

KAWAPET

Waste water pump

WUP3



WUP3

WUP3-LN



WUP3-L

Sewage pump

WUO(3)

WUO(3)-LN



WUO(3)



WUO(3)-L

FEATURES

- The pump section is made of resin and motor frame is made of stainless steel which makes the pump unit rust-proof and light weight.
- The impeller and casing are made of glassfiber reinforced resin to ensure reliable operation for long period of time.
- The vortex structure provides smooth and efficient passage of foreign objects.
- The motor with high starting torque eliminates starting failure and is equipped with motor protector to ensure long and safe operation.
- Available Manual operation type, Automatic operation type by 1 pump(L type) and Automatic alternate/parallel operation type by 2 pumps(L and LN type).

STANDARD SPECIFICATIONS

		WUP3	WUO(3)
Liquid	Kind	Waste water	Waste water and sewage water
	Passable foreign objects(*)	17mm	40&50mm : 35mm, 65&80mm : 40mm
	Density of hydrogen ion	PH 5~9	
	Temperature	0~40°C	
Material	Impeller	Glassfiber reinforced resin	
	Shaft	SUS403	
	Casing	Glassfiber reinforced resin	
Motor	Kind	Dry sealed submersible	
	Speed	50Hz : 3,000rpm, 60Hz : 3,600rpm	
	Starting	1 ph. 0.15 & 0.25kW : Split phase, 1 ph. 0.4kW : Condenser, 3 ph. : D.O.L	
Maximum water depth		0.15~0.75kW : 5m, 1.5~3.7kW : 8m	
Structure	Impeller	Vortex type	
	Seal	Double mechanical seal(SiC x SiC and Ceramics x Carbon)	
	Sealed oil	Turbine oil ISO VG32	
	Bearing	Sealed ball bearings	

*Ball shaped

STANDARD ACCESSORY

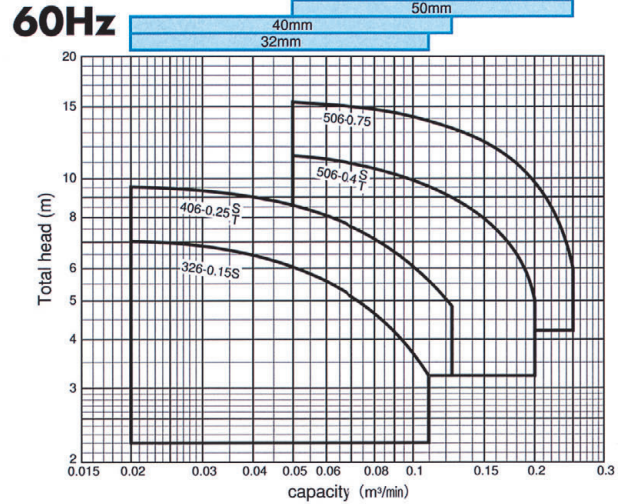
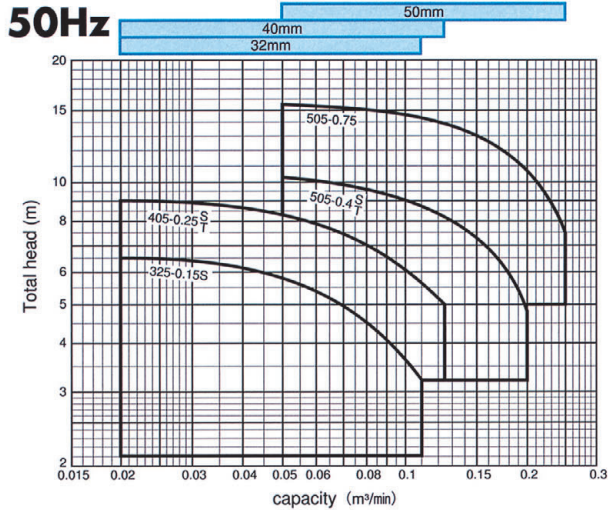
- 1 pc. Motor cable(0.15~0.75kW : 1.25mm²x6m, 1.5~2.2kW : 1.25mm²x10m , 3.7kW : 2.0mm²x10m)
- 1 set Mating flange with packing & bolts
- 1 set Float switch (Type L and LN)

