



HYDRAULIC PERFORMANCE TOLERANCE

Peerless Pump performance tests are determined acceptable based on the tolerances of the Hydraulic Institute, paragraph 2.6.5.3 Level "A", as follows (unless level "B" is customer specified).

At rated capacity;

Heads under 200 feet at 2999 US GPM and under = +8%, -0% Head

Heads under 200 feet at 3000 US GPM and over = +5%, -0% Head

Heads 201 feet to 500 feet, at any flow = +5%, -0% Head

Heads 501 feet and over, at any flow = +3%, -0 Head

OR

At rated head;

Capacity tolerance at rated head = +10%, -0% Capacity

The plus 8%, 5%, 3% head tolerances will result in a plus 8%, 5%, 3% pump horsepower requirement. Drivers must be selected allowing for the increased pump horsepower requirement.

Performance Guarantee

A guarantee of pump efficiency requires Peerless Pump factory engineering to determine and authorize a guarantee.

A Peerless Pump factory performance test is required for any performance guarantee.

A Peerless Pump factory authorized performance guarantees will be based on Peerless Pump factory testing.

A Peerless Pump factory determined and authorized efficiency guarantee will have a -0% tolerance.

A guarantee of pump performance is limited to one operating condition point only.



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
4LE		3500	5	42	79	6	28	3.08	3.08	2620742	65.4	64.8	63
6LB	Low Capacity	3500	28	98	168	13	65	4.18	4.47	2616324	73.9	73.3	45
6LB	High Capacity	3500	38	166	294	21	73	4.02	4.47	2616318	75.3	77.6	45
6LB	Medium Capacity	3500	38	128	218	18	67	4.25	4.47	2618292	71.0	78.5	45
7LB	Medium Capacity	3500	38	194	350	45	99	4.98	5.31	2626207	71.7	73.8	37
6MA		3500	38	218	398	31	75	4.19	4.44	V850	77.7	75.5	44
6HXB		3500	47	273	498	5	67	4.01	4.21	2607800	73.8	75.3	46
7LB	High Capacity	3500	57	275	492	45	106	4.98	5.31	2626208	74.0	74.5	37
7HXB	Low Capacity	3500	57	370	682	15	82	4.60	4.85	2607926	77.5	78.0	39
7HXB	High Capacity	3500	95	483	871	18	90	4.73	4.98	2607921	78.2	79.8	39
8MA	High Capacity	3500	95	493	890	26	120	5.19	5.66	T84234	74.6	74.8	37
9LA	High Capacity	3500	95	644	1193	34	173	6.19	6.69	T84323	80.7	75.4	28
8MA	Low Capacity	3500	95	417	739	36	109	5.19	5.66	T84229	76.0	78.2	37
9LA	Low Capacity	3500	95	497	899	30	161	6.19	6.69	T84391	72.8	73.0	28
8LB	High Capacity	3500	114	408	701	45	133	5.58	5.94	2616465	76.6	77.2	34
8LB	Low Capacity	3500	114	351	587	14	123	5.53	5.94	2616464	75.9	77.2	34
8HXB		3500	151	739	1326	11	115	5.23	5.61	2616348	77.9	78.7	36
10LB	High Capacity	3500	189	776	1363	100	214	7.00	7.50	2625033	79.1	78.2	25
10LB	Medium Capacity	3500	189	710	1231	42	193	7.05	7.50	2625032	78.5	78.3	25
12LD	Low Capacity	3500	284	1392	2500	49	347	8.41	9.34	2649365	82.1	82.1	18
12LDT		3500	284	1089	1894	125	341	8.18	9.01	4602394	84.1	83.6	23
12LD	High Capacity	3500	379	1529	2679	117	358	8.41	9.34	2634820	81.2	79.2	18
6LB	Low Capacity	1770	14	50	85	3	17	4.18	4.47	2616324	73.9	73.3	45
6LB	High Capacity	1770	19	84	148	5	19	4.02	4.47	2616318	75.3	77.6	45
6LB	Medium Capacity	1770	19	65	110	5	17	4.25	4.47	2618292	71.0	78.5	45
7LB	Medium Capacity	1770	19	98	177	12	25	4.98	5.31	2626207	73.5	75.6	37
6MA		1770	19	110	201	8	19	4.19	4.44	V850	77.7	75.5	44
6HXB		1770	24	138	252	1	17	4.01	4.21	2607800	75.0	76.5	46



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
7LB	High Capacity	1770	29	139	249	11	27	4.98	5.31	2626208	74.0	77.3	37
7HXB	Low Capacity	1770	29	187	345	4	21	4.60	4.85	2607926	80.5	81.0	39
7HXB	High Capacity	1770	48	245	441	5	23	4.73	4.98	2607921	79.9	81.5	39
8MA	High Capacity	1770	48	249	450	7	31	5.19	5.66	T84234	78.5	78.7	37
9LA	High Capacity	1770	48	326	603	9	44	6.19	6.69	T84323	80.7	81.5	28
8MA	Low Capacity	1770	48	211	373	9	28	5.19	5.66	T84229	77.0	79.2	37
9LA	Low Capacity	1770	48	252	455	8	41	6.19	6.69	T84391	79.7	80.0	28
8LB	High Capacity	1770	57	206	354	11	34	5.58	5.94	2616465	76.9	77.5	34
12MB	Low Capacity	1770	57	555	1053	21	65	7.94	8.88	2626936	82.1	82.0	22
8LB	Low Capacity	1770	57	177	297	4	31	5.53	5.94	2616464	75.9	77.2	34
8HXB		1770	77	374	670	3	29	5.23	5.61	2616348	81.1	82.0	36
10LB	High Capacity	1770	96	393	689	26	55	7.00	7.50	2625033	79.1	78.2	25
10HXB	Low Capacity	1770	96	527	958	10	44	6.39	6.70	T82337	85.0	82.0	28
10MA	Low Capacity	1770	96	460	824	9	44	6.63	7.13	T84363	81.5	80.5	28
10LB	Medium Capacity	1770	96	359	622	11	49	7.05	7.50	2625032	78.5	78.3	25
8HDX		1770	96	539	982	5	35	5.19	6.31	4602048	79.4	80.0	23
12HXB	First Stage	1770	105	828	1551	16	58	7.18	7.47	2608100	79.0	79.0	1
10HXB	High Capacity	1770	144	647	1149	13	45	6.61	6.92	T82366	81.5	82.8	28
10MA	High Capacity	1770	144	541	938	13	47	6.63	7.13	2624288	81.0	83.5	28
12LD	Low Capacity	1770	144	704	1264	13	89	8.41	9.34	2649365	82.1	82.1	18
12LDT		1770	144	551	958	32	87	8.18	9.01	4602394	84.1	83.6	23
14HXB	First Stage	1770	171	1426	2681	12	77	8.33	8.93	2616573	78.0	78.0	1
12LD	High Capacity	1770	192	774	1355	30	92	8.41	9.34	2634820	81.2	79.2	18
14LD	Low Capacity	1770	192	920	1647	35	111	9.54	10.61	2634704	80.6	81.4	16
10HH	Medium Capacity	1770	192	838	1484	6	39	5.61	6.46	2622864	82.7	80.4	21
10HHA		1770	192	1078	1963	14	45	6.44	7.20	4601873	82.3	80.4	21
10HH	High Capacity	1770	239	998	1757	11	41	6.42	6.91	2626818	83.5	83.0	21
12HXB	Low Capacity	1770	239	967	1695	15	62	7.77	8.41	2608379	83.7	82.2	22



