

**PUMP EXPERT.**

# **JEIL SUBMERSIBLE MOTOR PUMP**

SUBMERSIBLE MOTOR PUMP

SUBMERSIBLE VORTEX PUMP

SUBMERSIBLE SEMI-VORTEX PUMP

SUBMERSIBLE MIXED FLOW PUMP

SUBMERSIBLE AXIAL FLOW PROPELLER PUMP

HIGH HEAD SUBMERSIBLE MOTOR PUMP

SUBMERSIBLE AERATOR

SUBMERSIBLE MIXER



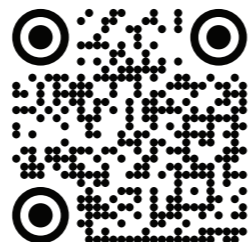
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# COMPANY

## INTRODUCE OF JEIL

Since its establishment in 1997, JEIL MACHINERY IND. CO., LTD. has been at the forefront of providing innovative solutions in the water industry. Specializing in the manufacturing of submersible motor pumps, our company has garnered invaluable experience through extensive research and development, alongside a commitment to growing together with our customers. Utilizing advanced technology and a dedication to quality, we have established ourselves as leaders in the development of energy-efficient pumps that boast high-performance capabilities while minimizing vibration and noise. This, coupled with the trust of our customers and our international competitiveness, has propelled JEIL MACHINERY IND. CO., LTD. to the forefront of the global pump market. In addition to serving the domestic market, we have expanded our reach by exporting our pumps worldwide. Over the years, we have honed our expertise in the production of submersible axial flow pumps and mixed flow pumps, thanks to our extensive manufacturing and delivery track record. We manufacture and deliver the products customized to meet our customers' various requirements including specific material needs. Looking towards the future, we are committed to incorporating IoT technology to provide proactive maintenance and ensure the reliability of our pumps. At JEIL MACHINERY IND. CO., LTD. we are dedicated to integrating customer feedback into our product development and management practices, striving to become a globally renowned leader in the pump industry, hand in hand with our valued customers.



## HISTORY

- 2025** 7 CERTIFIED AS A STANDARD WORKPLACE FOR THE DISABLED  
7 OBTAINED ISO 45001 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION  
7 OBTAINED ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION  
7 JOINED THE 2025 GYEONGGI-DO WATER INDUSTRY TRADE MISSION (MALAYSIA & BANGKOK)  
3 DESIGNATED AS A G-PASS COMPANY (PROMISING ENTERPRISE FOR FOREIGN PUBLIC PROCUREMENT MARKETS)
- 2024** 11 CERTIFIED AS A WOMEN-OWNED BUSINESS ENTERPRISE (WBE)  
7 PARTICIPATED IN "BOILEX ASIA & PUMPS AND VALVES ASIA 2024" IN THAILAND  
4 CERTIFICATION OF CORPORATE R&D CENTER
- 2023** 12 RECOGNIZED FOR PILOT PURCHASE PRODUCTS  
12 SELECTED AS A TECHNOLOGY INNOVATION SME (INNO-BIZ)  
8 NEW CEO TOOK OFFICE (EUN-JI KIM)
- 2022** 12 DESIGNATED FOR EXCELLENT PROCUREMENT JOINT BRAND PRODUCTS
- 2019** 7 OBTAINED A PATENT FOR "SUBMERSIBLE PUMP EQUIPPED WITH ANTI-FLOTATION PIPE"
- 2018** 7 OBTAINED A PATENT FOR "SUBMERSIBLE PUMP EQUIPPED WITH PRESSURE REDUCING DEVICE"  
7 OBTAINED A PATENT FOR "PRESSURE REDUCING DEVICE"  
6 PARTICIPATED IN THE WORK-LIFE BALANCE CAMPAIGN
- 2017** 5 OBTAINED A PATENT FOR "SUBMERSIBLE PUMP WITH BEARING COOLING DEVICE"
- 2014** 5 CERTIFIED FOR HIGH-EFFICIENCY ENERGY EQUIPMENT  
1 DESIGNATED FOR EXCELLENT PROCUREMENT JOINT BRAND PRODUCTS
- 2012** 12 OBTAINED ISO 14001 INTERNATIONAL CERTIFICATION (LLOYD'S REGISTER UKAS)  
8 SELECTED AS AN EXCELLENT GREEN ENTERPRISE IN GYEONGGI-DO (GYEONGGI-DO ENVIRONMENTAL PRESERVATION ASSOCIATION)
- 2011** 12 OBTAINED A PATENT FOR "SUBMERSIBLE MOTOR WITH AIR-COOLING SYSTEM"  
8 REGISTERED AS A VENTURE BUSINESS (TECHNOLOGY EVALUATION GUARANTEED ENTERPRISE)  
6 ESTABLISHED AN R&D CENTER (KOREA INDUSTRIAL TECHNOLOGY ASSOCIATION - KOITA)  
5 REGISTERED AS A VENTURE BUSINESS (KOREA TECHNOLOGY FINANCE CORPORATION - KIBO)
- 2006** 4 ESTABLISHED AND OPERATED THE MOTOR PUMP MONITORING & ANALYSIS SYSTEM (MAS)  
2 REGISTERED 2 UTILITY MODELS (VIBRATION AND ANALYSIS DEVICES)
- 2001** 2 OBTAINED ISO 9001 INTERNATIONAL CERTIFICATION (LLOYD'S REGISTER UKAS)
- 2000** 11 RECEIVED THE "MILLION DOLLAR EXPORT TOWER" AWARD (37TH TRADE DAY)  
9 COMPLETED CONSTRUCTION AND RELOCATED HEADQUARTERS/FACTORY (DAEMYUNGHANG-RO, DAEGOT-MYEON, GIMPO-SI)  
6 AWARDED THE GQ MARK (GOOD QUALITY MARK FOR EXCELLENT SME PRODUCTS)  
2 BROKE GROUND FOR THE CONSTRUCTION OF THE GIMPO PLANT (DAEMYUNGHANG-RO, DAEGOT-MYEON, GIMPO-SI)
- 1999** 10 OBTAINED KS CERTIFICATION (KS B 6321 SUBMERSIBLE MOTOR PUMPS FOR DRAINAGE)  
5 ACHIEVED USD 500,000 IN EXPORTS  
3 EXPORTED SUBMERSIBLE AXIAL/MIXED FLOW PUMPS TO SOUTHEAST ASIA  
2 JOINED THE KOREA INTERNATIONAL TRADE ASSOCIATION (KITA)
- 1998** 6 JOINED THE INCHEON MACHINERY INDUSTRY COOPERATIVE  
6 OBTAINED ISO 9001 CERTIFICATION (SMALL & MEDIUM BUSINESS CORPORATION)  
5 COMMENCED PRODUCTION OF 375KW SUBMERSIBLE AXIAL/MIXED FLOW PUMPS  
3 COMMENCED PRODUCTION OF 200KW SUBMERSIBLE AXIAL/MIXED FLOW PUMPS AND INITIATED DEVELOPMENT OF SUBMERSIBLE AERATORS  
3 JOINED THE KOREA AGRICULTURAL MACHINERY INDUSTRY COOPERATIVE (KAMICO)  
2 REGISTERED AS A QUALIFIED BIDDER FOR DOMESTIC PROCUREMENT (PUBLIC PROCUREMENT SERVICE)  
1 REGISTERED FACTORY (SEO-GU OFFICE, INCHEON METROPOLITAN CITY)
- 1997** 12 COMMENCED PRODUCTION OF SUBMERSIBLE MOTOR PUMPS (FOR DRAINAGE AND SEWAGE)  
11 ESTABLISHMENT OF JEIL MACHINERY CO., LTD.

# CERTIFICATE OF APPROVAL



**G-PASS ENTERPRISE DESIGNATION**



**ISO 9001**



**ISO 14001**



**ISO 45001**



**HIGH EFFICIENCY ENERGY 50JSW1.5T**



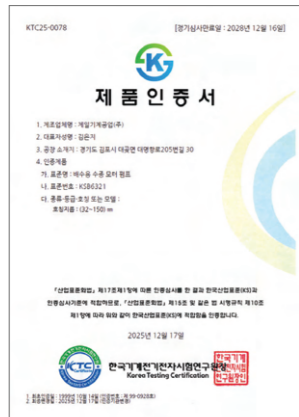
**HIGH EFFICIENCY ENERGY 80JSW2.2T**



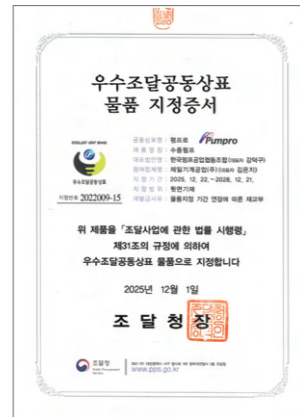
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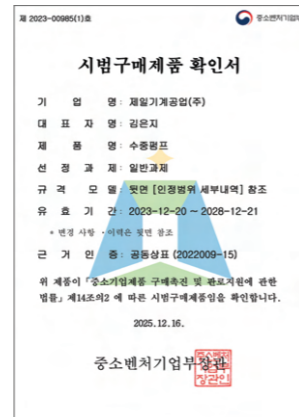
**HIGH EFFICIENCY ENERGY 100JSW5.5-2T3**



