SHERTECH®
Delivering Solutions

High Head Close-Coupled Centrifugal Pumps
316 Stainless Steel, Bronze and Cast Iron Models

Description

Shertech close-coupled cast iron, bronze or 316 stainless steel units pump continuously, producing high-head conditions. Designed for continuous high-pressure circulation and transfer of nonflammable liquids, utility, boiler feed, general transfer, filtration, cooling towers, condensate return, marine applications, fountains, boosters, water circulation, irrigation, spraying systems, jockey pump service, chemical processing, aggressive liquid applications and other general-purpose pumping compatible with pump component materials where no suction lift or no self-priming is required.

- Capacities to 118 GPM, heads to 148 ft.
- 1/2 to 3 HP AC, NEMA 56J frame and base, ODP and TEFC, single and three-phase motors. Single-phase motors are equipped with thermal overload protection. Overload protection not supplied on three-phase units and must be provided in starter units. Pump control box must be ordered separately.
- Pumps feature maintenance-free ball bearings and an easily accessible front drain plug for draining liquid.
- High head close-coupled bronze and 316 stainless steel pumps use 316 stainless steel impellers which provide increased corrosion resistance. Cast iron pumps use cast iron impellers.
- Maximum casing working pressure is 200 PSI.
- 1" to 1½" female NPT inlet and outlet ports.
- Discharge port can be rotated at 90-degree intervals.
- Maximum temperatures to 200° F.
- Standard pump models (at 3450 RPM) will handle specific gravities to 1.1 (at 100 SSU or less). For specific gravities to 1.4 (at 100 SSU or less), increase motor HP by one size but not to exceed standard 3 HP motor at 3450 RPM or 65 in.-lbs. of torque maximum. Higher specific gravity fluids are not recommended.
- Standard pump models (at 3450 RPM) will handle viscosity to 100 SSU (at 1.1 specific gravity or less) and up to 200 SSU (specific gravity of 1.0 or less). For viscosity up to 400 SSU (specific gravity of 1.0 or less), increase motor HP by one size but not to exceed standard 3 HP motor at 3450 RPM or 65 in.-lbs. of torque. For fluids with a viscosity greater than 400 SSU, pump speed must be reduced below 3450 RPM.
- Seals: Pumps are equipped with a carbon ceramic mechanical seal having 316 stainless steel components. These seals protect the 300 series stainless steel motor shaft from chemical exposure. Viton seal & o-ring standard in cast iron, bronze and 316 stainless steel models. Aftermarket options listed below.

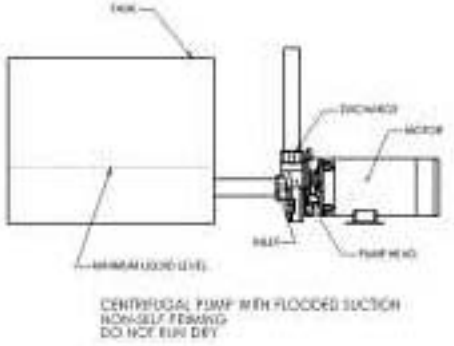
PEDESTAL MODELS – Shertech pedestals are available and can be long coupled or pulley driven.

REPAIR SEALS AND OPTIONS – Standard (Viton) and an upgraded (Silicon Carbide) seal are available. If abrasive or small, particulated fluids are being pumped, an upgrade to the silicon carbide mechanical seal with Viton elastomers is recommended. Standard and upgraded seals are called out in the repair parts list pages in this manual.

PUMP HEADS AND PEDESTAL MOUNT BASE – Complete pump heads and pedestal base can be ordered. Pump head and pedestal model numbers are called out in the repair parts list pages in this manual.

Do not use to pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, etc. Do not use in flammable and/or explosive atmospheres. When pumping hazardous or dangerous materials, use only in room or area designated for that purpose. For your protection, always wear proper clothing, eye protection, etc. in case of any malfunction. For proper handling techniques and cautions, contact your chemical supplier, insurance company and local agencies (fire dept., etc.). Failure to comply with this warning could result in personal injury and/or property damage.

