

TGJP

SUBMERSIBLE PUMP

Submersible Series



TORISHIMA PUMP

Our Wide Range of Application

- Supplying Hot Water
 - Various hydraulic circulation pump
 - Circulation of heated water or cool water at home
- Sewage, Wastewater, Rain
 - Drainage pump at underground, construction, swimming pool farm
 - Supplying the oxygen at waste and sewage treatment plant
 - Protection of flood
- Food
 - Transfer/supplying food material
 - Homogenize the liquid
- Golf Link
 - Supplying the water at a golf link
- Supplying water and Pressure
 - Transfer/press hot water, cool water at the building, plant, fire fighting system
- Beverage and Drinking Water
 - Transfer beverage, drinking water
 - Supplying underground water
- Pulp and Paper
 - Transfer liquid containing sludge at pulp and paper plant
 - Vacuum pump for dehydration
- Mine and Iron mill
 - Pumping/transfer at mine, Iron mill
- Generator and Refining
 - Circulation pump of cooling water
 - Transfer wastewater
- Hot spring, Gardening, Irrigation Water
 - Supplying the water at hot spring, gardening, irrigation water
 - Irrigation pump for streaming, dam, reservoir
- Sewage and Chemical
 - Transfer sewage and wastewater at chemical plant, hospital, laboratory
- Industry
 - Transfer/pressure/circulation pump of various hydraulic and hot water, cool water at a industrial site
 - Be able to apply to various process

TGJPS

for sewage and wastewater treatment

Application

- Transfer of solid at sewage, wastewater treatment plant
- Effluent transfer from sewage, wastewater treatment plant
- Fountain, decorative waterfall
- Supply factory with industrial water

Features

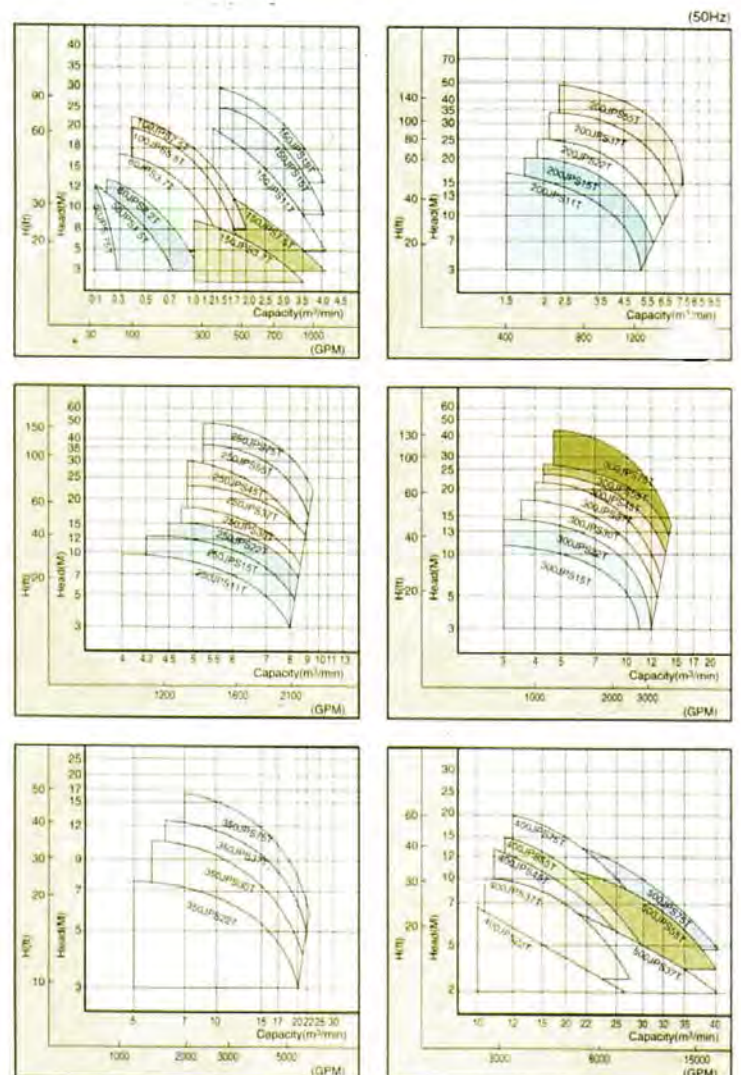
- Minimizing stopping-up of foreign material
- Multi-pole applicable according to water quantity
- Increase durability with 4 pole motor
- Perfect watertight with Double mechanical seal

