depending on customer's requirements.
(*) Horizontal pump type is also available. Please consult us for specific details.

OPERATION and MAINTENANCE