⚠ CAUTION ***Pumps are not self-priming and cannot suction lift, flooded inlet is required. If inlet is not flooded when the pump is running, seal failure will result and is not covered under the manufacturer's warranty.***

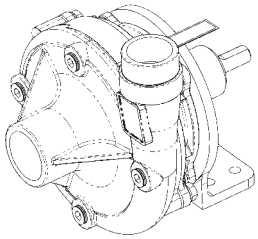


CENTRIFUGAL PUMP WITH FLOODED SUCTION
NON-SELF PRIMING
DO NOT RUN DRY

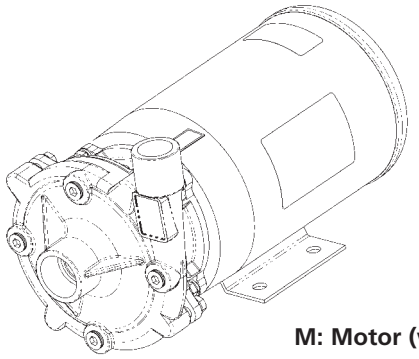
Source: Owner's Manual L-4067 (11/07)

High Head Close-Coupled Centrifugal Pumps
316 Stainless Steel, Bronze and Cast Iron Models

Model Ordering Codes and Options



P: Pedestal

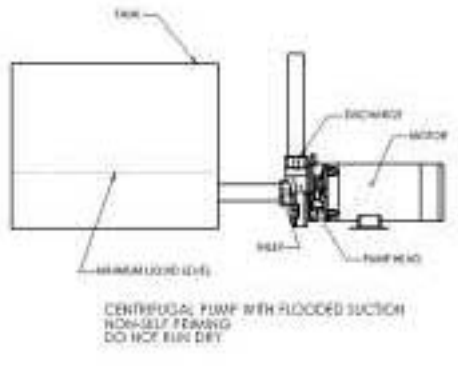


M: Motor (with base)

Example Model: CHMSV45 (1½ HP ODP motor with >1.15 Service Factor*)
or CHMSV46T (2 HP TEFC motor with 1.0 Service Factor*)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
CH	M	S	V	4	6	T

1st	2nd	3rd	4th	5th	6th	7th
Series	Mounting	Material	Seal** (Mech)	Impeller Sz. (NPT Ports)	Motor-Mounted Only	
					HP	AC Type
CH: Centrifugal High Head Closed Impeller	M: Motor (with Base) P: Pedestal	S: 316 SS Body and Impeller B: Bronze Body and 316 SS Impeller C: Cast Iron Body and Impeller	B: Buna-N (Stainless Steel Case) V: Viton (Stainless Steel Case) C: Viton (Stainless Steel Case) (Silicon Carbide Seal and Seat Faces)	1 (1"- 1¼") 2 (1"- 1¼") 3 (1"- 1¼") 4 (1½"- 1¼") 5 (1½"- 1¼") 6 (1½"- 1¼") *To identify your impeller size, see chart in owner's manual.*	1: 1/3 2: 1/2 3: 3/4 4: 1 5: 1½ 6: 2 7: 3 X: 56J Frame Motor "wet-end kit" Example: CHMSV1X	Blank: no code single phase ODP motor 3: 3 phase ODP motor T: 1 phase TEFC 3T: 3 phase TEFC



NOTE: Not all order code combinations (configurations) are standard models available from the manufacturer. Custom model configurations may require ordering standard components and/or optional parts that will need to be assembled by the customer.

Manufacturer reserves the right to change model order codes, standard models, specifications, and performance without notification.

(*) ODP motors have > 1.15 service factors. Due to service factor, it is recommended TEFC motors are oversized by one HP increment. Pedestal Pumps are not supplied with a motor.

(**) Unless otherwise noted, seal faces are carbon on ceramic.

