



EBARA



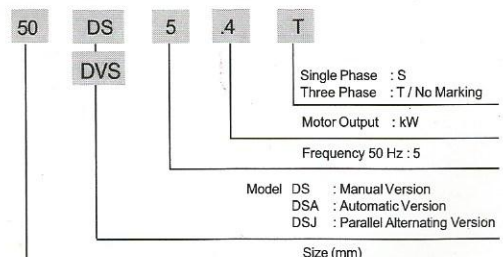
DS/DVS13CT-R0E

D'SERIES SUBMERSIBLE PUMPS

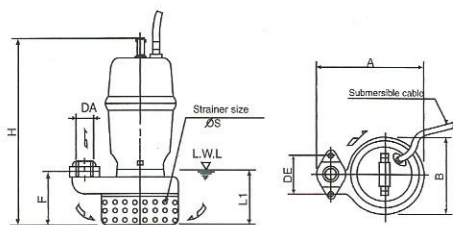
Model DS / DVS

50Hz





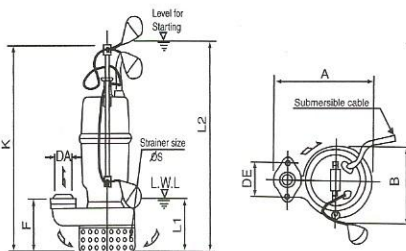
Manual type



Unit: mm

Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
50 Hz				A	B	F	H	DE	S	L1		
40	40DS5.25S	0.25	Single	219	156	80	358	80	7	85	12	
	40DS5.25	0.25	Three	219	156	80	358	80	7	85	12	
	50DS5.4S	0.4	Single	260	186	99	433	96	8	110	17	
	50DS5.4	0.4	Three	260	186	99	396	96	8	110	16	
	50DS5.75	0.75	Three	260	186	99	396	96	8	110	17	
	50DS51.5	1.5	Three	266	200	115	450	96	10	120	25	

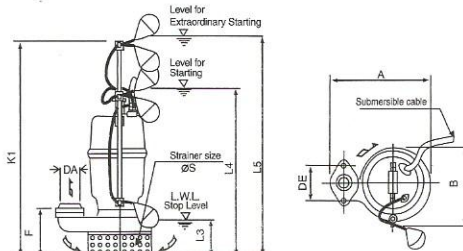
Automatic type



Unit: mm

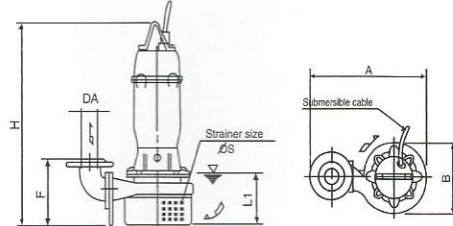
Size Ø	Model	Out Put kW	Phase	Pump and Motor												Weight (Mass) kg
50 Hz				A	B	F	DE	S	K	L1	L2					
40	40DSA5.25S	0.25	Single	219	185	80	80	7	530	150	490	13				
	40DSA5.25	0.25	Three	219	185	80	80	7	530	150	490	13				
	50DSA5.4S	0.4	Single	260	200	99	96	8	530	150	490	18				
	50DSA5.4	0.4	Three	260	200	99	96	8	530	150	490	17				
	50DSA5.75	0.75	Three	260	200	99	96	8	530	150	490	18				
	50DSA51.5	1.5	Three	266	207	115	96	10	530	150	490	26				

Parallel Alternate type



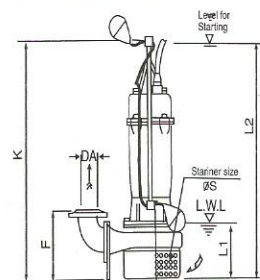
Unit: mm

Size Ø	Model	Out Put kW	Phase	Pump and Motor													Weight (Mass) kg
50 Hz				A	B	F	DE	S	K1	L3	L4	L5					
40	40DSJ5.25S	0.25	Single	219	185	80	80	7	640	120	410	600	14				
	40DSJ5.25	0.25	Three	219	185	80	80	7	640	120	410	600	14				
	50DSJ5.4S	0.4	Single	260	200	99	96	8	640	120	410	600	18				
	50DSJ5.4	0.4	Three	260	200	99	96	8	640	120	410	600	17				
	50DSJ5.75	0.75	Three	260	200	99	96	8	640	120	410	600	18				
	50DSJ51.5	1.5	Three	268	207	115	96	10	640	120	410	600	27				



