



ISO9001



ISO14001



ISO45001

U-K/D-K

SUBMERSIBLE SEWAGE PUMP





U-K



Vortex Impeller



D-K



Single Channel Impeller

TECHNICAL DATA

- Impeller Type: Vortex; Single channel
- Solid Handling: 2-4 inch
- Nominal Power: .6-15 HP
- Insulation Class: F
- Protection Class: IP68
- Water Temperature: up to 104 °F
- PH: 6-10
- Outlet: DN 50/65/80/100/150
- Capacity: up to 1,000 gpm
- Head: up to 131 ft
- Motor Protection: ≤10HP built in
- Cable length:

≤3HP, 26ft

>3HP, 33ft

Feature & Construction

- Pump body is made of cast iron and with high solids epoxy coating which offers the highest quality and performance. Triangular handle is designed for easy handling on Guide Rail System, ensuring proper handling and protecting the sealing of auto-coupling. Double mechanical seals, with SiC at the pump side.
- Vortex Impeller with maximum solids handling with new non-clogging shape, single channel impeller with large passageway and high efficiency. DN 50-150(PN6-PN10) radial slot EN 1092-1 flange discharge.
- Premium efficiency cage asynchronous motor. Lubricated-for-life bearing, Stainless steel shaft. Designed with high resistance fatigue fracture.
- The entire series can be optionally equipped with a mechanical seal chamber humidity sensor (oil-water probe) and a double metal switch in the stator winding. If there is a leakage in the mechanical seal or overheating in the stator winding, an inspection alarm will be triggered.

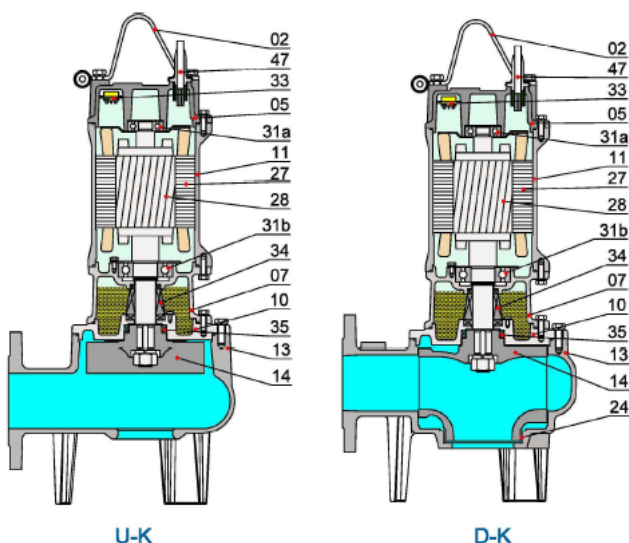
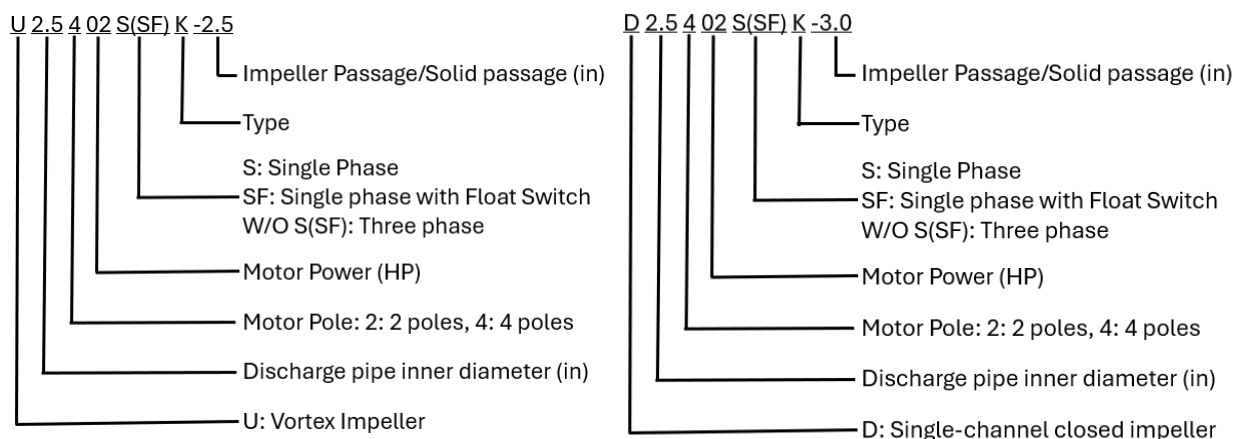
U-K/D-K SUBMERSIBLE SEWAGE PUMPS



Applications

- Residential buildings, hospitals, commercial buildings and household usages.
- Livestock farming, pig farming, dairy farming and sewage treatment.
- Food industry, pulp and paper industry, mining, dyeing and finishing factory, leather factory, steel manufacturer, electronics industry and wastewater treatment.
- Hydraulic engineering and flood control.
- Sanitary sewer pumping.

Model description



Materials of components

Item No.	Part name	Material
02	Handle	Steel
05	Upper cover	Cast iron
07	Bearing house	Cast iron
10	Seal bracket	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14	Impeller	2P Model : Cast iron 4P Model : Ductile iron
24	Neck ring	AISI304SS
27	Stator	
28	Rotor	Shaft : AISI304SS D-K5.5/7.5 : AISI420SS
31a	Bearing	Ball bearing (NSK)
31b	Bearing	Ball bearing (NSK)
33	Motor protector	≤7.5kW built in
34	Mechanical seal	Sic-Sic/Carbon-Ceramic
35	Oil seal	
47	Cable	

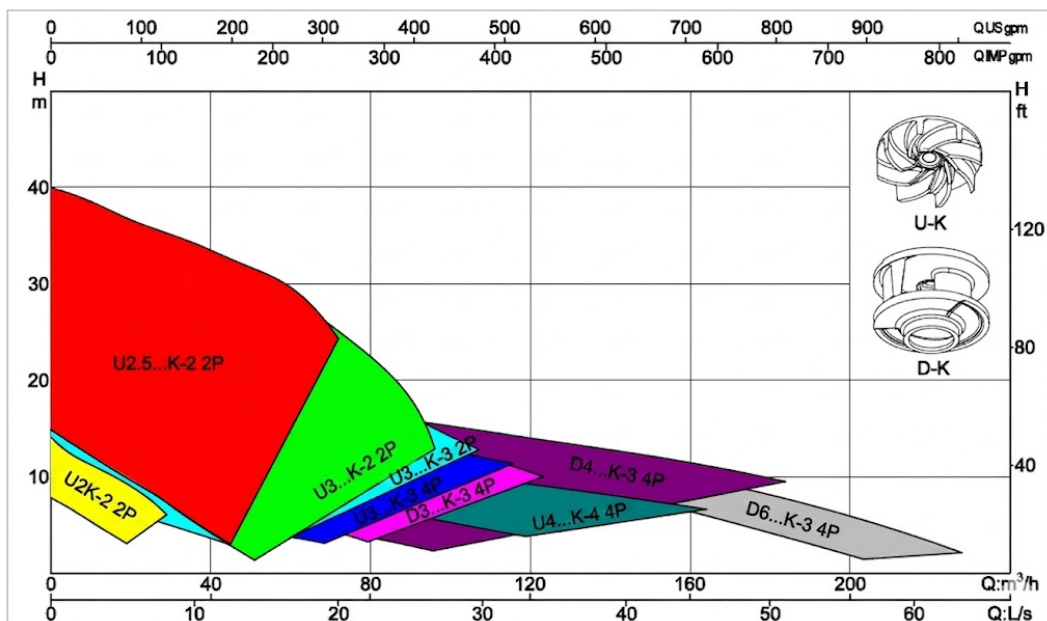
Instructions for selecting sensors for electric pump control function

Option 1	Thermal switch (stator)	WIO sensor (seal house)
Option 2	PT100 (stator)	WIO sensor (seal house)

WIO sensor: Water-in-oil sensor

GRAPHIC SELECTION TABLE

The performance curves are based on kinematic viscosity values=1 mm²/s and density equal to 1000kg/m³. Curve tolerance according to ISO 9906.



