CENTRIFUGAL PUMP

CLH Series Marine Vertical Centrifugal Ballast Bilge Fire General Service pump

ISO9001 Supplier

Class Certificate

Export Supply

CLH series vertical centrifugal marine pump used in all kinds of shipping and warship for ballast pump, bilge pump, coolant pump, drainage pump and fire pump.



Key Highlights

Category	Centrifugal Pump
Standard	DIN
Material	Cast iron pump cast, Bronze impeller, Stainless steel pump shaft
Certificate	CCS, ABS，BV, LR, Etc

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Centrifugal Pump	**Model / SKU**	CLH-Series-Marine-Vertical-Centrifugal-Ballast-Bilge-Fire-General-Service-pump
Standard	DIN	**Material**	Cast iron pump cast, Bronze impeller, Stainless steel pump shaft
Certificate	CCS, ABS，BV, LR, Etc	**Warranty**	12 Months unless specified otherwise
Origin	China		

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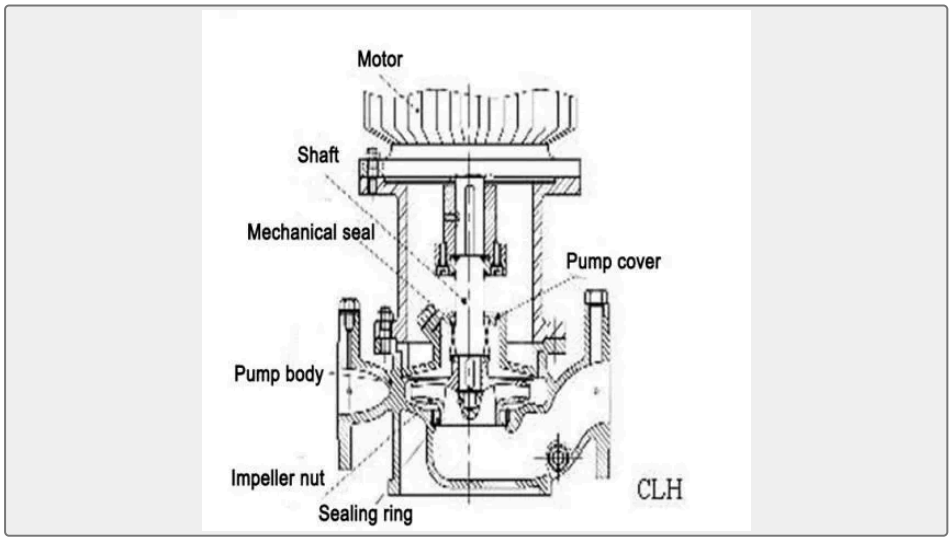
CLH Series Marine Vertical Centrifugal Ballast Fire General Service pump

CLH series vertical centrifugal marine pump used in all kinds of shipping and warship for ballast pump, bilge pump, coolant pump, drainage pump and fire pump. It also used as necessary feed pump for seawater desalting device and various tank equipument,and the booster pump for petroleum and chemical industry pipelines, cold and hot water circulating system and high-rise building living water supply system.

Model Explanation

- CLH25-25-6.5
- CLH-Marine vertical sea water pump
- 25-Inlet diameter 25mm
- 25-Outlet diameter 25mm
- 6.5-Pump speed divided 10

Structural Specification



Main Specification

Type	Capacity	Head	NPSH	Efficiency	Shaft power	Speed	Motor type power
	(m3/h)	(m)	(m)	(%)	(kw)	(r/min)	(kw)