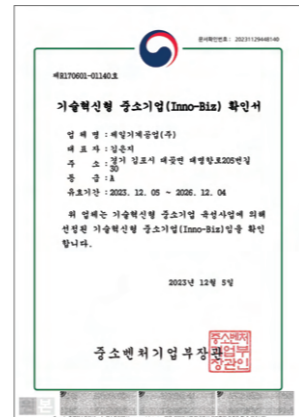
**KS PRODUCT CERTIFICATION**



**DESIGNATION OF EXCELLENT PROCUREMENT JOINT TRADEMARK GOODS**



**CONFIRMATION OF PILOT PURCHASE PRODUCTS**



**TECHNOLOGY INNOVATION SMALL AND MEDIUM ENTERPRISES (INNO-BIZ)**



**HIGH EFFICIENCY ENERGY 100JSW7.5-2T3**



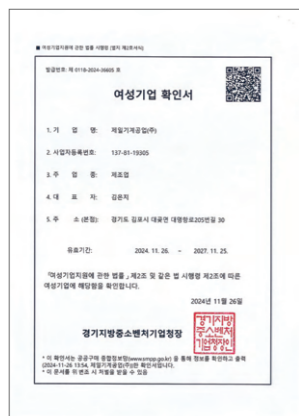
**HIGH EFFICIENCY ENERGY 100JSW11-2T3**



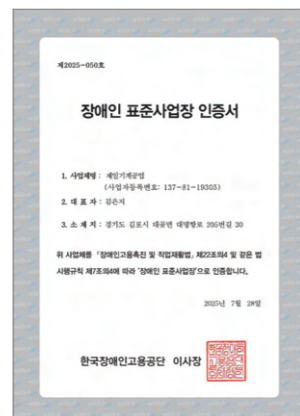
**HIGH EFFICIENCY ENERGY 150JSS15-4T3**



**PATENT: SUBMERSIBLE MOTOR EQUIPPED WITH AIR COOLING SYSTEM**



**A WOMEN-OWNED BUSINESS**



**STANDARD WORKPLACE FOR PERSONS WITH DISABILITIES**



**HIGH EFFICIENCY ENERGY 50JSWO.4T**



**HIGH EFFICIENCY ENERGY 50JSWO.75T**



**PATENT: SUBMERSIBLE PUMP EQUIPPED WITH INJURY PREVENTION TUBE**



**PATENT: PRESSURE ATTENUATION DEVICE**



**PATENT: SUBMERSIBLE PUMP WITH BEARING COOLING SYSTEM**



**PATENT: SUBMERSIBLE PUMP EQUIPPED WITH PRESSURE ATTENUATION DEVICE**

## FEATURE

### 1 Severe Duty Mechanical Seal

Double inside mechanical seals with silicon carbide faces guarantee a perfect sealing effect and longer life time.

### 2 Heavy Duty Ball Bearing

Provide Safety use, extended operational life due to double shielded, permanently lubricated high temperature C3 ball bearings.

### 3 Water Tight Cable Entrance

Double water proof sealed cable entrance prevents the motor from water incursion caused by a damage of power cable.

### 4 Continuous Duty Motor

Temperature sensor and built-in thermal protector prevent motor damage.  
Save operation cost due to highly efficient design.

### 5 Leakage Detector

A Float type leakage detector is equipped as a customer's option. It detects any liquid incursion and extends operational life.

### 6 Specially Designed Impeller

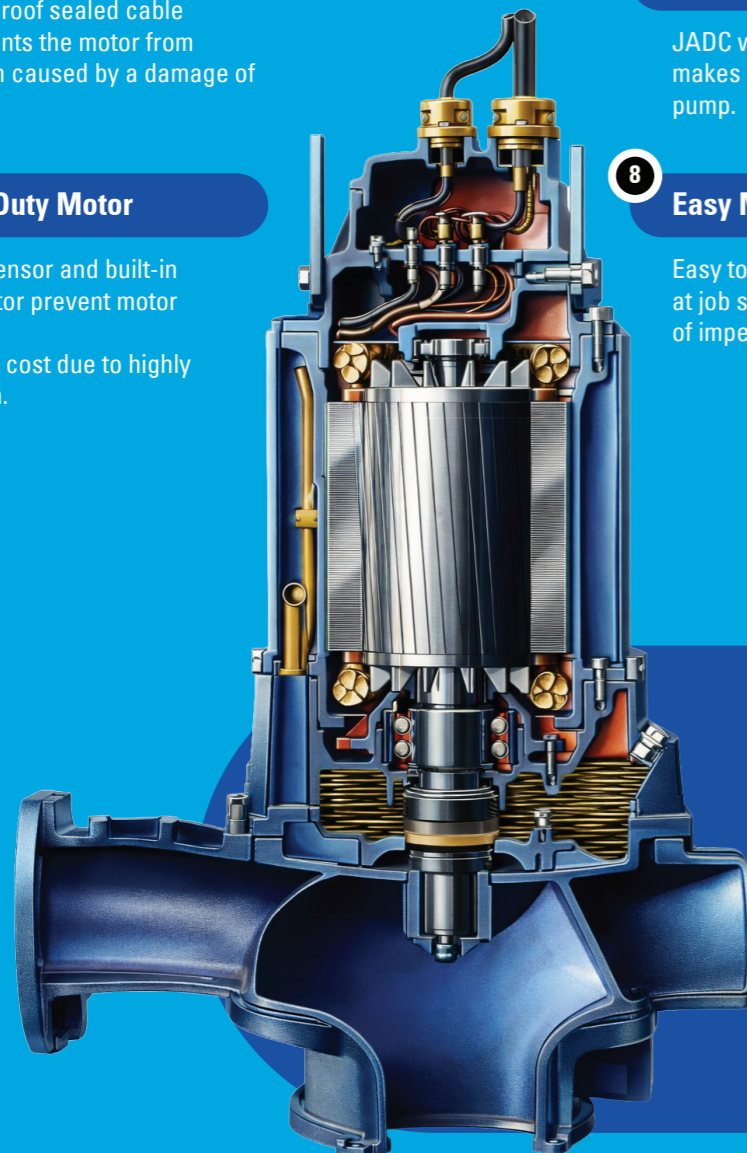
Various Kinds like open, enclosed nonclog, torque flow vortex, semi-vortex, propeller type will make you satisfied, especially with excellent solids handling capabilities.

### 7 Auto Discharge Connector

JADC with two rail design system makes it easy to install and maintain pump.

### 8 Easy Maintenance

Easy to maintain and repair the pump at job site thanks to easy replacement of impeller and casing cover.



## MODEL NUMBER DESIGNATION

# S 1000 JSP 150 16 T 3

<b>S</b>	Material of construction : Blank = Standard construction, S = Stainless steel, B = All bronze, BF = Bronze fltted
<b>1000</b>	Discharge size in mm : 50 = 2", 80 = 3", 100 = 4", 150 = 6", 200 = 8" 250 = 10", 300 = 12", 350 = 14", 400 = 16", 500 = 20"
<b>JS</b>	Manufacturer's designation : JS = JEIL Submersible Pumps
<b>P</b>	Pump type : S = Sewage, W = Wastewater, D = Dewatering P = Propeller pump, M = Mixed flow pump SV = Semi-vortex, V = Vortex, R = Aerator, H = High head dewatering
<b>150</b>	Motor output(KW) : KW X 1.341 = Horsepower output
<b>16</b>	Number of poles : motor synchronous speed at 50[Hz] Blank = Model standard RPM, 2 = 3000, 4 = 1500, 6 = 1000 8 = 750, 10 = 600, 12 = 500(RPM)
<b>T</b>	Phase : S = Single phase, T = Three phase
<b>3</b>	Voltage : 2 = 230[V], 3 = 380[v], 4 = 415[V]

## ORDER FORM

MODEL					
<input type="checkbox"/> JSW	<input type="checkbox"/> JSSV	<input type="checkbox"/> JSV	<input type="checkbox"/> JSS	<input type="checkbox"/> JSD	<input type="checkbox"/> JSM
<input type="checkbox"/> JSP	<input type="checkbox"/> JSH	<input type="checkbox"/> JSR	<input type="checkbox"/> JADC	<input type="checkbox"/>	<input type="checkbox"/>

SPEC	
PUMP	MOTOR
DISCHARGE DIA. : mm	OUTPUT : kW, Hp
CAPACITY : m <sup>3</sup> /min	VOLTAGE : V
HEAD : m	FREQUENCY : Hz
QUANTITY : set	POLE : P
SPARE PART(100[%])	MATERIAL
IMPELLER : ea	BODY :
SUCTION COVER : ea	IMPELLER :
MECHANICAL SEAL : ea	SHAFT :
BEARING(UP/LO) : set	BOLT/NUT :

CUSTOMER		
COMPANY :		
TEL :	FAX :	E-mail :

## JSW-STANDARD 0.75-110[KW]

SUBMERSIBLE PUMP FOR WASTE WATER, 2 POLE

### APPLICATIONS

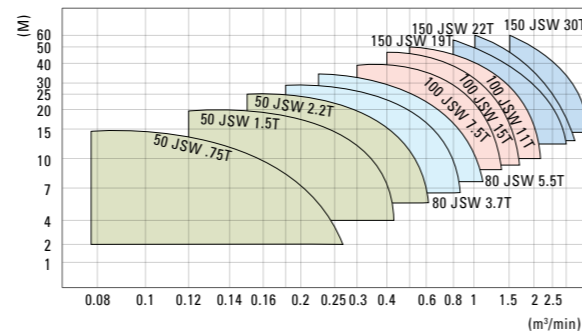
- Effluent transfer from waste & sewage water treatment plant.
- Subway station, underground, industrial site.
- Fountain, decorative waterfall.
- High head.

### FEATURES

- Easy to maintain with auto discharge connector.
- Equipped with semi-open impeller.
- Bigger than 19[KW] has non-pressuring structure.
- Motor protector built in.
- Perfect watertight with double mechanical seal.



Bore (mm)	MODEL	Output (kw)	Head (M)	Capacity (m <sup>3</sup> /min)
50	50 JSW .75T	0.75	10	0.16
	50 JSW 1.5T	1.5	15	0.25
	50 JSW 2.2T	2.2	20	0.3
80	80 JSW 3.7T	3.7	20	0.5
	80 JSW 5.5T	5.5	25	0.6
100	100 JSW 7.5T	7.5	30	0.8
	100 JSW 11T	11	35	1
	100 JSW 15T	15	40	1.2
150	150 JSW 19T	19	30	2
	150 JSW 22T	22	35	2
	150 JSW 30T	30	45	2.5



## JSSV-STANDARD 0.75-30[KW]

SUBMERSIBLE SEMI - VORTEX PUMP FOR SEWAGE, 2 POLE

### APPLICATIONS

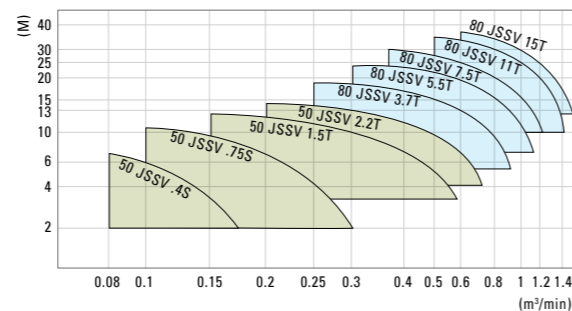
- Transfer sludge at piggery farm.
- Transfer waste water from septic tank.
- Transfer excreta, solids, pulp.
- Transfer sewage at hospital, hotel, restaurant.
- Effluent transfer from waste & sewage water treatment plant.