U2...K-2 2P

Model	M ³ /hr	1.5	3	1.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5	21	22.5	24
Model	GPM	6.6	13.2	6.6	26.4	33	39.6	46.2	52.8	59.4	66	72.6	79.2	85.8	92.4	99	106
U22.6(S)K-2	H (ft)	25.9	24.6	23.3	22.0	21.3	19.4	18.0	16.7	15.4	14.1	12.8	11.5				
U221(S)K-2		33.5	31.8	30.2	28.5	27.6	25.9	24.3	23.0	21.6	20.3	19.4	18.0	16.7	15.4	14.1	
U222(S)K-2		46.6	44.6	43.0	41.7	40.3	39.4	38.4	37.4	36.1	35.1	34.1	32.8	31.5	30.2	28.9	27.2

U2.5...K-2 2P

Model	M ³ /hr	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45	49.5	54	58.5	63	67.5	72
Model	GPM	19.8	39.6	59.4	79.2	99	118.8	138.6	158.4	178.2	198	217.8	237.6	257.4	277.2	297	316.8
U2.522(S)K-2	H (ft)	45.9	41.7	38.0	34.1	29.5	24.6	19.7	15.1	10.8							
U2.523K-2		54.4	51.2	47.6	44.6	40.7	36.4	31.8	27.2	25.3	18.4	14.1					
U2.525K-2		77.7	77.7	75.4	73.1	70.5	67.9	64.6	61.0	56.7	51.8	47.2	42.3	37.7	32.5	28.5	
U2.527.5K-2		89.5	87.2	85.0	82.3	79.7	77.1	74.1	70.8	67.2	63.3	59.4	54.8	49.5	44.0	37.1	29.2
U2.5210K-2		107.6	104.3	101.0	97.7	94.5	91.5	88.2	85.3	82.3	79.0	75.8	72.2	68.2	63.0	55.4	42.0
U2.5215K-2		127.3	124.3	121.4	118.7	116.1	113.5	110.9	108.2	105.3	102.7	100.0	97.1	94.1	89.9	83.3	69.5

U3...K-2 2P

Model	M ³ /hr	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
Model	GPM	26.4	52.8	79.2	106	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2	369.6	396
U322(S)K-2	H (ft)	44.6	39.4	34.1	27.9	21.0	14.8	8.5								
U323K-2		54.8	47.9	43.3	38.7	34.8	26.6	20.7	14.8	9.5						
U325K-2		76.4	73.1	69.2	65.3	60.7	55.8	49.9	43.3	37.1	30.2	22.3	13.1			
U327.5K-2		88.9	85.3	81.7	77.4	73.1	68.2	63.0	57.4	51.8	45.6	37.7	27.2			
U3210K-2		100.7	96.8	93.2	89.5	85.9	82.3	78.4	73.5	68.6	62.6	56.1	49.5	42.3	35.1	27.6
U3215K-2		125.6	121.4	117.4	113.8	110.5	107.6	104.3	100.4	96.1	92.4	86.6	81.0	74.1	65.9	55.8

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U3...K-3 2P

Model	M ³ /hr GPM	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
U322(S)K-3	H (ft)	26.4	52.8	79.2	105.6	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2	369.6	396	422.4
U323K-3		26.9	23.9	21.3	18.7	16.1	13.4	10.8	7.9								
U325K-3		34.1	31.5	28.9	25.9	22.6	19.7	16.7	13.8	10.5							
U327.5K-3		54.4	51.8	49.2	46.6	44.0	40.7	37.7	34.1	30.2	26.2	22.6	19.0	15.4	106.5	93.6	
U3210K-3		69.2	65.9	62.6	59.7	56.7	53.5	50.2	46.6	42.6	38.7	34.8	30.8	27.2	23.3	18.7	
U3215K-3		88.2	84.0	80.0	75.8	71.5	67.2	62.3	58.7	54.4	50.2	46.2	42.3	38.7	35.1	31.8	28.9

U3...K-3 4P

Model	M ³ /hr GPM	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
U342(S)K-3	H (ft)	26.4	52.8	79.2	105.6	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2	369.6	396	422.4
U343K-3		26.9	23.9	21.3	18.7	16.1	13.4	10.8	7.9								
U345K-3		34.1	31.5	28.9	25.9	22.6	19.7	16.7	13.8	10.5							
U347.5K-3		54.4	51.8	49.2	46.6	44.0	40.7	37.7	34.1	30.2	26.2	22.6	19.0	15.4	106.5	93.6	
U3410K-3		69.2	65.9	62.6	59.7	56.7	53.5	50.2	46.6	42.6	38.7	34.8	30.8	27.2	23.3	18.7	
U3415K-3		88.2	84.0	80.0	75.8	71.5	67.2	62.3	58.7	54.4	50.2	46.2	42.3	38.7	35.1	31.8	28.9

U4...K-4 4P

Model	M ³ /hr GPM	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
U445K-4	H (ft)	39.6	79.2	118.8	158.4	198	237.6	277.2	316.8	356.4	396	435.6	475.2	514.8	554.4	594	633.6
U447.5K-4		35.8	34.4	33.1	31.7	29.8	27.9	26.2	23.9	22.0	20.0	17.7	15.4	0.0	0.0	0.0	0.0
U4410K-4		42.0	41.0	39.4	38.0	36.7	35.1	33.5	31.8	29.8	27.9	25.9	24.3	22.3	20.7	18.7	16.7
U4415K-4		47.2	45.6	44.3	43.0	41.7	40.3	39.0	37.7	36.4	35.1	33.8	32.1	30.8	29.2	27.6	25.9

D3...K-3 4P

Model	M ³ /hr GPM	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
D342(S)K-3	H (ft)	26.4	52.8	79.2	105.6	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2	369.6	396	422.4
D343K-3		32.1	29.8	27.6	25.6	24.3	22.6	21.3	20.0	18.4	17.1	15.4	14.1				
D345K-3		40.3	38.0	35.8	33.8	31.8	29.8	28.5	27.2	25.9	24.6	23.3	22.0	20.3	19.0		
D3410K-3		55.8	53.1	50.8	48.5	46.6	44.3	42.3	40.7	39.0	37.4	36.1	34.8	33.5	32.1	30.5	28.9

D4...K-3 4P

Model	M ³ /hr GPM	9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144
D442(S)K-3	H (ft)	39.6	79.2	118.8	158.4	198	237.6	277.2	316.8	356.4	396	435.6	475.2	514.8	554.4	594	633.6
D443K-3		31.2	27.6	24.9	22.6	20.7	18.4	16.1	14.1	11.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0
D445K-3		38.7	35.4	32.5	29.8	27.9	25.6	23.6	21.6	19.4	17.4	15.1	13.1	0.0	0.0	0.0	0.0
D447.5K-3		53.5	49.9	46.6	43.6	41.0	38.0	35.4	32.8	31.5	29.5	27.6	25.3	22.6	19.7	16.7	0.0
D4410K-3		63.0	60.4	57.7	55.4	53.5	51.5	49.5	47.2	44.9	42.6	40.7	38.4	36.4	34.4	32.1	29.5
D4415K-3		74.5	70.8	67.2	64.0	61.0	58.7	56.7	55.1	53.5	51.8	50.2	48.5	46.6	44.6	43.0	41.0

D6...K-3 4P

Model	M ³ /hr GPM	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
D647.5K-3	H (ft)	26.4	52.8	79.2	105.6	132	158.4	184.8	211.2	237.6	264	290.4	316.8	343.2	369.6	396	422.4
D6410K-3		35.8	58.1	34.4	50.8	48.2	45.3	42.0	38.7	35.8	32.8	29.5	26.2	22.3	18.0	13.8	9.2



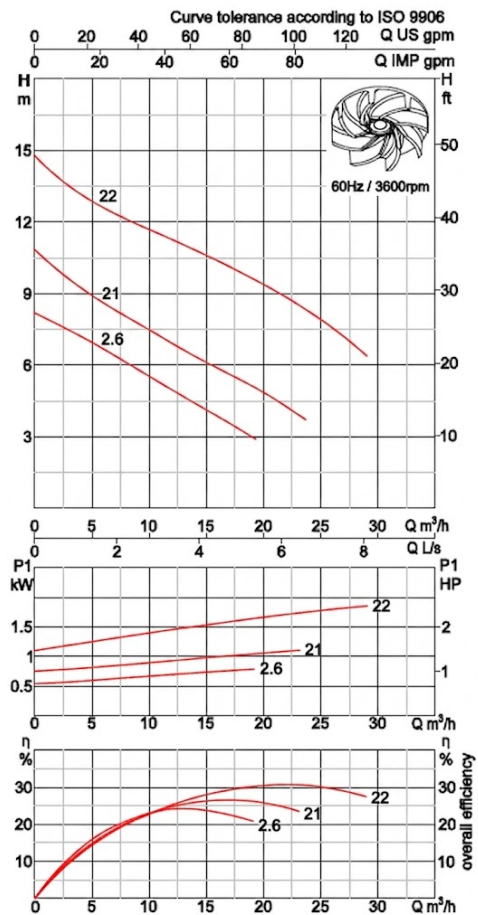
U-K/D-K SUBMERSIBLE SEWAGE PUMPS



U22.6K-2
U22.6SK-2
U221K-2
U221SK-2

U222K-2
U222SK-2

Model	M ³ /hr GPM	3	6	9	12	15	18	21	24
U22.5(S)K-2	H	24.6	22.0	19.4	16.7	14.1	11.5	0.0	0.0
U221.0(S)K-2	(ft)	31.8	28.5	25.9	23.0	20.3	18.0	15.4	0.0
U222(S)K-2		44.6	41.7	39.4	37.4	35.1	32.8	30.2	27.2



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg) Packing (mm)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch							
U22.50K-2	0.45	0.6	60.0	2.0	12-5'	3.3-5	19-8'	5.3-8'	50.0	2.0	20.5 530x240x210	Full Load Ampere	5.1	2.6	1.5	1.3	1.1
U22.50K-2	0.5	0.6	50.0	2.0	12-5'	3.3-5	19-8'	5.3-8'	50.0	2.0	20.5 530x240x210		6.4	3.5			
U221K-2	0.8	1.0	50.0	2.0	15-6	4.2-6	23-11'	6.4-11'	50.0	2.0	21 530x240x210		6.6	3.6	2.0	1.7	1.5
U221SK-2	0.8	1.0	50.0	2.0	15-6	4.2-6	23-11'	6.4-11'	50.0	2.0	22 230x240x210		9.5	5.2			
U222K-2	1.5	2.0	50.0	2.0	18-10	5-10'	29-15'	8.1-15'	50.0	2.0	25 686x240x210		11.2	6.1	3.5	3.0	2.6
U222SK-2	1.5	2.0	50.0	2.0	18-10	5-10'	29-15'	8.1-15'	50.0	2.0	27 585x240x210		18.3	10.0			



