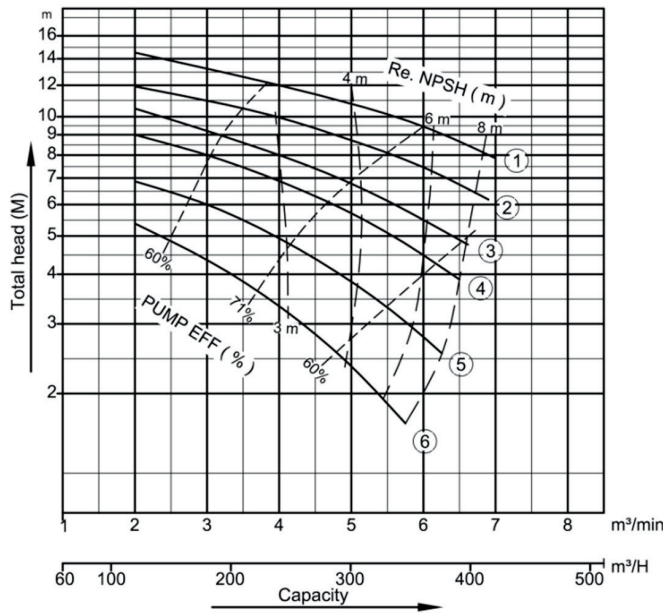


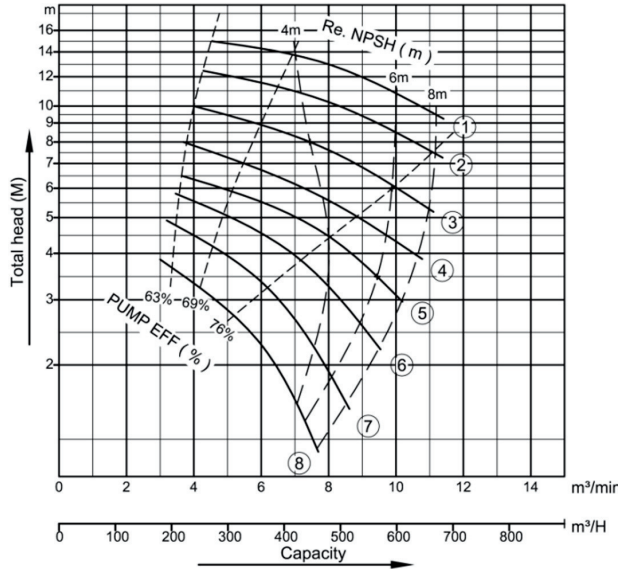
Selection Chart

Model 200 SZ



Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1750	15	20
2	1600	11	15
3	1500	11	13
4	1400	7.5	10
5	1250	5.5	7.5
6	1100	3.7	5.5

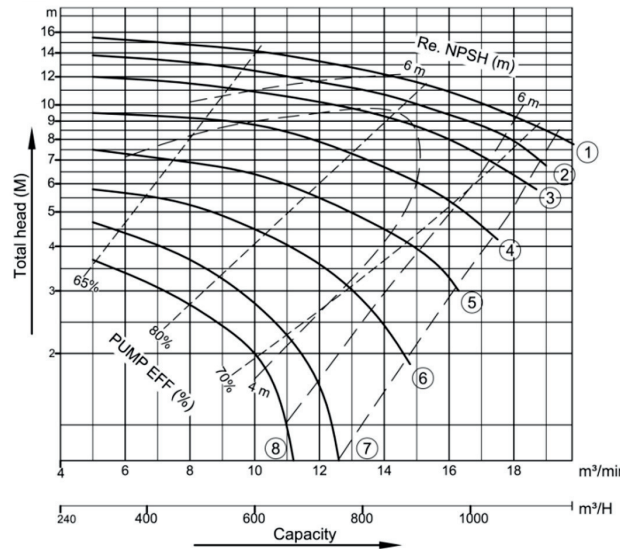
Model 250 SZ



Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (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