Source: Owner's Manual L-4067 (11/07)

High Head Close-Coupled Centrifugal Pumps
316 Stainless Steel, Bronze and Cast Iron Models

Performance – Standard Models (Water at 70°)

Impeller Size	316 Stainless Steel Models	Bronze Models	Cast Iron Models	HP**	GPM of Water at Total Head in Feet* 10	20	30	40	50	70	90	110	130	Max. Head
1	CHMSV1X	CHMBV1X	CHMCV1X	1/2	42	39	36	32	28	14	–	–	–	81
2	CHMSV2X	CHMBV2X	CHMCV2X	3/4	52	49	46	42	38	27	12	–	–	98
3	CHMSV3X	CHMBV3X	CHMCV3X	1	58	56	52	48	44	34	23	3	–	112
4	CHMSV4X	CHMBV4X	CHMCV4X	1½	94	90	85	78	71	54	31	–	–	110
5	CHMSV5X	CHMBV5X	CHMCV5X	2	107	103	98	92	87	73	55	32	3	131
6	CHMSV6X	CHMBV6X	CHMCV6X	3	118	114	109	104	98	84	69	50	26	148

(*) Test data taken with water at 70°F for pumps on 60 Hz motors at 3450 RPM motors (to convert data to PSI, divide feet of head by 2.31).
Pump performance when pump is new. As pump wears, the performance will decrease.
(**) AC HP required at specified RPM is HP rated to handle up to 100 SSU at full flow, with a maximum specific gravity of 1.1, or up to 200 SSU at 1.0 specific gravity or less.

NOTES: Max. Viscosity = For viscosity up to 400 SSU (at 1.0 specific gravity or less), increase motor HP by one size but not to exceed standard 3 HP motor at 3450 RPM or 65 in.-lbs. of torque. For fluids with a viscosity greater than 400 SSU, pump speed must be reduced below 3450 RPM.
Max. Casing PSI = 200 Max. RPM = 3450
Max. Specific Gravity = up to 1.1 for standard models (at 100 SSU or less); HP must be increased by one size for specific gravities up to 1.4.
Driver data is subject to change without notice; see label on driver for actual specifications.
Manufacturer reserves the right to change performance without notification.

Price List and Specifications (Pump heads only)

List Price	SUGGESTED DRIVER (Motor Not Included) Model Number	HP	NEMA Frame	RPM	Shaft	PUMP CONSTRUCTION (Wet End) Port Size FNPT	Body	Impeller	Motor Adapter	Seals*	Ship Wt. (lbs.)
	316 SS Models										
$	CHMSV1X	1/2	56J	3450	NA	1¼" x 1"	316 SS	316 SS	316 SS	Viton	27
$	CHMSV2X	3/4	56J	3450	NA	1¼" x 1"	316 SS	316 SS	316 SS	Viton	27
$	CHMSV3X	1	56J	3450	NA	1¼" x 1"	316 SS	316 SS	316 SS	Viton	28
$	CHMSV4X	1½	56J	3450	NA	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	38
$	CHMSV5X	2	56J	3450	NA	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	40
$	CHMSV6X	3	56J	3450	NA	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	41
	Bronze Models										
$	CHMBV1X	1/2	56J	3450	NA	1¼" x 1"	BR	316 SS	BR	Viton	27
$	CHMBV2X	3/4	56J	3450	NA	1¼" x 1"	BR	316 SS	BR	Viton	29
$	CHMBV3X	2	56J	3450	NA	1¼" x 1"	BR	316 SS	BR	Viton	31
$	CHMBV4X	1½	56J	3450	NA	1½" x 1¼"	BR	316 SS	BR	Viton	39
$	CHMBV5X	2	56J	3450	NA	1½" x 1¼"	BR	316 SS	BR	Viton	41
$	CHMBV6X	3	56J	3450	NA	1½" x 1¼"	BR	316 SS	BR	Viton	43
	Cast Iron Models										
$	CHMCV1X	1/2	56J	3450	NA	1¼" x 1"	CI	CI	CI	Viton	26
$	CHMCV2X	3/4	56J	3450	NA	1¼" x 1"	CI	CI	CI	Viton	27
$	CHMCV3X	2	56J	3450	NA	1¼" x 1"	CI	CI	CI	Viton	28
$	CHMCV4X	1½	56J	3450	NA	1½" x 1¼"	CI	CI	CI	Viton	35
$	CHMCV5X	2	56J	3450	NA	1½" x 1¼"	CI	CI	CI	Viton	37
$	CHMCV6X	3	56J	3450	NA	1½" x 1¼"	CI	CI	CI	Viton	39