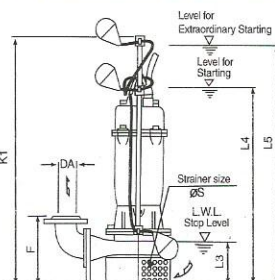
Unit: mm

Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
50 Hz				A	B	F	H	S	L1			
50	50DS5.2	2.2	Three	433	245	198	619	10	160	55		
	50DS5.7	3.7	Three	433	245	198	619	10	160	61		
	65DS51.5	1.5	Three	407	210	197	503	10	120	35		
80	80DS52.2	2.2	Three	503	268	215	625	10	160	59		
	80DS53.7	3.7	Three	503	268	215	625	10	160	64		



Unit: mm

Size Ø	Model	Out Put kW	Phase	Pump and Motor												Weight (Mass) kg
50 Hz				A	B	F	S	K	L1	L2						
50	50DSA52.2	2.2	Three	433	248	198	10	800	270	760	61					
	50DSA53.7	3.7	Three	433	248	198	10	800	270	760	67					
	65DSA51.5	1.5	Three	407	210	197	10	530	150	490	36					
80	80DSA52.2	2.2	Three	503	268	215	10	800	270	760	65					
	80DSA53.7	3.7	Three	503	268	215	10	800	270	760	70					

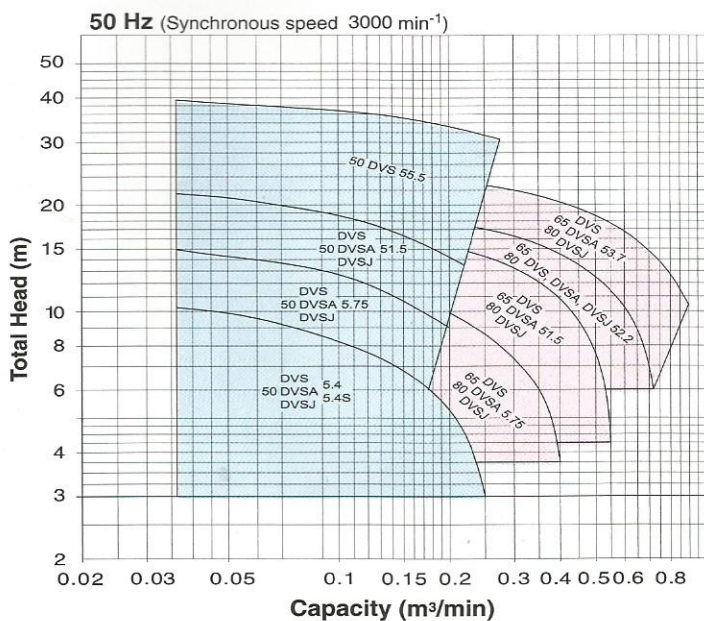


Unit: mm

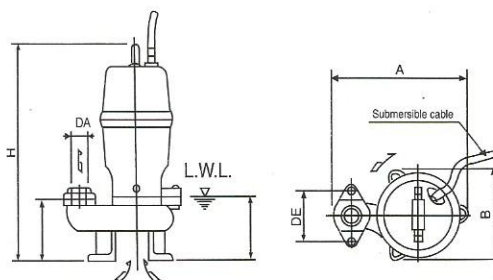
Size Ø	Model	Out Put kW	Phase	Pump and Motor													Weight (Mass) kg
50 Hz				A	B	F	S	K1	L3	L4	L5						
50	50DSJ52.2	2.2	Three	433	248	198	10	910	240	680	870	62					
	50DSJ53.7	3.7	Three	433	248	198	10	910	240	680	870	67					
	65DSJ51.5	1.5	Three	407	210	197	10	640	120	410	600	36					
80	80DSJ52.2	2.2	Three	503	268	215	10	910	240	680	870	65					
	80DSJ53.7	3.7	Three	503	268	215	10	910	240	680	870	70					