Pump

- Impeller: enclosed type
- Connecting method
 - Flange Coupling/Hose Coupling/ QDC
- Material
 - Casing : GC200/SSC13
 - Impeller: GC200/SSC13
 - Suction Cover : GC200/SSC13
 - Shaft :SCM440/STS410

Motor

- 2~14 pole
- Insulation Class : F
- 3Phase/220V/380V/440V
- 3000~429 rpm
- Line Start (0.75KW~15KW)
- Star Delta (15KW~110KW)
- Standard Power: 22KW~190K

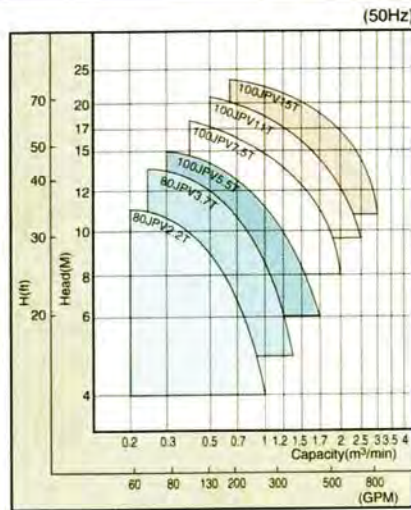


TGJPV

Vortex pump for sewage and wastewater treatment

Application

- Transport of sludge at farm, hotel, hospital, restaurant
- Transport of sewage from septic tank
- Transport of the raw source from wastewater treatment plant



Features

- Easy to maintain ← with QDC
- Equipped with electric ← motor protector
- Increase the duality of ← Motor with 4 pole
- Transport of solid particle ← Size up to max. 80mm with Vortex structure
- Perfect watertight with ← Double mechanical seal

Pump

- Impeller: Vortex type
- Material
 - Impeller: GC200/SSC13
 - Casing : GC200/SSC13
 - Shaft :SCM440/STS410
- Connecting method
 - Flange Coupling/Hose Coupling/ Automatic Discharge connector



Motor

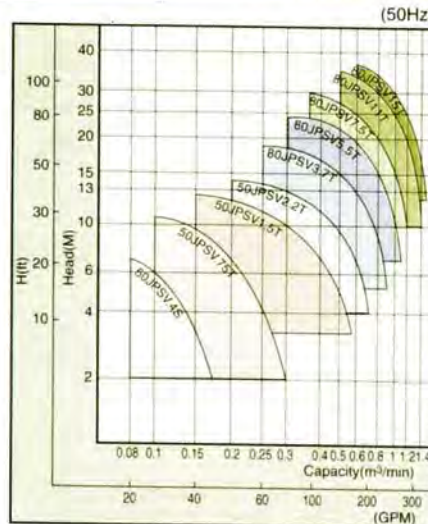
- 4 pole ←
- Insulation Class : F ←
- 3Phase/220V/380V/440V ←
- 1500 rpm ←
- Line Start ←
- Standard Power: 2.2KW-15KW ←

TGJPSV

Vortex pump for sewage and wastewater treatment

Application

- Transport of sludge at farm, hotel, hospital, restaurant
- Transport of sewage from septic tank
- Transport of the raw source from wastewater treatment plant



Features

- Easy to maintain ← with QDC
- Easy to transfer solid ← with Semi-Vortex
- Equipped with electric ← motor protector
- High head ←

Pump

- Impeller: Semi-vortex type
- Material
 - Impeller: GC200/SSC13
 - Casing : GC200/SSC13
 - Shaft :SCM440/STS410
- Connecting method
 - Flange Coupling/Hose Coupling/ Automatic Discharge connector



Motor

- 2 pole ←
- Insulation Class : F ←
- 3Phase/220V/380V/440V ←
- 3000 rpm ←
- Line Start ←
- Standard Power: 0.75KW-15KW ←

