



# CHC/L

Capacity <300m3/hr

Head <100 meters

Built to EN733

ATEX Certified

Cast Iron Construction

## FEATURES

- Cast Iron Construction + + Long or Closed Coupled
- Suitable for Clean liquids + + <80% Operating Efficiency
- Solid Handling + + ATEX Installation

## Overview

The CHC/L Pump range are single stage centrifugal pumps suitable for clean liquids, without abrasives but can handle solids content <0.2% concentration. Uniquely, the CHC range can be ATEX certified for hazardous environments.

Offering the most robust design in the industry, the main focus of the CHC/L range is to increase user profitability.

With downtime reduced and production increased thanks to the high efficiency design which requires very little maintenance. Nominal duty points and performances are in accordance with EN733.

## Suitability

Our CHC Cast Iron Centrifugal Pump have been specifically designed to support high flow rates, pressures and temperatures.

The Cast Iron range is most suited to work optimally within the water supply, heating, condition, cooling and circulation plant formats as well as fire fighting and irrigation.

As an assurance to your business we offer, as standard, 18 months warranty on all CHC Cast Iron pumps.



## Technical Specifications

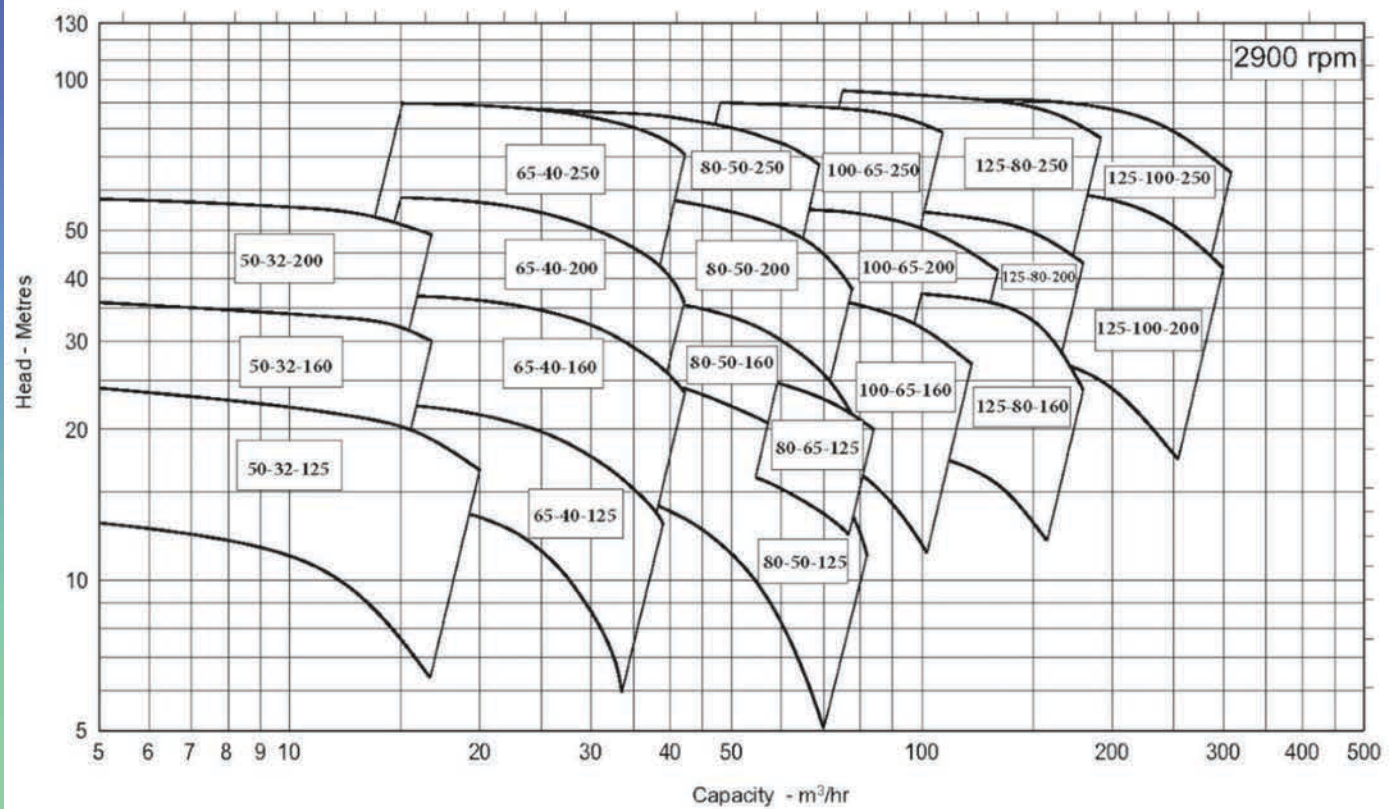
Model	Suction/Discharge	Speed	Rated Capacity	Rated Head	Max Capacity	Max Head	Motor Output	Best Efficiency
CHC	(mm*mm)	(rpm)	(m3/hr)	(m)	(m3/hr)	(m)	(kw)	(%)
50-32-125	50*32	2900	16	20	25	24	1.5	72
50-32-160	50*32	2900	18	28	27	35	2.2	74
50-32-200	50*32	2900	12	53	18	58	5.5	54
65-40-125	65*40	2900	27	19	40	22	2.2	75
65-40-160	65*40	2900	35	30	45	35	4	72
65-40-200	65*40	2900	32	50	40	55	7.5	64
65-40-250	65*40	2900	36	80	42	90	15	57
65-50-125	65*50	2900	56	21	80	27	4	76
65-50-160	65*50	2900	54	32	80	37	7.5	72
65-50-200	65*50	2900	60	50	80	60	15	72
65-50-250	65*50	2900	58	70	65	80	18.5	62
80-65-125	80*65	2900	82	20	95	27	7.5	73
80-65-160	80*65	2900	100	33	120	40	11	74
80-65-200	80*65	2900	116	46	130	58	22	73
80-65-250	80*65	2900	80	86	110	90	37	68
80-65-315	80*65	1450	70	30	85	35	9.2	69
100-80-160	100*80	2900	140	34	180	40	18.5	76
100-80-200	100*80	2900	150	48	180	56	30	71
100-80-250	100*80	2900	170	84	180	96	45	77
100-80-315	100*80	2900	96	33	140	38	15	72
125-80-400	125*80	1450	88	53	135	62	30	60
125-100-200	125*100	2900	240	52	300	62	45	80
125-100-250	125*100	2900	260	77	300	90	75	71
125-100-315	125*100	1450	154	31	200	35	18.5	77
125-100-400	125*100	1450	168	49	190	57	37	71
150-125-250	150*125	1450	220	18	300	22	15	80
150-125-315	150*125	1450	240	31	330	36	30	80
150-125-400	150*125	1450	240	53	330	60	45	76
200-150-315	200*150	1450	340	30	450	35	45	82
200-150-400	200*150	1450	370	49	500	60	75	78