SS = Stainless Steel BR = Bronze CI = Cast Iron
(*) Standard shaft seals have carbon on ceramic faces and 316 SS components.
NOTE: Manufacturer reserves the right to change specifications without notification.

To Order Optional Motors

For custom applications or configurations, select a pump head from above and a 56J Frame motor or pedestal mount from the motor section of this catalog.

Source: Owner's Manual L-4067 (11/07)

High Head Close-Coupled Centrifugal Pumps

316 Stainless Steel, Bronze and Cast Iron Models

Price List and Specifications

List Price	Model Number	HP	Motor Type	NEMA Frame	DRIVER Motor Voltage	Full Load Amps	Service Factor Amps **	Hertz	Phase	Overload Protection	RPM	Shaft	PUMP CONSTRUCTION (Wet End) Port Size FNPT	Body	Impeller	Motor Adapter	Seals*	Ship Wt. (lbs.)
	316 SS Models																	
$	CHMSV12	1/2	ODP	56J	115/208-230	11.10/6.50-5.55	12.4/6.8-6.2	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	43
$	CHMSV123	1/2	ODP	56J	208-230/460	1.85-1.85/0.92	2.53/1.27	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	43
$					190/380	2.04/1.02	**	50	3	No	2830							
$	CHMSV13T	3/4	TEFC	56J	115/208-230	9.80/5.40-4.90	10.6/5.30	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	46
$	CHMSV133T	3/4	TEFC	56J	208-230/460	2.50-2.30/1.15	2.60/1.30	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	46
$					190/380	2.70/1.35	**	50	3	No	2830							
$	CHMSV23	3/4	ODP	56J	115/208-230	13.00/7.20-6.50	15.30/8.45-7.65	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	44
$	CHMSV233	3/4	ODP	56J	208-230/460	2.45-2.39/1.20	3.59/1.80	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	44
$					190/380	2.88/1.44	**	50	3	No	2830							
$	CHMSV24T	1	TEFC	56J	115/208-230	12.20/6.75-6.10	17.0/8.5	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	47
$	CHMSV243T	1	TEFC	56J	208-230/460	3.20-2.90/1.45	3.40/1.70	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	45
$					190/380	3.40/1.70	**	50	3	No	2830							
$	CHMSV34	1	ODP	56J	115/208-230	12.40/6.85-6.20	15.70/8.70-7.85	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	47
$	CHMSV343	1	ODP	56J	208-230/460	3.17-3.11/1.55	4.07/2.03	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	45
$					190/380	3.70/1.83	**	50	3	No	2830							
$	CHMSV35T	1½	TEFC	56J	115/208-230	16.60/9.00-8.30	18.94/9.47	60	1	Yes	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	51
$	CHMSV353T	1½	TEFC	56J	208-230/460	4.63-4.20/2.10	4.70/2.35	60	3	No	3450	303 SS	1¼" x 1"	316 SS	316 SS	316 SS	Viton	49
$					190/380	4.90/2.45	**	50	3	No	2830							
$	CHMSV45	1½	ODP	56J	115/208-230	17.00/9.35-8.50	21.00/10.4-10.50	60	1	Yes	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	57
$	CHMSV453	1½	ODP	56J	208-230/460	4.50-4.26/2.13	5.55/2.77	60	3	No	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	54
$					190/380	5.18/2.59	**	50	3	No	2830							
$	CHMSV46T	2	TEFC	56J	115/208-230	19.40/10.70-9.70	22.16/11.08	60	1	Yes	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	64
$	CHMSV463T	2	TEFC	56J	208-230/460	5.92-5.36/2.68	6.00/3.00	60	3	No	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	60
$					190/380	6.30/3.15	**	50	3	No	2830							
$	CHMSV56	2	ODP	56J	115/208-230	23.00/12.60-11.50	24.5/13.5-12.25	60	1	Yes	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	63
$	CHMSV563	2	ODP	56J	208-230/460	5.80-5.20/2.60	6.20/3.10	60	3	No	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	58
$					190/380	6.40/3.20	**	50	3	No	2830							
$	CHMSV67	3	ODP	56J	208-230	15.3-13.5	**	60	1	Yes	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	VIton	69
