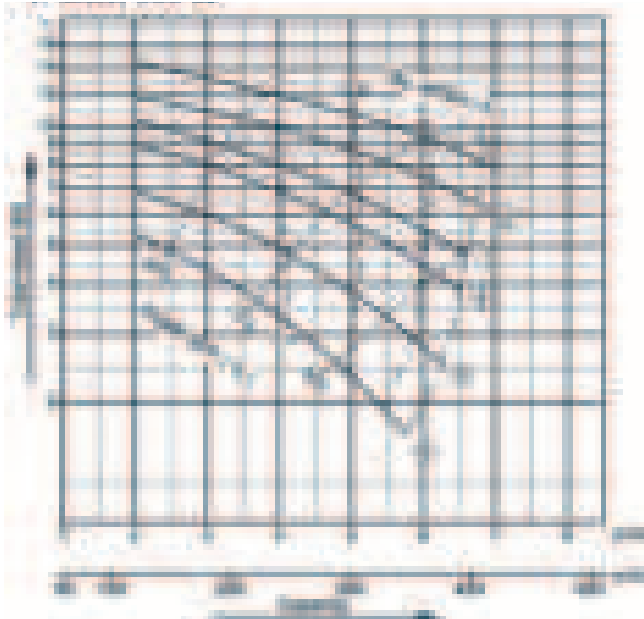


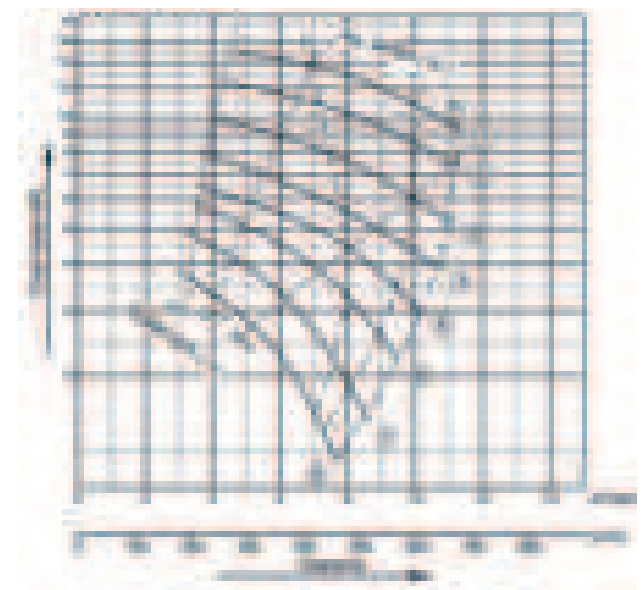
Selection Chart

Model 200 SZ



Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	1750	1520
2	1600	1115
3	1500	1113
4	1400	7.5 10
5	1250	5.5 7.5
6	1100	3.7 5.5

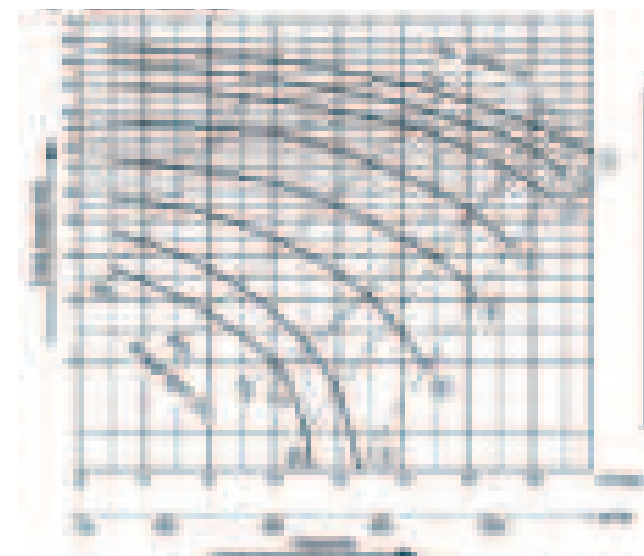
Model 250 SZ



Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	1450	30 40
2	1320	22 30
3	1180	15 20
4	1060	11 15
5	980	11 13.5
6	900	7.5 10
7	830	5.5 7.5
8	750	3.7 5

*No. 1 Direct Couple with electric motor

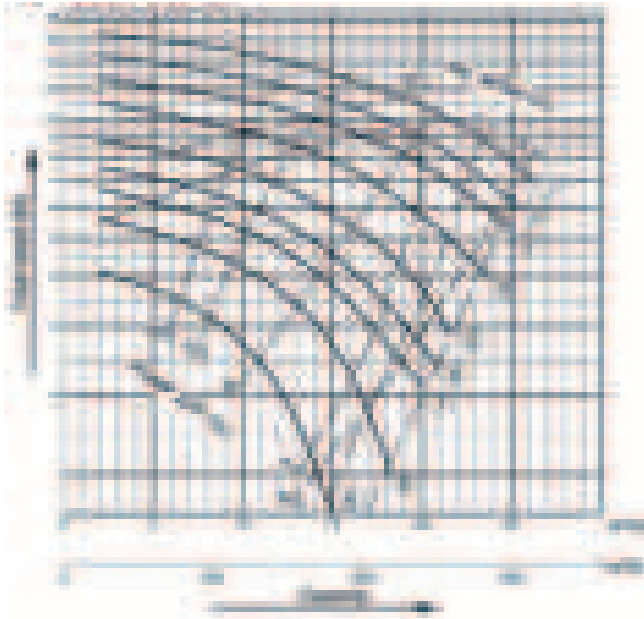
Model 300 SZ



Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	1240	4560
2	1170	3750
3	1100	3040
4	980	2230
5	880	1520
6	780	1115
7	690	7.5 10
8	620	5.5 7.5