U-K/D-K SUBMERSIBLE SEWAGE PUMPS



U2.522K-2
U2.523K-2



U2.522SK-2

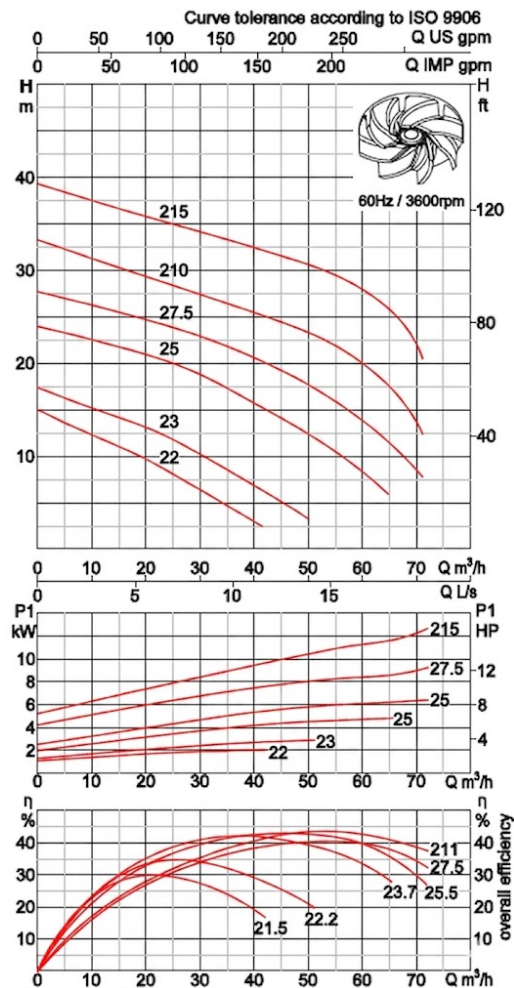


U2.525K-2
U2.527.5K-2



U2.5210K-2
U2.5215K-2

Model	M ³ /hr GPM	9	18	27	36	45	54	63	72
U2.522(S)K-2	H	41.7	34.1	24.6	15.1				
U2.523K-2	(ft)	51.2	44.6	36.4	27.2	18.4			
U2.525K-2		75.4	70.5	64.6	56.7	47.2	37.7	26.6	
U2.527.5K-2		87.2	82.3	77.1	70.8	63.3	54.8	44.0	29.2
U2.5210K-2		104.3	97.7	91.5	85.3	79.0	72.2	63.0	42.0
U2.5215K-2		124.3	118.7	113.5	108.2	102.7	97.1	89.9	69.5



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg) Packing (mm)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch							
U2.522K-2	1.5	2.0	65.0	2.5	21-9.5'	5.8-9.5	42-15.5	12-15.5	50.0	2.0	30 610X240X335	Full Load Ampere	11.2	6.1	3.5	3.0	2.6
U2.522SK-2	1.5	2.0	65.0	2.5	21-9.5'	5.8-9.5	42-15.5	12-15.5	50.0	2.0	37 660X240X335		18.3	10.0			
U2.523K-2	2.2	3.0	65.0	2.5	21-13	5.8-13	51-18	14.2-18	50.0	2.0	36 610X240X335		15.8	8.6	5.0	4.3	3.6
U2.525K-2	3.7	5.0	65.0	2.5	30-19	8.3-19	66-24	18.3-24	50.0	2.0	51 650X260X355		25.1	13.7	7.7	6.7	5.5
U2.527.5K-2	5.5	7.5	65.0	2.5	30-23	8.3-23	72-28	20-28	50.0	2.0	59 710X260X355		36.7	20.0	11.4	9.9	8.1
U2.5210K-2	7.5	10.0	65.0	2.5	36-26	10-26'	72-34	20-34	50.0	2.0	82 795X295X476		47.7	26.0	15.0	13.0	11.0
U2.5215K-2	11.0	15.0	65.0	2.5	36-33	10-33'	72-40	20-40	50.0	2.0	93 795X295X475		69.7	38.0	22.0	19.1	16.0

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U322K-2
U223K-2



U322SK-2

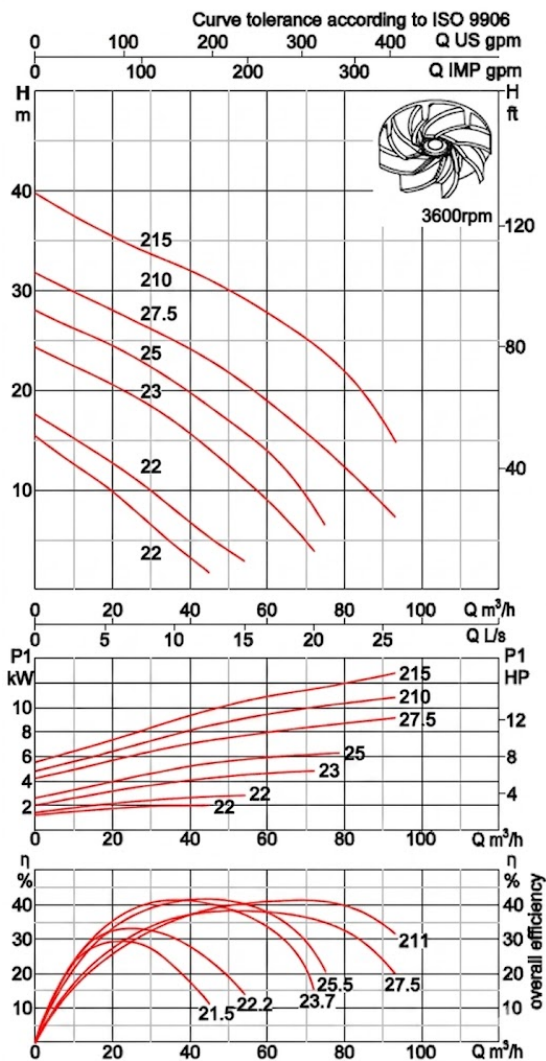


U325K-50
U327.5K-2



U3210K-2
U3215K-2

Model	M ³ /hr	12	24	36	48	60	72	84	90
U322(S)K-2	GPM	52.8	105.6	158.4	211.2	264	316.8	369.6	396
U323K-2	H (ft)	39.4	27.9	14.8					
U325K-2		48.5	38.7	26.6	14.8				
U327.5K-2		73.1	65.3	55.8	43.3	30.2	13.1		
U3210K-2		85.3	77.4	68.2	57.4	45.6	27.2		
U3215K-2		96.8	89.5	82.3	73.5	62.6	49.5	35.1	27.6
U3215K-2		121.4	113.8	107.6	100.4	91.5	81.0	65.9	55.8



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch	Packing (mm)						
U322K-2	1.5	2.0	80.0	3.0	24-8.5	6.7-8.5	45-15.5	13-15.5	50.0	2.0	35	Full Load Ampere	11.2	6.1	3.5	3.0	2.6
U322SK-2	1.5	2.0	80.0	3.0	24-8.5	6.7-8.5	45-15.5	13-15.5	50.0	2.0	38		18.3	10.0			
U323K-2	2.2	3.0	80.0	3.0	24-12	6.7-12	54-18	15-18	50.0	2.0	37		15.8	8.6	5.0	4.3	3.6
U325K-2	3.7	5.0	80.0	3.0	36-17	46312.0	72-24	20-24	50.0	2.0	53		25.1	13.7	7.7	6.7	5.5
U327.5K-2	5.5	7.5	80.0	3.0	39-20	10.8-20	75-28	20.8-28	50.0	2.0	61		36.7	20.0	11.4	9.9	8.1
U3210K-2	7.5	10.0	80.0	3.0	42-24	11.7-24	93-32	25.8-32	50.0	2.0	83		47.7	26.0	15.0	13.0	11.0
U3215K-2	11.0	15.0	80.0	3.0	42-32	11.7-32	93-40	25.8-40	50.0	2.0	94		69.7	38.0	22.0	19.1	16.0

