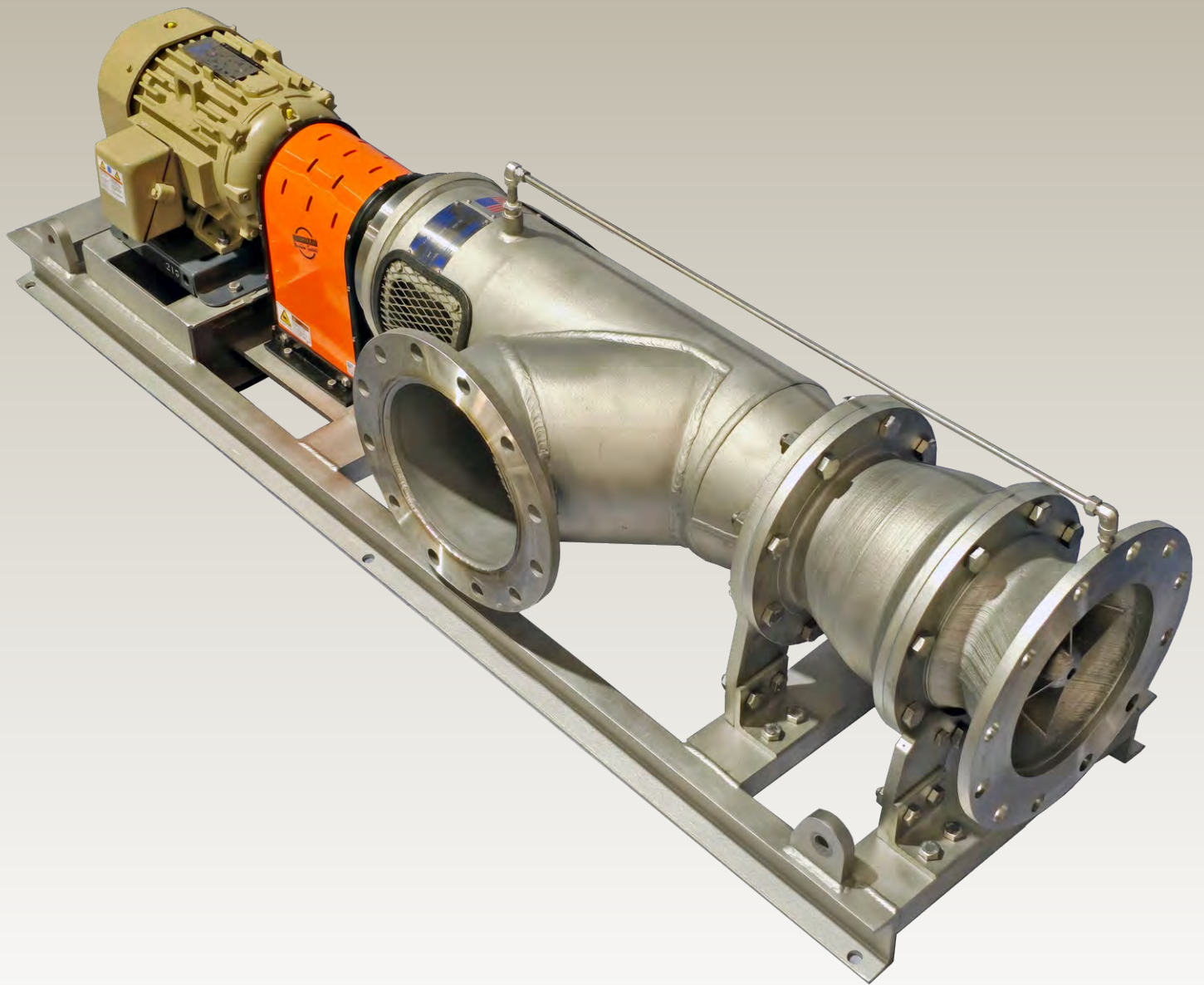