TGJPH

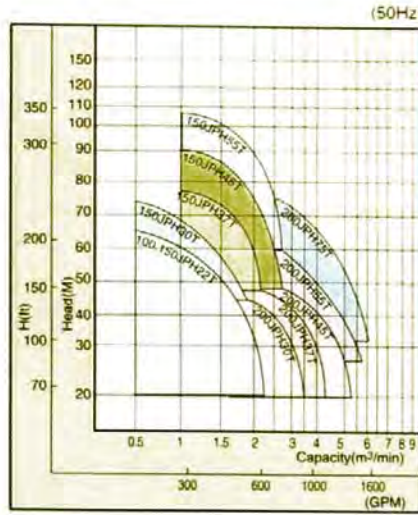
High head dewatering pump for civil engineering site

Application

- High Head
- Drainage at mine
- Long distance pressuring dewatering/drainage at golf link & reservoir
- Dewatering/drainage at road, harbor, dam construction site

Pump

- Impeller: Enclosed type
- Material
 - Impeller: BC6
 - Casing : GC200/SSC13
 - Shaft :SCM440/STS410
 - Suction Cover : GC200/SSC13
- Connecting method
 - Flange Coupling/Hose Coupling



Features

- Applicable to higher head than other dewatering pump with 2 poles and enclosed impeller
- Maximize cooling effect of motor with water jacket around motor including motor protector
- Perfect watertight with Double mechanical seal

Motor

- 2 pole
- Insulation Class : F
- 3Phase/220V/380V/440V
- 3000 rpm
- Star Delta
- Standard Power: 22KW-110KW

TGJPHH

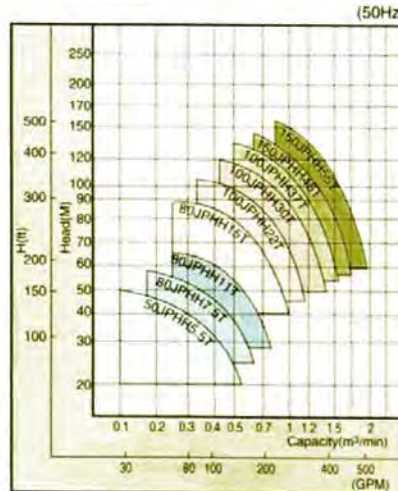
High head dewatering pump for civil engineering site

Application

- High Head
- Drainage at mine
- Long distance pressuring dewatering/drainage at golf link & reservoir
- Dewatering/drainage at road, harbor, dam construction site

Pump

- Impeller: Enclosed type
- Material
 - Impeller: BC6
 - Casing : GC200/SSC13
 - Shaft :SCM440/STS410
 - Suction Cover : GC200/SSC13
- Connecting method
 - Flange Coupling/Hose Coupling



Features

- High Head by using 2 stage impeller
- Applicable to higher head with 2 poles and enclosed impeller
- Maximize cooling effect of motor with water jacket around motor including motor protector
- Perfect watertight with Double mechanical seal

Motor

- 2 pole
- Insulation Class : F
- 3Phase/220V/380V/440V
- 3000 rpm
- Line Start (5.5KW~15KW)
- Star Delta (15kw~110kw)
- Standard Power: 5.5KW-110KW

Application

- Protection from flood, heavy rain
- Drain large quantity for irrigation, agricultural water
- Reserve water for waterworks and industrial supply
- Transfer a large quantity of sewage water
- Circulate a large quantity of water a pleasure resort of park, lake