OPTIONAL ACCESSORY

Auto connection device w/rope, control panel, float switch and extension cable

Selection chart & table

WUP3



Hz	BORE (mm)	PUMP MODEL			Motor		Capacity (m³/min)	Head (m)	Capacity (m³/min)	Head (m)
		MANUAL TYPE	AUTO TYPE (*1)	AUTO TYPE (*2)	(kW)	Phase				
50	32	WUP3-325-0.15S	WUP3-325-0.15SL	WUP3-325-0.15SLN	0.15	1	0.02	6.5	0.11	3.2
	40	WUP3-405-0.25S	WUP3-405-0.25SL	WUP3-405-0.25SLN	0.25	1	0.02	9	0.125	5
		WUP3-405-0.25T	WUP3-405-0.25TL	WUP3-405-0.25TLN	0.25	3	0.02	9	0.125	5
	50	WUP3-505-0.4S	WUP3-505-0.4SL	WUP3-505-0.4SLN	0.4	1	0.05	10.2	0.2	4.8
		WUP3-505-0.4T	WUP3-505-0.4TL	WUP3-505-0.4TLN	0.4	3	0.05	10.2	0.2	4.8
	50	WUP3-505-0.75	WUP3-505-0.75L	WUP3-505-0.75LN	0.75	3	0.05	15.5	0.25	7.5
60	32	WUP3-326-0.15S	WUP3-326-0.15SL	WUP3-326-0.15SLN	0.15	1	0.02	7	0.11	3.2
	40	WUP3-406-0.25S	WUP3-406-0.25SL	WUP3-406-0.25SLN	0.25	1	0.02	9.5	0.125	4.8
		WUP3-406-0.25T	WUP3-406-0.25TL	WUP3-406-0.25TLN	0.25	3	0.02	9.5	0.125	4.8
	50	WUP3-506-0.4S	WUP3-506-0.4SL	WUP3-506-0.4SLN	0.4	1	0.05	11.5	0.2	5
		WUP3-506-0.4T	WUP3-506-0.4TL	WUP3-506-0.4TLN	0.4	3	0.05	11.5	0.2	5
	50	WUP3-506-0.75	WUP3-506-0.75L	WUP3-506-0.75LN	0.75	3	0.05	15.5	0.25	6.2

*1 : The pump performs automatic operation by one(1) pump

*2 : The pump performs automatic alternate/parallel operation in combination with L type

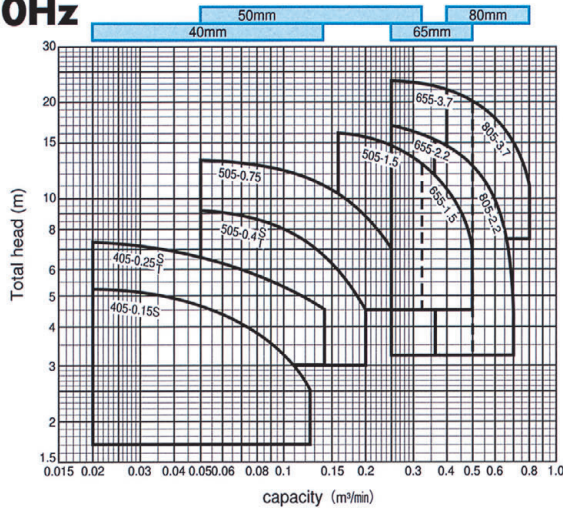
Product Figure

	FOOT MOUNT TYPE	AUTO CONNECTION TYPE
WUP3-32 $\frac{5}{8}$ -0.15S		
WUP3-40 $\frac{5}{8}$ -0.25S		
WUP3-40 $\frac{5}{8}$ -0.25T		
WUP3-50 $\frac{5}{8}$ -0.4S		
WUP3-50 $\frac{5}{8}$ -0.4T		
WUP3-50 $\frac{5}{8}$ -0.75		
WUO3-40 $\frac{5}{8}$ -0.15S		
WUO3-40 $\frac{5}{8}$ -0.25S		
WUO3-40 $\frac{5}{8}$ -0.25T		
WUO3-50 $\frac{5}{8}$ -0.4S		
WUO3-50 $\frac{5}{8}$ -0.4T		
WUO3-50 $\frac{5}{8}$ -0.75		
WUO-50 $\frac{5}{8}$ -1.5		
WUO-65 $\frac{5}{8}$ -1.5		
WUO-65 $\frac{5}{8}$ -2.2		
WUO-65 $\frac{5}{8}$ -3.7		
WUO-80 $\frac{5}{8}$ -2.2		
WUO-80 $\frac{5}{8}$ -3.7		