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
12MB	Medium Capacity	1770	239	881	1523	14	70	7.69	8.88	2624332	85.5	82.5	22
11MB		1770	239	838	1436	24	65	7.96	8.44	2622504	83.0	83.0	19
12HXB	High Capacity	1770	287	1173	2059	23	69	8.03	8.68	2608368	81.7	81.5	22
12MB	High Capacity	1770	287	1030	1772	16	75	7.69	8.96	2624331	81.2	83.0	22
14LD	High Capacity	1770	287	1202	2116	26	129	9.79	10.61	2634705	81.0	83.2	16
14MC	Low Capacity	1770	383	1341	2298	30	94	9.51	10.57	2626082	82.6	83.8	16
12HXH		1770	383	1559	2734	20	74	7.94	8.58	2629933	82.8	82.5	18
14HXB	High Capacity	1770	479	1963	3447	25	91	9.40	10.15	V4400C	83.4	83.8	19
14MC	High Capacity	1770	479	1676	2873	29	104	9.16	10.57	2626083	83.2	82.1	16
15LC	High Capacity	1770	479	1604	2729	44	134	10.98	11.86	2625920	84.1	83.2	15
14HH	Low Capacity	1770	479	2059	3639	16	71	7.92	8.75	2621973	84.0	85.7	15
14HXB	Low Capacity	1770	479	1628	2777	14	81	9.07	9.82	V4399C	85.7	86.0	19
14MD	Low Capacity	1770	479	1844	3208	21	115	9.76	10.73	4602279	85.2	84.0	15
15MA	Low Capacity	1770	479	1521	2562	31	95	10.00	11.00	2617049	84.8	83.0	17
15MA	High Capacity	1770	575	1916	3256	30	101	10.00	11.00	2617046	83.5	83.2	17
14MD	High Capacity	1770	670	2274	3878	24	117	9.63	10.73	4602280	86.0	85.5	15
16MC	Low Capacity	1770	670	2250	3830	17	125	10.51	12.15	2626756	84.4	84.4	14
14HH	High Capacity	1770	766	2682	4597	16	81	8.43	9.42	2621959	85.0	86.3	15
18MA	Low Capacity	1770	766	2490	4214	40	148	12.00	13.00	T84489	82.3	84.3	15
18MA	Medium Capacity	1770	766	2394	4022	68	174	11.44	13.00	2606879	79.2	80.7	15
18MA	High Capacity	1770	958	3256	5554	63	165	12.50	13.00	V568C	80.7	80.9	15
16HXB	Low Capacity	1770	958	2586	4214	38	127	9.76	12.02	2617216	85.4	81.4	17
16HXB		1770	958	2778	4597	31	128	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	1770	1053	2873	4692	26	125	10.93	12.15	2626757	83.6	83.5	14
16HXB	High Capacity	1770	1149	3256	5363	44	125	10.26	11.51	2617215	83.7	85.3	17
16HH	Low Capacity	1770	1149	3256	5363	21	86	9.24	10.02	2621593	83.0	86.0	13
18HXB	Low Capacity	1770	1149	3639	6129	44	157	10.88	13.19	2617433	85.4	81.4	15
18HXB	High Capacity	1770	1341	4022	6703	54	143	11.69	12.73	2618937	83.7	85.3	15



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
16HH	High Capacity	1770	1436	3950	6464	33	108	10.23	10.83	2620735	84.9	85.5	13
18HH	Low Capacity	1770	1436	5028	8619	30	124	10.22	11.58	2621974	83.0	88.3	11
20HXB	First Stage	1770	1453	4868	8282	74	200	12.88	15.05	2607491	85.2	86.0	1
24MA	Low Capacity	1770	1453	5412	9371	79	260	16.34	17.84	2617890	86.2	84.5	11
24MA	Medium Capacity	1770	1453	7410	13367	21	260	16.75	17.84	2603427	89.2	88.5	11
24MA	High Capacity	1770	1744	6829	11914	135	302	15.97	17.84	2605615	86.5	84.5	11
12HD		1770	1866	2442	3018	20	60	8.66	9.42	4601450	80.1	82.0	18
18HH	High Capacity	1770	2107	6081	10055	35	145	11.24	12.47	2621975	85.3	88.5	11
20HXB	Low Capacity	1770	2179	5085	7991	30	156	13.28	13.98	2607495	87.5	86.5	14
20HXB	High Capacity	1770	2906	6648	10389	50	175	13.74	14.46	2607492	83.7	86.0	14
20HH	Low Capacity	1770	2906	7774	12641	29	148	12.07	13.14	4600653	85.5	87.0	11
20HH	High Capacity	1770	3632	9081	14529	36	164	12.58	13.84	4600652	87.3	88.7	11
6LB	Low Capacity	1180	10	33	56	1	7	4.18	4.47	2616324	73.9	73.3	45
6LB	High Capacity	1180	13	56	99	2	8	4.02	4.47	2616318	75.3	77.6	45
6LB	Medium Capacity	1180	13	43	73	2	8	4.25	4.47	2618292	71.0	78.5	45
7LB	Medium Capacity	1180	13	66	118	5	11	4.98	5.31	2626207	73.5	75.6	37
6MA		1180	13	74	134	4	9	4.19	4.44	V850	77.7	75.5	44
6HXB		1180	16	92	168	1	8	4.01	4.21	2607800	75.0	76.5	46
7LB	High Capacity	1180	19	93	166	5	12	4.98	5.31	2626208	74.0	77.3	37
7HXB	Low Capacity	1180	19	125	230	2	9	4.60	4.85	2607926	80.5	81.0	39
7HXB	High Capacity	1180	32	163	294	2	10	4.73	4.98	2607921	79.9	81.5	39
8MA	High Capacity	1180	32	166	300	3	14	5.19	5.66	T84234	78.5	78.7	37
9LA	High Capacity	1180	32	217	402	4	20	6.19	6.69	T84323	80.7	81.5	28
8MA	Low Capacity	1180	32	141	249	4	12	5.19	5.66	T84229	77.0	79.2	37
9LA	Low Capacity	1180	32	168	303	3	18	6.19	6.69	T84391	79.7	80.0	28
8LB	High Capacity	1180	38	137	236	5	15	5.58	5.94	2616465	76.9	77.5	34
12MB	Low Capacity	1180	38	370	702	9	29	7.94	8.88	2626936	82.1	82.0	22
8LB	Low Capacity	1180	38	118	198	2	14	5.53	5.94	2616464	75.9	77.2	34



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
8HXB		1180	51	249	447	1	13	5.23	5.61	2616348	81.1	82.0	36
10LB	High Capacity	1180	64	262	460	11	24	7.00	7.50	2625033	79.1	78.2	25
10HXB	Low Capacity	1180	64	351	638	4	20	6.39	6.70	T82337	85.0	81.0	28
10MA	Low Capacity	1180	64	307	549	4	20	6.63	7.13	T84363	81.5	80.5	28
10LB	Medium Capacity	1180	64	240	415	5	22	7.05	7.50	2625032	78.5	78.3	25
8HDX		1180	64	359	654	2	16	5.19	6.31	4602048	79.4	80.0	23
12HXB	First Stage	1180	70	552	1034	7	26	7.18	7.47	2608100	79.0	79.0	1
10HXB	High Capacity	1180	96	431	766	6	20	6.61	6.92	T82366	81.5	82.0	28
10MA	High Capacity	1180	96	361	626	6	21	6.63	7.13	2624288	81.0	83.5	28
12LD	Low Capacity	1180	96	470	843	6	39	8.41	9.34	2649365	82.1	82.1	18
12LDT		1180	96	367	638	14	39	8.18	9.01	4602394	84.1	83.6	23
14HXB	First Stage	1180	114	951	1788	5	34	8.33	8.93	2616573	78.0	78.0	1
12LD	High Capacity	1180	128	516	903	13	41	8.41	9.34	2634820	81.2	79.2	18
14LD	Low Capacity	1180	128	613	1098	17	49	9.54	10.61	2634704	80.6	81.4	16
10HH	Medium Capacity	1180	128	559	990	3	17	5.61	6.46	2622864	82.7	80.4	21
10HHA		1180	128	719	1309	6	20	6.44	7.20	4601873	82.3	80.4	21
10HH	High Capacity	1180	160	666	1171	5	18	6.42	6.91	2626818	83.5	83.0	21
12HXB	Low Capacity	1180	160	645	1130	6	27	7.77	8.41	2608379	83.7	82.2	22
12MB	Medium Capacity	1180	160	588	1015	6	31	7.69	8.88	2624332	85.5	82.5	22
11MB		1180	160	559	958	11	29	7.96	8.44	2622504	83.0	83.0	19
12HXB	High Capacity	1180	192	783	1373	10	31	8.03	8.68	2608368	81.7	82.3	22
12MB	High Capacity	1180	192	687	1181	7	33	7.69	8.96	2624331	81.2	83.0	22
14LD	High Capacity	1180	192	802	1411	12	57	9.79	10.61	2634705	81.0	83.2	16
14MC	Low Capacity	1180	255	894	1532	13	42	9.51	10.57	2626082	82.6	83.8	16
12HXH		1180	255	1039	1823	9	33	7.94	8.58	2629933	82.8	82.5	18
14HXB	High Capacity	1180	319	1309	2298	11	40	9.40	10.15	V4400C	83.4	83.8	19
14MC	High Capacity	1180	319	1117	1915	13	46	9.16	10.57	2626083	83.2	82.1	16
15LC	High Capacity	1180	319	1069	1819	20	59	10.98	11.86	2625920	84.1	83.2	15