CLH25-25-6.5	3	8	4	45	0.15	2800	0.37AO2-711-2H(V1)
CLH25-25-6.5A	2.7	6.5	4	45	0.11	0.37AO2-711-2H(V1)	
CLH40-32-2	5	45	4	29	2.11	2950	3Y100L-2H(V1)
CLH40-32-2.5	10	60	4	38	4.3	2950	5.5Y132S1-2H(V1)
CLH40-32-3	10	45	4	44	2.8	2950	4Y112M-2H(V1)
CLH40-32-3.5	5	25	4	48	0.71	2950	1.5Y90S-2H(V1)
CLH40-32-5	10	25	4	40	1.7	2950	2.2Y90L-2H(V1)
CLH50-32-2	12.5	80	2.5	36	7.6	2950	11Y160M1-2H(V1)
CLH50-32-2A	11.7	70	2.5	35	6.37	2950	7.5Y132S2-2H(V1)
CLH50-32-2B	10.8	60	2.5	35	5.04	2950	5.5Y132S1-2H(V1)
CLH50-32-3	12.5	65	2.3	37	6	2950	7.5Y132S2-2H(V1)
CLH50-32-3.5	12.5	50	3.2	45	3.8	2950	5.5Y132S1-2H(V1)
CLH50-32-3.5A	10	45	3.5	44	2.8	2950	4Y112M-2H(V1)
CLH50-32-4.5	12.5	32	3	52	2.1	2950	3Y100L-2H(V1)
CLH50-32-4.5A	10	28	3	52	1.47	2950	2.2Y90L-2H(V1)
CLH50-32-6.5	12.5	20	2.5	56	1.2	2950	2.2Y90L-2H(V1)
CLH50-40-7	20	25	4	59	2.3	2950	4Y112M-2H(V1)
CLH50-50-4.5	20	45	5	56	4.4	2950	5.5Y132S1-2H(V1)
CLH50-50-4.5A	18.6	38.5	5	55	3.55	2950	5.5Y132S1-2H(V1)
CLH65-40-2.5	25	125	3	38	22.4	2950	30Y200L1-2H(V1)
CLH65-40-2.5A	23.9	114	3	38	19.5	2950	22Y180M-2H(V1)
CLH65-40-2.5B	22.7	103	3	37	17.2	2950	22Y180M-2H(V1)
CLH65-40-2.5C	21.4	92	3	37	14.5	2950	18.5Y160L-2H(V1)
CLH65-40-3	25	80	3	49	11.1	2950	15Y160M2-2H(V1)
CLH65-40-3A	23	70	3	49	8.95	2950	11Y160M1-2H(V1)
CLH65-40-4	25	65	2.5	48	9.2	2950	11Y160M1-2H(V1)
CLH65-40-4.5	25	50	3	56	6.1	2950	7.5Y132S2-2H(V1)
CLH65-40-4.5A	23	45	3	55	5.2	2950	7.5Y132S2-2H(V1)
CLH65-50-6.5	25	32	2.3	63	3.5	2950	4Y112M-2H(V1)

CLH65-50-6.5A	23.4	28	2.5	62	2.9	2950	4Y112M-2H(V1)
CLH65-50-6.5B	21.7	24	2.5	62	2.3	2950	3Y100L-2H(V1)
CLH65-50-8.5	30	30	4	57	4.3	2950	5.5Y132S1-2H(V1)
CLH65-50-9	25	20	2.3	67	2.1	2950	3Y100L-2H(V1)
CLH65-50-9A	23.8	17.6	2.4	65	1.76	2950	2.2Y90L-2H(V1)
CLH65-65-5.5	30	45	4	55	6.7	2950	7.5Y132S2-2H(V1)
CLH65-65-5.5A	23.4	44	3	58	4.83	2950	5.5Y132S1-2H(V1)
CLH65-65-5.5B	21	35.3	3	56	3.6	2950	4Y112M-2H(V1)
CLH80-50-3.5	50	125	3.2	52	32.7	2950	37Y200L2-2H(V1)
CLH80-50-3.5A	47.7	114	3.2	51	29	2950	37Y200L2-2H(V1)
CLH80-50-3.5B	45.4	103	3.2	50	25.46	2950	30Y200L1-2H(V1)
CLH80-50-3.5C	42	88.5	3.2	50	20.24	2950	22Y180M-2H(V1)
CLH80-50-4	60	85	4	56	24.8	2950	30Y200L1-2H(V1)
CLH80-50-4.5	50	80	3	61	17.9	2950	22Y180M-2H(V1)
CLH80-50-4.5A	46.8	70	3	60	14.9	2950	18.5Y160L-2H(V1)
CLH80-50-5	50	65	4	63	14	2950	18.5Y160L-2H(V1)
CLH80-50-5A	46.5	56	4	62	11.44	2950	15Y160M2-2H(V1)
CLH80-50-6.5	50	50	2.7	66	10.3	2950	15Y160M2-2H(V1)
CLH80-50-6.5A	46.8	44	2.7	66	8.5	2950	11Y160M1-2H(V1)
CLH80-50-6.5B	43.3	38	2.7	66	6.8	2950	7.5Y132S2-2H(V1)
CLH80-50-7	50	45	3.5	57	10.75	2950	15Y160M2-2H(V1)
CLH80-50-7A	46.5	39	3.5	57	8.66	2950	11Y160M1-2H(V1)
CLH80-65-5.5	50	60	3.5	63	13	2950	18.5Y160L-2H(V1)
CLH80-65-5.5A	46.5	51.5	4	62	10.5	2950	15Y160M2-2H(V1)
CLH80-65-9	50	32	2.8	70	6.22	2950	7.5Y132S2-2H(V1)
CLH80-65-9A	46.8	28	2.8	70	5.1	2950	7.5Y132S2-2H(V1)
CLH80-65-9B	42	22	2.8	69	3.6	2950	4Y112M-2H(V1)