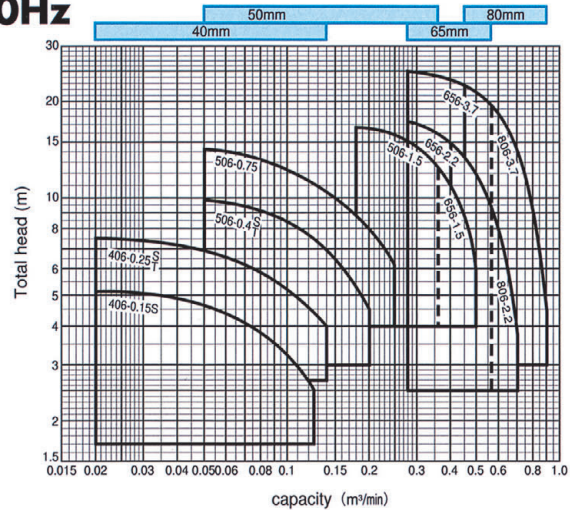
Selection chart & table

WUO(3)

50Hz



60Hz



Hz	BORE (mm)	PUMP MODEL			Motor		Capacity (m³/min)	Head (m)	Capacity (m³/min)	Head (m)
		MANUAL TYPE	AUTO TYPE (*1)	AUTO TYPE (*2)	(kW)	Phase				
50	40	WUO3-405-0.15S	WUO3-405-0.15SL	WUO3-405-0.15SLN	0.15	1	0.02	5.2	0.125	2.5
		WUO3-405-0.25S	WUO3-405-0.25SL	WUO3-405-0.25SLN	0.25	1	0.02	7.2	0.14	4.5
		WUO3-405-0.25T	WUO3-405-0.25TL	WUO3-405-0.25TLN	0.25	3	0.02	7.2	0.14	4.5
	50	WUO3-505-0.4S	WUO3-505-0.4SL	WUO3-505-0.4SLN	0.4	1	0.05	9.2	0.2	4.5
		WUO3-505-0.4T	WUO3-505-0.4TL	WUO3-505-0.4TLN	0.4	3	0.05	9.2	0.2	4.5
		WUO3-505-0.75	WUO3-505-0.75L	WUO3-505-0.75LN	0.75	3	0.05	13.2	0.25	7
	65	WUO-505-1.5	WUO-505-1.5L	WUO-505-1.5LN	1.5	3	0.16	16	0.32	13.2
		WUO-655-1.5	WUO-655-1.5L	WUO-655-1.5LN	1.5	3	0.25	14.5	0.5	6.8
		WUO-655-2.2	WUO-655-2.2L	WUO-655-2.2LN	2.2	3	0.25	17	0.5	12.8
	80	WUO-655-3.7	WUO-655-3.7L	WUO-655-3.7LN	3.7	3	0.25	23.5	0.5	20.2
		WUO-805-2.2	WUO-805-2.2L	WUO-805-2.2LN	2.2	3	0.36	15.5	0.7	4.8
		WUO-805-3.7	WUO-805-3.7L	WUO-805-3.7LN	3.7	3	0.4	21.5	0.8	11.2
60	40	WUO3-406-0.15S	WUO3-406-0.15SL	WUO3-406-0.15SLN	0.15	1	0.02	5.2	0.125	2.5
		WUO3-406-0.25S	WUO3-406-0.25SL	WUO3-406-0.25SLN	0.25	1	0.02	7.5	0.14	4
		WUO3-406-0.25T	WUO3-406-0.25TL	WUO3-406-0.25TLN	0.25	3	0.02	7.5	0.14	4
	50	WUO3-506-0.4S	WUO3-506-0.4SL	WUO3-506-0.4SLN	0.4	1	0.05	9.8	0.2	4.5
		WUO3-506-0.4T	WUO3-506-0.4TL	WUO3-506-0.4TLN	0.4	3	0.05	9.8	0.2	4.5
		WUO3-506-0.75	WUO3-506-0.75L	WUO3-506-0.75LN	0.75	3	0.05	14.2	0.25	6.2
	65	WUO-506-1.5	WUO-506-1.5L	WUO-506-1.5LN	1.5	3	0.18	16.8	0.36	12.5
		WUO-656-1.5	WUO-656-1.5L	WUO-656-1.5LN	1.5	3	0.28	14.8	0.5	6
		WUO-656-2.2	WUO-656-2.2L	WUO-656-2.2LN	2.2	3	0.28	17.5	0.56	9.2
	80	WUO-656-3.7	WUO-656-3.7L	WUO-656-3.7LN	3.7	3	0.28	25	0.56	19.8
		WUO-806-2.2	WUO-806-2.2L	WUO-806-2.2LN	2.2	3	0.4	15.2	0.7	3.8
		WUO-806-3.7	WUO-806-3.7L	WUO-806-3.7LN	3.7	3	0.45	22.2	0.9	4.5