Preliminary Selection Table
60 Hz Vertical Turbine Pumps

Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
14HH	Low Capacity	1180	319	1373	2426	7	32	7.92	8.75	2621973	84.0	85.7	15
14HXB	Low Capacity	1180	319	1085	1851	6	36	9.07	9.82	V4399C	85.7	86.0	19
14MD	Low Capacity	1180	319	1229	2139	9	51	9.76	10.73	4602279	85.2	84.0	15
15MA	Low Capacity	1180	319	1014	1708	14	42	10.00	11.00	2617049	84.8	83.0	17
15MA	High Capacity	1180	383	1277	2171	13	45	10.00	11.00	2617046	84.3	84.0	17
14MD	High Capacity	1180	447	1517	2586	11	52	9.63	10.73	4602280	86.0	85.5	15
16MC	Low Capacity	1180	447	1501	2554	8	56	10.51	12.15	2626756	84.4	84.4	14
14HH	High Capacity	1180	511	1788	3064	7	36	8.43	9.42	2621959	85.0	86.3	15
18MA	Low Capacity	1180	511	1660	2809	18	66	12.00	13.00	T84489	82.3	84.3	15
18MA	Medium Capacity	1180	511	1596	2681	30	77	11.44	13.00	2606879	79.2	80.7	15
18MA	High Capacity	1180	638	2171	3703	28	73	12.50	13.00	V568C	80.7	80.9	15
16HXB	Low Capacity	1180	638	1724	2809	17	56	9.76	12.02	2617216	85.4	81.4	17
16HXB		1180	638	1851	3064	14	57	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	1180	702	1915	3128	12	56	10.93	12.15	2626757	83.6	83.5	14
16HXB	High Capacity	1180	766	2171	3575	20	55	10.26	11.51	2617215	83.7	85.3	17
16HH	Low Capacity	1180	766	2171	3575	9	38	9.24	10.02	2621593	83.0	86.0	13
18HXB	Low Capacity	1180	766	2426	4086	20	70	10.88	13.19	2617433	85.4	81.4	15
18HXB	High Capacity	1180	894	2682	4469	24	63	11.69	12.73	2618937	83.7	85.3	15
16HH	High Capacity	1180	958	2634	4309	15	48	10.23	10.83	2620735	84.9	85.5	13
18HH	Low Capacity	1180	958	3352	5746	13	55	10.22	11.58	2621974	83.0	88.3	11
20HXB	First Stage	1180	969	3245	5521	33	89	12.88	15.05	2607491	85.2	86.0	1
24MA	Low Capacity	1180	969	3609	6248	35	115	16.34	17.84	2617890	86.2	84.5	11
24MA	Medium Capacity	1180	969	4940	8911	9	115	16.75	17.84	2603427	89.2	88.5	11
20MA		1180	969	2906	4843	29	96	14.00	14.50	2605012	79.7	81.0	13
24MA	High Capacity	1180	1162	4553	7943	60	134	15.97	17.84	2605615	86.5	84.5	11
12HD		1180	1244	1628	2012	9	27	8.66	9.42	4601450	80.1	82.0	18
18HH	High Capacity	1180	1405	4054	6703	16	64	11.24	12.47	2621975	85.3	88.5	11
20HXB	Low Capacity	1180	1453	3390	5327	13	69	13.28	13.98	2607495	87.5	86.5	14



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
20HXB	High Capacity	1180	1937	4432	6926	22	78	13.74	14.46	2607492	83.7	86.0	14
20HH	Low Capacity	1180	1937	5182	8427	13	66	12.07	13.14	4600653	85.5	87.0	11
24HXC		1180	1937	5812	9686	30	106	14.03	16.10	4602026	88.4	88.3	13
20HH	High Capacity	1180	2422	6054	9686	16	73	12.58	13.84	4600652	87.3	88.7	11
24HXB	High Capacity	1180	2422	6297	10171	24	100	14.33	16.21	2616866	86.0	86.0	13
24HH	High Capacity	1180	2906	7749	12592	23	96	13.35	15.38	2620986	86.2	88.5	10
24HH	Low Capacity	1180	2906	6539	10171	22	74	13.15	14.26	2621597	89.0	88.5	10
24HXB	Low Capacity	1180	2906	5715	8524	34	104	14.04	16.55	2615491	84.8	87.4	13
24HH-OH		1180	2906	8040	13173	21	92	13.34	15.38	2633415	88.0	88.6	9
27MA		1180	2906	7265	11624	29	143	17.43	19.37	2621402	86.6	88.0	10
26HXB		1180	3809	8888	13966	40	148	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	1180	3875	10171	16467	26	104	15.18	16.49	2621599	88.0	89.0	8
30LA		1180	5078	10220	15362	72	213	20.50	22.88	T84305	88.9	88.0	9
26HH	High Capacity	1180	5812	12689	19566	26	115	15.43	17.77	2620629	88.6	89.0	8
28HXB	Low Capacity	1180	5812	12108	18404	44	179	17.42	21.41	2617403	87.1	83.0	10
28HXB	High Capacity	1180	7749	13561	19373	61	149	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		1180	7749	14457	21164	15	108	15.43	17.80	2629638	90.2	90.0	8
12HXB	First Stage	885	52	414	776	4	14	7.18	7.47	2608100	79.0	79.0	1
14HXB	First Stage	885	86	714	1341	3	19	8.33	8.93	2616573	78.0	78.0	1
16MC	Low Capacity	885	335	1125	1915	4	31	10.51	12.15	2626756	84.4	84.4	14
18MA	Low Capacity	885	383	1245	2107	10	37	12.00	13.00	T84489	82.3	84.3	15
18MA	Medium Capacity	885	383	1197	2011	17	43	11.44	13.00	2606879	79.2	80.7	15
18MA	High Capacity	885	479	1628	2777	16	41	12.50	13.00	V568C	80.7	80.9	15
16HXB	Low Capacity	885	479	1293	2107	9	32	9.76	12.02	2617216	85.4	81.4	17
16HXB		885	479	1389	2298	8	32	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	885	527	1437	2346	6	31	10.93	12.15	2626757	83.6	83.5	14
16HXB	High Capacity	885	575	1628	2681	11	31	10.26	11.51	2617215	83.7	85.3	17
16HH	Low Capacity	885	575	1628	2681	5	22	9.24	10.02	2621593	83.0	86.0	13



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
18HXB	Low Capacity	885	575	1820	3064	11	39	10.88	13.19	2617433	85.4	81.4	15
18HXB	High Capacity	885	670	2011	3352	14	36	11.69	12.73	2618937	83.7	85.3	15
16HH	High Capacity	885	718	1975	3232	8	27	10.23	10.83	2620735	84.9	85.5	13
18HH	Low Capacity	885	718	2514	4309	7	31	10.22	11.58	2621974	83.0	88.3	11
20HXB	First Stage	885	726	2434	4141	18	50	12.88	15.05	2607491	85.2	86.0	1
24MA	Low Capacity	885	726	2706	4686	20	65	16.34	17.84	2617890	86.2	84.5	11
24MA	Medium Capacity	885	726	3705	6684	5	65	16.75	17.84	2603427	89.2	88.5	11
20MA		885	726	2179	3632	16	54	14.00	14.50	2605012	79.7	81.0	13
24MA	High Capacity	885	872	3415	5957	34	76	15.97	17.84	2605615	86.5	84.5	11
18HH	High Capacity	885	1053	3041	5028	9	36	11.24	12.47	2621975	85.3	88.5	11
20HXB	Low Capacity	885	1090	2543	3996	7	39	13.28	13.98	2607495	87.5	86.5	14
20HXB	High Capacity	885	1453	3324	5194	12	44	13.74	14.46	2607492	83.7	86.0	14
20HH	Low Capacity	885	1453	3887	6320	7	37	12.07	13.14	4600653	85.5	87.0	11
24HXC		885	1453	4359	7265	17	60	14.03	16.10	4602026	88.4	88.3	13
20HH	High Capacity	885	1816	4541	7265	9	41	12.58	13.84	4600652	87.3	88.7	11
24HXB	High Capacity	885	1816	4722	7628	13	56	14.33	16.21	2616866	86.0	86.0	13
24HH	High Capacity	885	2179	5812	9444	13	54	13.35	15.38	2620986	86.2	88.5	10
24HH	Low Capacity	885	2179	4904	7628	12	42	13.15	14.26	2621597	89.0	88.5	10
24HXB	Low Capacity	885	2179	4286	6393	19	59	14.04	16.55	2615491	84.8	87.4	13
24HH-OH		885	2179	6030	9880	12	52	13.34	15.38	2633415	88.0	88.6	9
27MA		885	2179	5449	8718	17	80	17.43	19.37	2621402	86.6	88.0	10
26HXB		885	2857	6666	10474	22	83	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	885	2906	7628	12350	15	58	15.18	16.49	2621599	88.0	89.0	8
30LA		885	3809	7666	11522	41	120	20.50	22.88	T84305	88.9	88.0	9
26HH	High Capacity	885	4359	9517	14675	15	65	15.43	17.77	2620629	88.6	89.0	8
28HXB	Low Capacity	885	4359	9081	13803	25	101	17.42	21.41	2617403	87.1	83.0	10
32HXB	Low Capacity	885	5713	12474	19235	45	137	20.84	24.60	2622117	86.9	83.7	8
28HXB	High Capacity	885	5812	10171	14529	34	84	18.93	20.74	2617422	86.5	86.0	10