CLH80-65-11	50	25	3.5	70	4.9	2950	7.5Y132S2-2H(V1)
CLH80-65-13	50	20	3	73	3.8	2950	5.5Y132S1-2H(V1)
CLH80-65-13A	46.7	16.6	3	70	3	2950	4Y112M-2H(V1)
CLH100-65-5	100	125	5	63	54	2950	75Y280S-2H(V1)
CLH100-65-5A	95.5	114	5	63	47.04	2950	55Y250M-2H(V1)
CLH100-65-5B	90.8	103	5	63	40.4	2950	45Y225M-2H(V1)
CLH100-65-5C	85.8	92	5	62	34.7	2950	45Y225M-2H(V1)
CLH100-65-5.5	100	100	4.8	63	43.2	2950	55Y250M-2H(V1)
CLH100-65-7	70	60	4	65	17.59	2950	22Y180M-2H(V1)
CLH100-65-7A	65	52	4	64	14.4	2950	18.5Y160L-2H(V1)
CLH100-65-8	100	60	4.8	70	23.4	2950	30Y200L1-2H(V1)
CLH100-65-10	100	45	4.8	72	17	2950	22Y180M-2H(V1)
CLH100-65-10A	86	38	4.8	71	12.53	2950	15Y160M2-2H(V1)
CLH100-80-5	120	125	5	63	64.8	2950	75Y280S-2H(V1)
CLH100-80-5.5	114	112	5	63	55.2	2950	75Y280S-2H(V1)
CLH100-80-5.8	108	100	5	62	47.4	2950	55Y250M-2H(V1)
CLH100-80-6	100	90	5	70	35	2950	45Y225M-2H(V1)
CLH100-80-6.5	100	80	4.5	70	31.1	2950	37Y200L2-2H(V1)
CLH100-80-13.5	70	25	4	71	6.7	2950	11Y160M1-2H(V1)
CLH100-80-13	100	32	4	74	11.8	2950	15Y160M2-2H(V1)
CLH100-80-13A	93.5	28	4	74	9.63	2950	11Y160M1-2H(V1)
CLH100-80-13B	82.4	21.7	4	73	6.67	2950	11Y160M1-2H(V1)
CLH100-80-19	100	20	4	75	7.26	2950	11Y160M1-2H(V1)
CLH100-80-19A	93	17	4.5	74	5.8	2950	7.5Y132S2-2H(V1)
CLH100-80-8.5	70	45	4	71	12.1	2950	15Y160M2-2H(V1)