$	CHMSV57T	3	TEFC	56J	208-230	13.3-12.2	**	60	1	Yes	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	73
$	CHMSV673	3	ODP	56J	208-230/460	8.42-7.65/3.83	9.00/4.50	60	3	No	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	64
$					190/380	6.32/3.16	**	50	3	No	2830							
$	CHMSV573T	3	TEFC	56J	208-230/460	8.30-7.60/3.80	8.40/4.20	60	3	No	3450	303 SS	1½" x 1¼"	316 SS	316 SS	316 SS	Viton	68
$					190/380	6.20/3.10	**	50	3	No	2830							
	Bronze Models																	
$	CHMBV12	1/2	ODP	56J	115/208-230	11.10/6.50-5.55	12.4/6.8-6.2	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	46
$	CHMBV123	1/2	ODP	56J	208-230/460	1.85-1.85/0.92	2.53/1.27	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	46
$					190/380	2.04/1.02	**	50	3	No	2830							
$	CHMBV23	3/4	ODP	56J	115/208-230	13.00/7.20-6.50	15.30/8.45-7.65	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	47
$	CHMBV13T	3/4	TEFC	56J	115/208-230	9.80/5.40-4.90	10.6/5.30	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	49
$	CHMBV233	3/4	ODP	56J	208-230/460	2.45-2.39/1.20	3.59/1.80	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	47
$					190/380	2.88/1.44	**	50	3	No	2830							
$	CHMBV133T	3/4	TEFC	56J	208-230/460	2.50-2.30/1.15	2.60/1.30	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	49
$					190/380	2.70/1.35	**	50	3	No	2830							
$	CHMBV24T	1	TEFC	56J	115/208-230	12.20/6.75-6.10	17.0/8.5	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	49
$	CHMBV243T	1	TEFC	56J	208-230/460	3.20-2.90/1.45	3.40/1.70	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	47
$					190/380	3.40/1.70	**	50	3	No	2830							
$	CHMBV34	1	ODP	56J	115/208-230	12.40/6.85-6.20	15.70/8.70-7.85	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	50
$	CHMBV343	1	ODP	56J	208-230/460	3.17-3.11/1.55	4.07/2.03	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	48
$					190/380	3.70/1.83	**	50	3	No	2830							
$	CHMBV35T	1½	TEFC	56J	115/208-230	16.60/9.00-8.30	18.94/9.47	60	1	Yes	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	54
$	CHMBV353T	1½	TEFC	56J	208-230/460	4.63-4.20/2.10	4.70/2.35	60	3	No	3450	303 SS	1¼" x 1"	BR	316 SS	BR	Viton	52
$					190/380	4.90/2.45	**	50	3	No	2830							
$	CHMBV45	1½	ODP	56J	115/208-230	17.00/9.35-8.50	21.00/10.4-10.50	60	1	Yes	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	64
$	CHMBV453	1½	ODP	56J	208-230/460	4.50-4.26/2.13	5.55/2.77	60	3	No	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	58
$					190/380	5.18/2.59	**	50	3	No	2830							
$	CHMBV46T	2	TEFC	56J	115/208-230	19.40/10.70-9.70	22.16/11.08	60	1	Yes	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	76
$	CHMBV463T	2	TEFC	56J	208-230/460	5.92-5.36/2.68	6.00/3.00	60	3	No	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	69
$					190/380	6.30/3.15	**	50	3	No	2830							
$	CHMBV56	2	ODP	56J	115/208-230	23.00/12.60-11.50	24.5/13.5-12.25	60	1	Yes	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	67
$	CHMBV563	2	ODP	56J	208-230/460	5.80-5.20/2.60	6.20/3.10	60	3	No	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	62
$					190/380	6.40/3.20	**	50	3	No	2830							
$	CHMBV67	3	ODP	56J	208-230	15.3-13.5	**	60	1	Yes	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	73
$	CHMBV57T	3	TEFC	56J	208-230	13.3-12.2	**	60	1	Yes	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	77
$	CHMBV673	3	ODP	56J	208-230/460	8.42-7.65/3.83	9.00/4.50	60	3	No	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	68
$					190/380	6.32/3.16	**	50	3	No	2830							
$	CHMBV573T	3	TEFC	56J	208-230/460	8.30-7.60/3.80	8.40/4.20	60	3	No	3450	303 SS	1½" x 1¼"	BR	316 SS	BR	Viton	72
$					190/380	6.20/3.10	**	50	3	No	2830							