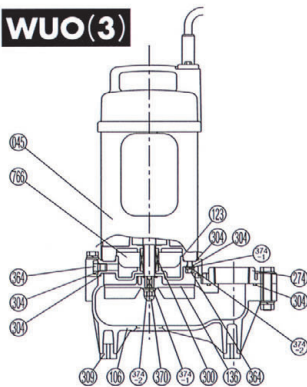
*1 : The pump performs automatic operation by one(1) pump

*2 : The pump performs automatic alternate/parallel operation in combination with L type

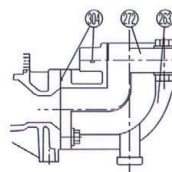
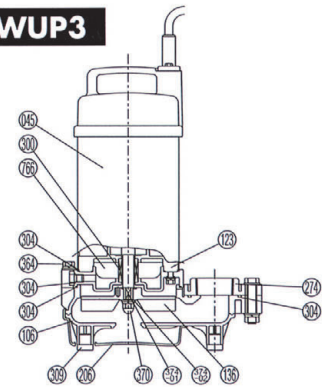
Parts List

No.	Part Name	Material
045	Motor	
106	Casing	Resin
123	Casing cover	Resin
136	Impeller	Resin
206	Strainer	Resin
263	Connecting elbow	Resin
272	Square flange	Resin
274	Rhombic flange	Resin
300	Mechanical seal	
304	O-ring	Rubber
309	Packing	Rubber
360-1	Ribbet	SUS304
360-2	Pan head screw	SUS304
364	Bolt	SUS304
370	Impeller nut	SUS304
374-01	Spring washer	SUS304
374-02	Plain washer	SUS304
397	Clamp	Resin
490	Rod	Resin
564	Float switch	
766	Turbine oil	

WUO(3)