CLH100-80-8.5A	66	40	4	70	10.3	2950	15Y160M2-2H(V1)
CLH125-80-6	160	125	5.8	65	83.8	2950	90Y280M-2H(V1)
CLH125-80-7	160	100	5.2	66	66	2950	75Y280S-2H(V1)
CLH125-80-8	160	80	4.8	73	47.8	2950	55Y250M-2H(V1)
CLH125-80-8A	105	70	4.8	72	39.7	2950	55Y250M-2H(V1)
CLH125-80-8B	140	60	4.8	71	32.2	2950	45Y225M-2H(V1)
CLH125-80-10	160	65	4.2	71	40	2950	45Y225M-2H(V1)
CLH125-100-6.5	150	110	5	65	69.1	2950	75Y280S-2H(V1)
CLH125-100-6.5A	142	99	5	65	58.9	2950	75Y280S-2H(V1)
CLH125-100-10	125	20	4.5	74	9.2	1450	11Y160M-4H(V1)
CLH125-100-12.5	150	45	5.5	76	24.5	2950	30Y200L1-2H(V1)
CLH125-100-12	160	50	4	76	28.7	2950	37Y200L2-2H(V1)
CLH125-100-13	200	50	4.5	77	35.4	2950	45Y225M-2H(V1)
CLH125-100-17.5	120	25	5.5	78	10.5	2950	15Y160M2-2H(V1)
CLH125-100-17.5A	114	22	5.5	77	8.9	2950	11Y160M1-2H(V1)
CLH125-100-17	160	32	5	77	18.1	2950	22Y180M-2H(V1)
CLH125-100-17A	150	28	5	75	15.25	2950	18.5Y160L-2H(V1)
CLH125-100-19	200	32	3.5	75	23.23	2950	30Y200L1-2H(V1)
CLH125-125-23	160	20	3.5	78	11.7	2950	15Y160M2-2H(V1)
CLH150-125-10	265	86	4.5	74	83.84	1450	110Y315S-2H(V1)
CLH150-125-10A	251	77	4.5	73	72.1	1450	90Y280M-2H(V1)
CLH150-125-22	200	25	7	80	17	1450	22Y180M-2H(V1)
CLH150-125-10.5	250	32	7.5	78	28	1450	37Y225S-4H(V1)

CLH150-125-13	200	20	3.5	79	13.5	1450	18.5Y180M-4H(V1)
CLH150-125-13A	190	18	3.5	77	12.1	1450	15Y160L-4H(V1)
CLH150-125-7	220	50	4	71	42.2	1450	45Y225M-4H(V1)
CLH150-125-7A	206	44	4	72	34.3	1450	37Y225S-4H(V1)
CLH150-125-7B	193	38.5	4	71	28.5	1450	37Y225S-4H(V1)
CLH200-150-6	300	70	3	75	76.3	1450	90Y280M-4H(V1)
CLH200-150-6A	280	65	3	74	67	1450	75Y280S-4H(V1)
CLH200-150-9.5	400	50	4.2	78	69.8	1450	90Y280M-4H(V1)
CLH200-150-10	380	45	4.2	76	61.25	1450	75Y280S-4H(V1)
CLH200-150-11	340	36	4.2	76	43.84	1450	55Y250M-4H(V1)
CLH200-150-12	320	32	5	75	37.2	1450	45Y225M-4H(V1)
CLH250-200-21	500	20	4	79	34.5	1450	45Y225M-4H(V1)
CLH250-200-21A	475	18	4	78	29.85	1450	37Y225S-4H(V1)
CLH250-200-15	500	32	4	77	56.6	1450	75Y280S-4H(V1)
CLH250-200-15A	470	28	4	76	47.14	1450	55Y250M-4H(V1)
CLH300-250-11	600	32	4.5	78	67	1450	75Y280S-4H(V1)
CLH300-250-11A	600	25	4.5	76	53.73	1450	75Y280S-4H(V1)
CLH300-250-11B	560	25	4.5	76	50.15	1450	55Y250M-4H(V1)
CLH300-250-12	700	32	4.5	79	77.2	1450	90Y280M-4H(V1)
CLH300-250-12A	680	29	4.5	77	69.72	1450	75Y280S-4H(V1)
CLH300-250-19	850	20	4.5	78	59.33	1450	75Y280S-4H(V1)
CLH300-250-19A	824	18	4.5	76	53.13	1450	75Y280S-4H(V1)