### FEATURES

- Easy to maintain with auto discharge connector.
- Easy to transfer solids with semi-vortex structure.
- Suitable for high head application.
- Motor protector built in.
- Perfect watertight with double mechanical seal.



Bore (mm)	MODEL	Output (kw)	Head (M)	Capacity (m <sup>3</sup> /min)
50	50 JSSV .4S	0.40	6	0.10
	50 JSSV .75S	0.75	7	0.20
	50 JSSV .75T	0.75	7	0.20
	50 JSSV 1.5T	1.5	10	0.30
	50 JSSV 2.2T	2.2	10	0.46
80	80 JSSV 3.7T	3.7	15	0.50
	80 JSSV 5.5T	5.5	18	0.70
	80 JSSV 7.5T	7.5	20	0.80
	80 JSSV 11T	11	25	1.00
	80 JSSV 15T	15	30	1.00



## JSV-STANDARD 2.2-30[KW]

SUBMERSIBLE VORTEX PUMP FOR SEWAGE, 4 POLE

### APPLICATIONS

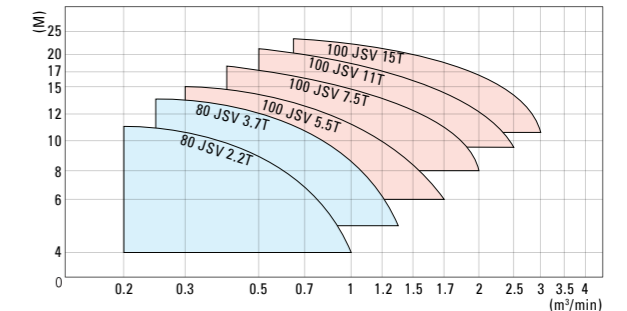
- Transfer sludge at piggery farm.
- Transfer waste water from septic tank.
- Transfer excreta, solids, pulp.
- Transfer sewage at hospital, hotel, restaurant.
- Effluent transfer from waste & sewage water treatment plant.

### FEATURES

- Easy to maintain with auto discharge connector.
- Easy to transfer solids with vortex structure.
- Motor protector built in.
- Perfect watertight with double mechanical seal.



Bore (mm)	MODEL	Output (kw)	Head (M)	Capacity (m <sup>3</sup> /min)
80	80 JSV 2.2T	2.2	9	0.5
	80 JSV 3.7T	3.7	10	0.8
	100 JSV 5.5T	5.5	10	1.2
100	100 JSV 7.5T	7.5	14	1.2
	100 JSV 11T	11	16	1.5
	100 JSV 15T	15	18	1.8



## JSS-STANDARD 2.2-800[KW]

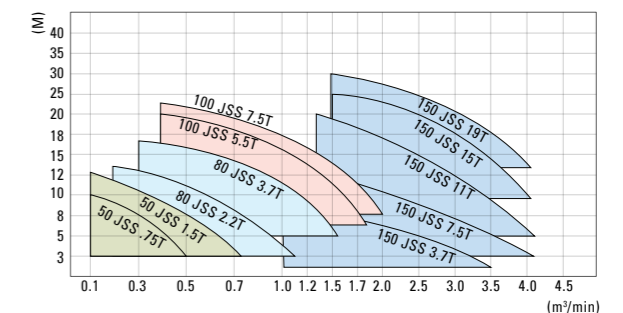
SUBMERSIBLE NON-CLOG PUMP FOR WASTE WATER, SEWAGE, MULTI - POLE

### APPLICATIONS

- Supply factory with industrial water.
- Fountain, decorative waterfall.
- Transfer solids at sewage, excreta disposal plant.
- Effluent transfer from waste & sewage water treatment plant.

### FEATURES

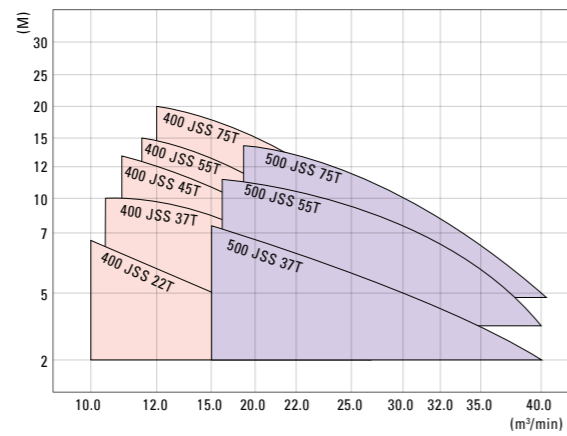
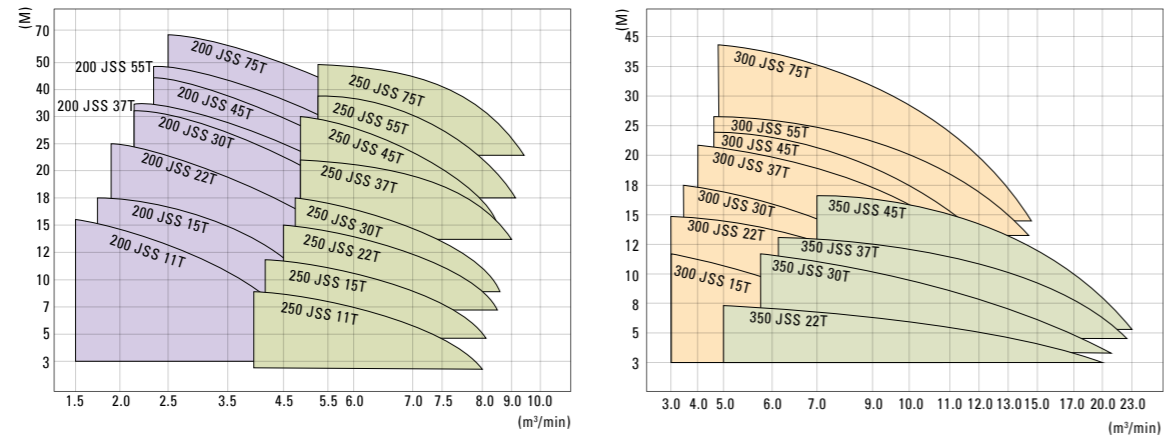
- Easy to maintain with auto discharge connector.
- Minimize stopping-up of foreign materials.
- Multi-pole applicable according to water quantity.
- Increase durability with 4 pole motor.
- Motor protector built in.
- Perfect watertight with double mechanical seal.



\* Pump specifications and form may be changed without notice for quality improvement.

\* For pumps other than those with the above specifications, please contact our technical department.

# JSS



Bore (mm)	Model	Output (kw)	Head (M)	Pole (P)	Capacity (m³/min)
50	50 JSS .75T	0.75	10	2	0.2
	80 JSS 1.5T	1.5	8	2	0.5
	80 JSS 2.2T	2.2	10	4	0.6
80	80 JSS 3.7T	3.7	15	4	0.6
	100 JSS 5.5T	5.5	16	4	1.0
100	100 JSS 7.5T	7.5	18	4	1.0
	150 JSS 3.7T	3.7	5	6	2.5
150	150 JSS 7.5T	7.5	9	6	2.5
	150 JSS 11T	11	15	4	2.5
	150 JSS 15T	15	20	4	2.5
200	150 JSS 19T	19	25	4	2.5
	200 JSS 11T	11	9	4	4.5
	200 JSS 15T	15	13	4	4.5
250	200 JSS 22T	22	18	4	4.5
	200 JSS 37T	37	28	4	4.5
	200 JSS 55T	55	40	4	4.5
250	250 JSS 11T	11	7	6	6.0
	250 JSS 15T	15	9	6	6.5
	250 JSS 22T	22	11.5	6	7.0
	250 JSS 30T	30	15	4	6.5
	250 JSS 37T	37	19	4	7.0
	250 JSS 45T	45	26	4	6.0

Bore (mm)	Model	Output (kw)	Head (M)	Pole (P)	Capacity (m³/min)
250	250 JSS 55T	55	30	4	7.0
	250 JSS 75T	75	40	4	7.0
	300 JSS 15T	15	6.5	6	9.0
300	300 JSS 22T	22	9	6	10.0
	300 JSS 30T	30	11.5	6	10.0
	300 JSS 37T	37	15	6	10.0
350	300 JSS 45T	45	18	6	10.0
	300 JSS 55T	55	21	6	10.0
	300 JSS 75T	75	30	4	10.0
	350 JSS 22T	22	5.5	10	15.0
	350 JSS 30T	30	7.5	8	15.0
400	350 JSS 37T	37	9.5	8	15.0
	350 JSS 45T	45	12	6	15.0
	400 JSS 22T	22	4	14	20.0
400	400 JSS 37T	37	7	10	20.0
	400 JSS 45T	45	9	8	20.0
	400 JSS 55T	55	11	8	20.0
500	400 JSS 75T	75	15	6	20.0
	500 JSS 37T	37	5	14	30.0
	500 JSS 55T	55	7.5	12	30.0
	500 JSS 75T	75	10	10	30.0

