

[PRODUCTS OUTLINE]

SUBMERSIBLE PUMPS

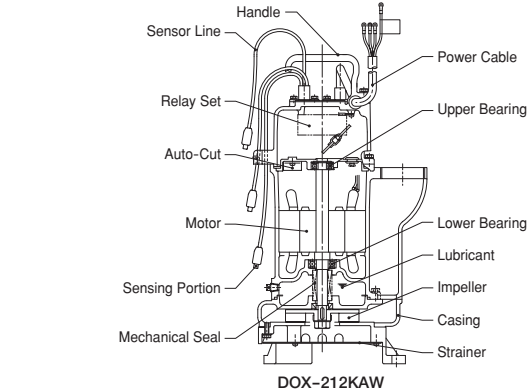
Submersible Techno Solution

Challenging problems to solve by means of submersible technology

Automatic-operated submersible dewatering pumps by means of capacitance mode sensor
Submersible dewatering pumps for automatic alternative operation

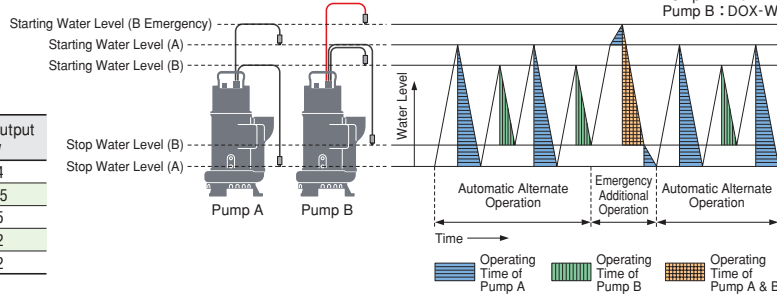
DOX/DOX-W Series

- Equipped with capacitance mode sensor;
- Sensor line is flexible type, easy to shift the shape to change the level of water;
- Sensors do not have On/Off difference, low level and high level shall be judged by means of programmable computer built in the terminal of the pump;
- It is possible to fix the sensing position by using the support bar.



Pump Models		Dis. Dia. mm	TDH m	Capacity m³/min	Motor Output kW
DOX Series	DOX-W Series				
DOX-40KBT	DOX-40KBTW	50	8	0.1	0.4
DOX-212KA	DOX-212KAW	50	10	0.2	0.75
DOX-222KC	DOX-222KCW	50	18	0.2	1.5
DOX-232KA	DOX-232KAW	50	20	0.3	2.2
DOX-233KC	DOX-233KCW	80	14	0.4	2.2

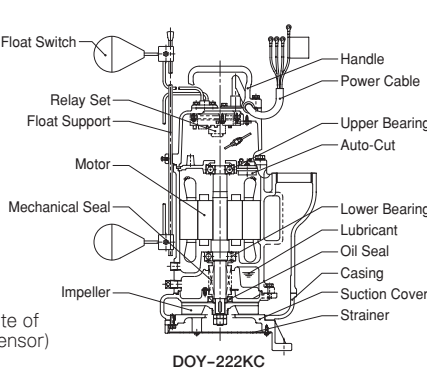
NOTE : Three phase, 380-415V.



Automatic-operated submersible sewage pumps
Automatic alternate operation for submersible sewage pumps

DOY/DOY-W Series

- Pumps for DOY series have settled the problems which conventional pumps with float switches used to have;
- Built-in micro-computer makes the pumps for versatile operation, saving energy and longer life of these pumps;
- Equipped with protector against getting stuck at the portion of these pumps;
- Long-life oriented changeover switch due to non-contact relay;
- Unaffected function by such a condition as of turbulent wave;
- Automatic distinction of upper and lower Float Switches;
- Optional sensing system is available in accordance with water quality, installing site of these pumps. (Interchangeable with float sensor)



Pump Models		Dis. Dia.	TDH	Capacity	Motor Output
DOY Series	DOY-W Series	mm	m	m³/min	kW
DOY-212KA	DOY-212KAW	50	10	0.2	0.75
DOY-222KC	DOY-222KCW	50	18	0.2	1.5
DOY-232KA	—	50	20	0.3	2.2
DOY-233KC	—	80	14	0.4	2.2

NOTE : Three phase, 380-415V.

Submersible Sewage Pumps

D Series

- Compact and light weight submersible sewage pumps;
- Simple in design and easy for check and maintenance as well as economical.



形式	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
D-212KA	50	10	0.2	0.75
D-222KC	50	18	0.2	1.5
D-232KA	50	20	0.3	2.2
D-233KC	80	14	0.4	2.2

NOTE : Three phase, 380-415V.