U-K/D-K SUBMERSIBLE SEWAGE PUMPS



U322K-3
U323K-3



U322SK-3

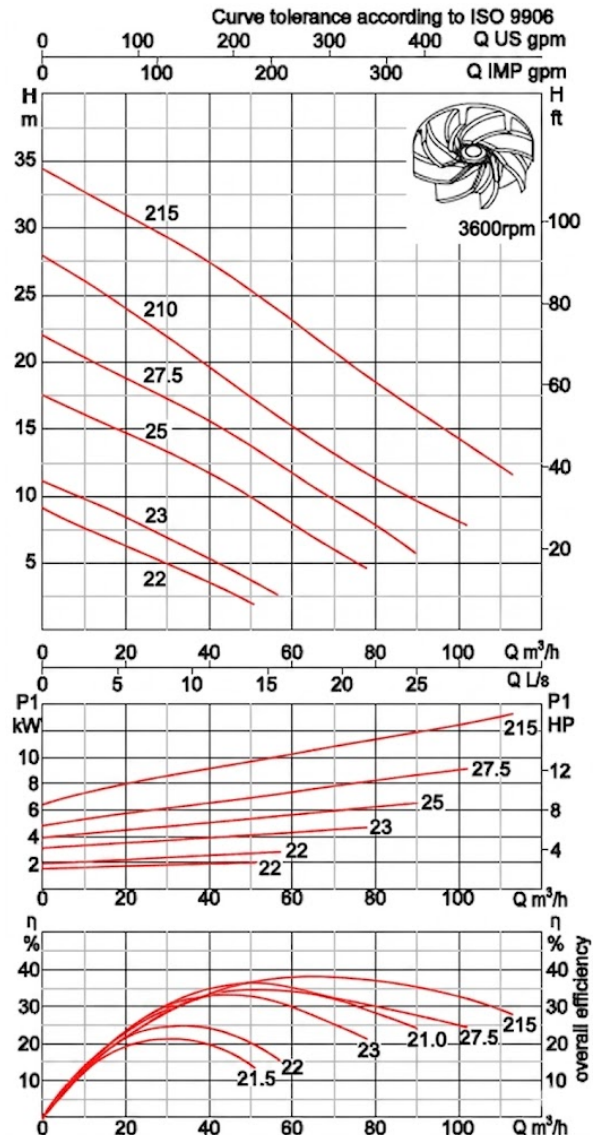


U3257K-3
U327.5K-3



U3210K-3
U3215K-3

Model	M ³ /hr	12	24	36	48	60	72	84	90
GPM		52.8	105.6	158.4	211.2	264	316.8	369.6	396
U322(S)K-2	H	23.9	18.7	13.4	7.9				
U323K-2	(ft)	31.5	25.9	19.7	13.8				
U325K-2		51.8	46.6	40.7	34.1	26.2	19.0		
U327.5K-2		65.9	59.7	53.5	46.6	38.7	30.8	23.3	
U3210K-2		84.0	75.8	67.2	48.5	50.2	42.3	35.1	28.9
U3215K-2		106.9	99.4	92.2	84.6	76.4	67.2	58.7	50.2



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M³/hr-m	L/s-m	M³/hr-m	L/s-m	mm	inch	Packing (mm)						
U322K-2	1.5	2.0	80.0	3.0	24-8.5	6.7-8.5	45-15.5	13-15.5	80.0	3.0	35 610X240X335	Full Load Ampere	11.2	6.1	3.5	3.0	2.6
U322SK-2	1.5	2.0	80.0	3.0	24-8.5	6.7-8.5	45-15.5	13-15.5	80.0	3.0	38 660X240X335		18.3	10.0			
U323K-2	2.2	3.0	80.0	3.0	24-12	6.7-12	54-18	15-18	80.0	3.0	37 610X240X335		15.8	8.6	5.0	4.3	3.6
U325K-2	3.7	5.0	80.0	3.0	36-17	46.312.0	72-24	20-24	80.0	3.0	53 650X260X355		25.1	13.7	7.7	6.7	5.5
U327.5K-2	5.5	7.5	80.0	3.0	39-20	10.8-20	75-28	20.8-28	80.0	3.0	61 710X260X355		36.7	20.0	11.4	9.9	8.1
U3210K-2	7.5	10.0	80.0	3.0	42-24	11.7-24	93-32	25.8-32	80.0	3.0	83 795X295X475		47.7	26.0	15.0	13.0	11.0
U3215K-2	11.0	15.0	80.0	3.0	42-32	11.7-32	93-40	25.8-40	80.0	3.0	94 795X295X475		69.7	38.0	22.0	19.1	16.0



U-K/D-K SUBMERSIBLE SEWAGE PUMPS



U342K-3

U343K-3



U342SK-3



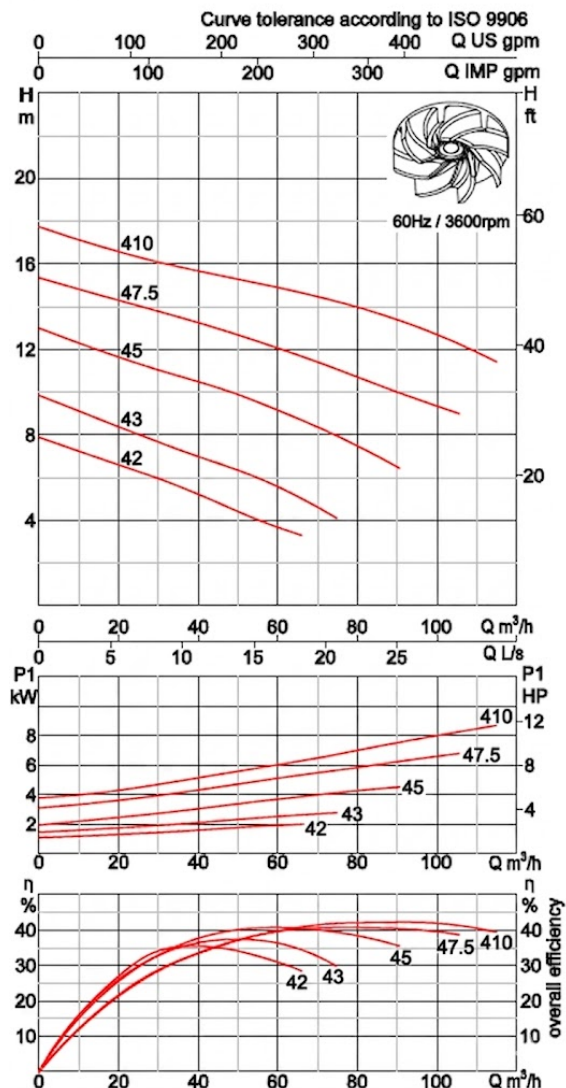
U345K-3



U347.5K-3

U3410K-3

Model	M ³ /hr	12	24	36	48	60	72	84	90
GPM		52.8	105.6	158.4	211.2	264	316.8	369.6	396
U342(S)K-3	H	23.3	20.7	18.0	15.1	12.1			
U343K-3	(ft)	29.5	26.6	23.9	21.3	18.4	14.4		
U345K-3		40.0	37.4	35.1	32.8	30.2	26.9	23.3	
U347.5K-3		48.2	46.2	44.3	42.0	39.7	37.1	34.1	31.5
U3410K-3		55.8	53.8	51.8	50.2	48.9	47.6	44.9	42.3



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg) Packing (mm)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch							
U342K-2	1.5	2.0	80.0	3.0	36-5.5	10-5.5	66-8	18.3-8	80.0	3.0	49 735X315X430	Full Load Ampere					
U342SK-2	1.5	2.0	80.0	3.0	36-5.5	10-5.5	66-8	18.3-8	80.0	3.0	53 785X315X430		18.3	6.8	3.7	3.2	2.9
U343K-2	2.2	3.0	80.0	3.0	36-7	10-7	75-10	20.8-10	80.0	3.0	53 735X315X430			9.7	5.3	4.6	4.1
U345K-2	3.7	5.0	80.0	3.0	48-10	13-10	90-13	25-13	80.0	3.0	71 795X335X445			15.0	8.3	7.2	6.4
U347.5K-2	5.5	7.5	80.0	3.0	60-12	16.7-12	105-15	29.2-15	80.0	3.0	100 885X380X525			21.3	11.7	10.7	9.0
U3410K-2	7.5	10.0	80.0	3.0	72-14.5	20-14.5	115-18	31.9-18	80.0	3.0	108 885X380X525			28.6	15.7	13.7	12.0



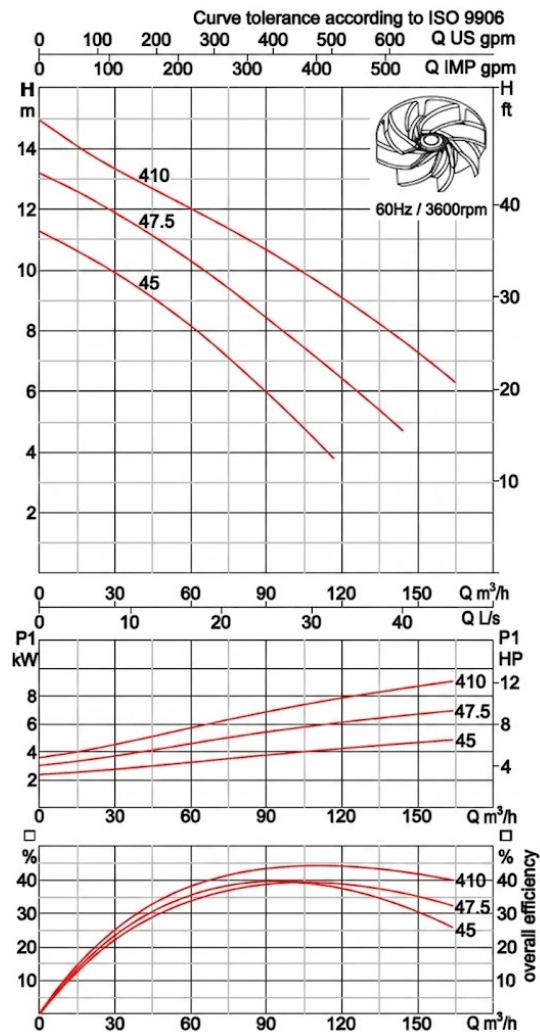
U-K/D-K SUBMERSIBLE SEWAGE PUMPS



U445K-4

**U447.5K-4
U4410K-4**

Model	M ³ /hr	18	36	54	72	90	108	126	144
	GPM	79.2	158.4	237.6	316.8	396	475.2	554.4	633.6
U445K-4	H	34.4	31.5	27.9	23.9	20.0	15.4		
U447.5K-4	(ft)	41.0	38.0	35.1	31.8	27.9	24.3	20.7	16.7
U4410K-4		45.6	43.0	40.3	37.7	35.1	32.1	29.2	25.9