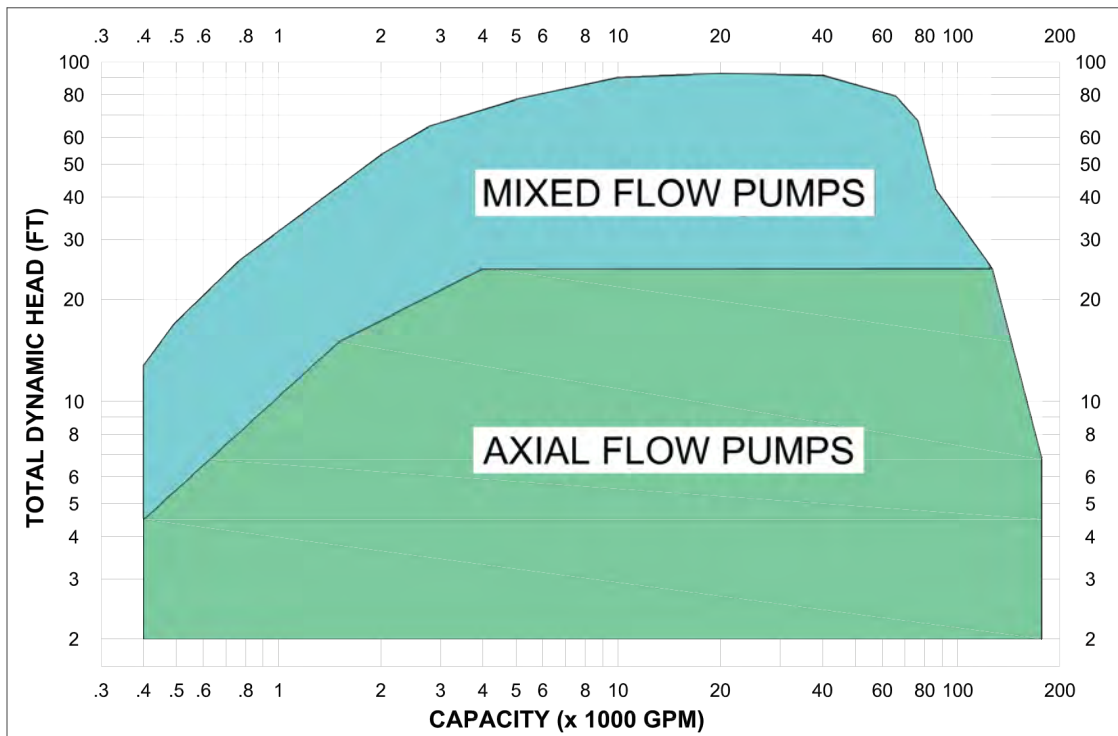


