

END-SUCTION CENTRIFUGAL STAINLESS STEEL

Series: CD
1 - 3 HP



SUCTION

CD70: 1¼" NPT horizontal
CD120 & CD200: 1½" NPT horizontal

DISCHARGE

1" & 1¼" NPT vertical

LIQUID TEMPERATURE

158 °F (70 °C)

MAX. WORKING PRESSURE

125 psi (8.8 kg/cm²)

BODY

304 series stainless steel

IMPELLER

Design: close type

Material: 304 series stainless steel

SEAL

Design: mechanical type 21, lubricated by water.

Material: ceramic stationary part, carbon ring seal and exclusion in the rotating part. Buna-N elastomer and stainless steel spring.

BRACKET

304 series stainless steel

HARDWARE

304 series stainless steel

O-RING

Buna-N

SHAFT

316 series stainless steel

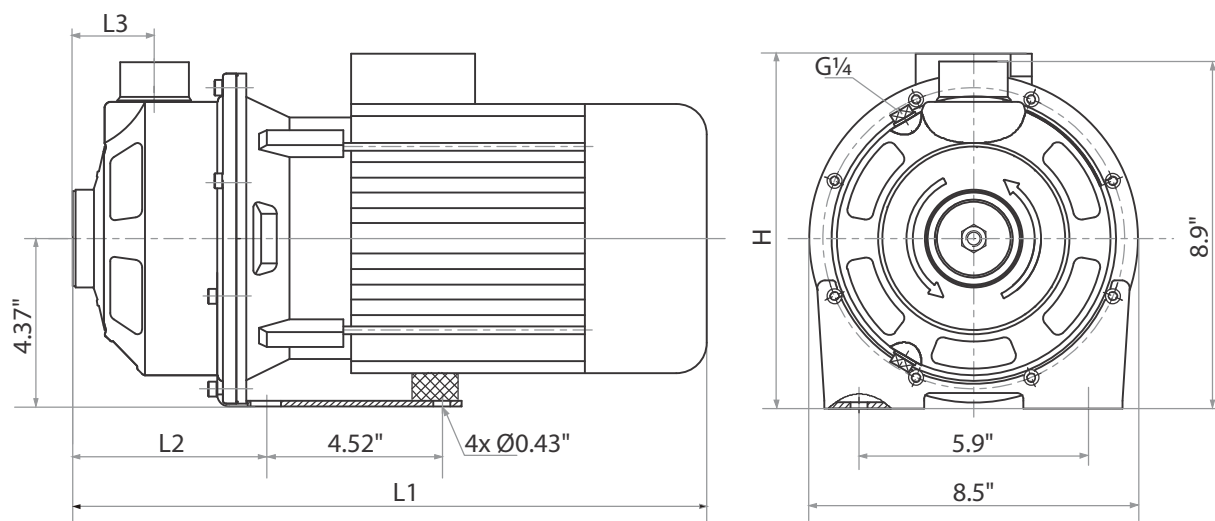
MOTOR

IE2, TEFC, 3450 RPM (2 poles), 60 Hz, three phase
230/460 volts, protection class IP55 and
insulation class F.

Requires overload to be included in control
panel.