### No Obsolete Part Policy

Our whole range of Cast Iron Centrifugal Pumps come with our **No Obsolete Parts** policy guarantee. Meaning if you have your Crest made pump for 40 years, we will still be able to provide you with parts and an exact replacement to minimise disruption to your production line.

# CHC/L

## Model Curves



## Installation Options



Bareshaft or on base plate. Grease lubricated ball bearings. Motor coupled by flexible coupling.



Identical to CHL type, but with more compact and cost effective lantern bracketing.

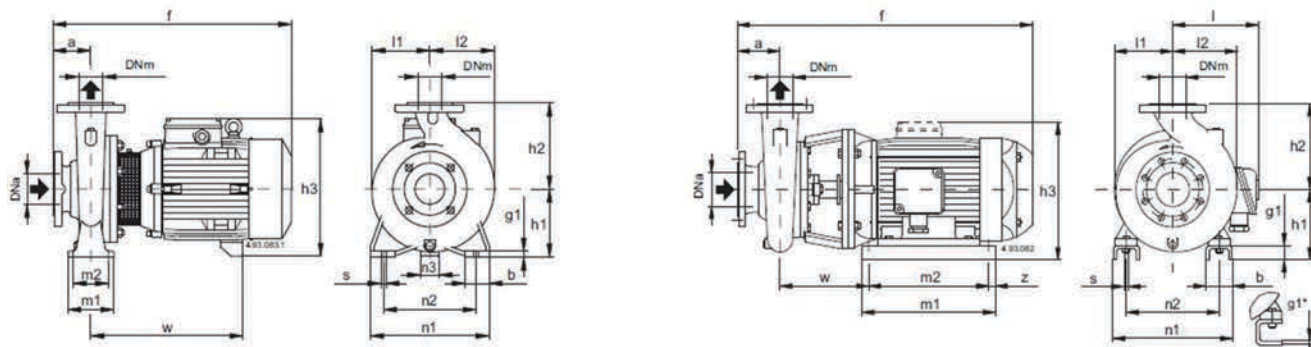


Close coupled with extended motor shaft.