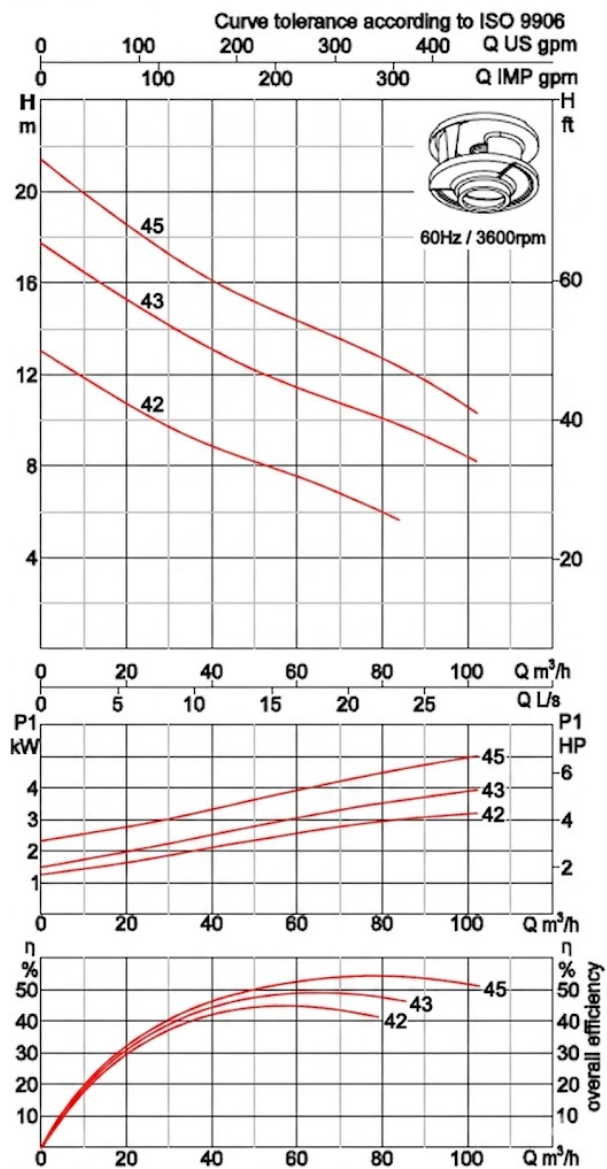


Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg) Packing (mm)	Voltage	220V	380V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch							
U445K-4	3.7	5.0	100.0	4.0	60-8	16.7-8	115-11	31.9-11	100.0	4.0	75 845X350X485	FULL LOAD AMP	15.0	8.5	8.3	7.2	6.4
U447.5K-4	5.5	7.5	100.0	4.0	80-9	22.2-9	145-13	40.3-13	100.0	4.0	104 925X380X565		21.3	12.1	11.7	10.2	9.0
U4410K-4	7.5	10.0	100.0	4.0	108-10	30-10	165-15	45.8-15	100.0	4.0	112 925X380X565		28.6	16.2	15.7	13.7	12.0

U-K/D-K SUBMERSIBLE SEWAGE PUMPS



Model	M ³ /hr	12	24	36	48	60	72	84	96
D342(S)K-3	GPM	52.8	105.6	158.4	211.2	264	316.8	369.6	422.4
D343K-3	H (ft)	29.8	25.6	22.6	20.0	17.1	14.1		
D345K-3		38.0	33.8	29.8	27.2	24.6	19.7	19.0	
		53.1	48.5	44.3	40.7	37.4	34.8	32.1	28.9



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch							
D342K-3	1.5	2.0	80.0	3.0	48-6	13.3-6	75-11	20.8-11	76.0	3.0	54	Full Load Ampere		6.8	3.7	3.2	2.9
D342SK-3	1.5	2.0	80.0	3.0	48-6	13.3-6	75-11	20.8-11	76.0	3.0	58		18.3	10.0			
D343K-3	2.2	3.0	80.0	3.0	48-6	13.3-8	85-13	23.6-13	76.0	3.0	60			9.7	5.3	4.6	4.1
D345K-3	3.7	5.0	80.0	3.0	48-12	13.3-12	102.2	28.3-18	76.0	3.0	78			15.0	8.5	7.2	6.4



U-K/D-K SUBMERSIBLE SEWAGE PUMPS



D442K-3

D443K-3



D442SK-3



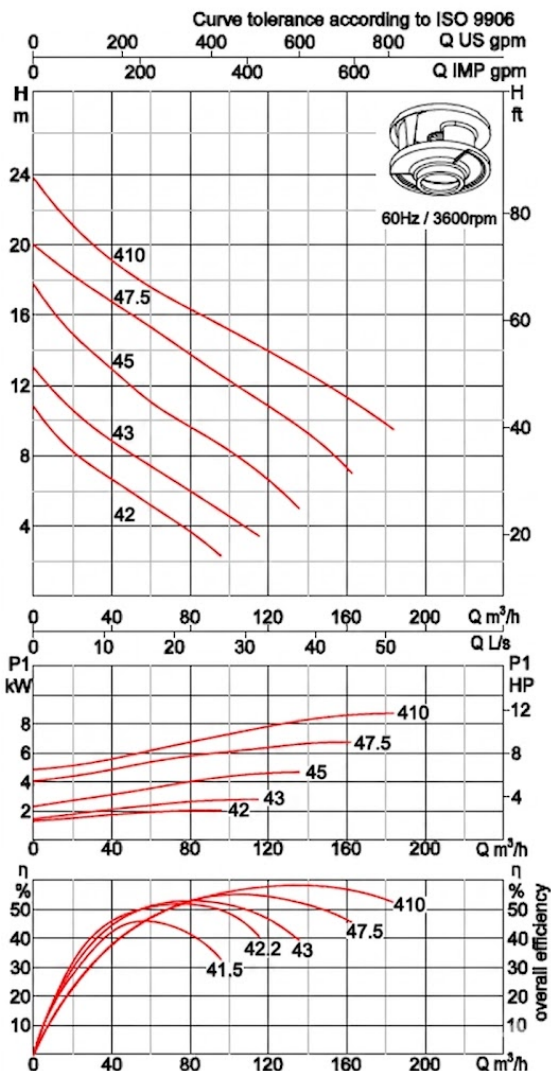
D445K-3



D447.5K-3

D4410K-3

Model	M ³ /hr GPM	18	36	54	72	90	108	126	144
		79.2	158.4	237.6	316.8	396	475.2	554.4	633.6
D442(S)K-3	H (ft)	27.6	22.6	18.4	14.1	9.2			
D443K-3		35.4	29.8	25.6	21.6	17.4	13.1		
D445K-3		49.9	43.6	38.0	33.5	29.5	25.3	19.7	
D447.5K-3		60.4	55.4	51.5	47.2	42.6	38.4	34.4	29.5
D4410K-3		70.8	64.0	58.7	55.1	51.8	48.5	44.6	41.0



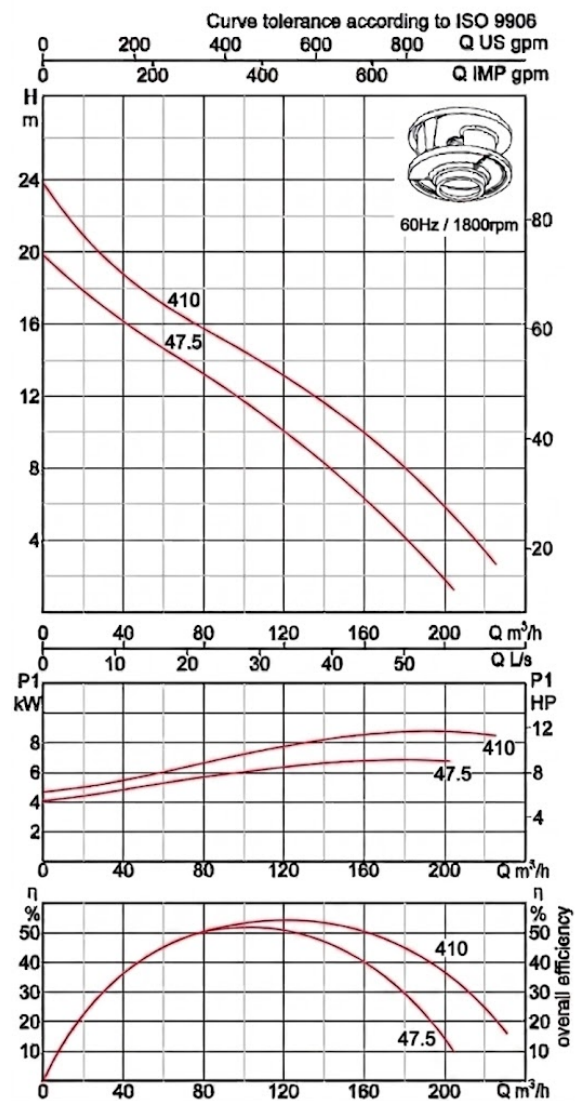
Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M³/hr-m	L/s-m	M³/hr-m	L/s-m	mm	inch	Packing (mm)						
D442K-3	1.5	2.0	100.0	4.0	60-5	16.7-5	96-11	26.7-11	76.0	3.0	55 735X315X430	Full Load Ampere		6.8	3.7	3.2	2.9
D442SK-3	1.5	2.0	100.0	4.0	60-5	16.7-5	96-11	26.7-11	76.0	3.0	59 785X315X430		18.3	10.0			
D443K-3	2.2	3.0	100.0	4.0	60-7	16.7-7	115-13	31.9-13	76.0	3.0	61 735X315X430			9.7	5.3	4.6	4.1
D445K-3	3.7	5.0	100.0	4.0	60-11	16.7-11	135-18	37.5-18	76.0	3.0	79 795X335X445			15.0	8.3	7.2	6.4
D447.5K-3	5.5	7.5	100.0	4.0	60-15	16.7-15	162-20	45-20	76.0	3.0	118 905X410X575			21.3	11.7	10.7	9.0
D4410K-3	7.5	10.0	100.0	4.0	60-17	16.7-17	185-24	51.4-24	76.0	3.0	130 905X410X575			28.6	15.7	13.7	12.0