Model DVS

Selection Charts

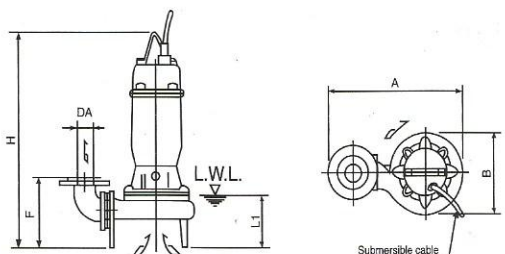


Manual type



Unit: mm

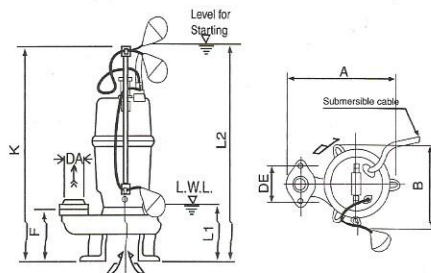
Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
50				A	B	F	H	DE	L1			
50	50DVS5.4S	0.4	Single	239	160	82	435	96	105	18		
	50DVS5.4	0.4	Three	239	160	82	398	96	105	17		
	50DVS5.75	0.75	Three	249	171	82	400	96	105	19		
	50DVS1.5	1.5	Three	249	171	82	440	96	105	19		



Unit: mm

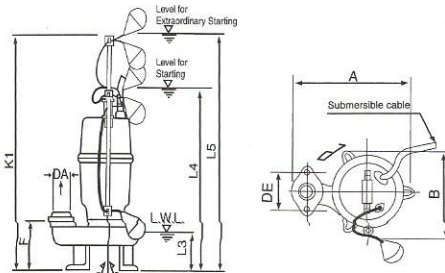
Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
50				A	B	F	H	L1				
50	50DVS55.5	5.5	Three	444.5	234	161	676	105	75			
	65DVS5.75	0.75	Three	396	195	178	503	125	25			
	65DVS1.5	1.5		396	195	178	521	125	24			
	65DVS52.2	2.2		427	227	201	643	155	50			
65	65DVS53.7	3.7		427	227	201	643	155	59			
	80DVS5.75	0.75	Three	411	195	183	503	125	26			
	80DVS1.5	1.5		411	195	183	521	125	35			
	80DVS52.2	2.2		442	227	206	643	155	51			
	80DVS53.7	3.7		442	227	206	643	155	60			

■ Automatic type



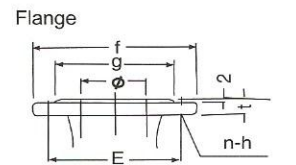
Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
				A	B	F	DE	K	L1	L2	L3	
50	50DVSJ5.4S	0.4	Single	239	183	82	96	530	150	490	20	20
	50DVSJ5.4	0.4	Three	239	183	82	96	530	150	490	18	18
	50DVSJ5.75	0.75	Three	249	197	82	96	530	150	490	20	20
	50DVSJ5.15	1.5	Three	249	201	82	96	530	150	490	30	30

■ Parallel Alternate type



Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
				A	B	F	DE	K1	L3	L4	L5	
50	50DVSJ5.4S	0.4	Single	239	183	82	96	530	120	410	600	20
	50DVSJ5.4	0.4	Three	239	183	82	96	530	120	410	600	19
	50DVSJ5.75	0.75	Three	249	197	82	96	530	120	410	600	20
	50DVSJ5.15	1.5	Three	249	201	82	96	530	120	410	600	30

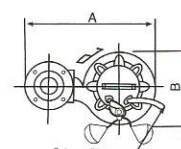
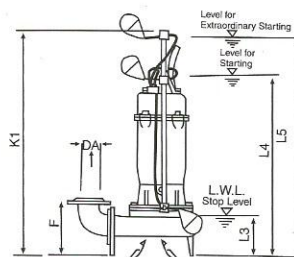
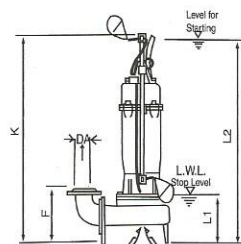
■ Flange Dimensions



Unit: mm	Ø	e	f	g	h	n	h
	50	120	155	100	18	4	15
	65	140	175	120	18	4	15
	80	150	185	130	18	8	15
	100	175	210	155	20	8	15
	150	240	280	215	22	8	19
	200	290	330	265	24	12	19
	250	355	400	325	30	12	25
	300	400	445	370	32	16	25