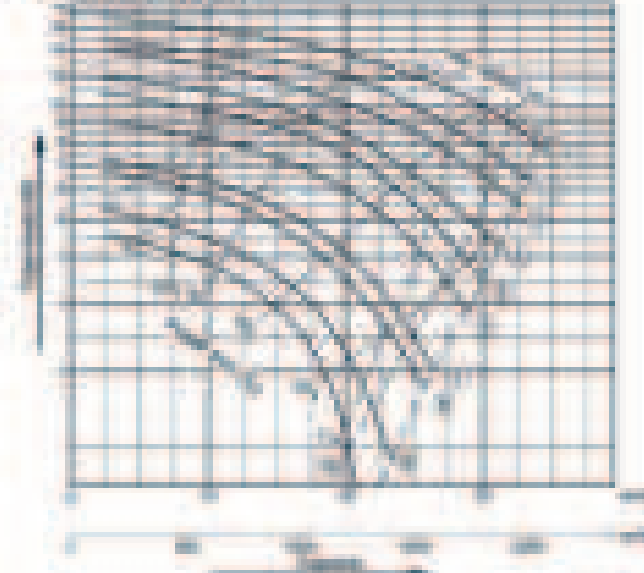
Selection Chart

Model 350 SZ



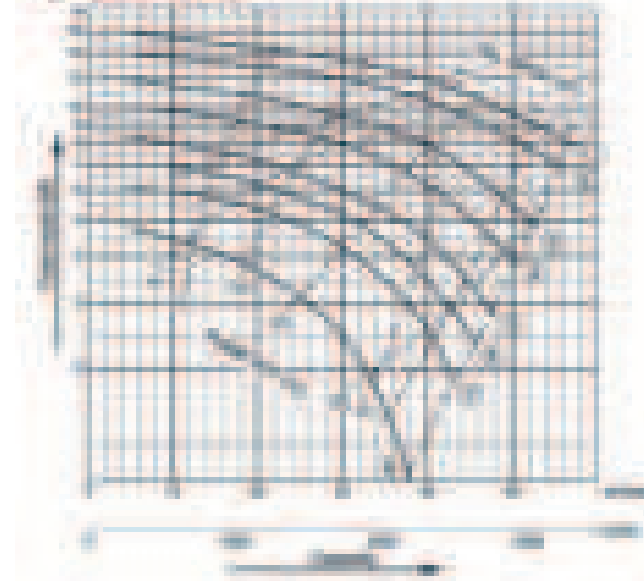
Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	1070	5575
2	1010	4560
3	950	3750
4	880	3040
5	795	2230
6	735	18.5 25
7	700	1520
8	625	1115
9	550	7.5 10

Model 400 SZ



Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	930	75 100
2	880	6080
3	825	5575
4	775	4560
5	730	3750
6	685	3040
7	610	2230
8	590	18.5 25
9	530	1520
10	490	1115

Model 500 SZ



Curve No.	Pump Rotations (Rpm)	Motor OutputEngine Output (kW) (HP)
1	735	110 150
2	705	95 130
3	640	75 100
4	590	55 75
5	535	45 60
6	500	37 45
7	470	30 40
8	420	22 30



SZ

EBARA Mix Flow Volute Pump



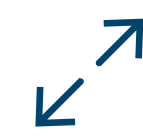
Features



High Efficiency and Frugal
Extremely high efficiency rate of 80%. Small drive motor required significantly reduces operating cost.



Trouble Free Operation
Semi-open impeller guarantees clog free operation.

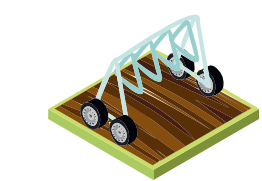


Large Capacity
Changes in water level will have little effect on pump capacity.



Easy Disassembly and Assembly
Impeller can be easily inspected without removing driver.