Features

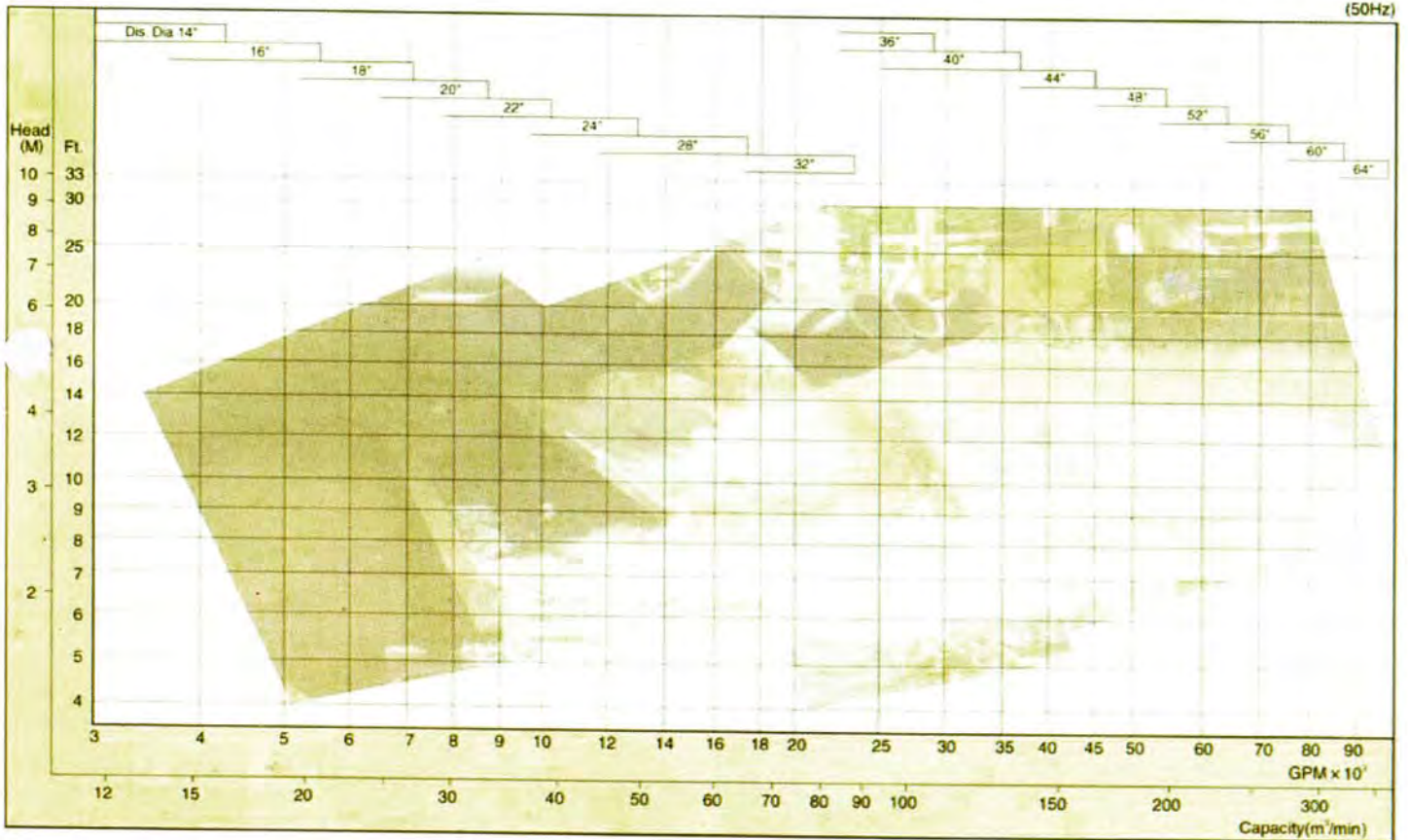
- Easy to handle, install ←
- with close, compact design
- Various application to low ←
- head, large quantity
- No need of special piping ←
- or housing work
- Precisely designed impeller ←
- by means of axial flow
- Perfect watertight with ←
- Double mechanical seal
- Minimizing the cost of ←
- installation

Pump

- Impeller: Axial Flow type (Impeller)
- Material
 - Impeller: Bronze/Stainless Steel
 - Casing : Cast Iron
 - Shaft :SCM440/STS410

Motor

- 4~24 pole ←
- Insulation Class : F ←
- 3Phase/220V/380V/440V ←
- 1500~250 rpm ←
- Star Delta (15KW~75KW) ←
- Reactor (75KW~750KW)←
- Standard Power: 15KW-750KW ←