CASCADE PUMP COMPANY

...manufacturing mixed flow & axial flow pumps since 1948





Performance chart is based on single stage only. Other pump designs are available which include multiple stages and may cover ranges not shown.

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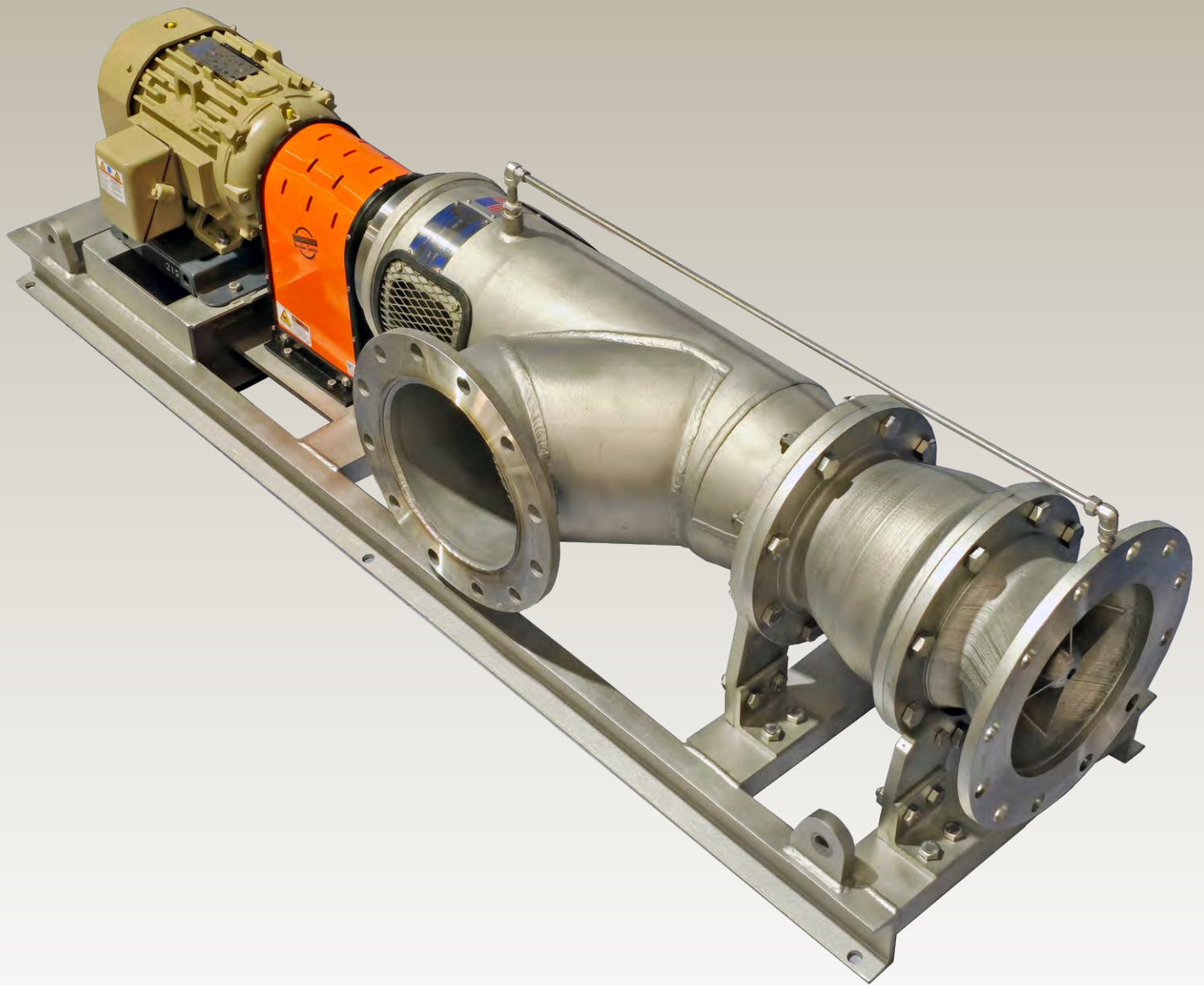
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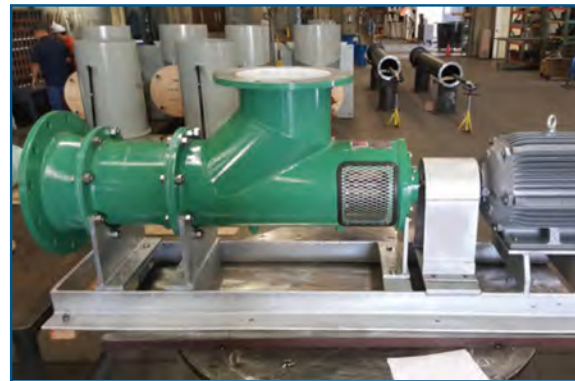


● HORIZONTAL PUMPS

Technical Features	
Flow Range	500 to 120,000 GPM
TDH	0' to 180'
NPSHr	Typical 10' to 35' of water at 75°F / 24°C
Suction Requirements	Flooded pipe
Working Static Pressure	125 PSI
Working Temperature	0°C to 85°C / 32°F to 185°F
Bowl Sizes	6" to 54"
System Requirements	Not typically run against closed valves, possible with VFD or for short transient condition. Can be used with check valves.
Specific Speed Range	5000 to 12000
Solids Handling	No
Bowl Materials	Cast Iron Bronze Fitted, 316 SS CF8M, or as customer specified
Shaft Options	416 SS, 316 SS, 17-4PH SS, Nitronic-50 SS (XM-19), or as customer specified
Lubrication Options	Product, Water Flush, Grease
Discharge Head/Elbow	Fabricated Steel, Fabricated 316 SS, Fabricated Duplex/Super Duplex SS, or as customer specified
Base	Fabricated Steel, Fabricated 316 SS
Coatings	Skotchkote 134, Hydroplate 1086, Pota Pox Plus N140, Coar Tar Epoxy, or as customer specified



Return Activated Sludge (RAS)