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
26HH-OH		885	5812	10843	15873	9	61	15.43	17.80	2629638	90.2	90.0	8
36MA	Low Capacity	885	6570	13560	20550	51	152	25.00	27.13	2606023	89.8	89.8	8
36HXB	Low Capacity	885	7618	19045	30471	50	180	23.11	28.44	2620664	88.1	85.0	7
36MA	High Capacity	885	8379	15959	23539	53	159	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	885	8570	16474	24377	32	116	21.80	23.90	2618419	88.3	86.9	8
30HH	Low Capacity	885	8570	14760	20949	26	75	18.47	20.05	2621977	88.0	89.0	6
30HH	High Capacity	885	9522	17616	25710	22	86	18.73	21.59	2621978	86.2	89.0	6
30HH-OH		885	11427	19045	26662	22	82	19.57	21.59	2633416	88.7	89.9	6
36HXB	High Capacity	885	12379	23449	34518	66	156	25.07	27.58	2618436	87.6	86.2	7
36HH	Low Capacity	885	14283	23289	32295	35	96	21.43	23.83	2621980	87.5	87.7	5
36HH-OH		885	14283	27931	41579	35	121	21.76	25.05	2633417	88.8	88.8	5
36HH	High Capacity	885	17140	27749	38358	39	111	21.76	25.05	2621981	87.4	87.4	5
24MA	Low Capacity	710	583	2171	3759	13	42	16.34	17.84	2617890	86.2	84.5	11
24MA	Medium Capacity	710	583	2973	5362	3	42	16.75	17.84	2603427	89.2	88.5	11
24MA	High Capacity	710	699	2739	4779	22	49	15.97	17.84	2605615	86.5	84.5	11
24HXC		710	1166	3497	5828	11	38	14.03	16.10	4602026	88.4	88.3	13
24HXB	High Capacity	710	1457	3789	6120	9	36	14.33	16.21	2616866	86.0	86.0	13
24HH	High Capacity	710	1748	4663	7577	8	35	13.35	15.38	2620986	86.2	88.5	10
24HH	Low Capacity	710	1748	3934	6120	8	27	13.15	14.26	2621597	89.0	88.5	10
24HXB	Low Capacity	710	1748	3439	5129	12	38	14.04	16.55	2615491	84.8	87.4	13
24HH-OH		710	1748	4837	7926	8	33	13.34	15.38	2633415	88.0	88.6	9
27MA		710	1748	4371	6994	11	52	17.43	19.37	2621402	86.6	88.0	10
26HXB		710	2292	5348	8403	14	54	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	710	2331	6120	9908	9	38	15.18	16.49	2621599	88.0	89.0	8
30LA		710	3056	6150	9243	26	77	20.50	22.88	T84305	88.9	88.0	9
26HH	High Capacity	710	3497	7635	11773	9	42	15.43	17.77	2620629	88.6	89.0	8
28HXB	Low Capacity	710	3497	7286	11074	16	65	17.42	21.41	2617403	87.1	83.0	10
32HXB	Low Capacity	710	4584	10008	15431	29	88	20.84	24.60	2622117	86.9	83.7	8



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
28HXB	High Capacity	710	4663	8160	11656	22	54	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		710	4663	8699	12735	6	39	15.43	17.80	2629638	90.2	90.0	8
36MA	Low Capacity	710	5271	10879	16486	33	98	25.00	27.13	2606023	89.8	89.8	8
36HXB	Low Capacity	710	6111	15278	24445	32	116	23.11	28.44	2620664	88.1	85.0	7
36MA	High Capacity	710	6722	12803	18884	34	102	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	710	6875	13216	19556	21	75	21.80	23.90	2618419	88.3	86.9	8
30HH	Low Capacity	710	6875	11841	16806	17	48	18.47	20.05	2621977	88.0	89.0	6
30HH	High Capacity	710	7639	14133	20626	14	56	18.73	21.59	2621978	86.2	89.0	6
30HH-OH		710	9167	15279	21390	14	53	19.57	21.59	2633416	88.7	89.9	6
48HXB	High Capacity	710	9522	31530	53538	80	179	24.69	28.63	2608562	88.0	89.3	1
36HXB	High Capacity	710	9931	18812	27692	42	100	25.07	27.58	2618436	87.6	86.2	7
36HH	Low Capacity	710	11459	18684	25909	23	62	21.43	23.83	2621980	87.5	87.7	5
36HH-OH		710	11459	22408	33357	22	78	21.76	25.05	2633417	88.8	88.8	5
36HH	High Capacity	710	13751	22262	30773	25	72	21.76	25.05	2621981	87.4	87.4	5
42HXB	Low Capacity	710	15024	26003	36982	58	133	28.86	32.32	2618460	87.8	87.3	6
42HXB	High Capacity	710	17335	31926	46516	52	130	28.55	31.62	2621920	87.4	86.7	6
42HH	Low Capacity	710	20949	29447	37944	30	77	24.45	26.57	4601515	88.9	89.0	4
42HH	High Capacity	710	23805	35451	47096	28	90	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	710	25710	40974	56237	37	101	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		710	28566	51443	74320	28	123	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	710	38088	52740	67391	39	112	28.09	32.40	2621984	89.3	89.3	4
24HH	High Capacity	585	1441	3842	6243	6	24	13.35	15.38	2620986	86.2	88.5	10
24HH	Low Capacity	585	1441	3242	5042	5	18	13.15	14.26	2621597	89.0	88.5	10
24HH-OH		585	1441	3986	6531	5	23	13.34	15.38	2633415	88.0	88.6	9
27MA		585	1441	3602	5763	7	35	17.43	19.37	2621402	86.6	88.0	10
26HXB		585	1888	4406	6924	10	36	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	585	1921	5043	8164	6	26	15.18	16.49	2621599	88.0	89.0	8
30LA		585	2518	5067	7616	18	52	20.50	22.88	T84305	88.9	88.0	9



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
26HH	High Capacity	585	2881	6291	9700	6	28	15.43	17.77	2620629	88.6	89.0	8
28HXB	Low Capacity	585	2881	6003	9124	11	44	17.42	21.41	2617403	87.1	83.0	10
32HXB	Low Capacity	585	3777	8246	12714	20	60	20.84	24.60	2622117	86.9	83.7	8
28HXB	High Capacity	585	3842	6723	9604	15	37	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		585	3842	7168	10493	4	27	15.43	17.80	2629638	90.2	90.0	8
36MA	Low Capacity	585	4343	8964	13584	22	67	25.00	27.13	2606023	89.8	89.8	8
36HXB	Low Capacity	585	5035	12589	20142	22	78	23.11	28.44	2620664	88.1	85.0	7
36MA	High Capacity	585	5539	10550	15560	23	69	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	585	5665	10889	16113	14	51	21.80	23.90	2618419	88.3	86.9	8
30HH	Low Capacity	585	5665	9756	13847	11	33	18.47	20.05	2621977	88.0	89.0	6
30HH	High Capacity	585	6294	11645	16995	10	38	18.73	21.59	2621978	86.2	89.0	6
30HH-OH		585	7553	12589	17624	9	36	19.57	21.59	2633416	88.7	89.9	6
48HXB	High Capacity	585	7846	25979	44112	55	121	24.69	28.63	2608562	88.0	89.3	1
36HXB	High Capacity	585	8183	15500	22817	29	68	25.07	27.58	2618436	87.6	86.2	7
36HH	Low Capacity	585	9441	15395	21348	15	42	21.43	23.83	2621980	87.5	87.7	5
36HH-OH		585	9441	18463	27484	15	53	21.76	25.05	2633417	88.8	88.8	5
36HH	High Capacity	585	11330	18343	25355	17	49	21.76	25.05	2621981	87.4	87.4	5
42HXB	Low Capacity	585	12379	21425	30471	39	90	28.86	32.32	2618460	87.8	87.3	6
42HXB	High Capacity	585	14283	26305	38326	35	89	28.55	31.62	2621920	87.4	86.7	6
42HH	Low Capacity	585	17260	24262	31264	20	52	24.45	26.57	4601515	88.9	89.0	4
42HH	High Capacity	585	19614	29209	38804	19	61	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	585	21183	33760	46336	25	69	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		585	23537	42386	61235	19	83	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	585	31383	43455	55526	26	76	28.09	32.40	2621984	89.3	89.3	4
56HH	Low Capacity	585	33327	56180	79033	39	102	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	585	38088	68559	99030	35	132	33.75	38.89	2621987	89.3	89.3	3
56HH-OH		585	38088	70464	102839	32	137	33.77	38.92	2633419	90.5	90.5	3
48HXB	High Capacity	507	6800	22516	38231	41	91	24.69	28.63	2608562	88.0	89.3	1



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
42HXB	Low Capacity	507	10728	18568	26408	29	68	28.86	32.32	2618460	87.8	87.3	6
42HXB	High Capacity	507	12379	22798	33216	26	66	28.55	31.62	2621920	87.4	86.7	6
42HH	Low Capacity	507	14959	21027	27095	15	39	24.45	26.57	4601515	88.9	89.0	4
42HH	High Capacity	507	16999	25315	33630	14	46	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	507	18359	29259	40158	19	52	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		507	20399	36735	53070	14	62	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	507	27198	37661	48123	20	57	28.09	32.40	2621984	89.3	89.3	4
56HH	Low Capacity	507	28884	48690	68496	29	77	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	507	33010	59418	85826	26	99	33.75	38.89	2621987	89.3	89.3	3
56HH-OH		507	33010	61069	89127	24	103	33.77	38.92	2633419	90.5	90.5	3
66HH	Low Capacity	507	57359	81714	106069	38	97	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	507	66919	100347	133775	34	115	39.14	45.09	2634713	89.3	88.9	2
56HH	Low Capacity	440	25067	42256	59444	22	58	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	440	28648	51566	74484	20	75	33.75	38.89	2621987	89.3	89.3	3
56HH-OH		440	28648	52999	77349	18	78	33.77	38.92	2633419	90.5	90.5	3
66HH	Low Capacity	440	49779	70916	92052	29	73	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	440	58075	87086	116096	26	87	39.14	45.09	2634713	89.3	88.9	2
66HH	Low Capacity	395	44688	63663	82637	23	59	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	395	52136	78180	104223	21	70	39.14	45.09	2634713	89.3	88.9	2

Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
4LE		2950	4	36	67	4	20	3.08	3.08	2620742	65.4	64.8	63
6LB	Low Capacity	2950	24	83	141	9	46	4.18	4.47	2616324	73.9	73.3	45
6LB	Medium Capacity	2950	32	108	184	13	48	4.25	4.47	2618292	71.0	78.5	45
6LB	High Capacity	2950	32	140	247	15	52	4.02	4.47	2616318	75.3	77.6	45
7LB	Medium Capacity	2950	32	164	295	32	70	4.98	5.31	2626207	72.5	74.6	37
6MA		2950	32	184	335	22	53	4.19	4.44	V850	77.7	75.5	44
6HXB		2950	40	230	420	3	47	4.01	4.21	2607800	74.4	75.9	46
7LB	High Capacity	2950	48	232	415	32	75	4.98	5.31	2626208	74.0	77.3	37
8LB	Low Capacity	2950	96	296	495	10	87	5.53	5.94	2616464	75.9	77.2	34
7HXB	Low Capacity	2950	48	312	575	11	58	4.60	4.85	2607926	80.5	81.0	39
8LB	High Capacity	2950	96	344	591	32	94	5.58	5.94	2616465	76.9	77.5	34
8MA	Low Capacity	2950	80	351	622	26	78	5.19	5.66	T84229	76.0	78.2	37
7HXB	High Capacity	2950	80	407	734	13	64	4.73	4.98	2607921	79.0	80.6	39
8MA	High Capacity	2950	80	415	750	18	85	5.19	5.66	T84234	78.5	78.7	37
9LA	Low Capacity	2950	80	419	758	21	115	6.19	6.69	T84391	79.7	80.0	28
9LA	High Capacity	2950	80	543	1006	24	123	6.19	6.69	T84323	80.7	81.5	28
10LB	Medium Capacity	2950	160	599	1037	30	137	7.05	7.50	2625032	78.5	78.3	25
8HXB		2950	128	623	1117	8	81	5.23	5.61	2616348	81.1	82.0	36
10LB	High Capacity	2950	160	655	1149	71	152	7.00	7.50	2625033	79.1	78.2	25
10MA	Low Capacity	2950	160	767	1373	25	122	6.63	7.13	T84363	81.5	80.5	28
10MA	High Capacity	2950	239	902	1564	36	130	6.63	7.13	2624288	81.0	83.5	28
12LDT		2950	239	918	1596	88	242	8.18	9.01	4602394	84.1	83.6	23
12LD	Low Capacity	2950	239	1173	2107	35	246	8.41	9.34	2649365	82.1	82.1	18
12LD	High Capacity	2950	319	1289	2258	83	254	8.41	9.34	2634820	81.2	79.2	18
6LB	Low Capacity	1475	12	42	71	2	12	4.18	4.47	2616324	73.9	73.3	45
6LB	Medium Capacity	1475	16	54	92	3	12	4.25	4.47	2618292	71.0	78.5	45
6LB	High Capacity	1475	16	70	124	4	13	4.02	4.47	2616318	75.3	77.6	45
7LB	Medium Capacity	1475	16	82	148	8	18	4.98	5.31	2626207	73.5	75.6	37



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
6MA		1475	16	92	168	5	13	4.19	4.44	V850	77.7	75.5	44
6HXB		1475	20	115	210	1	12	4.01	4.21	2607800	75.0	76.5	46
7LB	High Capacity	1475	24	116	207	8	19	4.98	5.31	2626208	74.0	77.3	37
8LB	Low Capacity	1475	48	148	247	2	22	5.53	5.94	2616464	75.9	77.2	34
7HXB	Low Capacity	1475	24	156	287	3	14	4.60	4.85	2607926	80.5	81.0	39
8LB	High Capacity	1475	48	172	295	8	24	5.58	5.94	2616465	76.9	77.5	34
8MA	Low Capacity	1475	40	176	311	6	19	5.19	5.66	T84229	77.0	79.2	37
7HXB	High Capacity	1475	40	204	367	3	16	4.73	4.98	2607921	79.9	81.5	39
8MA	High Capacity	1475	40	208	375	5	21	5.19	5.66	T84234	78.5	78.7	37
9LA	Low Capacity	1475	40	210	379	5	29	6.19	6.69	T84391	79.7	80.0	28
9LA	High Capacity	1475	40	272	503	6	31	6.19	6.69	T84323	80.7	81.5	28
10LB	Medium Capacity	1475	80	300	519	7	34	7.05	7.50	2625032	78.5	78.3	25
8HXB		1475	64	312	559	2	20	5.23	5.61	2616348	81.1	82.0	36
10LB	High Capacity	1475	80	328	575	18	38	7.00	7.50	2625033	79.1	78.2	25
10MA	Low Capacity	1475	80	383	686	6	31	6.63	7.13	T84363	81.5	80.5	28
10HXB	Low Capacity	1475	80	439	798	7	31	6.39	6.70	T82337	85.0	81.0	28
8HDX		1475	80	449	818	4	25	5.19	6.31	4602048	79.4	80.0	23
10MA	High Capacity	1475	120	451	782	9	33	6.63	7.13	2624288	81.0	83.5	28
12LDT		1475	120	459	798	22	61	8.18	9.01	4602394	84.1	83.6	23
12MB	Low Capacity	1475	48	463	878	14	45	7.94	8.88	2626936	82.1	82.0	22
10HXB	High Capacity	1475	120	539	958	9	31	6.61	6.92	T82366	81.5	82.0	28
12LD	Low Capacity	1475	120	587	1053	9	62	8.41	9.34	2649365	82.1	82.1	18
12LD	High Capacity	1475	160	645	1129	21	64	8.41	9.34	2634820	81.2	79.2	18
12HXB	First Stage	1475	87	690	1293	11	40	7.18	7.47	2608100	79.0	79.0	1
10HH	Medium Capacity	1475	160	699	1237	4	27	5.61	6.46	2622864	82.7	80.4	21
11MB		1475	200	699	1197	17	45	7.96	8.44	2622504	83.0	83.0	19
12MB	Medium Capacity	1475	200	735	1269	9	49	7.69	8.88	2624332	85.5	82.5	22
14LD	Low Capacity	1475	160	767	1373	26	77	9.54	10.61	2634704	80.6	81.4	16



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
12HXB	Low Capacity	1475	200	806	1412	10	43	7.77	8.41	2608379	83.7	82.2	22
10HH	High Capacity	1475	200	832	1464	8	29	6.42	6.91	2626818	83.5	83.0	21
12MB	High Capacity	1475	239	858	1476	11	52	7.69	8.96	2624331	81.2	83.0	22
10HHA		1475	160	898	1636	10	31	6.44	7.20	4601873	82.3	80.4	21
12HXB	High Capacity	1475	239	978	1716	16	48	8.03	8.68	2608368	81.7	82.3	22
14LD	High Capacity	1475	239	1002	1764	18	90	9.79	10.61	2634705	81.0	83.2	16
14MC	Low Capacity	1475	319	1117	1915	21	65	9.51	10.57	2626082	82.6	83.8	16
14HXB	First Stage	1475	143	1189	2234	8	53	8.33	8.93	2616573	78.0	78.0	1
15MA	Low Capacity	1475	399	1267	2135	21	66	10.00	11.00	2617049	84.8	83.0	17
12HXH		1475	319	1299	2278	14	51	7.94	8.58	2629933	82.8	82.5	18
15LC	High Capacity	1475	399	1337	2274	31	93	10.98	11.86	2625920	84.1	83.2	15
14HXB	Low Capacity	1475	399	1357	2314	10	56	9.07	9.82	V4399C	85.7	86.0	19
14MC	High Capacity	1475	399	1397	2394	20	72	9.16	10.57	2626083	83.2	82.1	16
14MD	Low Capacity	1475	399	1536	2673	15	80	9.76	10.73	4602279	85.2	84.0	15
15MA	High Capacity	1475	479	1596	2713	21	70	10.00	11.00	2617046	84.3	84.0	17
14HXB	High Capacity	1475	399	1636	2873	17	63	9.40	10.15	V4400C	83.4	83.8	19
14HH	Low Capacity	1475	399	1716	3032	11	49	7.92	8.75	2621973	84.0	85.7	15
16MC	Low Capacity	1475	559	1876	3192	12	87	10.51	12.15	2626756	84.4	84.4	14
14MD	High Capacity	1475	559	1896	3232	17	81	9.63	10.73	4602280	86.0	85.5	15
18MA	Medium Capacity	1475	638	1995	3352	47	121	11.44	13.00	2606879	79.2	80.7	15
12HD		1475	1555	2035	2515	14	42	8.66	9.42	4601450	80.1	82.0	18
18MA	Low Capacity	1475	638	2075	3511	28	103	12.00	13.00	T84489	82.3	84.3	15
16HXB	Low Capacity	1475	798	2155	3511	26	88	9.76	12.02	2617216	85.4	81.4	17
14HH	High Capacity	1475	638	2234	3830	11	56	8.43	9.42	2621959	85.0	86.3	15
16HXB		1475	798	2314	3830	22	89	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	1475	878	2394	3910	18	87	10.93	12.15	2626757	83.6	83.5	14
18MA	High Capacity	1475	798	2713	4628	44	115	12.50	13.00	V568C	80.7	80.9	15
16HXB	High Capacity	1475	958	2714	4469	31	87	10.26	11.51	2617215	83.7	85.3	17