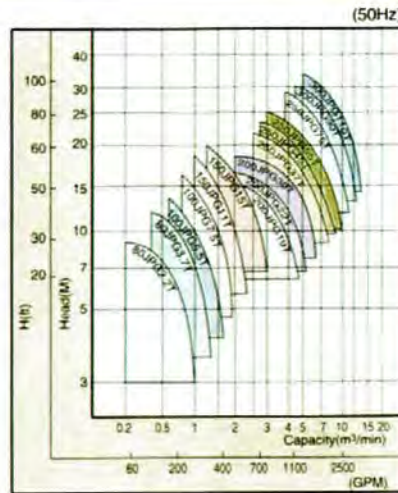


TGJPG

Sand and Gravel effluent Pump

Application

- Transport of sand, gravel, and sediment at a bottom
- Dredging operation in harbor
- Moving gravel and sand
- Drainage from construction site
- Drainage of underground construction
- Drainage and supplying of tunnel construction



Features

- increase of the abrasive ← resistance by using Hi-Cr of impeller and Agitator
- Smoothed drainage of ← sediment & sand by agitator
- Easy to carry with light weight ← including electric motor ← Protector

Pump

- Impeller: Semi open type
- Material
 - Impeller: Hi-Cr/SSC13
 - Agitator: Hi-Cr
 - Casing : GC200/SSC13
 - Shaft :SCM440/STS410
 - Suction Cover : GC200/SSC13
- Connecting method
 - Flange Coupling/Hose Coupling



Motor

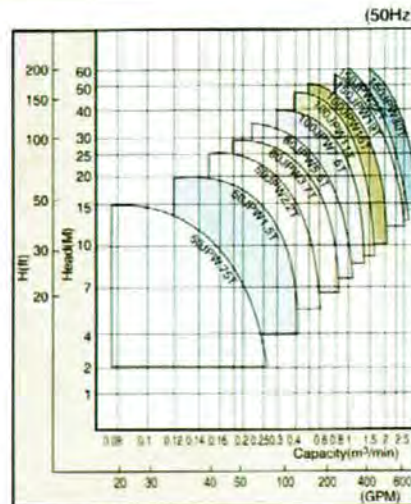
- 2 pole ←
- Insulation Class : F ←
- 3Phase/220V/380V/440 ←
- 3000 rpm ←
- Line Start ←
- Standard Power: 0.75KW-15KW ←

TGJPW

Wastewater and effluent pump

Application

- Transport from waste & sewage water treatment plant
- Subway Station, underground, industrial site
- Fountain, decorative waterfall
- High Head



Features

- Easy to maintain ← with QDC
- Equipped with ← semi-open impeller
- More than 19 KW has ← non-pressuring structure
- Equipped with electric ← motor protector
- High head ←

Pump

- Impeller: Semi open type
- Material
 - Impeller: GC200/SSC13
 - Casing : GC200/SSC13
 - Suction Cover : GC200/SSC13
 - Shaft :SCM440/STS410
- Connecting method
 - Flange Coupling/Hose Coupling/ Automatic Discharge connector

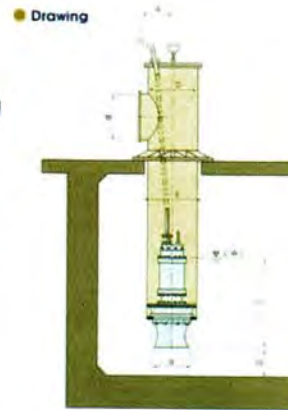


Motor

- 2 pole ←
- Insulation Class : F ←
- 3Phase/220V/380V/440V ←
- 3000 rpm ←
- Line Start/Star Delta ←
- Standard Power: 0.75KW-30KW ←

Application

- Protection from flood, heavy rain
- Drain large quantity for irrigation, agricultural water
- Reserve water for waterworks and industrial supply
- Transfer a large quantity of sewage water
- Circulate a large quantity of water a pleasure resort of park, lake