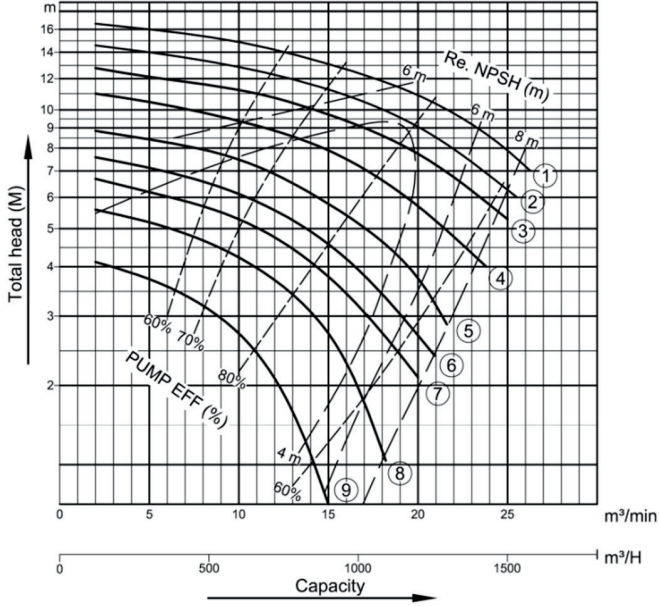
Model 300 SZ



Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1240	45	60
2	1170	37	50
3	1100	30	40
4	980	22	30
5	880	15	20
6	780	11	15
7	690	7.5	10
8	620	5.5	7.5

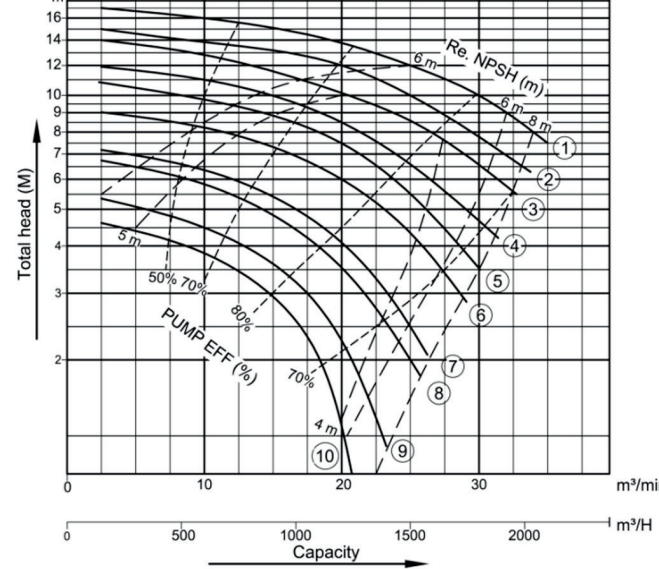
Selection Chart

Model 350 SZ



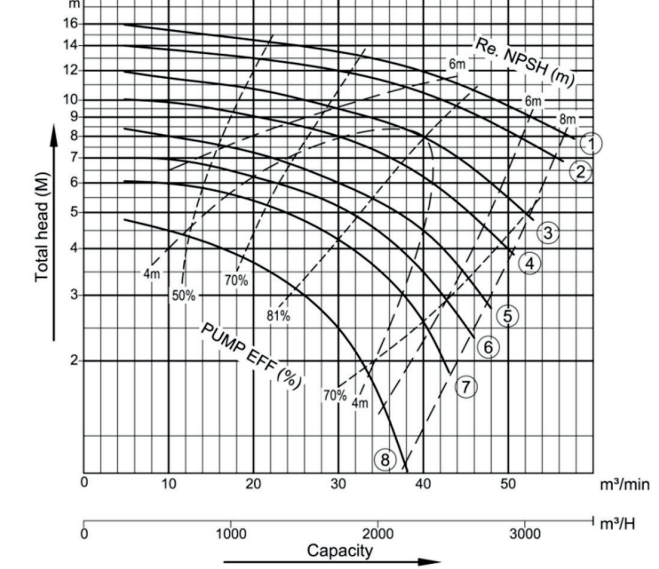
Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (HP)
1	1070	55	75
2	1010	45	60
3	950	37	50
4	880	30	40
5	795	22	30
6	735	18.5	25
7	700	15	20
8	625	11	15
9	550	7.5	10