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
16HH	Low Capacity	1475	958	2714	4469	15	60	9.24	10.02	2621593	83.0	86.0	13
18HXB	Low Capacity	1475	958	3033	5107	31	109	10.88	13.19	2617433	85.4	81.4	15
16HH	High Capacity	1475	1197	3292	5387	23	75	10.23	10.83	2620735	84.9	85.5	13
18HXB	High Capacity	1475	1117	3352	5586	38	99	11.69	12.73	2618937	83.7	85.3	15
20MA		1475	1211	3633	6054	45	149	14.00	14.50	2605012	78.7	80.0	13
20HXB	First Stage	1475	1211	4056	6901	51	139	12.88	15.05	2607491	85.2	86.0	1
18HH	Low Capacity	1475	1197	4190	7182	21	86	10.22	11.58	2621974	83.0	88.3	11
20HXB	Low Capacity	1475	1816	4238	6659	21	108	13.28	13.98	2607495	87.5	86.5	14
24MA	Low Capacity	1475	1211	4511	7810	55	180	16.34	17.84	2617890	86.2	84.5	11
18HH	High Capacity	1475	1756	5068	8379	25	101	11.24	12.47	2621975	85.3	88.5	11
20HXB	High Capacity	1475	2422	5540	8657	35	121	13.74	14.46	2607492	83.7	86.0	14
24MA	High Capacity	1475	1453	5691	9928	94	210	15.97	17.84	2605615	86.5	84.5	11
24MA	Medium Capacity	1475	1211	6175	11139	15	180	16.75	17.84	2603427	89.2	88.5	11
20HH	Low Capacity	1475	2422	6478	10534	20	102	12.07	13.14	4600653	85.5	87.0	11
24HXB	Low Capacity	1475	3632	7144	10655	53	163	14.04	16.55	2615491	84.8	87.4	13
24HXC		1475	2422	7265	12108	47	166	14.03	16.10	4602026	88.4	88.3	13
20HH	High Capacity	1475	3027	7568	12108	25	114	12.58	13.84	4600652	87.3	88.7	11
24HXB	High Capacity	1475	3027	7870	12713	37	156	14.33	16.21	2616866	86.0	86.0	13
6LB	Low Capacity	985	8	28	47	1	5	4.18	4.47	2616324	73.9	73.3	45
6LB	Medium Capacity	985	11	36	61	1	5	4.25	4.47	2618292	71.0	78.5	45
6LB	High Capacity	985	11	47	83	2	6	4.02	4.47	2616318	75.3	77.6	45
7LB	Medium Capacity	985	11	55	99	4	8	4.98	5.31	2626207	73.5	75.6	37
6MA		985	11	62	112	2	6	4.19	4.44	V850	77.7	75.5	44
6HXB		985	13	77	140	0	5	4.01	4.21	2607800	75.0	76.5	46
7LB	High Capacity	985	16	78	139	4	8	4.98	5.31	2626208	74.0	77.3	37
8LB	Low Capacity	985	32	99	165	1	10	5.53	5.94	2616464	75.9	77.2	34
7HXB	Low Capacity	985	16	104	192	1	6	4.60	4.85	2607926	80.5	81.0	39
8LB	High Capacity	985	32	115	197	4	11	5.58	5.94	2616465	76.9	77.5	34



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
8MA	Low Capacity	985	27	118	208	3	9	5.19	5.66	T84229	77.0	79.2	37
7HXB	High Capacity	985	27	136	245	1	7	4.73	4.98	2607921	79.9	81.5	39
8MA	High Capacity	985	27	139	250	2	10	5.19	5.66	T84234	78.5	78.7	37
9LA	Low Capacity	985	27	140	253	2	13	6.19	6.69	T84391	79.7	80.0	28
9LA	High Capacity	985	27	182	336	3	14	6.19	6.69	T84323	80.7	81.5	28
10LB	Medium Capacity	985	53	200	346	3	15	7.05	7.50	2625032	78.5	78.3	25
8HXB		985	43	208	373	1	9	5.23	5.61	2616348	81.1	82.0	36
10LB	High Capacity	985	53	219	384	8	17	7.00	7.50	2625033	79.1	78.2	25
10MA	Low Capacity	985	53	256	458	3	14	6.63	7.13	T84363	81.5	80.5	28
10HXB	Low Capacity	985	53	293	533	3	14	6.39	6.70	T82337	85.0	81.0	28
8HDX		985	53	300	546	2	11	5.19	6.31	4602048	79.4	80.0	23
10MA	High Capacity	985	80	301	522	4	15	6.63	7.13	2624288	81.0	83.5	28
12LDT		985	80	307	533	10	27	8.18	9.01	4602394	84.1	83.6	23
12MB	Low Capacity	985	32	309	586	6	20	7.94	8.88	2626936	82.1	82.0	22
10HXB	High Capacity	985	80	360	639	4	14	6.61	6.92	T82366	81.5	82.0	28
12LD	Low Capacity	985	80	392	703	4	27	8.41	9.34	2649365	82.1	82.1	18
12LD	High Capacity	985	107	431	754	9	28	8.41	9.34	2634820	81.2	79.2	18
12HXB	First Stage	985	58	461	863	5	18	7.18	7.47	2608100	79.0	79.0	1
11MB		985	133	466	799	7	20	7.96	8.44	2622504	83.0	83.0	19
10HH	Medium Capacity	985	107	467	826	2	12	5.61	6.46	2622864	82.7	80.4	21
12MB	Medium Capacity	985	133	490	847	4	22	7.69	8.88	2624332	85.5	82.5	22
14LD	Low Capacity	985	107	512	917	12	34	9.54	10.61	2634704	80.6	81.4	16
12HXB	Low Capacity	985	133	538	943	5	19	7.77	8.41	2608379	83.7	82.2	22
10HH	High Capacity	985	133	556	978	4	13	6.42	6.91	2626818	83.5	83.0	21
12MB	High Capacity	985	160	573	986	5	23	7.69	8.96	2624331	81.2	83.0	22
10HHA		985	107	600	1092	4	14	6.44	7.20	4601873	82.3	80.4	21
12HXB	High Capacity	985	160	653	1146	7	21	8.03	8.68	2608368	81.7	82.3	22
14LD	High Capacity	985	160	669	1178	8	40	9.79	10.61	2634705	81.0	83.2	16



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
14MC	Low Capacity	985	213	746	1279	9	29	9.51	10.57	2626082	82.6	83.8	16
14HXB	First Stage	985	95	794	1492	4	24	8.33	8.93	2616573	78.0	78.0	1
15MA	Low Capacity	985	266	846	1426	10	29	10.00	11.00	2617049	84.8	83.0	17
12HXX		985	213	867	1521	6	23	7.94	8.58	2629933	82.8	82.5	18
15LC	High Capacity	985	266	893	1519	14	41	10.98	11.86	2625920	84.1	83.2	15
14HXB	Low Capacity	985	266	906	1545	4	25	9.07	9.82	V4399C	85.7	86.0	19
14MC	High Capacity	985	266	933	1599	9	32	9.16	10.57	2626083	83.2	82.1	16
14MD	Low Capacity	985	266	1026	1785	6	36	9.76	10.73	4602279	85.2	84.0	15
15MA	High Capacity	985	320	1066	1812	9	31	10.00	11.00	2617046	84.3	84.0	17
14HXB	High Capacity	985	266	1092	1918	8	28	9.40	10.15	V4400C	83.4	83.8	19
14HH	Low Capacity	985	266	1146	2025	5	22	7.92	8.75	2621973	84.0	85.7	15
16MC	Low Capacity	985	373	1253	2132	5	39	10.51	12.15	2626756	84.4	84.4	14
14MD	High Capacity	985	373	1266	2158	8	36	9.63	10.73	4602280	86.0	85.5	15
18MA	Medium Capacity	985	426	1332	2238	21	54	11.44	13.00	2606879	79.2	80.7	15
12HD		985	1039	1360	1680	6	19	8.66	9.42	4601450	80.1	82.0	18
18MA	Low Capacity	985	426	1386	2345	13	46	12.00	13.00	T84489	82.3	84.3	15
16HXB	Low Capacity	985	533	1439	2345	12	39	9.76	12.02	2617216	85.4	81.4	17
14HH	High Capacity	985	426	1492	2558	5	25	8.43	9.42	2621959	85.0	86.3	15
16HXB		985	533	1546	2558	10	40	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	985	586	1599	2611	8	39	10.93	12.15	2626757	83.6	83.5	14
16HXB	High Capacity	985	639	1812	2984	14	39	10.26	11.51	2617215	83.7	85.3	17
16HH	Low Capacity	985	639	1812	2984	6	27	9.24	10.02	2621593	83.0	86.0	13
18MA	High Capacity	985	533	1812	3091	20	51	12.50	13.00	V568C	80.7	80.9	15
18HXB	Low Capacity	985	639	2025	3411	14	49	10.88	13.19	2617433	85.4	81.4	15
16HH	High Capacity	985	799	2198	3597	10	34	10.23	10.83	2620735	84.9	85.5	13
18HXB	High Capacity	985	746	2238	3730	17	44	11.69	12.73	2618937	83.7	85.3	15
20MA		985	809	2426	4043	20	67	14.00	14.50	2605012	79.7	81.0	13
20HXB	First Stage	985	809	2709	4609	23	62	12.88	15.05	2607491	85.2	86.0	1