U-K/D-K SUBMERSIBLE SEWAGE PUMPS



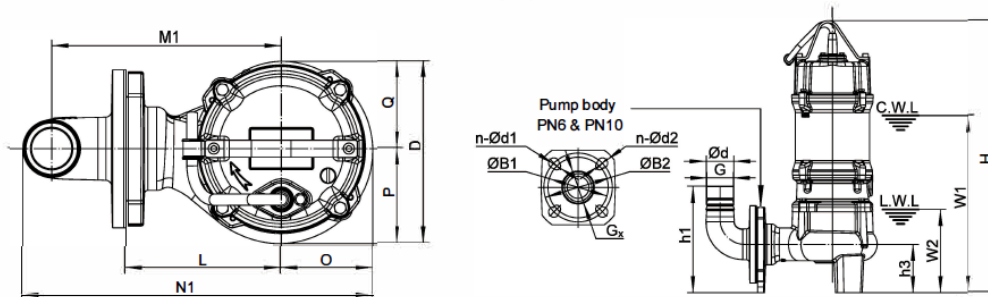
D647.5K-3
D6410K-3

Model	M ³ /hr	24	48	72	96	120	144	168	196
D647.5K-3	GPM	105.6	211.2	316.8	422.4	528	633.6	739.2	862.4
D6410K-3	H	58.1	50.8	45.3	38.7	32.8	26.2	18.0	9.2
	(ft)	67.6	58.4	53.1	47.9	42.6	37.1	30.5	22.3



Model	Power		Discharge		Standard		Max		Solid Passage		N.W. (kg)	Voltage	120V	220V	400V	460V	525V
	KW	HP	mm	inch	M ³ /hr-m	L/s-m	M ³ /hr-m	L/s-m	mm	inch	Packing (mm)						
D647.5K-3	5.5	7.5	150.0	6.0	90-12	25-12	204-20	56.7-20	76.0	3.0	130 905X410X575	Full Load Ampere		21.3	11.7	10.2	9.0
D442SK-3	7.5	10.0	150.0	6.0	90-15	25-15	228-24	63.3-24	76.0	3.0	142 905X410X575			28.6	15.7	13.7	12.0

Movable Soft Pipe Installation (R)

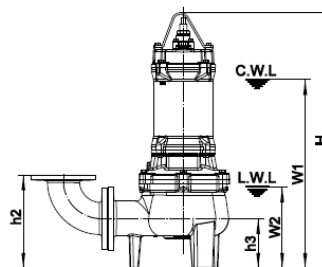
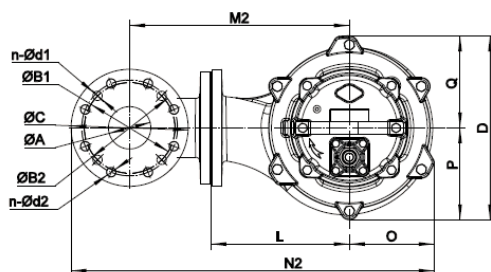


C.W.L. : continuous running water level
L.W.L. : lowest running water level

Dimensions table

Model	Outlet hose elbow	Ød	G	G _x	ØB1	n-Ød1	ØB2	n-Ød2	h1	h3	W1	W2	H	O	P	Q	L	D	M1	N1
U22.6SK-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	320	150	492	81	84	77	138	161	204	311
U22.6SK-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	320	150	492	81	84	77	138	161	204	311
U221SK-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	320	150	492	81	84	77	138	161	204	311
U221SK-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	330	150	492	81	84	77	138	161	204	311
U222K-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	360	150	547	81	84	77	138	161	204	311
U222SK-2	2"(PN6)-Ø50	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	192	87	370	150	547	81	84	77	138	161	204	311
U2.522K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	575	114	101	101	170	202	242	389
U2.522SK-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	620	114	101	101	170	202	242	389
U2.523K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	575	114	101	101	170	202	242	389
U2.525K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	217	97	420	150	611	128	113	113	180	226	252	412
U2.527.5K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	217	97	490	150	676	128	113	113	180	226	252	412
U2.5210K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	220	100	510	170	755	130	130	130	220	260	292	454
U2.5215K-2	2.5"(PN6)-Ø65	65	G2"		130	4-Ø14	145	4-Ø18	220	100	530	170	755	130	130	130	220	260	292	454
U322K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	242	97	400	160	575	114	101	101	170	202	262	414
U322SK-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	242	97	400	160	620	114	101	101	170	202	262	414
U323K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	242	97	400	160	575	114	101	101	170	202	262	414
U325K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	242	97	420	150	611	128	113	113	180	226	272	437
U327.5K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	242	97	490	150	676	128	113	113	180	226	272	437
U3210K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	245	100	510	170	755	130	130	130	220	260	312	479
U3215K-2	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	245	100	530	170	755	130	130	130	220	260	312	479
U322K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	277	132	450	210	628	116	110	102	150	212	242	396
U322SK-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	277	132	450	210	673	116	110	102	150	212	242	396
U323K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	277	132	450	210	628	116	110	102	150	212	242	396
U325K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	277	132	480	210	668	130	120	113	160	233	252	419
U327.5K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	277	132	550	210	733	130	120	113	160	233	252	419
U3210K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	279	134	560	220	807	133	141	131	200	272	292	463
U3215K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	279	134	580	220	807	133	141	131	200	272	292	463
U342K-80	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	284	139	485	230	668	130	142	130	200	272	292	460
U342SK-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	284	139	510	230	738	130	142	130	200	272	292	460
U343K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	284	139	510	230	693	130	142	130	200	272	292	460
U345K-80	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	284	139	570	230	751	142	148	138	210	286	302	482
U347.5K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	286	141	610	240	840	159	173	173	230	346	322	519
U3410K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	286	141	610	240	840	159	173	173	230	346	322	519
U445K-4	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	339	169	620	280	800	155	164	152	240	316	343	547
U447.5K-4	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	341	171	650	280	880	159	173	173	260	346	363	571
U4410K-4	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	341	171	650	280	880	159	173	173	260	346	363	571
D342K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	317	172	485	230	668	137	149	135	205	284	297	471
D342SK-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	317	172	510	230	737	137	149	135	205	284	297	471
D343K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	317	172	510	230	693	137	149	135	205	284	297	471
D345K-3	3"(PN6)-Ø80	80	G2½"		150	4-Ø18	160	8-Ø18	317	172	570	230	750	145	158	143	215	301	307	490
D442K-3	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	342	172	485	230	668	137	149	135	205	284	308	493
D442SK-3	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	342	172	510	230	737	137	149	135	205	284	308	493
D443K-3	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	342	172	510	230	693	137	149	135	205	284	308	493
D445K-3	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	342	172	570	230	750	145	158	143	215	301	318	512
D447.5K-3	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	367	197	630	255	860	182	196	181	260	377	363	594
D4410K-76	4"(PN6)-Ø100	100			170	4-Ø18	180	8-Ø18	367	197	630	255	860	182	196	181	260	377	363	594
D647.5K-76	6"(PN6)-Ø150	150			170	4-Ø18	180	8-Ø18	423	197	630	255	860	182	196	181	260	377	526	782
D6410-76	6"(PN6)-Ø150	150			170	4-Ø18	180	8-Ø18	423	197	630	255	860	182	196	181	260	377	526	782

Hard Pipe Installation(Y)