Non-Clog Type Submersible Sewage Pumps

DSN Series

- Non-clog type impeller is employed in order to protect the impeller from clogging;
- Longer life mechanical seal is employed for the shaft seal;
- There are two variations for these models: one in Flange Type (Self-standing type), the other in Quick Coupling Type so as to meet the need of customers;
- Drainage out of sewage water treatment plants, stock farms, food industries as well as irrigation works in agricultural industries.



Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
DSN-40AT(P)	50	5	0.2	0.4
DSN-21A(P)	50	8	0.2	0.75
DSN-22A(P)	65	10.6/10*	0.4	1.5
DSN-32A(P)	80	6/5	0.6	1.5
DSN-33C(P)	80	11/10.5*	0.6	2.2
DSN-35C(P)	80	14.5/16*	0.6	3.7
DSN-38C(P)	80	18.5/20*	0.6	5.5
DSN-43C(P)	100	6.5/6*	1.1	2.2
DSN-45C(P)	100	10	1.1	3.7
DSN-48C(P)	100	14	1.1	5.5
DSN-410C(P)	100	17/18*	1.1	7.5
DSN-415C(P)	100	23/24*	1.1	11
DSN-65B(P)	150	4/7.5*	2.4	3.7
DSNv68B(P)	150	6/8*	2.4	5.5
DSN-610B(P)	150	11/10.5*	2.4	7.5
DSN-615B(P)	150	15	2.4	11

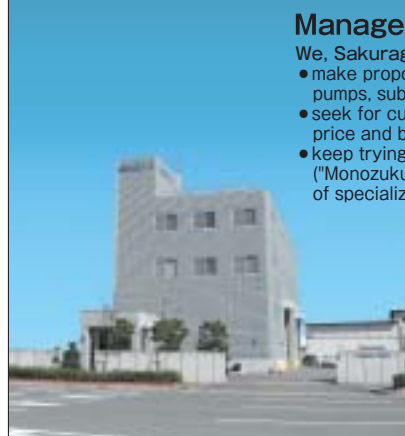
NOTE : Three phase, 380-415V. *Figures in the left=50Hz / in the right=60Hz



Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
DSN-630B(P)	150	22/25*	2.4	22
DSN-88B(P)	200	4/4.5*	4.5	5.5
DSN-810B(P)	200	6/7.3*	4.5	7.5
DSN-815B(P)	200	9.5/8.5*	4.5	11
DSN-820B(P)	200	14/13*	4.5	15
DSN-830B(P)	200	18/19*	4.5	22
DSN-850B(P)	200	27/26*	4.5	37
DSN-1010A(P)	250	4	7	7.5
DSN-1020B(P)	250	8	7	15
DSN-1030B(P)	250	12/13*	7	22
DSN-1050A(P)	250	22	7	37
DSN-1230A(P)	300	8.5	11	22
DSN-1250A(P)	300	12/12.5*	11	37
DSN-1260A(P)	300	14/15*	11	45
DSN-1430A(P)	350	7	14	22
DSN-1450A(P)	350	10.5	14	37



Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
DSN-1460A(P)	350	12.5/13*	14	45
DSN-1630A(P)	400	4.5	18	22
DSN-1640A(P)	400	6.5	18	30
DSN-1650A(P)	400	8/7.5*	18	37
DSN-1660A(P)	400	10	18	45
DSN-2050A(P)	500	5	30	37
DSN-2075(P)	500	7.3	30	55
DSN-20100(P)	500	10	30	75
DSN-2450(P)	600	3	45	37
DSN-2475(P)	600	5	45	55
DSN-24100(P)	600	6.7	45	75
DSN-2875(P)	700	3.5	60	55
DSN-28100(P)	700	5.5	60	75
DSN-32100(P)	800	4	75	75
DSN-32120(P)	800	5	70	90



Management Policy:
We, Sakuragawa Pump Mfg. Co., Ltd.,
• make proposals for any kind of liquid transfer by means of submersible pumps, submersible machineries;
• seek for customer satisfaction through the latest technology, proper price and better quality;
• keep trying to contribute to society through our production ("Monozukuri") in terms of energy-saving in ecological manner as a role of specialized Technical Group.