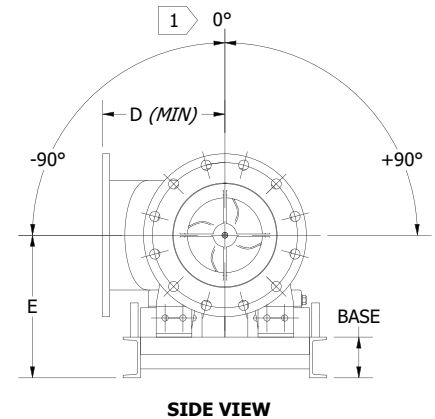
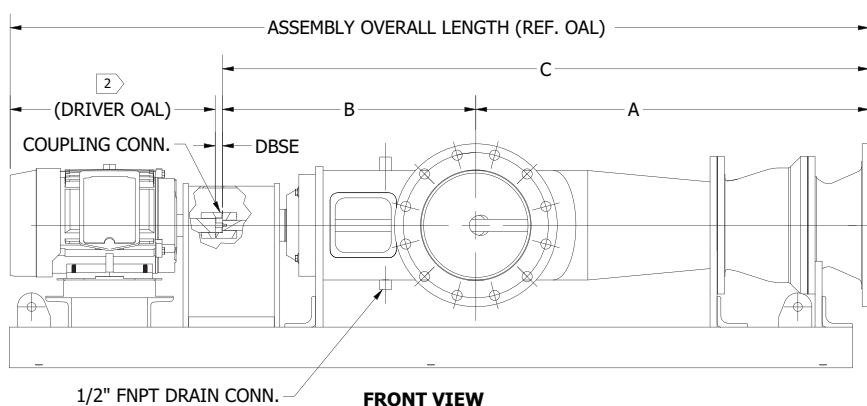
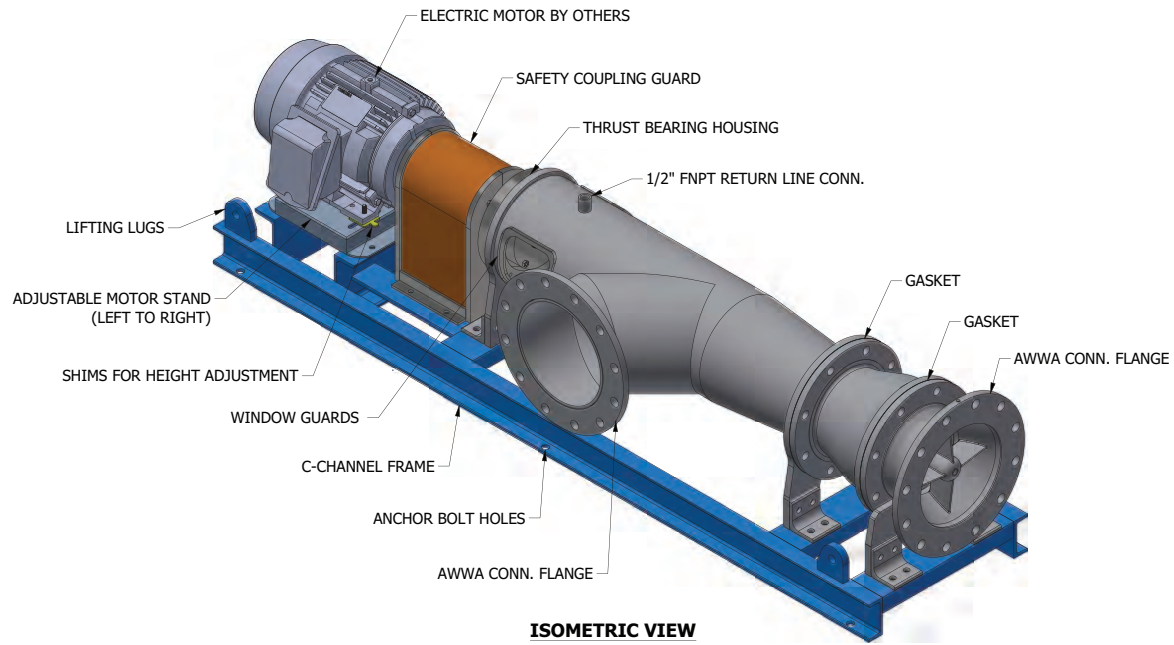
Circulation Pump at Hydraulics Laboratory