# JSM

## JSM-STANDARD 15-1350[KW]

SUBMERSIBLE MIXED FLOW PUMP



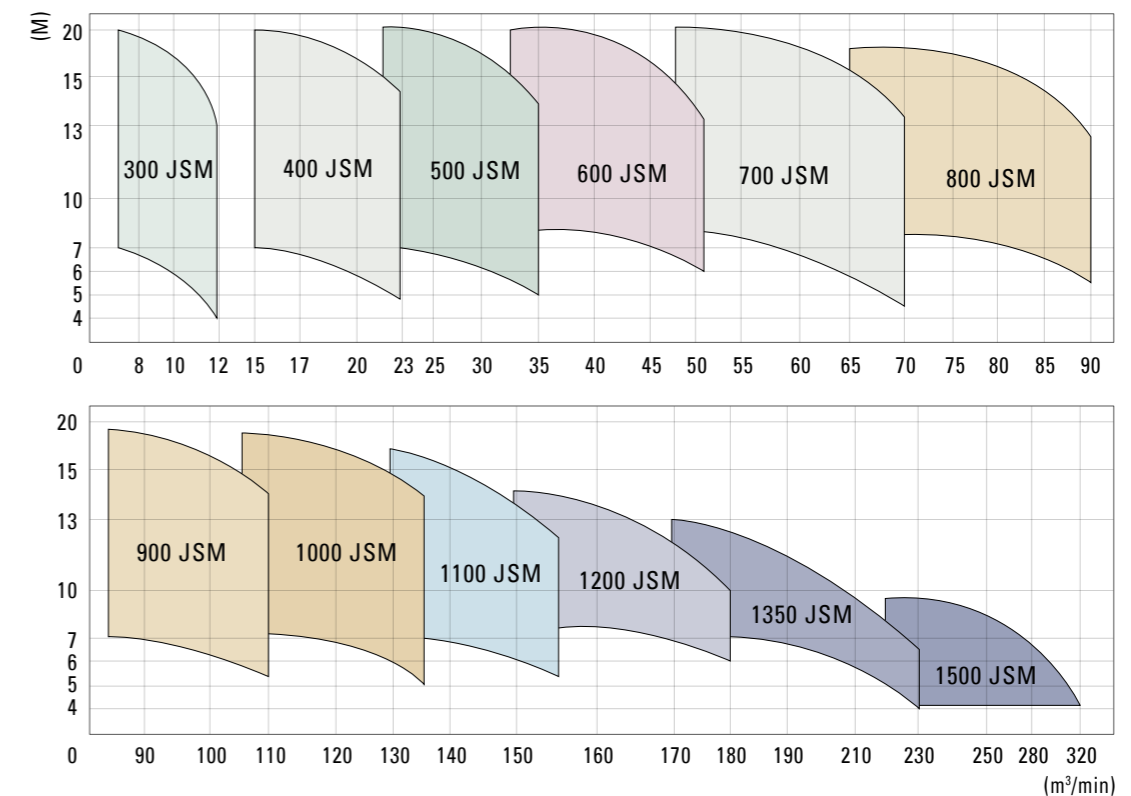
### APPLICATIONS

- Rainwater pumping station drainage, agricultural pumping station drainage
- To prepare for floods or heavy rain
- For inlet and discharge pumps in sewage treatment plants, etc.

### FEATURES

- Various applicability due to low head, high flow design
- Simple structure for easy maintenance
- Reduction of construction and equipment costs of the pumping station (small installation space and no need for auxiliary equipment)
- Maximize product reliability through early detection of abnormalities (built-in various safety devices)

### PERFORMANCE CURVE



## JSP-STANDARD 15-1500[KW]

SUBMERSIBLE AXIAL FLOW PROPELLER PUMP



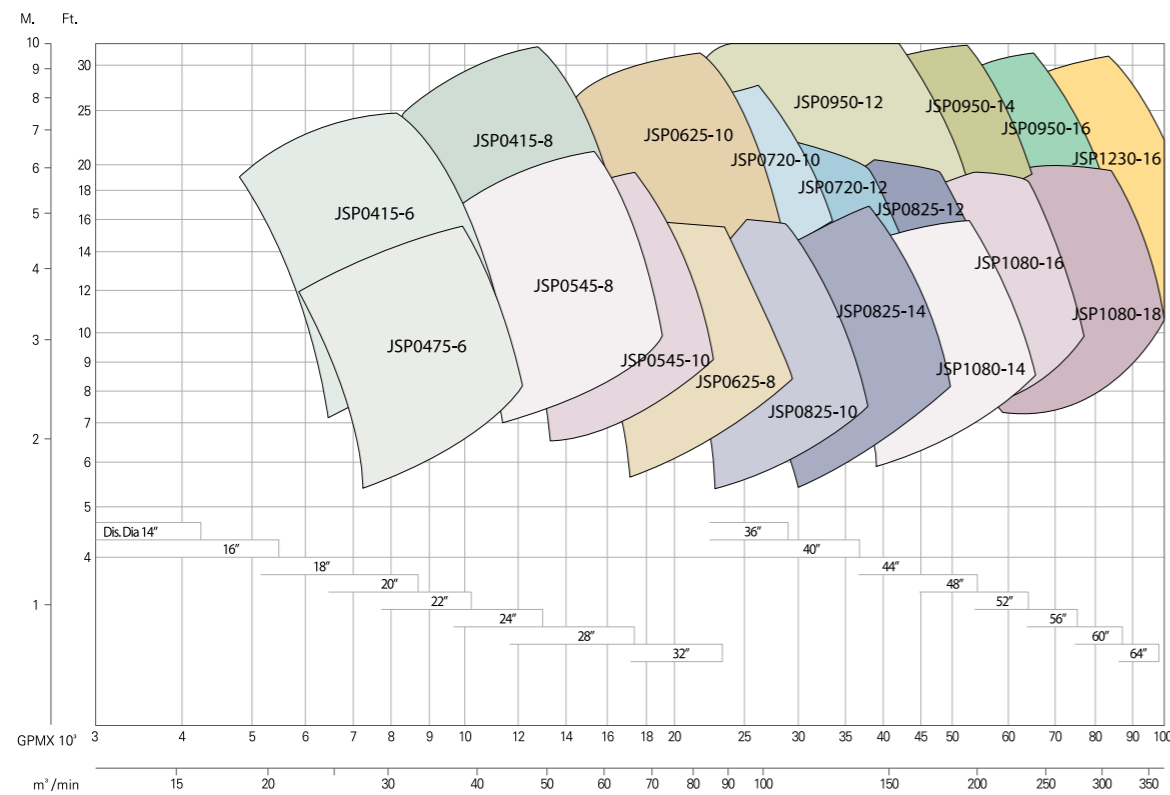
### APPLICATIONS

- 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 at 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(propeller) by means of axial flow
- Perfect watertight with double mechanical seal.

### PERFORMANCE RANGE & MODEL SELECTION CHART



### PERFORMANCE RANGE & MODEL SELECTION CHART

#### JSM

DFR : Discharge Flow Rate  
DM : Drive Method

Bore (mm)	MODEL	Output KW	Pole P	Head M	DFR (m³/min)	DM
300	300JSM 22 6T	22	6	9	10	Direct Motor Drive
	300JSM 37 4T	37	4	15	10	
	400JSM 37 8T	37	8	7.5	20	
400	400JSM 55 8T	55	8	11.5	20	
	400JSM 75 6T	75	6	15.5	20	
	400JSM 90 6T	90	6	18.5	20	
500	500JSM 55 12T	55	12	7.5	30	
	500JSM 75 8T	75	8	10.5	30	
	500JSM 110 8T	110	8	15	30	
600	500JSM 130 8T	130	8	18	30	
	600JSM 75 14T	75	14	7	45	
	600JSM 90 12T	90	12	8.5	45	
700	600JSM 130 10T	130	10	12	45	
	600JSM 150 8T	150	8	14	45	
	600JSM 190 8T	190	8	17.5	45	
800	700JSM 90 16T	90	16	6	60	
	700JSM 110 14T	110	14	7.5	60	
	700JSM 150 12T	150	12	10.5	60	
900	700JSM 220 10T	220	10	16	60	
	700JSM 250 8T	250	8	18	80	
	800JSM 130 16T	130	16	7	80	
1000	800JSM 150 16T	150	16	8	80	
	800JSM 190 14T	190	14	10	80	
	800JSM 220 12T	220	12	12	80	
1100	800JSM 300 10T	300	10	16	80	
	900JSM 150 16T	150	16	6	100	
	900JSM 220 12T	220	12	9	100	
1200	900JSM 300 12T	300	12	12.5	100	
	900JSM 350 12T	350	12	15	100	
	900JSM 400 12T	400	12	17	100	
1350	1000JSM 190 16T	190	16	6.5	120	
	1000JSM 220 16T	220	16	7.5	120	
	1000JSM 300 14T	300	14	10.5	120	
1500	1000JSM 400 12T	400	12	14	120	
	1000JSM 500 12T	500	12	15	120	
	1100JSM 220 6TG	220	6	6	150	
With Gear Reducer	1100JSM 300 6TG	300	6	8	150	
	1100JSM 400 6TG	400	6	11	150	
	1100JSM 450 6TG	450	6	12.5	150	
SP0825-□	1100JSM 500 6TG	500	6	14	150	
	1200JSM 300 6TG	300	6	7	180	
	1200JSM 350 6TG	350	6	8	180	
SP0950-□	1200JSM 400 6TG	400	6	9	180	
	1200JSM 450 6TG	450	6	10.5	180	
	1200JSM 500 6TG	500	6	11.5	180	
SP1080-□	1350JSM 300 6TG	300	6	5.5	225	
	1350JSM 400 6TG	400	6	7.5	225	
	1350JSM 500 6TG	500	6	9.5	225	
SP1230-□	1500JSM 400 6TG	400	8	6	280	
	1500JSM 500 6TG	500	6	7.5	280	

#### ※ Notes

- 1) The characteristic curves of the JSP models indicate approximate performance ranges; therefore, their configuration may differ from the specification table numbers (No.). Please ensure there is no misunderstanding.
- 2) For large-capacity JSM and JSP models, the drive configuration with a gear reducer can be manufactured either with a multi-pole motor or a gear reducer type, depending on customer requirements.
- 3) If products or specifications not listed in the specification table are required, please contact the manufacturer's technical department separately.