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
18HH	Low Capacity	985	799	2798	4796	9	38	10.22	11.58	2621974	83.0	88.3	11
20HXB	Low Capacity	985	1213	2830	4447	9	48	13.28	13.98	2607495	87.5	86.5	14
24MA	Low Capacity	985	809	3012	5215	25	80	16.34	17.84	2617890	86.2	84.5	11
18HH	High Capacity	985	1172	3384	5596	11	45	11.24	12.47	2621975	85.3	88.5	11
20HXB	High Capacity	985	1617	3699	5781	15	54	13.74	14.46	2607492	83.7	86.0	14
24MA	High Capacity	985	970	3800	6630	42	94	15.97	17.84	2605615	86.5	84.5	11
24MA	Medium Capacity	985	809	4124	7439	6	80	16.75	17.84	2603427	89.2	88.5	11
20HH	Low Capacity	985	1617	4326	7034	9	46	12.07	13.14	4600653	85.5	87.0	11
24HXB	Low Capacity	985	2426	4771	7115	24	73	14.04	16.55	2615491	84.8	87.4	13
24HXC		985	1617	4852	8086	21	74	14.03	16.10	4602026	88.4	88.3	13
20HH	High Capacity	985	2021	5054	8086	11	51	12.58	13.84	4600652	87.3	88.7	11
24HXB	High Capacity	985	2021	5256	8490	16	70	14.33	16.21	2616866	86.0	86.0	13
24HH	Low Capacity	985	2426	5458	8490	15	52	13.15	14.26	2621597	89.0	88.5	10
27MA		985	2426	6065	9703	20	100	17.43	19.37	2621402	86.6	88.0	10
24HH	High Capacity	985	2426	6469	10511	16	67	13.35	15.38	2620986	86.2	88.5	10
24HH-OH		985	2426	6711	10996	15	64	13.34	15.38	2633415	88.0	88.6	9
26HXB		985	3179	7419	11658	28	103	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	985	3234	8490	13745	18	72	15.18	16.49	2621599	88.0	89.0	8
30LA		985	4239	8532	12824	50	148	20.50	22.88	T84305	88.9	88.0	9
28HXB	Low Capacity	985	4851	10107	15363	31	125	17.42	21.41	2617403	87.1	83.0	10
26HH	High Capacity	985	4851	10592	16333	18	80	15.43	17.77	2620629	88.6	89.0	8
28HXB	High Capacity	985	6468	11320	16171	42	104	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		985	6468	12068	17667	11	75	15.43	17.80	2629638	90.2	90.0	8
32HXB	Low Capacity	985	6359	13884	21408	56	170	20.84	24.60	2622117	86.9	83.7	8
36MA	Low Capacity	985	7313	15093	22872	63	189	25.00	27.13	2606023	89.8	89.8	8
30HH	Low Capacity	985	9538	16427	23316	32	93	18.47	20.05	2621977	88.0	89.0	6
36MA	High Capacity	985	9326	17763	26199	65	197	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	985	9538	18335	27131	40	144	21.80	23.90	2618419	88.3	86.9	8



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
30HH	High Capacity	985	10598	19607	28615	27	107	18.73	21.59	2621978	86.2	89.0	6
12HXB	First Stage	735	43	344	644	3	10	7.18	7.47	2608100	79.0	79.0	1
14HXB	First Stage	735	71	592	1113	2	13	8.33	8.93	2616573	78.0	78.0	1
16MC	Low Capacity	735	278	935	1591	3	22	10.51	12.15	2626756	84.4	84.4	14
18MA	Medium Capacity	735	318	994	1670	12	30	11.44	13.00	2606879	79.2	80.7	15
18MA	Low Capacity	735	318	1034	1750	7	26	12.00	13.00	T84489	82.3	84.3	15
16HXB	Low Capacity	735	398	1074	1750	6	22	9.76	12.02	2617216	85.4	81.4	17
16HXB		735	398	1154	1909	5	22	9.64	11.74	4601399	86.7	86.0	17
16MC	High Capacity	735	437	1193	1949	4	22	10.93	12.15	2626757	83.6	83.5	14
18MA	High Capacity	735	398	1352	2306	11	28	12.50	13.00	V568C	80.7	80.9	15
16HXB	High Capacity	735	477	1352	2227	8	21	10.26	11.51	2617215	83.7	85.3	17
16HH	Low Capacity	735	477	1352	2227	4	15	9.24	10.02	2621593	83.0	86.0	13
18HXB	Low Capacity	735	477	1511	2545	8	27	10.88	13.19	2617433	85.4	81.4	15
16HH	High Capacity	735	596	1640	2684	6	19	10.23	10.83	2620735	84.9	85.5	13
18HXB	High Capacity	735	557	1671	2784	9	25	11.69	12.73	2618937	83.7	85.3	15
20MA		735	603	1810	3017	11	37	14.00	14.50	2605012	79.7	81.0	13
20HXB	First Stage	735	603	2021	3439	13	35	12.88	15.05	2607491	85.2	86.0	1
18HH	Low Capacity	735	596	2088	3579	5	21	10.22	11.58	2621974	83.0	88.3	11
20HXB	Low Capacity	735	905	2112	3318	5	27	13.28	13.98	2607495	87.5	86.5	14
24MA	Low Capacity	735	603	2248	3892	14	45	16.34	17.84	2617890	86.2	84.5	11
18HH	High Capacity	735	875	2525	4175	6	25	11.24	12.47	2621975	85.3	88.5	11
20HXB	High Capacity	735	1207	2761	4314	9	30	13.74	14.46	2607492	83.7	86.0	14
24MA	High Capacity	735	724	2836	4947	23	52	15.97	17.84	2605615	86.5	84.5	11
24MA	Medium Capacity	735	603	3077	5551	4	45	16.75	17.84	2603427	89.2	88.5	11
20HH	Low Capacity	735	1207	3228	5249	5	25	12.07	13.14	4600653	85.5	87.0	11
24HXB	Low Capacity	735	1810	3560	5309	13	40	14.04	16.55	2615491	84.8	87.4	13
24HXC		735	1207	3621	6034	12	41	14.03	16.10	4602026	88.4	88.3	13
20HH	High Capacity	735	1508	3771	6033	6	28	12.58	13.84	4600652	87.3	88.7	11