CLH125-25-6.5	3.6	11.5	4.3	45	0.26	3360	0.37AO2-711-2H(V1)
CLH125-25-6.5A	3.24	9.4	4.3	45	0.19	3360	0.37AO2-711-2H(V1)
CLH140-32-2	6	64.8	4.3	29	3.65	3540	5.5Y132S1-2H(V1)
CLH140-32-2.5	12	86.4	4.3	38	7.43	3540	11Y160M1-2H(V1)
CLH140-32-3	12	64.8	4.3	44	4.84	3540	5.5Y132S1-2H(V1)
CLH140-32-3.5	6	36	4.3	48	1.23	3540	2.2Y90L-2H(V1)
CLH140-32-5	12	36	4.3	40	2.94	3540	4Y112M-2H(V1)
CLH150-32-2	15	115.2	3	36	13.13	3540	15Y160M2-2H(V1)
CLH150-32-2A	14.04	100.8	3	35	11.01	3540	15Y160M2-2H(V1)
CLH150-32-2B	12.96	86.4	3	35	8.71	3540	11Y160M1-2H(V1)
CLH150-32-3	15	93.6	3	37	10.37	3540	15Y160M2-2H(V1)
CLH150-32-3.5	15	72	3.5	45	6.57	3540	7.5Y132S2-2H(V1)
CLH150-32-3.5A	12	64.8	3.5	44	4.84	3540	5.5Y132S1-2H(V1)
CLH150-32-4.5	15	46.1	3.5	52	3.63	3540	5.5Y132S1-2H(V1)
CLH150-32-4.5A	12	40.3	3.5	52	2.54	3540	3Y100L-2H(V1)
CLH150-32-6.5	15	28.8	3	56	2.07	3540	3Y100L-2H(V1)
CLH150-40-7	24	36	4.5	58	3.97	3540	5.5Y132S1-2H(V1)
CLH150-50-4.5	24	64.8	5.2	56	7.6	3540	11Y160M1-2H(V1)
CLH150-50-4.5A	22.32	55.4	5.2	55	6.13	3540	7.5Y132S2-2H(V1)
CLH165-40-2.5	30	180	3.5	38	38.71	3540	45Y225M-2H(V1)
CLH165-40-2.5A	28.68	164.2	3.5	38	33.7	3540	45Y225M-2H(V1)
CLH165-40-2.5B	27.24	148.3	3.5	38	29.72	3540	37Y200L2-2H(V1)
CLH165-40-2.5C	25.68	132.5	3.5	38	25.06	3540	30Y200L1-2H(V1)
CLH165-40-3	30	115.2	3.5	49	19.18	3540	22Y180M-2H(V1)

CLH165-40-3A	27.6	100.8	3.5	49	15.47	3540	18.5Y160L-2H(V1)
CLH165-40-4	30	93.6	3	48	15.9	3540	18.5Y160L-2H(V1)
CLH165-40-4.5	30	72	3.5	56	10.54	3540	15Y160M2-2H(V1)
CLH165-40-4.5A	27.6	64.8	3.5	55	8.99	3540	11Y160M1-2H(V1)
CLH165-50-6.5	30	46.1	2.5	62	6.05	3540	7.5Y132S2-2H(V1)
CLH165-50-6.5A	28.08	40.3	2.8	61	5.01	3540	7.5Y132S2-2H(V1)
CLH165-50-6.5B	26.04	34.6	2.8	61	3.97	3540	5.5Y132S1-2H(V1)
CLH165-50-8.5	36	43.2	4.2	56	7.43	3540	11Y160M1-2H(V1)
CLH165-50-9	30	28.8	2.5	66	3.63	3540	5.5Y132S1-2H(V1)
CLH165-50-9A	28.56	25.3	2.5	65	3.04	3540	4Y112M-2H(V1)
CLH165-65-5.5	36	64.8	4.2	55	11.58	3540	15Y160M2-2H(V1)
CLH165-65-5.5A	28.08	63.4	3.5	57	8.35	3540	11Y160M1-2H(V1)
CLH165-65-5.5B	25.2	50.8	3.5	56	6.22	3540	7.5Y132S2-2H(V1)
CLH180-50-3.5	60	180	3.7	52	56.51	3540	75Y280S-2H(V1)
CLH180-50-3.5A	57.24	164.2	3.7	51	50.11	3540	75Y280S-2H(V1)
CLH180-50-3.5B	54.48	148.3	3.7	50	43.99	3540	30Y200L1-2H(V1)
CLH180-50-3.5C	50.4	127.4	3.7	50	34.97	3540	22Y180M-2H(V1)
CLH180-50-4	72	122.4	4.5	55	42.85	3540	30Y200L1-2H(V1)
CLH180-50-4.5	60	115.2	3.5	60	30.93	3540	22Y180M-2H(V1)
CLH180-50-4.5A	56.16	100.8	3.5	60	25.75	3540	18.5Y160L-2H(V1)
CLH180-50-5	60	93.6	4.3	62	24.19	3540	18.5Y160L-2H(V1)
CLH180-50-5A	55.8	80.6	4.3	61	19.77	3540	15Y160M2-2H(V1)
CLH180-50-6.5	60	72	3	65	17.8	3540	15Y160M2-2H(V1)