Model 400 SZ

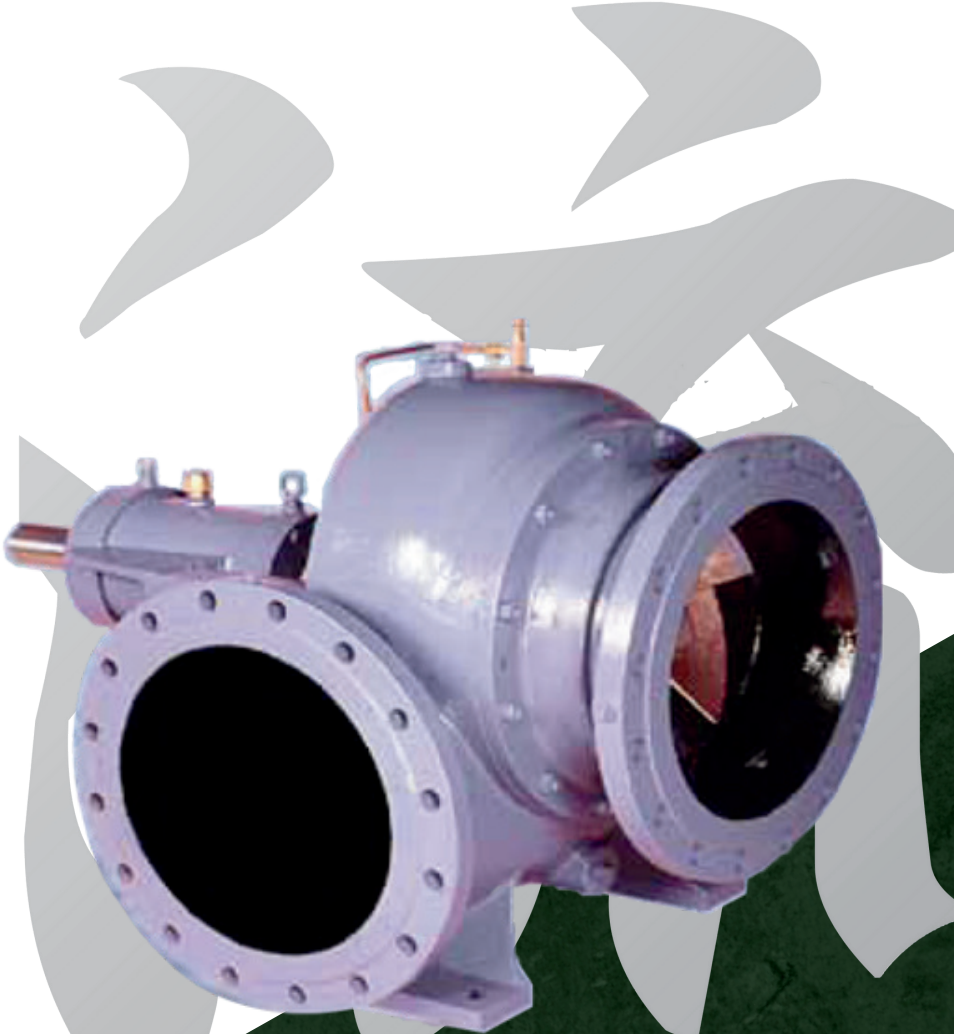


Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (HP)
1	930	75	100
2	880	60	80
3	825	55	75
4	775	45	60
5	730	37	50
6	685	30	40
7	610	22	30
8	590	18.5	25
9	530	15	20
10	490	11	15

Model 500 SZ



Curve No.	Pump Rotations (Rpm)	Motor Output (kW)	Engine Output (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



Nagare

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.

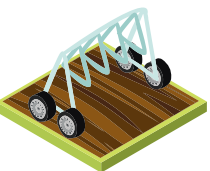


Large Capacity
Changes in water level will have little effect on pump capacity.



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

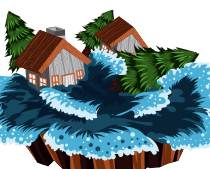
Application Fields



Irrigation



Industrial Use



Drainage/Flooding

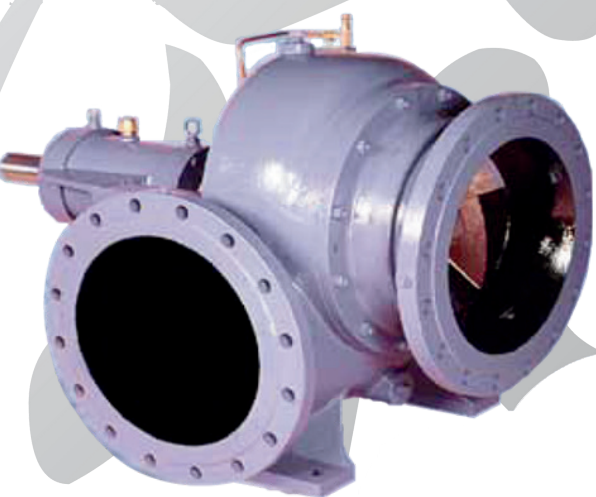


Shrimp Ponds

Specification

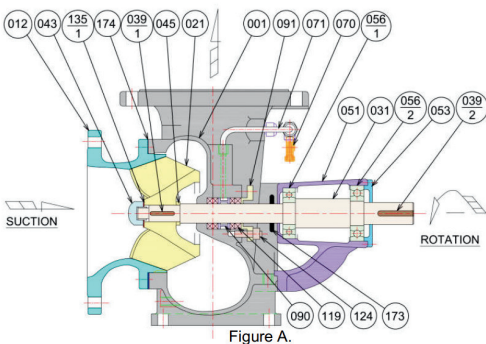
Liquid Handling	
River Water, Fresh Water Below 80° C	
Max. Pressure	
Up to 10 Bar	
Construction	
Impeller	Mixed Flow Open Type
Bearing Type	Sealed Ball Bearing: 200-250 SZ Ball Bearing Oil Bath Type: 300-500 SZ
Flange	JIS 10K
Nozzle Position	Standard 200 - 250, 300 - 500 (Side Suction - Top Discharge)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