#### JSP

Curve No	MODEL	Output KW	Pole P	Head M	DFR (m³/min)	DM
SP0315-□	JSP 15 6T	15	6	4.0	15	Direct Motor Drive
	JSP 15 8T	15	8	3.0	20	
SP0360-□	JSP 22 6T	22	6	4.4	20	
	JSP 30 6T	30	6	5.0	24	
SP0415-□	JSP 19 8T	19	8	3.3	23	
	JSP 22 8T	22	8	3.5	25	
	JSP 30 8T	30	8	4.1	30	
SP0475-□	JSP 45 6T	45	6	6.2	30	
	JSP 19 10T	19	10	3.0	26	
	JSP 22 10T	22	10	3.0	30	
SP0546-□	JSP 30 10T	30	10	3.4	36	
	JSP 37 8T	37	8	4.3	35	
	JSP 45 8T	45	8	4.8	38	
SP0625-□	JSP 55 8T	55	8	5.2	44	
	JSP 30 12T	30	12	3.0	42	
	JSP 37 12T	37	12	3.2	48	
SP0720-□	JSP 37 10T	37	10	3.7	42	
	JSP 45 10T	45	10	4.0	47	
	JSP 55 10T	55	10	4.3	53	
SP0825-□	JSP 75 8T	75	8	6.0	53	
	JSP 90 8T	90	8	6.4	60	
	JSP 45 14T	45	14	3.0	62	
SP0950-□	JSP 45 14T	45	12	3.4	55	
	JSP 55 12T	55	12	3.7	62	
	JSP 75 10T	75	10	5.0	64	
SP1080-□	JSP 90 10T	90	10	5.4	72	
	JSP 110 10T	110	10	5.8	80	
	JSP 55 16T	55	16	3.0	78	
SP1230-□	JSP 55 14T	55	14	3.4	70	
	JSP 75 14T	75	14	3.7	85	
	JSP 90 14T	90	14	4.0	95	
With Gear Reducer	JSP 75 12T	75	12	4.2	75	
	JSP 90 12T	90	12	4.7	82	
	JSP 110 12T	110	12	5.0	95	
SP0825-□	JSP 130 12T	130	12	5.4	105	
	JSP 130 10T	130	10	6.2	90	
	JSP 150 10T	150	10	6.4	100	
SP0950-□	JSP 75 16T	75	16	3.4	95	
	JSP 90 16T	90	16	3.7	105	
	JSP 110 16T	110	16	4.0	120	
SP1080-□	JSP 110 14T	110	14	4.5	105	
	JSP 130 14T	130	14	4.7	120	
	JSP 150 14T	150	14	5.0	130	
SP1230-□	JSP 150 12T	150	12	5.7	115	
	JSP 190 12T	190	12	6.4	130	
	JSP 130 16T	130	16	4.2	135	
SP1400-□	JSP 150 16T	150	16	4.5	145	
	JSP 190 16T	190	16	5.0	165	
	JSP 220 16T	220	16	5.4	180	
With Gear Reducer	JSP 190 14T	190	14	5.5	150	
	JSP 220 14T	220	14	5.8	165	
	JSP 250 14T	250	14	6.0	180	
SP0315-□	JSP 250 16T	250	16	5.6	200	
	JSP 300 16T	300	16	6.0	220	
	JSP 350 16T	350	16	6.5	240	
SP0415-□	JSP 220 6TG	220	6	4.6	200	
	JSP 300 6TG	300	6	5.4	240	
	JSP 220 6TG	220	6	3.8	250	
SP0546-□	JSP 350 6TG	350	6	5.8	265	
	JSP 400 6TG	400	6	6.0	285	
	JSP 450 6TG	450	6	6.5	305	
SP0625-□	JSP 300 6TG	300	6	4.2	305	
	JSP 350 6TG	350	6	4.5	335	
	JSP 400 6TG	400	6	4.8	360	
SP0720-□	JSP 450 6TG	450	6	5.2	380	



## JSSP

### SUBMERSIBLE SPURT PUMP



### APPLICATIONS

- Sewage transfer at relay pump station and livestock wastewater transfer
- Raw water transfer at sewage and waste water treatment plant
- Transfer of sewage & sludge containing solids at sewage and sludge treatment plant
- Concentrated sludge transfer
- Manhole pump station
- Village sewage

### FEATURES

- Impeller design without restraint on foreign substances / Spurt Impeller
- Suitable for transfer of abrasion-resistant sludge-containing fluid
- Minimize breakdowns due to foreign substances

Contents	SPURT PUMP
Maximum Capacity	0.1 ~ 8m <sup>3</sup> /min
Maximum Head	5m~82m
Operating Temperature Range	0~40 (Class B Insulation Standard)
Pump Speed (RPM)	1150~1750 RPM/3450 RPM(Head)
Phase, Voltage	60Hz(50Hz), 3Phase, 220V,380V,460V
Application	Booster Pump/Manhole Pump/Sludge Transfer

### STANDARD SPECIFICATION

#### 1800rpm

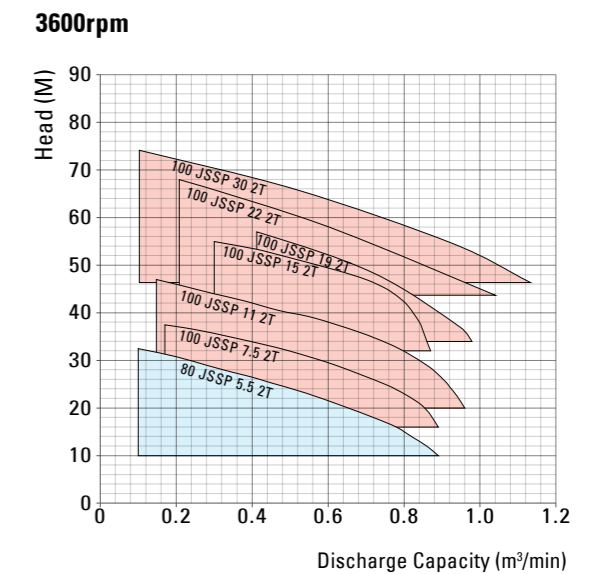
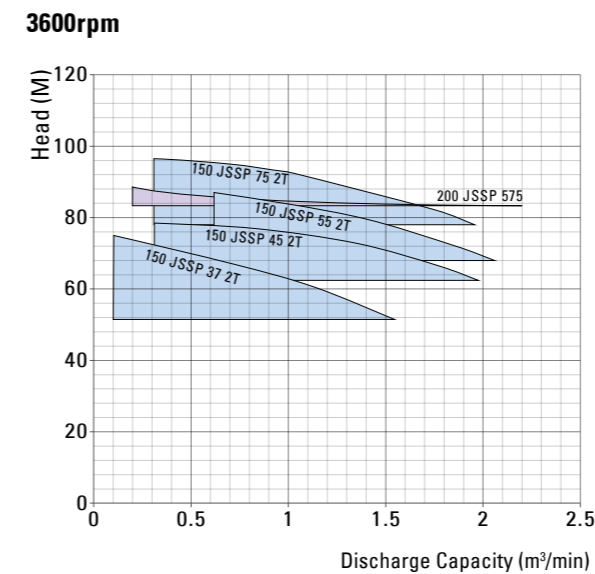
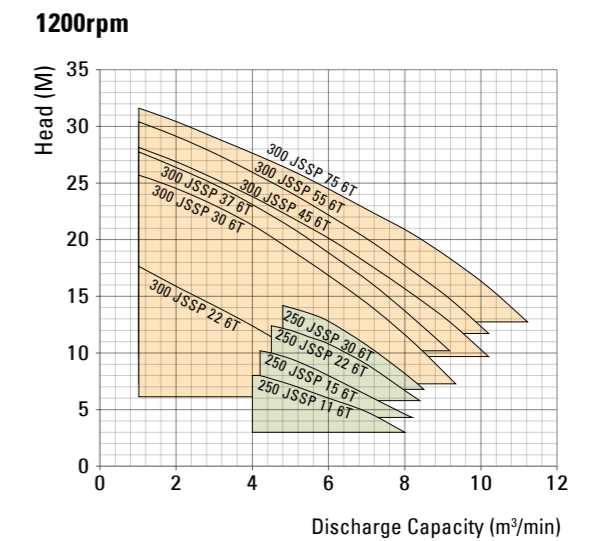
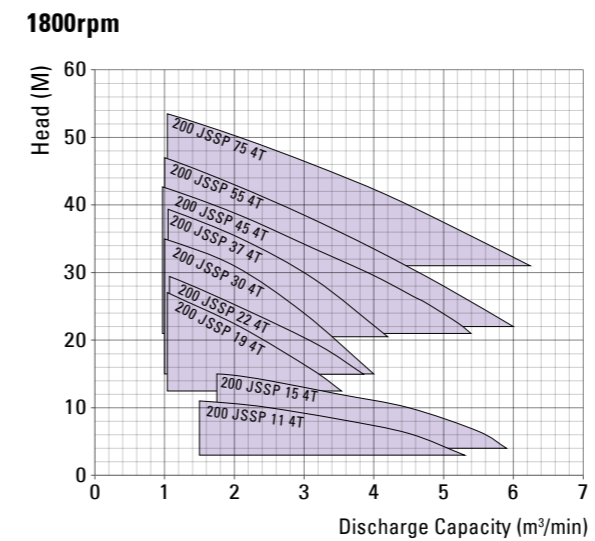
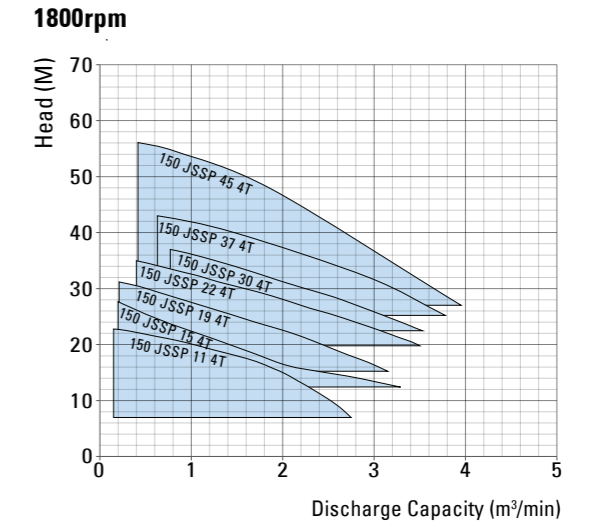
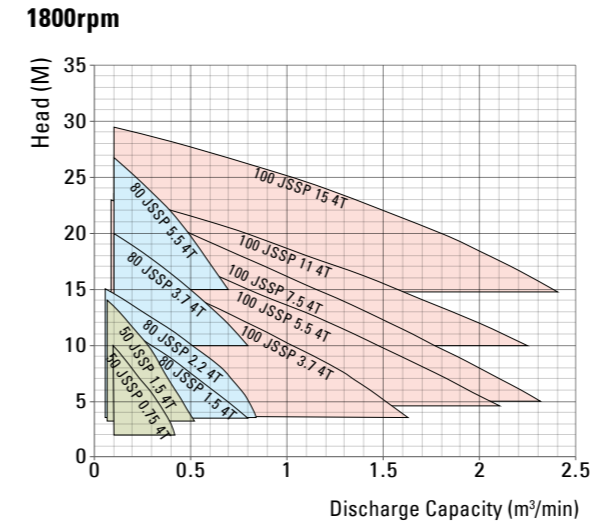
Bore (mm)	MODEL	Output (KW)	Head (M)	Capacity (m <sup>3</sup> /min)
50	50 JSSP .75 4T	0.75	8	0.2
	50 JSSP 1.5 4T	1.5	10	0.3
	80 JSSP 1.5 4T	1.5	7	0.5
80	80 JSSP 2.2 4T	2.2	10	0.5
	80 JSSP 3.7 4T	3.7	15	0.5
	80 JSSP 5.5 4T	5.5	25	0.2
100	100 JSSP 3.7 4T	3.7	10	1.0
	100 JSSP 5.5 4T	5.5	14	1.0
	100 JSSP 7.5 4T	7.5	16	1.0
	100 JSSP 11 4T	11	15	1.6
	100 JSSP 15 4T	15	20	1.8
	150 JSSP 11 4T	11	20	1.0
150	150 JSSP 15 4T	15	18	2.0
	150 JSSP 19 4T	19	25	1.4
	150 JSSP 22 4T	22	25	2.5
	150 JSSP 30 4T	30	30	2.2
	150 JSSP 37 4T	37	40	1.4
	150 JSSP 45 4T	45	40	2.6
200	200 JSSP 11 4T	11	7	4.0
	200 JSSP 15 4T	15	10	4.0
	200 JSSP 19 4T	19	20	2.4
	200 JSSP 22 4T	22	20	3.0
	200 JSSP 30 4T	30	20	3.4
	200 JSSP 37 4T	37	30	3.0
200	200 JSSP 45 4T	45	30	4.0
	200 JSSP 55 4T	55	30	4.5
	200 JSSP 75 4T	75	40	4.5