Fish Hatchery Recirculation – All 316 Stainless Construction



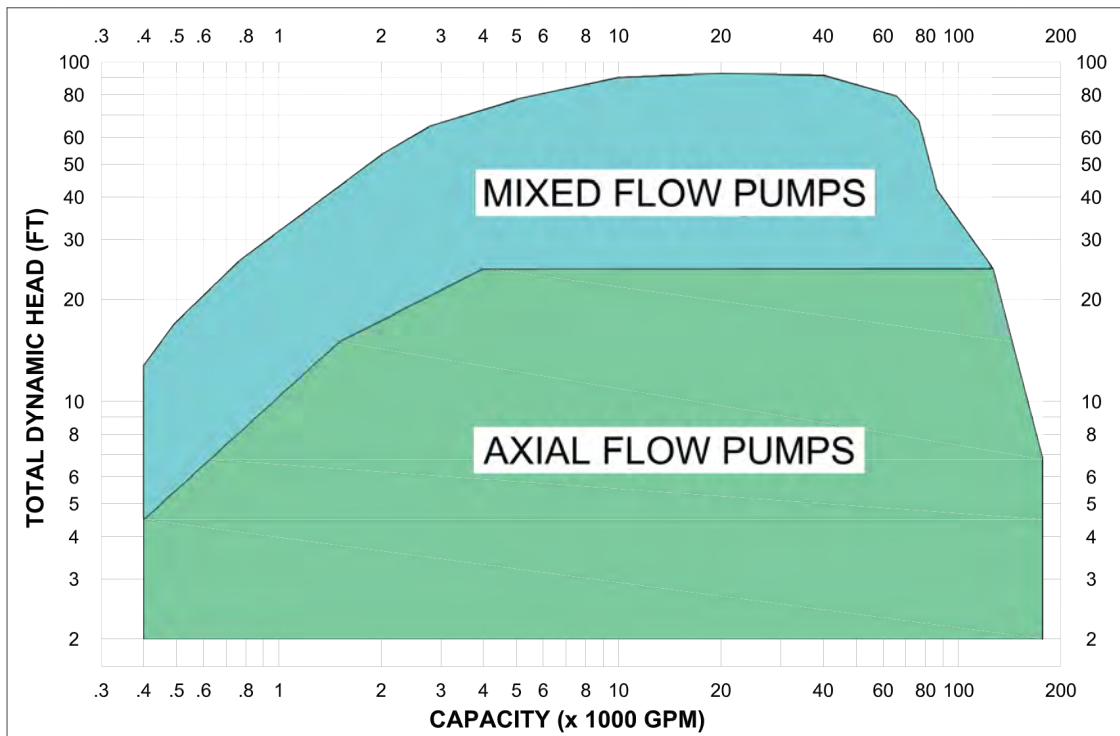
Industrial Circulation – All 316 Stainless Construction



48	50	44	139 in	62 in	201 in	48 in	38 in	6 in	72 in	273 in
42	48	40	138 in	59 in	197 in	43 in	37 in	6 in	72 in	269 in
36	42	34	122 in	54 in	176 in	37 in	34 in	6 in	72 in	248 in
30	38	30	110 in	51 in	161 in	31 in	31 in	6 in	72 in	233 in
24	32	24	95 in	41 in	136 in	25 in	28 in	6 in	60 in	196 in
20	24	20	83 in	39 in	122 in	21 in	23 in	6 in	50 in	172 in
16	20	16	69 in	33 in	102 in	17 in	19 in	4 in	46 in	148 in
14	18	14	60 in	30 in	90 in	15 in	18 in	4 in	35 in	124 in
12	16	12	55 in	28 in	83 in	14 in	17 in	4 in	30 in	113 in
11	14	10	53 in	28 in	82 in	15 in	16 in	4 in	25 in	107 in
10	12	10	40 in	25 in	65 in	12 in	15 in	4 in	25 in	90 in
8	10	8	36 in	24 in	60 in	10 in	13 in	4 in	25 in	85 in
6	10	8	41 in	23 in	64 in	8 in	13 in	4 in	25 in	89 in
PUMP SIZE	SUCT. BELL FLANGE	DISCH BOWL FLANGE	A (MIN)	B	C	D (MIN)	E (MIN)	BASE	DRIVER OAL	REF. OAL

NOTE: DIMENSIONS CAN BE CUSTOMIZED TO MEET CUSTOMER SPECIFICATIONS.

1. DISCHARGE CAN BE POSITIONED AT ANY ANGLE.
2. THE DIMENSIONS SHOWN ARE NOT REPRESENTATIVE OF ALL FRAME SIZES.



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