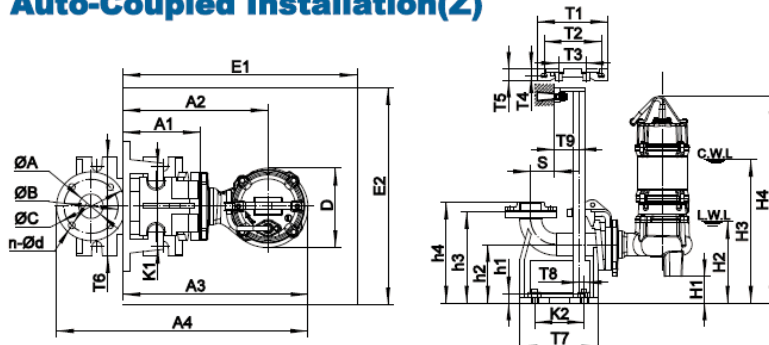


C.W.L : continuous running water level
L.W.L : lowest running water level

Dimensions table

Model	Double flanged elbow	Ød	G	G _x	ØB1	n-Ød1	ØB2	n-Ød2	h2	h3	W1	W2	H	O	P	Q	L	D	M2	N2
U22.6SK-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	320	150	492	81	84	77	138	161	240	401
U22.6SK-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	320	150	492	81	84	77	138	161	240	401
U221SK-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	320	150	492	81	84	77	138	161	240	401
U221SK-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	330	150	492	81	84	77	138	161	240	401
U222K-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	360	150	547	81	84	77	138	161	240	401
U222SK-2	2"(PN6)-2"(PN6 & PN10)	50	G1½"	G2"	110	4-Ø14	125	4-Ø18	187	87	370	150	547	81	84	77	138	161	240	401
U2.522K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	575	114	101	101	170	202	292	499
U2.522SK-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	620	114	101	101	170	202	292	499
U2.523K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	217	97	400	160	575	114	101	101	170	202	292	499
U2.525K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	217	97	420	150	611	128	113	113	180	226	302	522
U2.527.5K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	217	97	490	150	676	128	113	113	180	226	302	522
U2.5210K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	220	100	510	170	755	130	130	130	220	260	342	564
U2.5215K-2	2.5"(PN6)-2.5"(PN6 & PN10)	65	G2"		130	4-Ø14	145	4-Ø18	220	100	530	170	755	130	130	130	220	260	342	564
U322K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	237	97	400	160	575	114	101	101	170	202	312	526
U322SK-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	237	97	400	160	620	114	101	101	170	202	312	526
U323K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	237	97	400	160	575	114	101	101	170	202	312	526
U325K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	237	97	420	150	611	128	113	113	180	226	322	550
U327.5K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	237	97	490	150	676	128	113	113	180	226	322	550
U3210K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	240	100	510	170	755	130	130	130	220	260	362	592
U3215K-2	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	240	100	530	170	755	130	130	130	220	260	362	592
U322K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	272	132	450	210	628	116	110	102	150	212	292	508
U322SK-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	272	132	450	210	673	116	110	102	150	212	292	508
U323K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	272	132	450	210	628	116	110	102	150	212	292	508
U325K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	272	132	480	210	668	130	120	113	160	233	302	532
U327.5K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	272	132	550	210	733	130	120	113	160	233	302	532
U3210K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	274	134	560	220	807	133	141	131	200	272	342	575
U3215K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	274	134	580	220	807	133	141	131	200	272	342	575
U342K-80	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	279	139	485	230	668	130	142	130	200	272	342	572
U342SK-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	279	139	510	230	738	130	142	130	200	272	342	572
U343K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	279	139	510	230	693	130	142	130	200	272	342	572
U345K-80	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	279	139	570	230	751	142	148	138	210	286	352	594
U347.5K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	281	141	610	240	840	159	173	173	230	346	372	631
U3410K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	281	141	610	240	840	159	173	173	230	346	372	631
U445K-4	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	319	169	620	280	800	155	164	152	240	316	393	657
U447.5K-4	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	321	171	650	280	880	159	173	173	260	346	413	682
U4410K-4	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	321	171	650	280	880	159	173	173	260	346	413	682
D342K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	312	172	485	230	668	137	149	135	205	284	347	84
D342SK-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	312	172	510	230	737	137	149	135	205	284	347	584
D343K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	312	172	510	230	693	137	149	135	205	284	37	584
D345K-3	3"(PN6)-3"(PN6 & PN10)	80	G2½"		150	4-Ø18	160	8-Ø18	312	172	570	230	750	145	158	143	215	301	357	602
D442K-3	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	322	172	485	230	668	137	149	135	205	284	358	604
D442SK-3	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	322	172	510	230	737	137	149	135	205	284	358	604
D443K-3	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	322	172	510	230	693	137	149	135	205	284	358	604
D445K-3	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	322	172	570	230	750	145	158	143	215	301	368	622
D447.5K-3	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	347	197	630	255	860	182	196	181	260	377	413	704
D4410K-76	4"(PN6)-4"(PN6 & PN10)	100			170	4-Ø18	180	8-Ø18	347	197	630	255	860	182	196	181	260	377	413	704
D647.5K-76	6"(PN6)-6"(PN6 & PN10)	150			170	4-Ø18	180	8-Ø18	397	197	630	255	860	182	196	181	260	377	576	900
D6410-76	6"(PN6)-6"(PN6 & PN10)	150			170	4-Ø18	180	8-Ø18	397	197	630	255	860	182	196	181	260	377	576	900

Auto-Coupled Installation(Z)



Dimensions table

TO Auto coupling	ØA	ØB	ØC	n-Ød
50-50(PN6)	50	110	140	4-Ø14
65-65(PN6)	65	130	160	4-Ø14
80-80(PN6)	80	150	190	4-Ø18
100-100(PN6)	100	170	210	4-Ø18
150-150(PN6)	150	225	285	8-Ø18

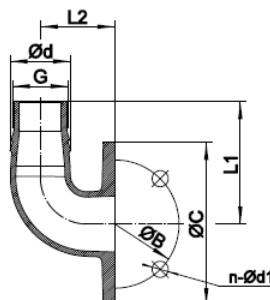
Dimensions table

C.W.L : continuous running water level
L.W.L : lowest running water level

Model	TO Auto coupling	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	S	h1	h2	h3	h4	H1	H2	H3	H4	A1	A2	A3	A4	D
U22.6SK-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	393	565	157	295	376	511	161
U22.6SK-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	393	565	157	295	376	511	161
U221SK-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	393	565	157	295	376	511	161
U221SK-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	403	565	157	295	376	511	161
U222K-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	433	620	157	295	376	511	161
U222SK-2	50-50(PN6)	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276	73	223	443	620	157	295	376	511	161
U2.522K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	73	233	473	648	157	327	441	611	202
U2.522SK-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	73	233	473	693	157	327	441	611	202
U2.523K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	73	233	473	648	157	327	441	611	202
U2.525K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	73	223	493	684	157	337	465	635	226
U2.527.5K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	73	223	563	749	157	337	465	635	226
U2.5210K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	70	240	580	825	157	377	507	677	260
U2.5215K-2	65-65(PN6)	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291	70	240	600	825	157	377	507	677	260
U322K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	88	248	488	663	183	353	467	641	202
U322SK-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	88	248	488	708	183	353	467	641	202
U323K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	88	248	488	663	183	353	467	641	202
U325K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	88	238	508	699	183	363	491	665	226
U327.5K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	88	238	578	764	183	363	491	665	226
U3210K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	85	255	595	840	183	403	533	707	260
U3215K-2	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	85	255	615	840	183	403	533	707	260
U322K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	53	263	503	681	183	333	449	623	212
U322SK-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	53	263	503	726	183	333	449	623	212
U323K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	53	263	503	681	183	333	449	623	212
U325K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	53	263	533	721	183	343	473	647	233
U327.5K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	53	263	603	786	183	343	473	647	233
U3210K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	51	271	611	858	183	383	516	690	272
U3215K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	51	271	631	858	183	383	516	690	272
U342K-80	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	46	276	531	714	183	383	513	687	271
U342SK-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	46	276	556	784	183	383	513	687	271
U343K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	46	276	556	739	183	383	513	687	271
U345K-80	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	46	276	616	797	183	393	535	7009	266
U347.5K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	44	284	654	884	183	413	572	746	346
U3410K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	44	284	654	884	183	413	572	746	346
U445K-4	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	56	336	676	856	203	443	598	800	316
U447.5K-4	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	54	334	704	934	203	463	622	824	346
U4410K-4	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	54	334	704	934	203	463	622	824	346
D342K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	13	243	498	681	183	388	525	699	284
D342SK-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	13	243	523	751	183	388	525	699	284
D343K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	13	243	523	716	183	388	525	699	284
D345K-3	80-80(PN6)	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335	13	230	523	750	183	398	543	717	301
D442K-3	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	53	283	570	720	203	408	545	747	284
D442SK-3	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	53	283	538	791	203	408	545	747	284
D443K-3	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	53	283	563	746	203	408	545	747	284
D445K-3	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	53	283	563	803	203	418	563	765	301
D447.5K-3	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	28	283	623	888	203	463	645	847	377
D4410K-76	100-100(PN6)	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381	28	283	658	888	203	463	645	847	377
D647.5K-76	150-150(PN6)	400	260	145	24	48	360	410	90	95	265	300	195	390	300	480		103	358	658	963	203	661	844	1182	377
D6410-76	150-150(PN6)	400	260	145	24	48	360	410	90	95	265	300	195	390	300	480		103	358	733	963	203	661	844	1182	377

Elbow

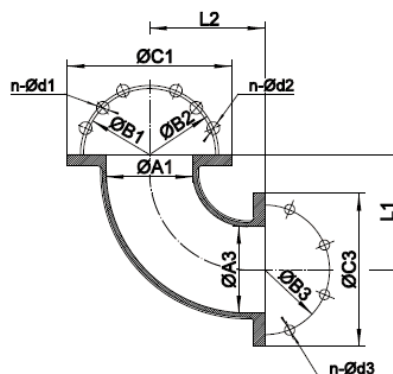
Outlet hose elbow



Dimensions table

Model	Ød	G	ØB	n-Ød1	ØC	L1	L2	N.W	Packing dimension
								kg	mm
1.5"(PN6)-Ø40	40	-	100	4-Ø14	130	80	61	1.5	—
2"(PN6)-Ø50	50	G1½"	110	4-Ø14	140	105	64	1.7	—
2.5"(PN6)-Ø65	65	G2"	130	4-Ø14	160	120	70	2.5	215×175×140
3"(PN6)-Ø80	80	G2½"	150	4-Ø18	190	145	90	4.2	265×215×170
4"(PN6)-Ø100	100	-	170	4-Ø18	210	170	100	5.4	300×235×190
6"(PN6)-Ø150	150	-	225	8-Ø18	265	225	150	11	430×310×275
6"(PN10)-Ø150	150	-	240	8-Ø22	285	225	150	12	430×310×275
8"(PN10)-Ø200	200	-	295	8-Ø22	340	310	200	23	540×370×345