Features

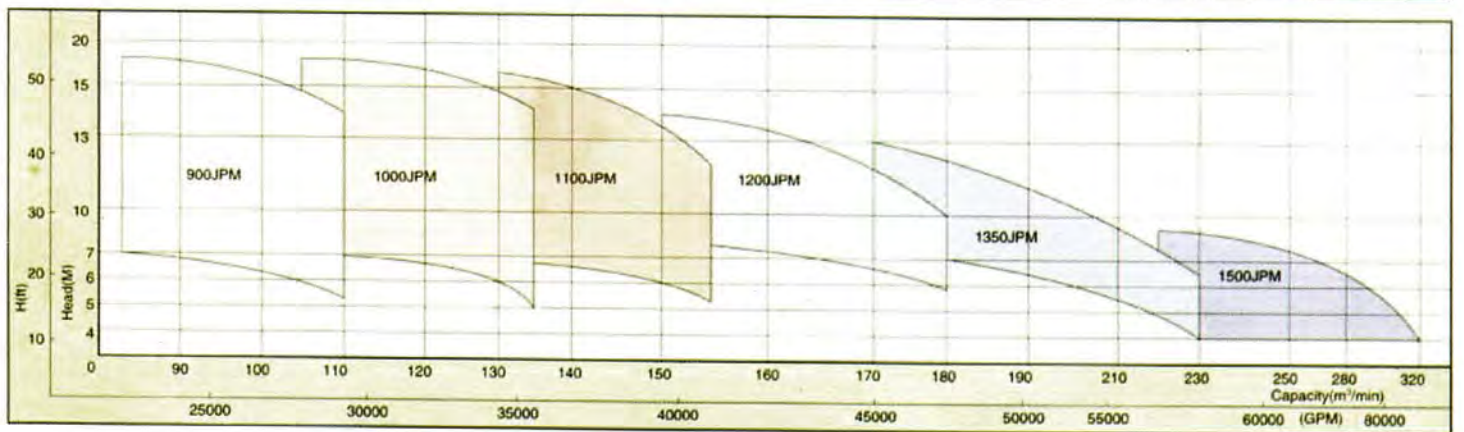
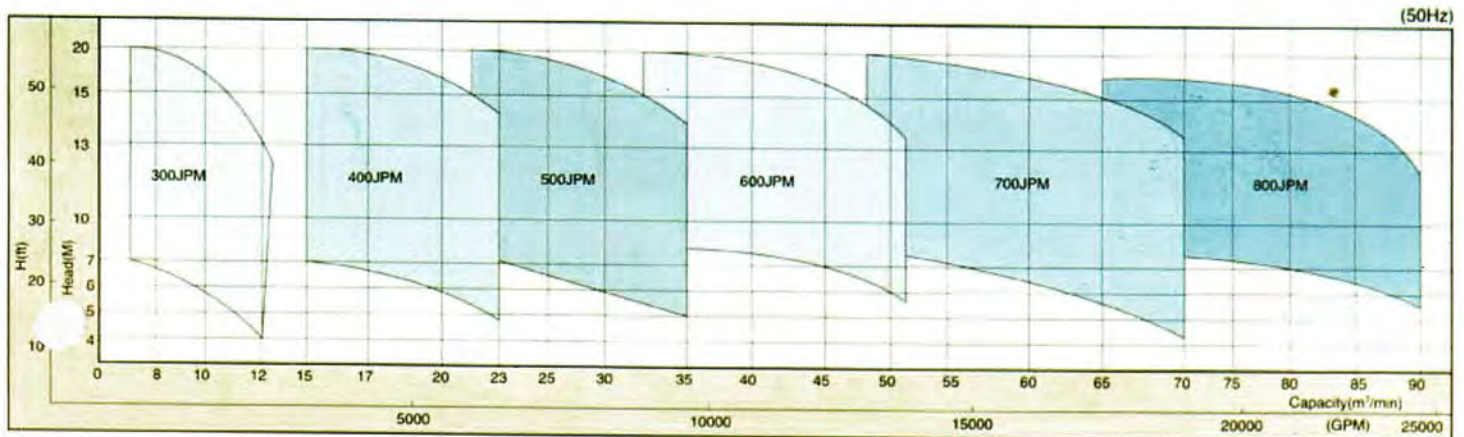
- ← Easy to handle, install
- ← with close, compact design
- ← Various application to middle head, large quantity
- ← No need of special piping or housing work
- ← Perfect watertight with Double mechanical seal
- ← Minimizing the cost of installation

Pump

- Impeller: Mixed Flow type
- Material
 - Impeller: Bronze/Stainless Steel
 - Casing : Cast Iron/SSC13
 - Shaft :SCM440/STS410

Motor

- ← 4~24 pole
- ← Insulation Class : F
- ← 3Phase/220V/380V/440V
- ← 1500~250 rpm
- ← Star Delta (22KW~75KW)
- ← Reactor (75KW~750KW)
- ← Standard Power: 22KW-750KW



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