# CHC/L

## Dimensions



Fg	CHCL	DIMENSION[mm]																	Weight [kg]			
		DNa	DNm	a	f	h1	h2	h3	m1	m2	n1	n2	n3	z	b	s	l	l1		l2	w	g1
1	CHC 32/125SE-AE-DE-FE	50	32	80	405	112	140	240	100	70	190	140	37	-	50	14	-	93	97	245	12	27-25-24-24
	CHC 32/160AE-BE	50	32	80	410	132	160	260	100	70	240	190	47	-	50	14	-	120	120	250	12	36-34
	CHC 32/200DE	50	32	80	410	160	180	288	100	70	240	190	62	-	50	14	-	140	140	250	12	39
	CHC 32/200CE				60								295							49		
	CHC 32/200AE				60								295							52		
	CHC 40/125A/A-C/A-F/A	65	40	80	410	112	140	240	100	70	210	160	37	-	50	14	-	100	113	250	12	31-29-27
	CHC 40/160C/A	65	40	80	410	132	160	260	100	70	240	190	47	-	50	14	-	119	119	250	12	36
	CHC 40/160B/A				45								295							45		
	CHC 40/160A/A				45								295							49		
	CHC 40/200CE-DE	65	40	100	495	160	180	288	100	70	265	212	60	-	50	14	-	140	140	295	12	55-55
	CHC 40/200AE-ARE-BE				49								320							72-65-65		
	CHC 40/250B/A-C/A	65	40	100	640	180	225	365	125	95	320	250	50	-	65	14	-	175	175	410	15	116-110
CHC 40/250A/A	460				133																	
CHC 50/125F/A	65	50	100	430	132	160	260	100	70	240	190	47	-	50	14	-	12	13	250	12	38	
CHC 50/125D/A				45								295							47			
CHC 50/125A/A-S/A				45								295							51-51			
CHC 50/160A/A-B/A	65	50	100	525	160	180	320	100	70	265	212	49	-	50	14	-	127	141	320	14	70-64	
CHC 50/200A/A-B/A	65	50	100	640	160	200	345	100	70	265	212	40	-	50	14	-	140	153	410	15	106-100	
CHC 50/205S/A				460								112										
CHC 50/250C/A	65	50	100	645	180	225	365	125	95	320	250	50	-	65	14	-	175	175	415	15	126	
CHC 50/250B/A				465								132										
CHC 50/250A/A				465								147										
CHC 65/125EE	80	65	100	495	160	180	288	125	95	280	212	60	-	65	14	-	134	156	295	15	55	
CHC 65/125AE-CE				49								320							73-67			
CHC 65/160DE-EE	80	65	100	525	160	200	320	125	95	280	212	49	-	65	14	-	150	172	320	15	75-70	
CHC 65/160BE-CE				40								410							106-100			
CHC 65/160AE				40								460							121			
CHC 65/200CE	80	65	100	690	180	225	365	125	95	320	250	50	-	65	14	-	155	175	460	15	127	
CHC 65/200BE				715								139										
CHC 65/200AE	80	65	100	825	202	225	408	400	360	344	254	-	20	90	14	-	155	175	245	42	164	
CHC 65/250BE-CE	80	65	100	825	202	250	408	400	360	344	254	-	20	90	14	-	175	190	245	42	195-174	
CHC 65/250AE				945								245							299			
CHC 80/160EE	100	80	125	545	180	225	340	125	95	320	250	60	-	65	14	-	165	193	320	15	83	
CHC 80/160CE-DE				50								415							113-108			
CHC 80/160BE				50								465							130			
CHC 80/160AE				50								465							144			
CHC 80/200AE-BE	100	80	125	850	202	250	408	400	360	344	254	-	20	90	14	-	170	194	245	42	194-173	
CHC 80/250DE-EE	100	80	125	850	202	280	408	400	360	344	254	-	20	90	14	-	191	210	245	42	203-182	
CHC 80/250AE-BE-CE				970								245							377-361-331			
CHC 100/200EE	125	100	125	800	192	280	377	298	258	262	216	-	20	69	12	-	180	212	239	6	173	
CHC 100/200CE-DE				202								400							195-174			
CHC 100/200AE-BE				970								245							355-323			
CHC 100/250BE	125	100	140	980	245	280	-	475	425	408	318	-	25	90	18	290	205	233	263	45	386	
CHC 100/250AE				1050								275							498			



# CHC/L

## Bairds Malt

As part of the distillation process, Bairds Malt required duty at a 150m<sup>3</sup>/3hr capacity and head of 32.5 meters. Crest Pumps were recommended to Baird Malts by another well know brewery due to our "faultless service".

Crest delivered the CHC/L ahead of schedule. Within the same week Bairds Malt ordered another CHC/L to fit within another part of their process.

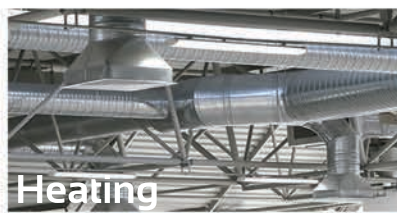
We continue to help other distilleries across the country with their distillation process.



## Applications



Water Supply



Heating



Water conditioning



Irrigation



Fire fighting



Atex Environments

## Previous Clients



*"The competitive pricing and quick turnaround is only surpassed by the tremendous technical back up and unique product integrity. The Crest drive to be innovative in breaking new ground, sets it apart from the more disparate manufacturers we have seen in recent years."*

Mr. M - Project Manager - Alperton Engineering

*"Crest pumps are a delight to work with as a supplier and customer. Crest pumps as a company offer fantastic expert advice with regards to the products they provide, and always exceed expectation with their quote turn around times. There is no one better as a supplier of chemical and aggressive solution pumps."*

Mrs. O - Industrial Manager - Anchor Pumps