#### 1200rpm

Bore (mm)	MODEL	Output (KW)	Head (M)	Capacity (m <sup>3</sup> /min)
250	250 JSSP 11 6T	11	6	6.0
	250 JSSP 15 6T	15	8	6.0
	250 JSSP 22 6T	22	10	6.0
	250 JSSP 30 6T	30	12	6.0
300	300 JSSP 22 6T	22	10	5.0
	300 JSSP 30 6T	30	14	7.0
	300 JSSP 37 6T	37	14	8.0
	300 JSSP 45 6T	45	15	8.0
300	300 JSSP 55 6T	55	18	8.0
	300 JSSP 75 6T	75	20	8.4

#### 3600rpm

Bore (mm)	MODEL	Output (KW)	Head (M)	Capacity (m <sup>3</sup> /min)
80	80 JSSP 5.5 2T	5.5	30	0.16
	100 JSSP 7.5 2T	7.5	40	0.5
	100 JSSP 11 2T	11	40	0.6
100	100 JSSP 15 2T	15	28	1.4
	100 JSSP 19 2T	19	55	0.47
	100 JSSP 22 2T	22	60	0.5
	100 JSSP 30 2T	30	60	0.7
	150 JSSP 37 2T	37	65	0.9
	150 JSSP 45 2T	45	70	1.7
150	150 JSSP 55 2T	55	70	1.9
	150 JSSP 75 2T	75	82	1.5
	200 JSSP 75 2T	75	82	1.8



# JSCP

## JSCP

### SUBMERSIBLE SPIRAL CHOPPER PUMP

#### APPLICATIONS

- Wastewater treatment, septic tank treatment facility, manhole pumping station, relay pumping station, village sewage, miscellaneous sewage, etc.
- Designed for optimal sludge transport

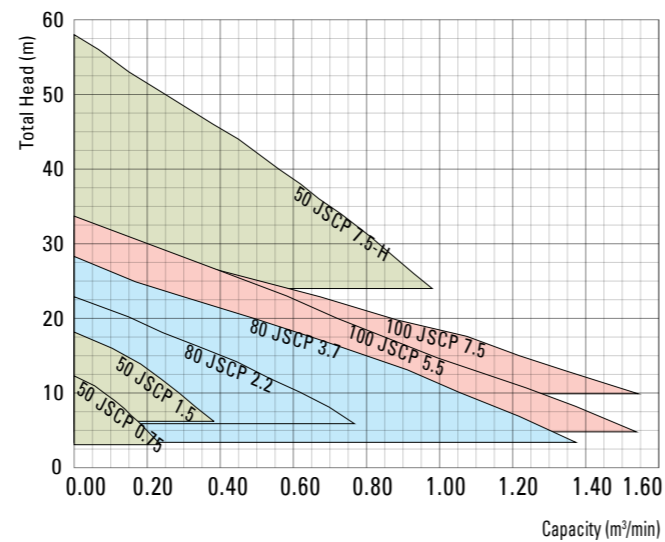
#### FEATURES

- Spiral impeller chopper system without restraint on foreign substances

#### STANDARD SPECIFICATION

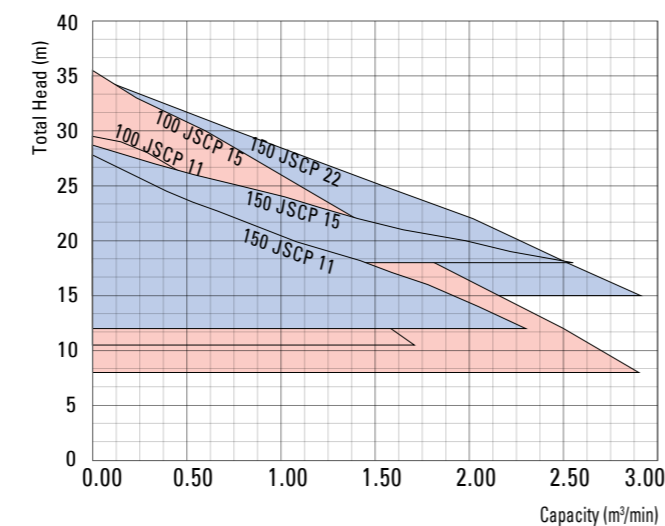
##### 3600rpm

Bore (mm)	MODEL	Output (KW)	Head (M)	Capacity (m <sup>3</sup> /min)
50	50 JSCP 0.75	0.75	9	0.10
	50 JSCP 1.5	1.5	15	0.15
80	80 JSCP 2.2	2.2	15	0.40
	80 JSCP 3.7	3.7	20	0.50
100	100 JSCP 5.5	5.5	20	0.70
	100 JSCP 7.5	7.5	20	0.85
50	50 JSCP 7.5-H	7.5	50	0.25



##### 1800rpm

Bore (mm)	MODEL	Output (KW)	Head (M)	Capacity (m <sup>3</sup> /min)
100	100 JSCP 11	11	20	1.00
	100 JSCP 15	15	26	1.00
150	150 JSCP 11	11	17	1.60
	150 JSCP 15	15	20	2.00
200	150 JSCP 22	22	25	1.50
	200 JSCP 30	30	20	4.00



\* Pump specifications and form may be changed without notice for quality improvement.  
\* For pumps other than those with the above specifications, please contact our technical department.

# JSA

## JSA-STANDARD 5.5-30[KW]

### SUBMERSIBLE AERATOR

#### APPLICATIONS

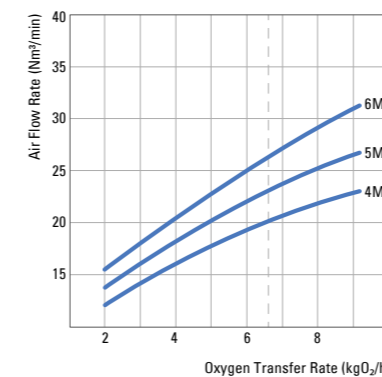
- For aeration (oxygen supply and mixing) in sewage and industrial wastewater treatment plants
- For mixing in anaerobic digesters and denitrification tanks

#### FEATURES

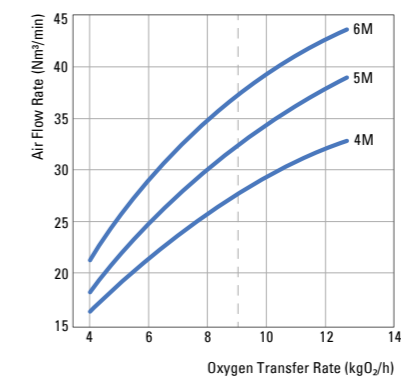
- Highly efficient design using the latest techniques for excellent oxygen transfer capability and minimal installation requirements
- Adjusts oxygen transfer capability through variable flow supply and continuous operation/intermittent operation
- Excellent load regulation ability according to the size of the aerator
- Can be used for mixing and aeration or a combination thereof
- Simple structure reduces chances of malfunction, easy maintenance, and long lifespan guaranteed
- Cost-saving installation with sliding installation method connected to air supply pipe and self-supporting installation with hose connection