BR = Bronze SS = Stainless Steel CI = Cast Iron ODP = Open Drip-Proof TEFC = Totally Enclosed Fan Cooled

Continued on page 16

(*) Standard Shaft Seals have carbon on ceramic faces and 316 SS components.

(**) At 208 volts or 50 hertz, the Service Factor Amps are the same as the Full Load Amps.

NOTES: Driver data is subject to change without notice, see label on driver for actual specifications.
All motors include a base (the base may be removable, movable or welded). Motors are not supplied with power cords.
Manufacturer reserves the right to change specifications without notification.
Standard motors listed above are not wash-down or explosion-proof (manufacturer does not stock wash-down or explosion-proof motors).
Thermal overload protection is standard on all single-phase motors (overload protector may have automatic or manual reset); three-phase motors are not provided with thermal overload protection.
Manufacturer does not specify regulatory compliance for UL, UR, CSA or CE; however most models do comply to UL, UR, CSA and CE.

Source: Owner's Manual L-4067 (11/07)

High Head Close-Coupled Centrifugal Pumps

316 Stainless Steel, Bronze and Cast Iron Models

Price List and Specifications

List Price	Model Number	HP	Motor Type	NEMA Frame	DRIVER Motor Voltage	Full Load Amps	Service Factor Amps **	Hertz	Phase	Overload Protection	RPM	Shaft	PUMP CONSTRUCTION (Wet End) Port Size FNPT	Body	Impeller	Motor Adapter	Seals*	Ship Wt. (lbs.)
	Cast Iron Models																	
$	CHMCV12	1/2	ODP	56J	115/208-230	11.10/6.50-5.55	12.4/6.8-6.2	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	43
$	CHMCV123	1/2	ODP	56J	208-230/460	1.85-1.85/0.92	2.53/1.27	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	43
$					190/380	2.04/1.02	**	50	3	No	2830							
$	CHMCV23	3/4	ODP	56J	115/208-230	13.00/7.20-6.50	15.30/8.45-7.65	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	44
$	CHMCV13T	3/4	TEFC	56J	115/208-230	9.80/5.40-4.90	10.6/5.30	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	46
$	CHMCV233	3/4	ODP	56J	208-230/460	2.45-2.39/1.20	3.59/1.80	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	44
$					190/380	2.88/1.44	**	50	3	No	2830							
$	CHMCV133T	3/4	TEFC	56J	208-230/460	2.50-2.30/1.15	2.60/1.30	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	46
$					190/380	2.70/1.35	**	50	3	No	2830							
$	CHMCV24T	1	TEFC	56J	115/208-230	12.20/6.75-6.10	17.0/8.5	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	46
$	CHMCV243T	1	TEFC	56J	208-230/460	3.20-2.90/1.45	3.40/1.70	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	44
$					190/380	3.40/1.70	**	50	3	No	2830							
$	CHMCV34	1	ODP	56J	115/208-230	12.40/6.85-6.20	15.70/8.70-7.85	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	47
$	CHMCV343	1	ODP	56J	208-230/460	3.17-3.11/1.55	4.07/2.03	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	45