CLH180-50-6.5A	56.16	63.4	3	65	14.69	3540	11Y160M1-2H(V1)
CLH180-50-6.5B	51.96	54.7	3	65	11.75	3540	7.5Y132S2-2H(V1)
CLH180-50-7	60	64.8	4	56	18.58	3540	15Y160M2-2H(V1)
CLH180-50-7A	55.8	56.2	4	56	14.96	3540	11Y160M1-2H(V1)
CLH180-65-5.5	60	86.4	4	62	22.46	3540	18.5Y160L-2H(V1)
CLH180-65-5.5A	55.8	74.2	4.2	62	18.14	3540	15Y160M2-2H(V1)
CLH180-65-9	60	46.1	3	68	10.75	3540	7.5Y132S2-2H(V1)
CLH180-65-9A	56.16	40.3	3	68	8.81	3540	7.5Y132S2-2H(V1)
CLH180-65-9B	50.4	31.7	3	68	6.22	3540	4Y112M-2H(V1)
CLH180-65-11	60	36	3.8	68	8.47	3540	7.5Y132S2-2H(V1)
CLH180-65-13	60	28.8	3.5	71	6.57	3540	5.5Y132S1-2H(V1)
CLH180-65-13A	56.04	23.9	3.5	69	5.18	3540	4Y112M-2H(V1)
CLH1100-65-5	120	180	5.3	62	93.31	3540	75Y280S-2H(V1)
CLH1100-65-5A	114.6	164.2	5.3	62	81.29	3540	55Y250M-2H(V1)
CLH1100-65-5B	108.96	148.3	5.3	62	69.81	3540	45Y225M-2H(V1)
CLH1100-65-5C	102.96	132.5	5.3	61	59.96	3540	45Y225M-2H(V1)
CLH1100-65-5.5	120	144	5.2	62	74.65	3540	55Y250M-2H(V1)
CLH1100-65-7	84	86.4	4.5	63	30.4	3540	22Y180M-2H(V1)
CLH1100-65-7A	78	74.9	4.5	62	24.88	3540	18.5Y160L-2H(V1)
CLH1100-65-8	120	86.4	5.2	68	40.44	3540	30Y200L1-2H(V1)
CLH1100-65-10	120	64.8	5.2	70	29.38	3540	22Y180M-2H(V1)
CLH1100-65-10A	103.2	54.7	5.2	70	21.65	3540	15Y160M2-2H(V1)
CLH1100-80-5	144	180	4.2	62	111.97	3540	75Y280S-2H(V1)
CLH1100-80-5.5	136.8	161.3	4.2	62	95.39	3540	75Y280S-2H(V1)

CLH1100-80-5.8	129.6	144	4.2	61	81.91	3540	55Y250M-2H(V1)
CLH1100-80-6	120	129.6	5.5	68	60.48	3540	45Y225M-2H(V1)
CLH1100-80-6.5	120	115.2	4.7	68	53.74	3540	37Y200L2-2H(V1)
CLH1100-80-13.5	84	36	4.5	69	11.58	3540	11Y160M1-2H(V1)
CLH1100-80-13	120	46.1	4.5	72	20.39	3540	15Y160M2-2H(V1)
CLH1100-80-13A	112.2	40.3	4.5	72	16.64	3540	11Y160M1-2H(V1)
CLH1100-80-13B	98.88	31.2	4.5	71	11.53	3540	11Y160M1-2H(V1)
CLH1100-80-19	120	28.8	3.5	73	12.55	3540	15Y160M2-2H(V1)
CLH1100-80-19A	111.6	24.5	3.5	73	10.02	3540	15Y160M2-2H(V1)
CLH1100-80-8.5	84	64.8	4.5	69	20.91	3540	30Y200L1-2H(V1)
CLH1100-80-8.5A	79.2	57.6	4.5	69	17.8	3540	22Y180M-2H(V1)
CLH1125-80-6	192	180	6	61	144.81	3540	160Y315L1-2H(V1)
CLH1125-80-7	192	144	5.5	65	114.05	3540	132Y315M-2H(V1)
CLH1125-80-8	192	115.2	5	71	82.6	3540	110Y315S-2H(V1)
CLH1125-80-8A	126	100.8	5	70	68.6	3540	90Y280M-2H(V1)
CLH1125-80-8B	168	86.4	5	69	55.64	3540	75Y280S-2H(V1)
CLH1125-80-10	192	93.6	4.5	69	69.12	3540	90Y280M-2H(V1)
CLH1125-100-6.5	180	158.4	5.2	63	119.4	3540	160Y315L1-2H(V1)
CLH1125-100-6.5A	170.4	142.6	5.2	63	101.78	3540	132Y315M-2H(V1)
CLH1125-100-10	150	28.8	5	72	15.9	1750	22Y180L-4H(V1)
CLH1125-100-12.5	180	64.8	5.8	74	42.34	3540	55Y250M-2H(V1)
CLH1125-100-12	192	72	4.5	74	49.59	3540	55Y250M-2H(V1)
CLH1125-100-13	240	72	5	75	61.17	3540	75Y280S-2H(V1)