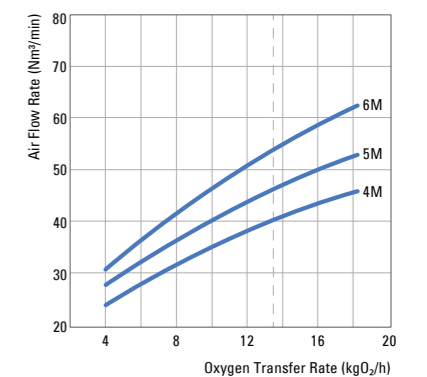
JSA 5.5T



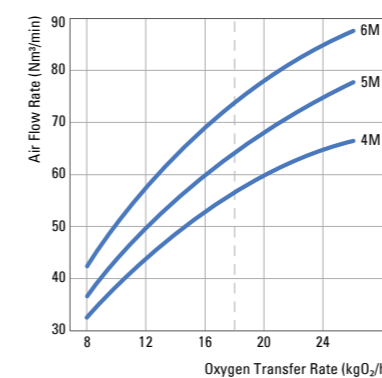
JSA 7.5T



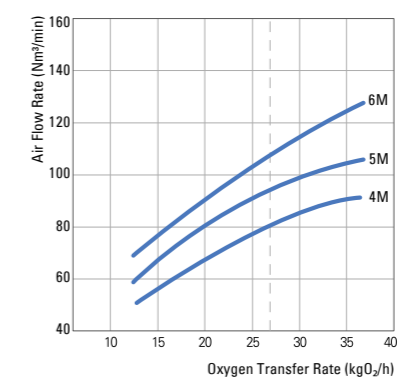
JSA 11T



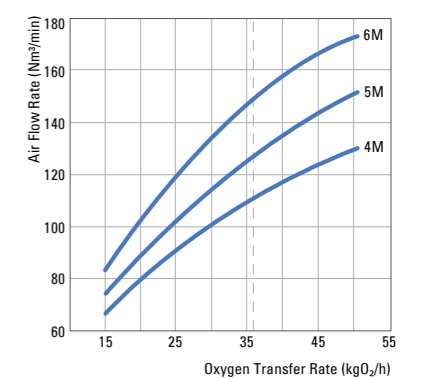
JSA 15T



JSA 22T



JSA 30T



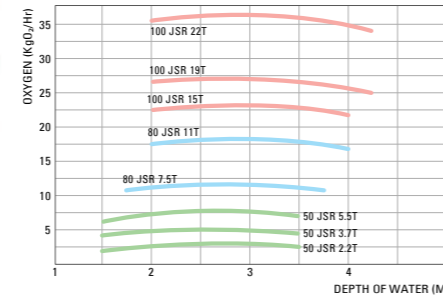
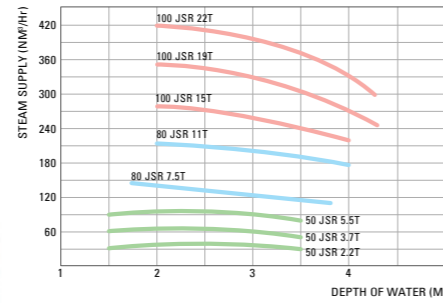
The above graph shows the oxygen transfer rate under commercial power supply and clean water conditions (20 °C, MLDO (dissolved oxygen) = 0). The values may vary by approximately 10% depending on water temperature, tank configuration, and influent conditions; therefore, caution should be exercised when selecting equipment. The dashed line indicates the standard air flow rate.

## JSR-STANDARD 2.2-22[KW]

SUBMERSIBLE AERATOR, 4 POLE

### APPLICATIONS

- Aeration for industrial waste water, excreta, sewage.
- Aeration in lake, reservoir, fish farm.
- Aeration in septic tank of A.P.T, building, industrial factory.



### FEATURES

- Effective air solution by means of self-air suction.
- Powerful agitator to mix, compact construction to maximize effect of minute air-bubble occurrence.
- Increase durability with 4 pole motor, directly connected to shaft.
- Motor protector built in.
- Perfect watertight with double mechanical seal.

Bore (mm)	MODEL	Output (KW)	Water Depth (M)	Air Flow Rate (NM³/Hr)	Oxygen Transfer Rate (KgO₂/Hr)	Main Flow (M)	Secondary Flow (M)
50	50 JSR 2.2T	2.2	3	36	1.8 - 2.8	2.5	5.0
	50 JSR 3.7T	3.7	3	60	3.5 - 5.0	3.0	6.0
	50 JSR 5.5T	5.5	3	90	5.5 - 7.7	3.5	7.0
80	80 JSR 7.5T	7.5	3	125	8.2 - 11.3	4.5	9.0
	80 JSR 11T	11	3	200	13.0 - 18.0	5.0	10.0
100	100 JSR 15T	15	3	260	17.0 - 23.0	5.5	11.0
	100 JSR 19T	19	3	330	20.0 - 27.0	6.0	12.0
	100 JSR 22T	22	3	400	24.0 - 36.0	6.0	12.0

## JSX-2.2-15[KW]

SUBMERSIBLE MIXER



### APPLICATIONS

- Fish farm / Farm
- Maintain optimal conditions for aquaculture, including effective oxygen supply, freezing prevention, and temperature control.
- Sewage wastewater or sewage treatment plant
- Agitation of sewage wastewater sediments and various sediments
- Homogenization and agitation to prevent sedimentation of fertilizers, compost, manure, etc. Industrial factory
- Stirring to prevent precipitation of small solids such as lime, sand, etc.

### FEATURES

- It can be operated in all directions, up, down, left, and right, and is highly effective in homogenizing and preventing sedimentation of sewage and liquid nutrient solutions.
- Used with AIR DIFFUSER, etc.
- Doubles the oxygen supply capacity by lengthening the oxygen dissolution time.

MODEL	Output (KW)	(R.P.M)	Maximum Velocity (M/S)	Maximum Treatable Tank Volume (M3)	Maximum Mixing Range (M)
JSX 2.2T	2.2	1750	0.5	150	15
JSX 3.7T	3.7		0.5	200	20
JSX 5.5T	5.5		0.5	300	30
JSX 7.5T	7.5	1165	0.5	500	35
JSX 11T	11		0.5	600	40
JSX 15T	15		0.5	800	45

## JSGP-5.5-75[KW]

GATE PUMP



V Type (Vertical)



H Type (Horizontal)

### APPLICATIONS

- Small and medium-sized pumping stations
- Large-capacity drainage, irrigation/agricultural water
- For flood control and other flood prevention
- Medium and large-scale sewage treatment plants (advanced treatment)
- For circulation in water parks, lakes, and other water play facilities

### FEATURES

- Adopts a high-efficiency propeller design.
- Simple structure for easy handling and maintenance.
- Low head, high-flow design for versatile application.
- No need for auxiliary equipment (piping, valves, etc.).
- VVVF (inverter-controlled) motor.
- Integrated safety devices ensure safe operation.
- Automatic mounting and dismounting system for easy installation and lifting.

DFR : Discharge Flow Rate

Bore (mm)	DFR (m³/min)	Head (m)	Output (kw)	Poles (p)	R.P.M	Voltage (V)	MODEL	NOTE
300	10	1.8	5.5	8	875	Low Voltage	300JSGP5.5-8T	Directly connected to electric motor
		2.5	7.5	8	875		300JSGP7.5-8T	
400	20	1.9	11	10	700	400JSGP11-10T		
		2.6	15	8	875	400JSGP15-8T		
500	30	1.8	15	14	500	500JSGP15-14T		
		2.2	18.5	12	585	500JSGP18.5-12T		
		2.6	22	10	700	500JSGP22-10T		
600	45	1.8	22	16	435	600JSGP22-16T		
		2.5	30	14	500	600JSGP30-14T		
		3.1	37	12	585	600JSGP37-12T		
700	60	2.4	37	16	435	700JSGP37-16T		
		2.9	45	14	500	700JSGP45-14T		
		3.5	55	12	585	700JSGP55-12T		
800	80	2.7	55	16	435	700JSGP55-16T		
		3.7	75	14	500	700JSGP75-14T		

• The R.P.M may vary depending on field conditions (DFR, Head, etc).  
 • Products other than the standard specifications can be custom-made. (Maximum bore: 1,600 mm)  
 • Custom-made products are available for high voltages (3,300 V or 6,600 V).

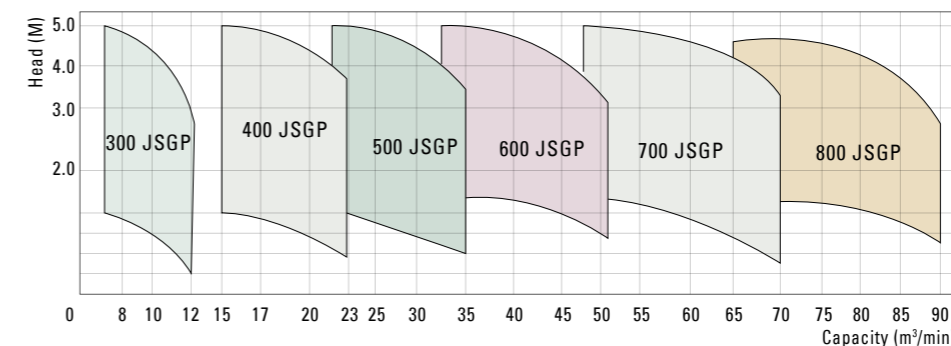
### H Type

Bore (mm)	Size (mm)			
	A	B	C	D
300	800	1600	800	750
400	1000	2000	1000	900
500	1200	2400	1200	1000
600	1350	2700	1350	1100
700	1500	3000	1500	1250
800	1650	3300	1650	1400

### V Type

Bore (mm)	Size (mm)			
	A	B	C	D
300	1000	2000	1500	900
400	1200	2400	1800	1100
500	1500	3000	2200	1400
600	1800	3600	2600	1500
700	2100	4200	3000	2000
800	2400	4800	3500	2200

• The dimensions shown are for reference only and may change depending on detailed design.  
 • Please contact us for detailed technical information.