WUP3



Dimensions

Unit : mm

	FOOT MOUNT TYPE						AUTO CONNECTION TYPE											
	PUMP		WATER LEVEL		kgs	Fig.	PUMP				WATER LEVEL		OTHERS			Guide pipe	kgs	Fig.
	PH	W	U1	U2			DC	TL	W1	W2	U1	U2	BP	GA	GD			
WUP3-325-0.15S	330	210	100	210	6	1	320	410	71	143	165	275	95	15		2x25A	6	2
WUP3-405-0.25S	340	210	110	220	8		320	410	71	143	165	285	95	15		2x25A	8	
WUP3-405-0.25T	325	210	110	210	7		320	410	71	143	165	275	95	15		2x25A	7	
WUP3-505-0.4S	360	234	110	240	9		330	434	85	170	160	290	95	15		2x25A	9	
WUP3-505-0.4T	340	234	110	220	8		330	434	85	170	160	270	95	15		2x25A	8	
WUP3-505-0.75	360	234	110	240	10		330	434	85	170	160	290	95	15		2x25A	10	
WUP3-326-0.15S	330	210	100	210	6		320	410	71	143	165	275	95	15		2x25A	6	
WUP3-406-0.25S	336	210	100	216	6		320	410	71	143	165	281	95	15		2x25A	6	
WUP3-406-0.25T	320	210	100	200	5		320	410	71	143	165	165	95	15		2x25A	5	
WUP3-506-0.4S	360	234	110	240	9		330	434	85	170	160	290	95	15		2x25A	9	
WUP3-506-0.4T	340	234	110	220	8	330	434	85	170	160	270	95	15		2x25A	8		
WUP3-506-0.75	360	234	110	240	10	330	434	85	170	160	290	95	15		2x25A	10		
WUO3-405-0.15S	370	208	140	250	6	1	320	408	69	138	205	315	95	15		2x25A	6	2
WUO3-405-0.25S	376	208	140	256	6		320	408	69	138	205	321	95	15		2x25A	6	
WUO3-405-0.25T	360	208	140	240	5		320	408	69	138	205	305	95	15		2x25A	5	
WUO3-505-0.4S	390	228	140	270	9		330	428	79	158	190	320	95	15		2x25A	9	
WUO3-505-0.4T	370	228	140	250	8		330	428	79	158	190	300	95	15		2x25A	8	
WUO3-505-0.75	390	228	140	270	10		330	428	79	158	190	320	95	15		2x25A	10	
WUO3-406-0.15S	370	208	140	250	6		320	408	69	138	165	275	95	15		2x25A	6	
WUO3-406-0.25S	376	208	140	256	6		320	408	69	138	165	281	95	15		2x25A	6	
WUO3-406-0.25T	360	208	140	240	5		320	408	69	138	165	265	95	15		2x25A	5	
WUO3-506-0.4S	390	228	140	270	9		330	428	79	158	160	290	95	15		2x25A	9	
WUO3-506-0.4T	370	228	140	250	8	330	428	79	158	160	270	95	15		2x25A	8		
WUO3-506-0.75	390	228	140	270	10	330	428	79	158	160	290	95	15		2x25A	10		
WUO-505-1.5	442	362	195	330	16	3	360	512	87	179	226	360	110	40	110	32A	14	4
WUO-655-1.5	442	362	195	330	16		360	512	87	179	226	360	110	40	110	32A	14	
WUO-655-2.2	514	372	195	400	20		390	552	97	216	221	426	130	55	115	40A	19	
WUO-655-3.7	551	372	195	440	26		390	552	97	216	221	466	130	55	115	40A	25	
WUO-805-2.2	514	372	195	400	20		390	552	97	216	221	426	130	55	115	40A	19	
WUO-805-3.7	551	372	195	440	26		390	552	97	216	221	466	130	55	115	40A	25	
WUO-506-1.5	442	362	195	330	14		360	512	87	179	226	360	110	40	110	32A	14	
WUO-656-1.5	442	362	195	330	14		360	512	87	179	226	360	110	40	110	32A	14	
WUO-656-2.2	514	372	195	400	19		390	552	97	216	221	426	130	55	115	40A	19	
WUO-656-3.7	551	372	195	440	25		390	552	97	216	221	466	130	55	115	40A	25	
WUO-806-2.2	514	372	195	400	19	390	552	97	216	221	426	130	55	115	40A	19		
WUO-806-3.7	551	372	195	440	25	390	552	97	216	221	466	130	55	115	40A	25		

Fig.1

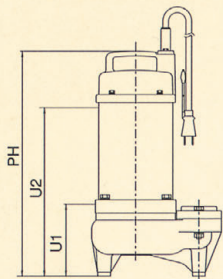
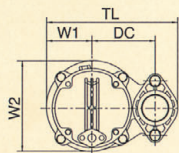


Fig.2

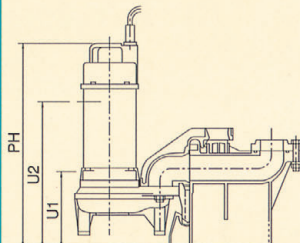
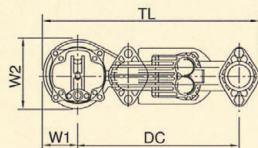


Fig.3

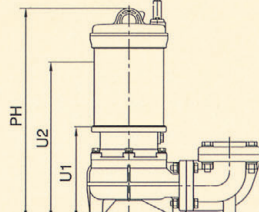
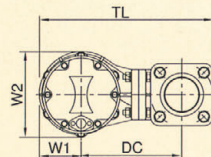
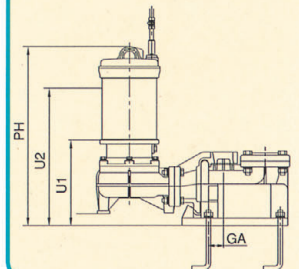
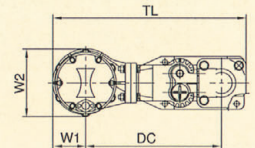


Fig.4



Distributor

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