OPTIONAL EQUIPMENT

Viton® seal for high temperature

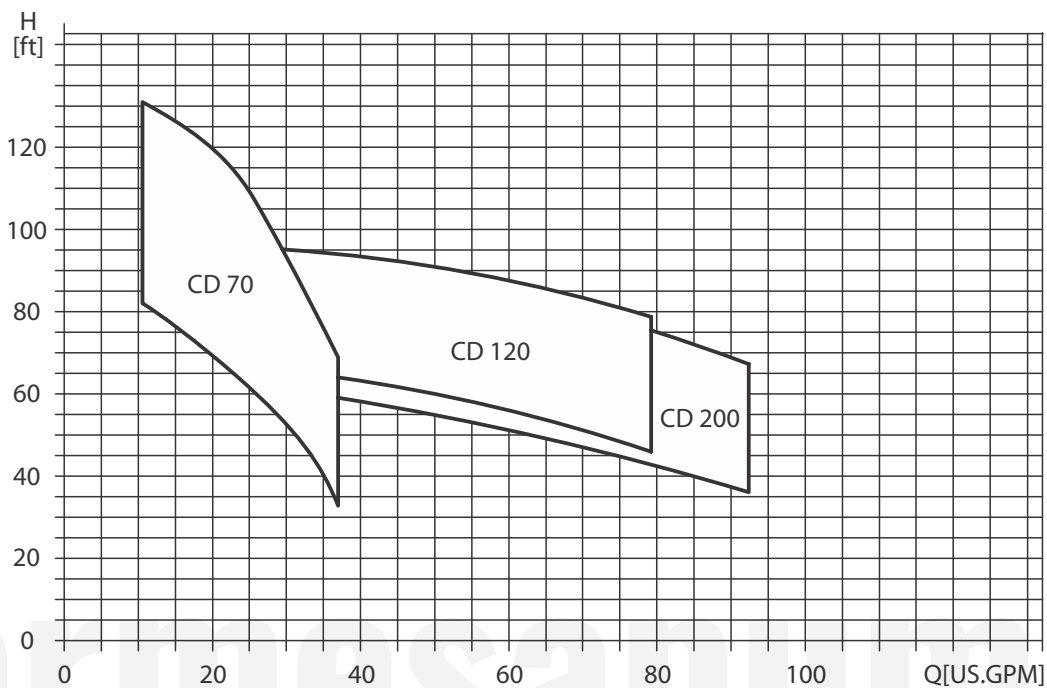


Model	Part No.	HP	PH	V	A	Size	L1	L2	L3	H	Weight (pounds)
							(inches)				
CD70-1-2	70080051	1	3	230/460	2.98/1.49	1¼" x 1"	14	4	2	9	30.8
CD70-1.5-2	70080052	1.5	3	230/460	3.96/1.98	1¼" x 1"	14	4	2	9	30.8
CD70-1.5-2 VS	70080052B	1.5	3	230/460	-	1¼" x 1"	-	-	-	-	30.8
CD70-2-2	70080053	2	3	230/460	5.24/2.62	1¼" x 1"	16	4	2	9	44
CD70-2-2 VS	70080053B	2	3	230/460	-	1¼" x 1"	-	-	-	-	44
CD120-1.5-2	70080061	1.5	3	230/460	3.69/1.98	1½" x 1¼"	15	5	2	9	35.2
CD120-1.5-2 VS	70080091	1.5	3	230/460	-	1½" x 1¼"	-	-	-	-	35.2
CD120-2-2	70080062	2	3	230/460	5.24/2.62	1½" x 1¼"	16	5	2	9	44
CD120-2-2 VS	70080062B	2	3	230/460	-	1½" x 1¼"	-	-	-	-	44
CD120-3-2	70080063	3	3	230/460	7.52/3.76	1½" x 1¼"	16	5	2	9	50.7
CD120-3-2 VS	70080063B	3	3	230/460	-	1½" x 1¼"	-	-	-	-	50.7
CD200-2-2	70080071	2	3	230/460	5.24/2.62	1½" x 1¼"	15	5	2	9	44
CD200-2-2 VS	70080071B	2	3	230/460	-	1½" x 1¼"	-	-	-	-	44
CD200-3-2	70080072	3	3	230/460	7.52/3.76	1½" x 1¼"	16	5	2	9	50.7
CD200-3-2 VS	70080072B	3	3	230/460	-	1½" x 1¼"	-	-	-	-	50.7

IMPORTANT!

1. Never use this pump to handle explosive liquids.

Scope of performance



Model	HP	Q (GPM)	5.3	10.6	15.9	21.1	26.4	31.7	37	42.3	52.8	66	79.3	87.2	92.5
CD70-1-2	1	H (ft)		82	75.5	68.9	55.8	49.2	32.8						
CD70-1.5-2	1.5			108.3	101.7	95.1	82	68.9	49.2						
CD70-2-2	2			131.2	124.7	118.1	105	88.6	72.2						
CD120-1.5-2	1.5						67.3	65.6	64	62.3	59.1	55.8	45.9		
CD120-2-2	2						83.7	82	80.4	78.7	75.5	72.2	65.6		
CD120-3-2	3						95.1	94.5	93.5	91.9	90.2	85.3	78.7		
CD200-1.5-2	1.5							60.7	59.1	57.4	54.1	49.2	42.7	39.4	36.1
CD200-3-2	3							93.5	91.9	90.2	86.9	82	75.5	70.5	67.3