## JSSX-2.2-15[KW]

SCREW MIXER

### APPLICATIONS

- Mixing in one direction, creating flow
- Stirring of Lagoon
- Activated Sludge Processes
- Denitrification + SBR

### FEATURES

- Non clogging screw impeller
- Almost maintenance-free
- Solid and compact design
- Low vibration
- Easy to install and remove
- Can be installed at any angle 0-180 degrees
- Fixed or variable water level possible



## JADC

- JEIL AUTO DISCHARGE CONNECTOR

SUBMERSIBLE WASTE WATER & SEWAGE PUMP



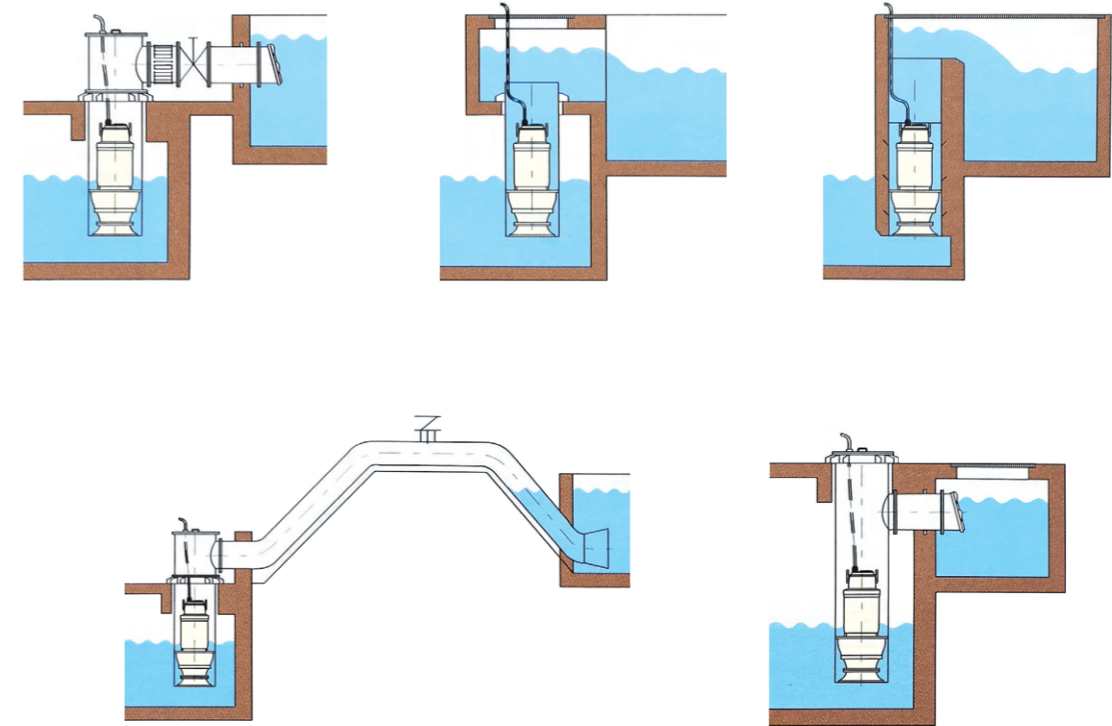
### APPLICATIONS

- Supplied as an optional item, the JEIL Automatic discharge connector(JADC) provides a quick and simple means for removal of the sub-pump from the sump for inspection or maintenance.
- This eliminates the need for personnel to enter the hazardous environment of sump.

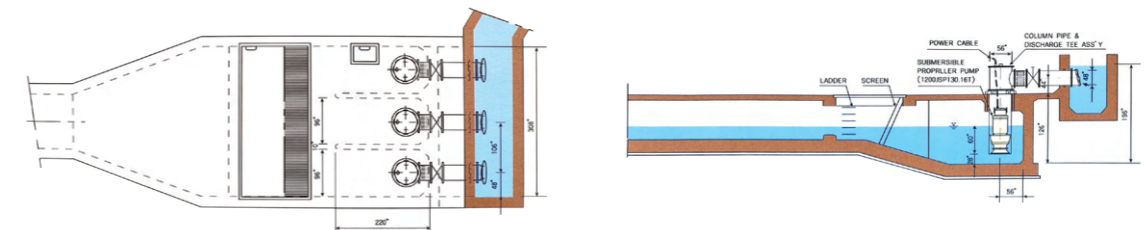
### FEATURES

- A detailed and concise design makes handling and installation easy.
- A simple structure makes maintenance easy.
- No special piping or housing required.

## INSTALLATION TYPES

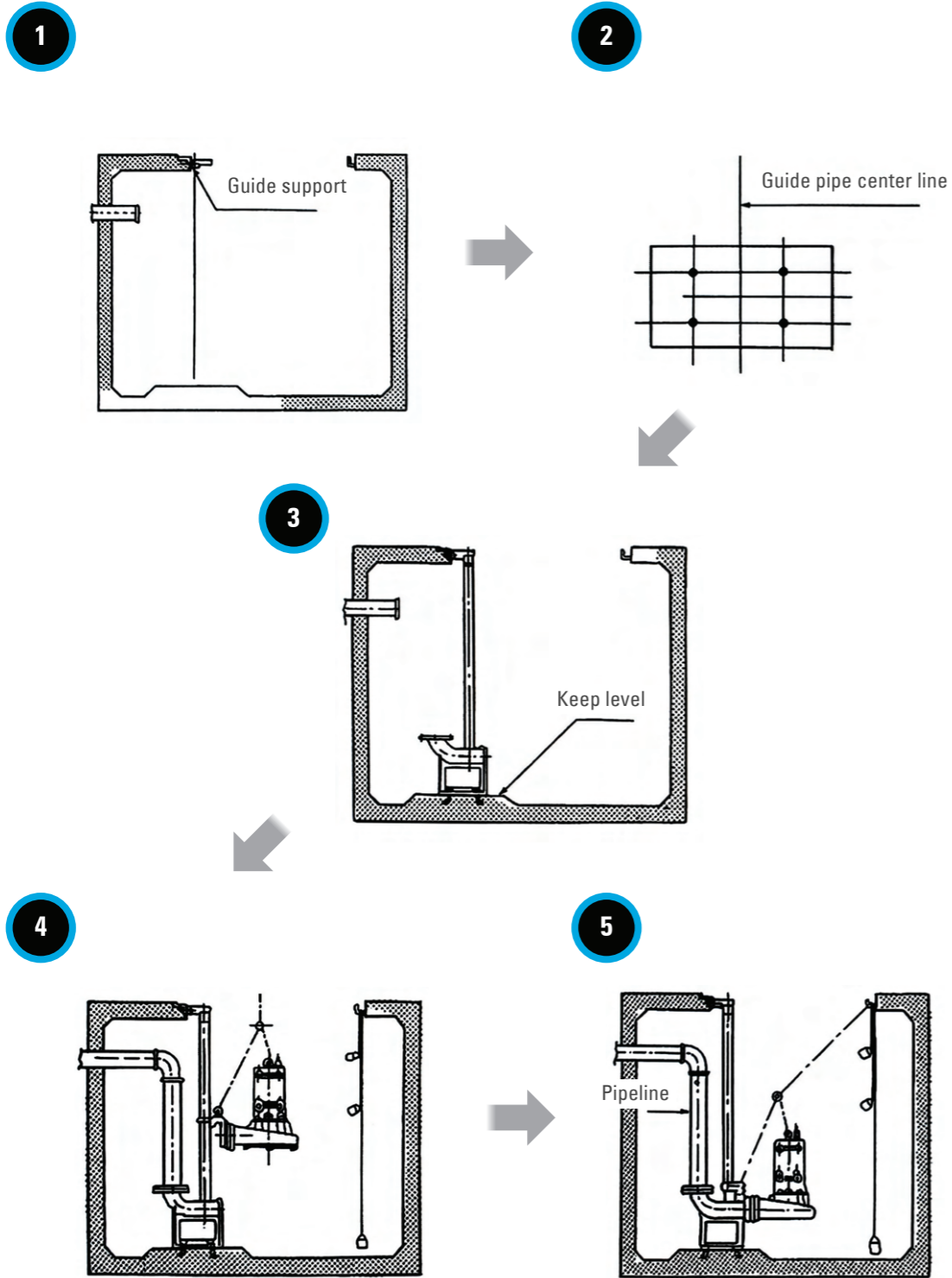


## INSTALLATION PREFIGURATION

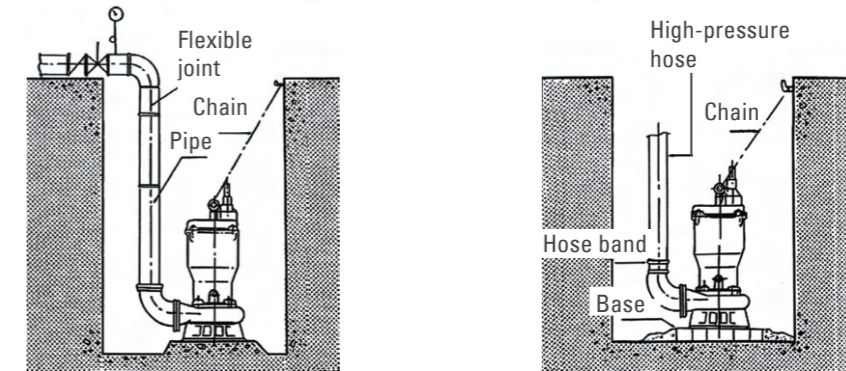


# HOW TO INSTALL & INSTALLATION TYPES

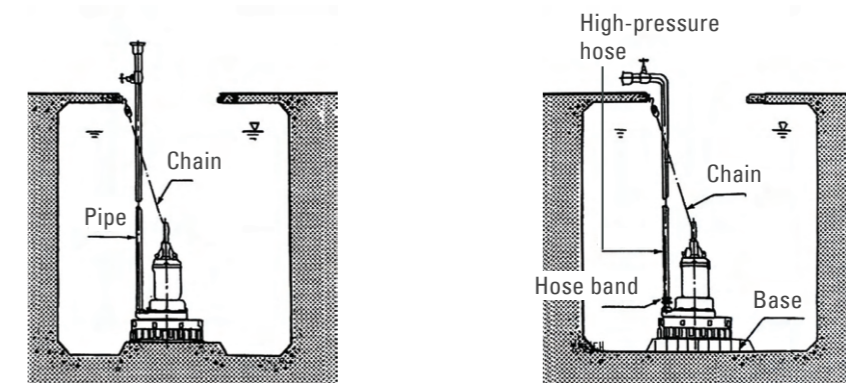
## INSTALLATION TYPE OF ADC (for pump)



## INSTALLATION TYPES OF SUBMERSIBLE PUMP



## INSTALLATION TYPES OF SUBMERSIBLE AERATOR



## INSTALLATION TYPES OF SUBMERSIBLE AQUATOR