■ Float Switch

FLOAT SWITCH	
Model	CDL024060 A
Temperature	0-50°C
Function of contact	Up = ON Down = OFF
Voltage	AC 24V DC 24 V
Max Current	AC 0.5A DC 0.5A
Contact Capacity	AC 10 VA DC 10 VA
Lead Wire	2x0.2mm²x6m



Size Ø	Model	Out Put kW	Phase	Pump and Motor								Weight (Mass) kg
				A	B	F	H	J	K	L1	L2	
65	65DVSJ5.75	0.75	Three	396	206	178	540	145	530	150	490	26
	65DVSJ5.15	1.5		396	210	178	572	145	530	150	490	35
	65DVSJ5.2.2	2.2		427	237	201	736	160	770	250	730	51
	65DVSJ5.3.7	3.7		427	237	201	796	160	770	250	730	60
80	80DVSJ5.75	0.75	Three	411	206	183	540	145	530	150	490	27
	80DVSJ5.15	1.5		411	210	183	572	145	530	150	490	36
	80DVSJ5.2.2	2.2		442	237	206	736	160	770	250	730	52
	80DVSJ5.3.7	3.7		442	237	206	796	160	770	250	730	61

Unit : mm											
Size Ø	Model	Out Put kW	Phase	Pump and Motor							Weight (Mass) kg
	50 Hz			A	B	F	K1	L3	L4	L5	
65	65DVSJ.5.75	0.75	Three	396	206	178	640	120	410	600	26
	65DVSJ.5.15	1.5		396	210	178	640	120	410	600	35
	65DVSJ.5.2.2	2.2		427	237	201	880	220	650	840	51
	65DVSJ.5.3.7	3.7		427	237	201	880	220	650	840	60
80	80DVSJ.5.75	0.75	Three	411	206	183	640	120	410	600	27
	80DVSJ.5.15	1.5		411	210	183	640	120	410	600	36
	80DVSJ.5.2.2	2.2		442	237	206	880	220	650	840	52
	80DVSJ.5.3.7	3.7		442	237	206	880	220	650	840	61



■ Options

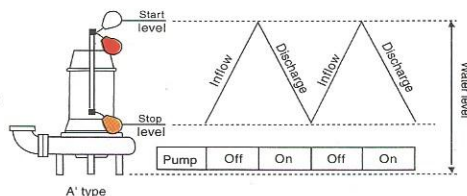
Automatic Operation ("A", "J" type)

All models up to 3.7kW are available as automatic (A' type) or parallel alternating (J' type) pumps with inbuilt control devices and float switches. There is no need for an external control panel, and operation can begin as soon as the pumps are installed and connected to a power source.

Single Pump Installation ("A" type)

A single automatic (A' type) pump is installed in the sump.

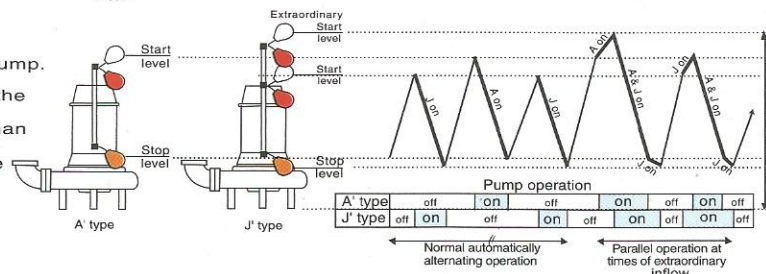
The pump automatically starts when the water level in the sump reaches the "start level", and stops when the pump has lowered the water level to the "stop level".



Duplex Pump Installation ("A" & "J" type)

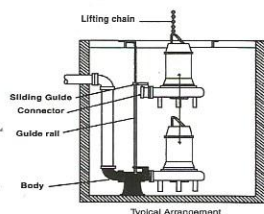
Two pumps, one A' type and one J' type are installed in the sump.

In normal operating conditions, operation alternates between the two pumps. In times of extraordinary inflow (inflow is greater than the capacity of a single pump), then the two pumps will operate together in parallel operation.



■ Quick Discharge Connection (QDC)

An optional quick discharge connector is available to suit all Ebara D-series submersible pumps, allowing easy removal and replacement of the pumps for maintenance purposes without having to enter the sump.



- Note: (1) Full details of the A' type, J' type and QDC dimensions are available in the respective model's