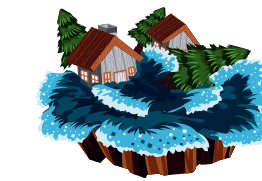
Application Fields



Irrigation



Industrial Use



Drainage/Flooding



Shrimp Ponds

Specification

Liquid Handling	
River Water, Fresh Water Below 80° C	
Max. Pressure	
Up to 10 Bar	
Construction	
Impeller	Mixed Flow Open Type
Bearing Type	Sealed Ball Bearing: 200-250 SZ Ball Bearing Oil Bath Type: 300-500 SZ
Flange	JIS 10K
Nozzle Position	Standard 200 - 250, 300 - 500 (Side Suction - Top Discharge) Optional 300 - 350 (Side Suction - Top Discharge)
Material	
Casing	FC250
Suction Cover	FC250
Impeller	FC200
Shaft	S35C-N



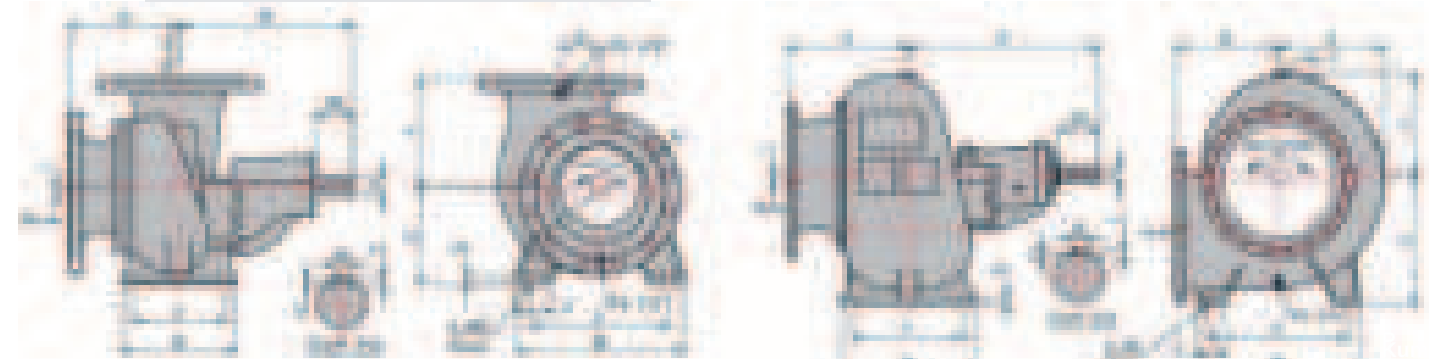
CONSTRUCTION



No.	Part Name	Material	Qty/Unit
001	Casing	FC250	1
012	Suction Cover	FC250	1
021	Impeller	FC200	1
031	Shaft	S35C-N	1
039-1	Impeller Key	S45C	1
039-2	Pulley Key	S45C	1
043	Impeller Nut	FC200	1
045	Distance Ring	SS400	1
051	Bearing Housing	FC200	1
053-1	Bearing Cover	FC200	1
053-2	Bearing Cover	FC200	1
056-1	Ball Bearing		1
056-2	Ball Bearing		1
070	Air Vent		1 Set
071	Flushing Pipe		1 Set



No.	Part Name	Material	Qty/Unit
090	Lantern Ring	BC6	1
091	Gland	BC6	1
114	Oil Seal		2
119	Gland Packing	#6501L	1 Set
122	Eye Bolt	S20C	2
124	Gland Bolt	BS BMD2	2
128	Bearing Nut	SS400	1
135-1	Impeller Washer	Brass	1
135-2	Bearing Washer	SS400	1
170	Air Breather		1
171	Oil Level Gauge		1
173	Deflector	SS400/NR	1
174	Sheet Gasket	Valqua	1



Model	fig.	Pump Dimensions														Shaft Dimensions					Pump Weight
		A	R	B	C	I	E	F	G	J	M	N	X	Y	Z	S	T	Q	R	W	Kg
200SZ	1	224	355	80	200	15	280	190	20	70	340	230	-	220	19	40	77	8	4.5	10	136
250SZ	1	289	380	100	240	15	330	235	22	80	400	280	-	260	19	40	78	8	4.5	10	145
300SZ	1	341	590	135	360	25	330	290	24	75	400	350	-	280	24	48	124	8	4.5	12	271
	2	341	590	280	360	25	330	290	24	75	400	350	280	257	24	48	124	8	4.5	12	220
350SZ	1	391	680	155	350	20	430	350	26	105	520	420	-	330	24	55	153	8	4.5	12	325
	2	391	680	330	420	20	410	350	26	90	490	420	330	307	24	55	153	8	4.5	12	310
400SZ	2	430	770	370	470	25	490	410	28	100	570	480	381	364	26	65	180	10	5	15	497
500SZ	2	540	850	460	580	31	620	500	32	125	720	600	476	451	26	75	180	12	6	18	840

Size	Flange Dimensions (JIS 10K)				n-ød	T	f
	D	g	e				
200 (8")	330	265	290	12-ø23	26	2	
250 (10")	400	325	355	12-ø25	30	2	
300 (12")	445	370	400	16-ø25	32	3	
350 (14")	490	415	445	16-ø25	34	3	
400 (16")	560	475	510	16-ø27	36	3	
500 (20")	675	585	620	20-ø27	40	3	



• The dimension may change without any prior notice, please Contact Us for confirmation and more detail.

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All specifications are subject to change without notice

Distributor/ Dealer