Quality-wise Policy:
• We seek for customer satisfaction with better quality. (Obtained ISO9001 Standards)

Environmental Policy:

- We aim for making our products easy for the Earth through production of submersible pumps. We keep trying to preserve the environment of the earth with participation of all of our work force, taking economical aspect into account. (Obtained ISO 14001 Standards)



Fukui factory

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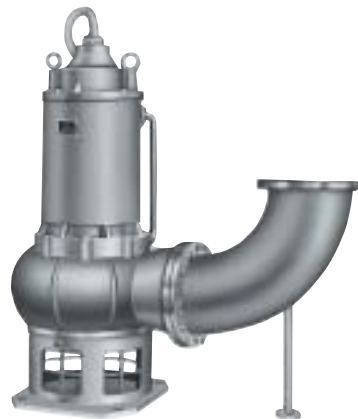
SAKURAGAWA submersible pumps are playing the role of fluid transfer at every kind of dewatering site.



Submersible High-Capacity Pumps

F Series

- Non-clog type impellers are employed;
- Clog-free and suitable for drainage of high volume of water efficiently;
- Suitable for drainage out of agricultural irrigation sites, livestock industries, various kinds of plant as well as constructions in rivers, flood-control projects, etc.



F-1450A



Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
F-810B	200	6/7.3*	4.5	7.5
F-815B	200	9.5/9*	4.5	11
F-1010A	250	4	7	7.5
F-1020B	250	8	7	15
F-1030B	250	12/13*	7	22
F-1230A	300	8.5	11	22
F-1250A	300	12/12.5*	11	37
F-1260A	300	14/15*	11	45
F-1430A	350	7	14	22
F-1450A	350	10.5	14	37
F-1460A	350	12.5/13*	14	45
F-1630A	400	4.5	18	22
F-1650A	400	8/7.5*	18	37
F-1660A	400	10	18	45

NOTE : Three phase, 380-415V. *Figures in the left=50Hz / in the right=60Hz

Submersible Mixed-Flow Pumps

H Series

- Mixed-flow pumps designed to operate for handling a large volume of water at middle TDH;
- Suitable for drainage of rain water through plumbing, surge and flooding protection, transferring water in and from industrial plants, factories and agricultural fields.



H-2475

Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
H-1220	300	5.5	11	15
H-1230	300	8	11	22
H-1240	300	11	11	30
H-1430	350	5.5	15	22
H-1440	350	8	15	30
H-1450	350	11	14	37
H-1640	400	5.5	20	30
H-1650	400	8	20	37
H-1675	400	11.5	19	55
H-2050	500	5.3	28	37
H-2075	500	7.5	30	55
H-20100	500	10	30	75
H-2475	600	5.5	40	55
H-24100	600	6.5	44	75
H-24120	600	9	42	90

Submersible Stainless Steel Pumps

J Series

- Specially designed for drainage or transferring liquid containing corrosive substances;
- Mechanical seals made of tungsten carbide, resistant to acid and chemicals for the shaft seal are employed;
- J-F Series is also available with the flange and the pump stand included in standard version;
- Suitable for drainage or dewatering from chemical plants, metallic plants or steel mills, etc.



J-212C



J-222A



J-283AF

Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
J-40C*	50	8	0.1	0.4
J-40CT	50	8	0.1	0.4
J-212C	50	10	0.2	0.75
J-222A	50	15	0.2	1.5
J-253A	80	17	0.5	3.7
J-283A	80	25	0.5	5.5
J-2104A	100	25	1	7.5
J-2154A	100	33	1	11

NOTE : * Single phase, 220-240V. Other models: Three phase, 380-415V.

Submersible Axial-Flow Pumps

G Series

- Axial-flow type type submersible pumps especially designed for drainage of high volume of water to lower head;
- Stationary use for large volume of water supply and sewerage for agriculture and industrial area as well as flood protection works.



G-2030



Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
G-1210	300	2.5	10	7.5
G-1215	300	4	11	11
G-1415	350	3	15	11
G-1420	350	4	15	15
G-1620	400	3	20	15
G-1630	400	4	22	22
G-2030	500	3	30	22
G-2040	500	4	30	30
G-2240	550	3	40	30
G-2250	550	4	38	37
G-2450	600	3.2	47	37
G-2460	600	4.1	45	45
G-2860	700	3	50	45
G-2875	700	3.5	60	55
G-3275	800	2.5	80	55
G-32100	800	3	90	75

NOTE : Three phase, 380-415V.



Submersible Flame-Proof Pumps

UE Series

- Safety-minded high quality products, obtained the approval for Flame-proof standards in conformity with Japanese Flame-proof Standards only;
- Suitable for dewatering out of petro-chemical plants or inflammable areas.

Pump Models	Dis. Dia. mm	TDH m	Capacity m ³ /min	Motor Output kW
UE-40	50	5	0.2	0.4

NOTE : Three phase, 380-415V.



UE-40

■ Flame-proof Structure in conformity with the Standards in Japan

Pump Models	Classification
UE-40	d2 G3