$					190/380	3.70/1.83	**	50	3	No	2830							
$	CHMCV35T	1½	TEFC	56J	115/208-230	16.60/9.00-8.30	18.94/9.47	60	1	Yes	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	51
$	CHMCV353T	1½	TEFC	56J	208-230/460	4.63-4.20/2.10	4.70/2.35	60	3	No	3450	303 SS	1¼" x 1"	CI	CI	CI	Viton	49
$					190/380	4.90/2.45	**	50	3	No	2830							
$	CHMCV45	1½	ODP	56J	115/208-230	17.00/9.35-8.50	21.00/10.40-10.50	60	1	Yes	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	57
$	CHMCV453	1½	ODP	56J	208-230/460	4.50-4.26/2.13	5.55/2.77	60	3	No	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	54
$					190/380	5.18/2.59	**	50	3	No	2830							
$	CHMCV46T	2	TEFC	56J	115/208-230	19.4/10.7-9.7	22.16/11.08	60	1	Yes	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	64
$	CHMCV463T	2	TEFC	56J	208-230/460	5.92-5.36/2.68	6.00/3.00	60	3	No	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	60
$					190/380	6.30/3.15	**	50	3	No	2830							
$	CHMCV56	2	ODP	56J	115/208-230	23.0/12.6-11.5	24.5/13.5-12.25	60	1	Yes	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	63
$	CHMCV563	2	ODP	56J	208-230/460	5.80-5.20/2.60	6.20/3.10	60	3	No	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	58
$					190/380	6.40/3.20	**	50	3	No	2830							
$	CHMCV67	3	ODP	56J	208-230	15.3-13.5	**	60	1	Yes	3450	303 SS	1½" x 1¼"	CI	CI	CI	VIton	69
$	CHMCV57T	3	TEFC	56J	208-230	13.3-12.2	**	60	1	Yes	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	73
$	CHMCV673	3	ODP	56J	208-230/460	8.42-7.65/3.83	9.00/4.50	60	3	No	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	64
$					190/380	6.32/3.16	**	50	3	No	2830							
$	CHMCV573T	3	TEFC	56J	208-230/460	8.30-7.60/3.80	8.40/4.20	60	3	No	3450	303 SS	1½" x 1¼"	CI	CI	CI	Viton	68
$					190/380	6.20/3.10	**	50	3	No	2830							

BR = Bronze SS = Stainless Steel CI = Cast Iron ODP = Open Drip-Proof TEFC = Totally Enclosed Fan Cooled
(*) Standard Shaft Seals have carbon on ceramic faces and 316 SS components.
(**) At 208 volts or 50 hertz, the Service Factor Amps are the same as the Full Load Amps.

NOTES: Driver data is subject to change without notice, see label on driver for actual specifications.
All motors include a base (the base may be removable, movable or welded). Motors are not supplied with power cords.
Manufacturer reserves the right to change specifications without notification.
Standard motors listed above are not wash-down or explosion-proof (manufacturer does not stock wash-down or explosion-proof motors).
Thermal overload protection is standard on all single-phase motors (overload protector may have automatic or manual reset); three-phase motors are not provided with thermal overload protection.
Manufacturer does not specify regulatory compliance for UL, UR, CSA or CE; however most models do comply to UL, UR, CSA and CE.

Source: Owner's Manual L-4067 (11/07)