Double flanged elbow



Dimensions table

Model	ØA1	ØB1	n-Ød1	ØB2	n-Ød2	ØC1	ØA3	ØB3	n-Ød3	ØC3	L1	L2	N.W	Packing dimension
													kg	mm
1.5"(PN6)-1.5"(PN6)	40	100	4-Ø14	—	—	130	40	100	4-Ø14	130	100	100	2.7	—
2"(PN6)-2"(PN6)	50	110	4-Ø14	—	—	140	50	110	4-Ø14	140	100	100	3.3	—
2"(PN6)-2"(PN6 & PN10)	50	110	4-Ø14	125	4-Ø18	160	50	110	4-Ø14	140	100	100	3.8	—
2.5"(PN6)-2.5"(PN6)	65	130	4-Ø14	—	—	160	65	130	4-Ø14	160	120	120	4.7	225×225×200
2.5"(PN6)-2.5"(PN6 & PN10)	65	130	4-Ø14	145	4-Ø18	185	65	130	4-Ø14	160	120	120	5.5	235×225×220
3"(PN6)-3"(PN6)	80	150	4-Ø18	—	—	190	80	150	4-Ø18	190	140	140	7.1	265×260×235
3"(PN6)-3"(PN6 & PN10)	80	150	4-Ø18	160	8-Ø18	200	80	150	4-Ø18	190	140	140	7.5	265×260×235
4"(PN6)-4"(PN6)	100	170	4-Ø18	—	—	210	100	170	4-Ø18	210	150	150	9.5	285×280×255
4"(PN6)-4"(PN6 & PN10)	100	170	4-Ø18	180	8-Ø18	220	100	170	4-Ø18	210	150	150	10	285×280×255
6"(PN6)-6"(PN6)	150	225	8-Ø18	—	—	265	150	225	8-Ø18	265	200	200	17.5	395×370×330
6"(PN6)-6"(PN6 & PN10)	150	225	8-Ø18	240	8-Ø22	285	150	225	8-Ø18	265	200	200	18.5	395×370×330
6"(PN10)-6"(PN10)	150	240	8-Ø22	—	—	285	150	240	8-Ø18	285	200	200	19.5	395×370×330
8"(PN10)-8"(PN10)	200	295	8-Ø22	—	—	340	200	295	8-Ø22	340	230	230	32	460×440×385
10"(PN10)-10"(PN10)	250	350	12-Ø22	—	—	395	250	350	12-Ø22	395	381	381	58	630×620×450
12"(PN10)-12"(PN10)	300	400	12-Ø22	—	—	445	300	400	12-Ø22	445	457	457	80	735×725×530
16"(PN10)-16"(PN10)	400	515	16-Ø27	—	—	565	400	515	12-Ø27	565	610	610	128	955×935×700

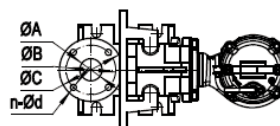
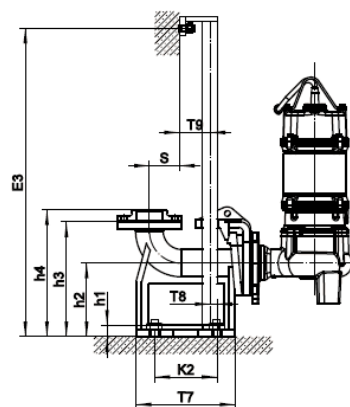
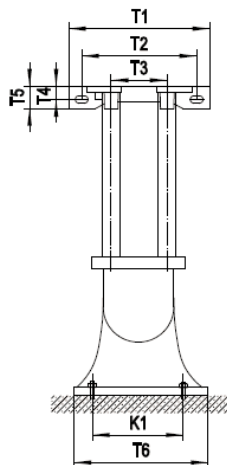
TO Auto coupling



- Fix to the pumps with flange conforming ISO7005-92 standard.
- Sewage pump with standard flanged elbow can connect to this auto-coupling directly.

Supplied with

- Coupling seat
- Coupling adapter
- Upper guide support
- Flange (≤ 4 ")
- (Guide Pipe, Foundation bolts, Expansion bolts and Chain assembly are not Included)



Dimensions table

Model	ØA	ØB	ØC	N-Ød	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	S	h1	h2	h3	h4
TO 40-40(PN6)	Ø40 / G1½"	100	130	4-Ø14	225	185	70	16	35	110	173	22	64	65	106	48	145	115	195	219
TO 50-50(PN6)	Ø50 / G2"	110	140	4-Ø14	265	215	105	22	42	200	215	15	67	163	135	65	25	160	250	276
TO 65-65(PN6)	Ø65 / G2½"	130	160	4-Ø14	280	235	125	25	50	230	235	20	70	190	155	90	25	170	265	291
TO 80-80(PN6)	Ø80 / G3"	150	190	4-Ø18	315	265	145	27	50	255	230	35	78	215	155	79	25	185	305	335
TO 100-100(PN6)	Ø100 / G4"	170	210	4-Ø18	365	305	170	30	55	293	262	34	95	265	176	97	23	225	350	381
TO 150-150(PN6)	Ø150	225	285	8-Ø18	400	260	280	24	48	360	410	90	95	285	300	195	390	300	480	—
TO 150-150(PN10)	Ø150	240	285	8-Ø22	400	260	280	24	48	360	410	90	95	285	300	195	390	300	480	—
TO 200-200(PN10)	Ø200	295	330	8-Ø22	400	260	280	24	48	400	445	103	95	298	350	230	440	320	555	—
TO 250-250(PN10)	Ø250	350	395	12-Ø22	400	260	280	24	48	455	555	101	95	360	430	301	495	350	665	—
TO 300-300(PN10)	Ø300	400	445	12-Ø22	480	305	340	31	62	550	570	66	111	410	410	284	570	405	730	—
TO 400-400(PN10)	Ø400	515	565	16-Ø26	500	325	360	31	62	620	665	84	113	490	510	362	780	560	960	—

※Standard equipment of 150, 200, 250, 300, 400mm outlet dimension does not include flange.

Weights & Packing dimensions

Model	N.W	G.W	Packing dimension
	kg	kg	mm
40-40(PN6)	11	13	340×260×195
50-50(PN6)	17	19.5	350×320×245
65-65(PN6)	23	25.5	390×270×345
80-80(PN6)	31	34.5	410×290×395
100-100(PN6)	43	48	470×330×475
150-150(PN6)	96	111	697×437×650
150-150(PN10)	95	110	697×437×650
200-200(PN10)	120	136	767×437×690
250-250(PN10)	192	213	897×507×750
300-300(PN10)	290	317	917×617×880
400-400(PN10)	440	483	1057×657×1110

Guide Pipe dimensions

Model	Guide Pipe
	size length
40-40(PN6)	1" / Ø32 × 3 E3-145
50-50(PN6)	1" / Ø32 × 3 E3-10
65-65(PN6)	1" / Ø32 × 3 E3-10
80-80(PN6)	1½" / Ø 48 × 3 E3-10
100-100(PN6)	1½" / Ø 48 × 3 E3-10
150-150(PN6)	1½" / Ø 48 × 3 E3-405
150-150(PN10)	1½" / Ø 48 × 3 E3-405
200-200(PN10)	1½" / Ø 48 × 3 E3-455
250-250(PN10)	1½" / Ø 48 × 3 E3-510
300-300(PN10)	2" / Ø60 × 3.5 E3-580
400-400(PN10)	2" / Ø60 × 3.5 E3-790

Accessory bag list (Self-provided by end user)

Model	Coupling	Accessory
		Foundation bolts Expansion bolts Chain assembly
TOPJ-01	40-40	4-M12 2-M10 Ø4×5m
TOPJ-02	50-50(≤1.5kW)	4-M16 2-M12 Ø4×5m
TOPJ-03	50-50(≥2.2kW), 65-65 80-80	4-M16 2-M12 Ø5×5m
TOPJ-04	100-100(≤7.5kW)	4-M20 2-M12 Ø5×5m
TOPJ-05	100-100(≥11kW)	4-M20 2-M12 Ø6×5m
TOPJ-06	150-150 (≤22kW)	4-M20 3-M14 Ø6×5m
TOPJ-07	150-150 (30~45kW)	4-M20 3-M14 Ø8×5m
TOPJ-08	200-200 (≤22kW) 250-250 (≤22kW)	4-M24 3-M14 Ø6×5m
TOPJ-09	200-200 (30~45kW) 250-250 (30~45kW) 300-300 (30~45kW)	4-M24 3-M14 Ø8×5m
TOPJ-10	200-200 (55~75kW) 250-250 (55~75kW) 300-300 (55~75kW) 400-400 (55~75kW)	4-M24 3-M14 Ø10×5m

U-K/D-K SUBMERSIBLE SEWAGE PUMPS



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