Nagare



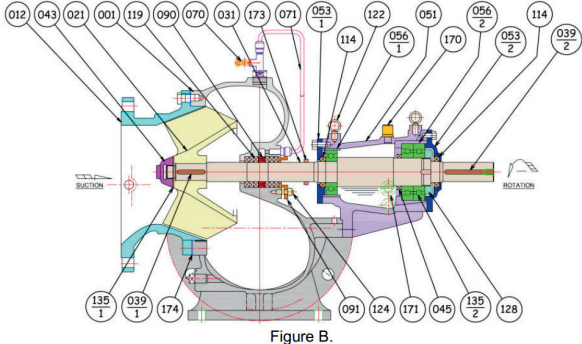
CONSTRUCTION

1. Model 200 - 350 SZ

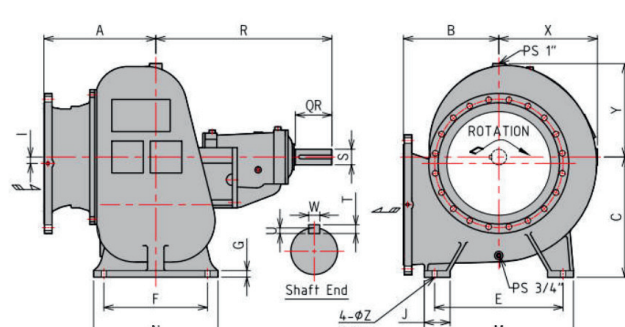
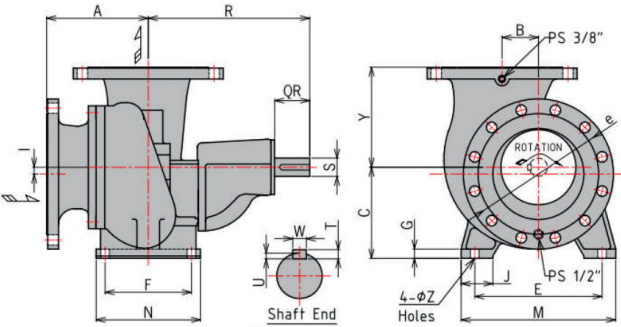


No.	Part Name	Material	Qty/Unit
001	Casing	FC250	1
012	Suction Cover	FC250	1
021	Impeller	Bronze, FC (Optional)	1
031	Shaft	Stainless Steel	1
039-1	Impeller Key	Stainless Steel	1
039-2	Pulley Key	Carbon Steel	1
043	Impeller Nut	FC200	1
045	Distance Ring	SS400	1
051	Bearing Housing	FC200	1
053-1	Bearing 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

2. Model 300 - 500 SZ

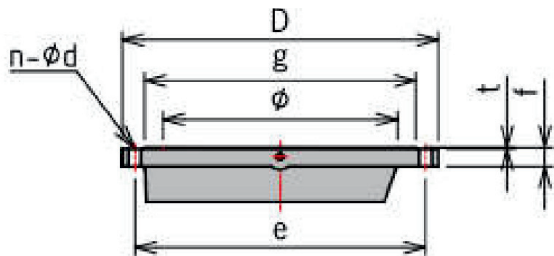


No.	Part Name	Material	Qty/Unit
090	Lantern Ring	BC6	1
091	Gland	BC6	1
114	Oil Seal		2
119	Gland Packing	#6501L	1 Set
122	Eye Bolt	S20C	2
124	Gland Bolt	BS BMD2	2
128	Bearing Nut	SS400	1
135-1	Impeller Washer	Brass	1
135-2	Bearing Washer	SS400	1
170	Air Breather		1
171	Oil Level Gauge		1
173	Deflector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



Model	fig.	Pump Dimensions													Shaft Dimensions					Pump Weight Kg	
		A	R	B	C	I	E	F	G	J	M	N	X	Y	Z	S	QR	T	U		W
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)					
	D	g	e	n-ød	T	f
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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www.ebara.co.jp



All specifications are subject to change without notice

Distributor/ Dealer