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
24HXB	High Capacity	735	1508	3922	6335	9	39	14.33	16.21	2616866	86.0	86.0	13
24HH	Low Capacity	735	1810	4073	6335	9	29	13.15	14.26	2621597	89.0	88.5	10
27MA		735	1810	4525	7240	11	55	17.43	19.37	2621402	86.6	88.0	10
24HH	High Capacity	735	1810	4827	7843	9	37	13.35	15.38	2620986	86.2	88.5	10
24HH-OH		735	1810	5008	8205	8	36	13.34	15.38	2633415	88.0	88.6	9
26HXB		735	2372	5536	8699	15	57	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	735	2413	6335	10257	10	40	15.18	16.49	2621599	88.0	89.0	8
30LA		735	3163	6366	9569	28	83	20.50	22.88	T84305	88.9	88.0	9
28HXB	Low Capacity	735	3620	7542	11463	17	70	17.42	21.41	2617403	87.1	83.0	10
26HH	High Capacity	735	3620	7904	12187	10	45	15.43	17.77	2620629	88.6	89.0	8
28HXB	High Capacity	735	4827	8447	12067	24	58	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		735	4827	9005	13183	6	42	15.43	17.80	2629638	90.2	90.0	8
32HXB	Low Capacity	735	4745	10360	15975	31	95	20.84	24.60	2622117	86.9	83.7	8
36MA	Low Capacity	735	5457	11262	17067	35	105	25.00	27.13	2606023	89.8	89.8	8
30HH	Low Capacity	735	7117	12258	17398	18	52	18.47	20.05	2621977	88.0	89.0	6
36MA	High Capacity	735	6959	13254	19549	36	110	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	735	7117	13681	20245	22	80	21.80	23.90	2618419	88.3	86.9	8
30HH	High Capacity	735	7908	14630	21352	15	60	18.73	21.59	2621978	86.2	89.0	6
36HXB	Low Capacity	735	6327	15817	25306	35	124	23.11	28.44	2620664	88.1	85.0	7
30HH-OH		735	9490	15817	22143	15	57	19.57	21.59	2633416	88.7	89.9	6
36HH	Low Capacity	735	11862	19342	26821	24	66	21.43	23.83	2621980	87.5	87.7	5
36HXB	High Capacity	735	10281	19474	28667	45	107	25.07	27.58	2618436	87.6	86.2	7
36HH	High Capacity	735	14235	23046	31857	27	77	21.76	25.05	2621981	87.4	87.4	5
36HH-OH		735	11862	23197	34531	24	84	21.76	25.05	2633417	88.8	88.8	5
42HXB	Low Capacity	735	15553	26919	38284	62	143	28.86	32.32	2618460	87.8	87.3	6
42HH	Low Capacity	735	21686	30483	39280	32	82	24.45	26.57	4601515	88.9	89.0	4
48HXB	High Capacity	735	9857	32640	55423	86	192	24.69	28.63	2608562	88.0	89.3	1
42HXB	High Capacity	735	17945	33050	48154	55	140	28.55	31.62	2621920	87.4	86.7	6



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
42HH	High Capacity	735	24643	36699	48754	30	96	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	735	26615	42417	58218	40	109	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		735	29572	53254	76936	29	131	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	735	39429	54597	69764	42	120	28.09	32.40	2621984	89.3	89.3	4
24HH	Low Capacity	585	1441	3242	5042	5	18	13.15	14.26	2621597	89.0	88.5	10
27MA		585	1441	3602	5763	7	35	17.43	19.37	2621402	86.6	88.0	10
24HH	High Capacity	585	1441	3842	6243	6	24	13.35	15.38	2620986	86.2	88.5	10
24HH-OH		585	1441	3986	6531	5	23	13.34	15.38	2633415	88.0	88.6	9
26HXB		585	1888	4406	6924	10	36	16.45	19.41	2607148	88.3	85.0	11
26HH	Low Capacity	585	1921	5043	8164	6	26	15.18	16.49	2621599	88.0	89.0	8
30LA		585	2518	5067	7616	18	52	20.50	22.88	T84305	88.9	88.0	9
28HXB	Low Capacity	585	2881	6003	9124	11	44	17.42	21.41	2617403	87.1	83.0	10
26HH	High Capacity	585	2881	6291	9700	6	28	15.43	17.77	2620629	88.6	89.0	8
28HXB	High Capacity	585	3842	6723	9604	15	37	18.93	20.74	2617422	86.5	86.0	10
26HH-OH		585	3842	7168	10493	4	27	15.43	17.80	2629638	90.2	90.0	8
32HXB	Low Capacity	585	3777	8246	12714	20	60	20.84	24.60	2622117	86.9	83.7	8
36MA	Low Capacity	585	4343	8964	13584	22	67	25.00	27.13	2606023	89.8	89.8	8
30HH	Low Capacity	585	5665	9756	13847	11	33	18.47	20.05	2621977	88.0	89.0	6
36MA	High Capacity	585	5539	10550	15560	23	69	23.50	27.13	2604215	87.3	87.3	8
32HXB	High Capacity	585	5665	10889	16113	14	51	21.80	23.90	2618419	88.3	86.9	8
30HH	High Capacity	585	6294	11645	16995	10	38	18.73	21.59	2621978	86.2	89.0	6
36HXB	Low Capacity	585	5035	12589	20142	22	78	23.11	28.44	2620664	88.1	85.0	7
30HH-OH		585	7553	12589	17624	9	36	19.57	21.59	2633416	88.7	89.9	6
36HH	Low Capacity	585	9441	15395	21348	15	42	21.43	23.83	2621980	87.5	87.7	5
36HXB	High Capacity	585	8183	15500	22817	29	68	25.07	27.58	2618436	87.6	86.2	7
36HH	High Capacity	585	11330	18343	25355	17	49	21.76	25.05	2621981	87.4	87.4	5
36HH-OH		585	9441	18463	27484	15	53	21.76	25.05	2633417	88.8	88.8	5
42HXB	Low Capacity	585	12379	21425	30471	39	90	28.86	32.32	2618460	87.8	87.3	6



Pump Model	Type Impeller	Nominal Pump Speed Rpm	Min Flow US GPM	Mean Flow US GPM	Max Flow US GPM	Min Head per Stage Feet	Max Head per Stage Feet	Impeller Dia Min Inches	Impeller Dia Max Inches	Impeller No	Max Efficiency %	Best Efficiency %	Max Stages per 20 Feet of Impeller Shaft
42HH	Low Capacity	585	17260	24262	31264	20	52	24.45	26.57	4601515	88.9	89.0	4
48HXB	High Capacity	585	7846	25979	44112	55	121	24.69	28.63	2608562	88.0	89.3	1
42HXB	High Capacity	585	14283	26305	38326	35	89	28.55	31.62	2621920	87.4	86.7	6
42HH	High Capacity	585	19614	29209	38804	19	61	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	585	21183	33760	46336	25	69	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		585	23537	42386	61235	19	83	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	585	31383	43455	55526	26	76	28.09	32.40	2621984	89.3	89.3	4
56HH	Low Capacity	585	33327	56180	79033	39	102	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	585	38088	68559	99030	35	132	33.75	38.89	2621987	89.3	89.3	3
56HH-OH		585	38088	70464	102839	32	137	33.77	38.92	2633419	90.5	90.5	3
32HXB	Low Capacity	490	3163	6907	10650	14	42	20.84	24.60	2622117	86.9	83.7	8
36MA	Low Capacity	490	3638	7508	11378	16	47	25.00	27.13	2606023	89.8	89.8	8
36MA	High Capacity	490	4639	8836	13033	16	49	23.50	27.13	2604215	87.3	87.3	8
30HH-OH		490	6327	10545	14762	7	25	19.57	21.59	2633416	88.7	89.9	6
36HH	Low Capacity	490	7908	12895	17881	11	29	21.43	23.83	2621980	87.5	87.7	5
36HXB	High Capacity	490	6854	12983	19111	20	48	25.07	27.58	2618436	87.6	86.2	7
36HH	High Capacity	490	9490	15364	21238	12	34	21.76	25.05	2621981	87.4	87.4	5
36HH-OH		490	7908	15465	23021	11	37	21.76	25.05	2633417	88.8	88.8	5
42HXB	Low Capacity	490	10368	17945	25522	27	63	28.86	32.32	2618460	87.8	87.3	6
42HH	Low Capacity	490	14457	20322	26187	14	36	24.45	26.57	4601515	88.9	89.0	4
48HXB	High Capacity	490	6572	21761	36949	38	85	24.69	28.63	2608562	88.0	89.3	1
42HXB	High Capacity	490	11964	22033	32102	25	62	28.55	31.62	2621920	87.4	86.7	6
42HH	High Capacity	490	16429	24466	32503	13	43	24.69	28.63	4601514	89.3	89.3	4
48HH	Low Capacity	490	17743	28278	38812	18	48	27.69	30.07	2621983	88.8	88.8	4
48HH-OH		490	19715	35503	51291	13	58	28.12	32.41	2633418	90.5	90.5	4
48HH	High Capacity	490	26286	36398	46509	19	53	28.09	32.40	2621984	89.3	89.3	4
56HH	Low Capacity	490	27915	47057	66199	27	72	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	490	31903	57426	82948	24	93	33.75	38.89	2621987	89.3	89.3	3



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56HH-OH		490	31903	59021	86138	22	96	33.77	38.92	2633419	90.5	90.5	3
66HH	Low Capacity	490	55436	78974	102512	36	91	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	490	64675	96982	129289	32	107	39.14	45.09	2634713	89.3	88.9	2
56HH	Low Capacity	420	23927	40335	56742	20	53	33.23	36.06	2621986	87.7	88.9	3
56HH	High Capacity	420	27345	49222	71098	18	68	33.75	38.89	2621987	89.3	89.3	3
56HH-OH		420	27345	50589	73833	16	71	33.77	38.92	2633419	90.5	90.5	3
66HH	Low Capacity	420	47516	67692	87868	26	67	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	420	55436	83128	110819	23	79	39.14	45.09	2634713	89.3	88.9	2
66HH	Low Capacity	370	41859	59633	77407	20	52	38.53	41.83	2634788	88.9	88.9	2
66HH	High Capacity	370	48836	73232	97627	18	61	39.14	45.09	2634713	89.3	88.9	2