CLH1125-100-17.5	144	36	6	76	18.14	3540	22Y180M-2H(V1)
CLH1125-100-17.5A	136.8	31.7	6	75	15.38	3540	18.5Y160L-2H(V1)
CLH1125-100-17	192	46.1	5.5	75	31.28	3540	37Y200L2-2H(V1)
CLH1125-100-17A	180	40.3	5.5	73	26.35	3540	30Y200L1-2H(V1)
CLH1125-100-19	240	46.1	4	73	40.14	3540	45Y225M-2H(V1)
CLH1125-125-23	192	28.8	4	76	20.22	3540	22Y180M-2H(V1)
CLH1150-125-10	318	123.8	4.5	72	144.88	3540	160Y315L1-2H(V1)
CLH1150-125-10A	301.2	110.9	4.5	72	124.59	3540	160Y315L1-2H(V1)
CLH1150-125-22	240	36	7	78	29.38	3540	37Y200L2-2H(V1)
CLH1150-125-10.5	300	46.1	7.5	76	48.38	1750	55Y250M-4H(V1)
CLH1150-125-13	240	28.8	4	77	23.33	1750	30Y200L-4H(V1)
CLH1150-125-13A	228	25.9	4	77	20.91	1750	30Y200L-4H(V1)
CLH1150-125-7	264	72	4.5	71	72.92	1750	90Y280M-4H(V1)
CLH1150-125-7A	247.2	63.4	4.5	71	59.27	1750	75Y280S-4H(V1)
CLH1150-125-7B	231.6	55.4	4.5	71	49.25	1750	55Y250M-4H(V1)
CLH1200-150-6	360	100.8	3.5	73	131.85	1750	160Y315L1-4H(V1)
CLH1200-150-6A	336	93.6	3.5	72	115.78	1750	132Y315M-4H(V1)
CLH1200-150-9.5	480	72	4.5	76	120.61	1750	160Y315L1-4H(V1)
CLH1200-150-10	456	64.8	4.5	74	105.84	1750	132Y315M-4H(V1)
CLH1200-150-11	408	51.8	4.5	74	75.76	1750	90Y280M-4H(V1)
CLH1200-150-12	384	46.1	5.5	73	64.28	1750	75Y280S-4H(V1)

CLH1250-200-21	600	28.8	4.5	77	59.62	1750	75Y280S-4H(V1)
CLH1250-200-21A	570	25.9	4.5	76	51.58	1750	75Y280S-4H(V1)
CLH1250-200-15	600	46.1	4.5	75	97.8	1750	132Y315M-4H(V1)
CLH1250-200-15A	564	40.3	4.5	74	81.46	1750	110Y315S-4H(V1)
CLH1300-250-11	720	46.1	5	76	115.78	1750	132Y315M-4H(V1)
CLH1300-250-11A	720	36	5	74	92.85	1750	110Y315S-4H(V1)
CLH1300-250-11B	672	36	5	74	86.66	1750	110Y315S-4H(V1)
CLH1300-250-12	840	46.1	5	77	133.4	1750	160Y315L1-4H(V1)
CLH1300-250-12A	816	41.8	5	75	120.48	1750	160Y315L1-4H(V1)
CLH1300-250-19	1020	28.8	5	76	102.52	1750	132Y315M-4H(V1)
CLH1300-250-19A	988.8	25.9	5	74	91.81	1750	110Y315S-4H(V1)