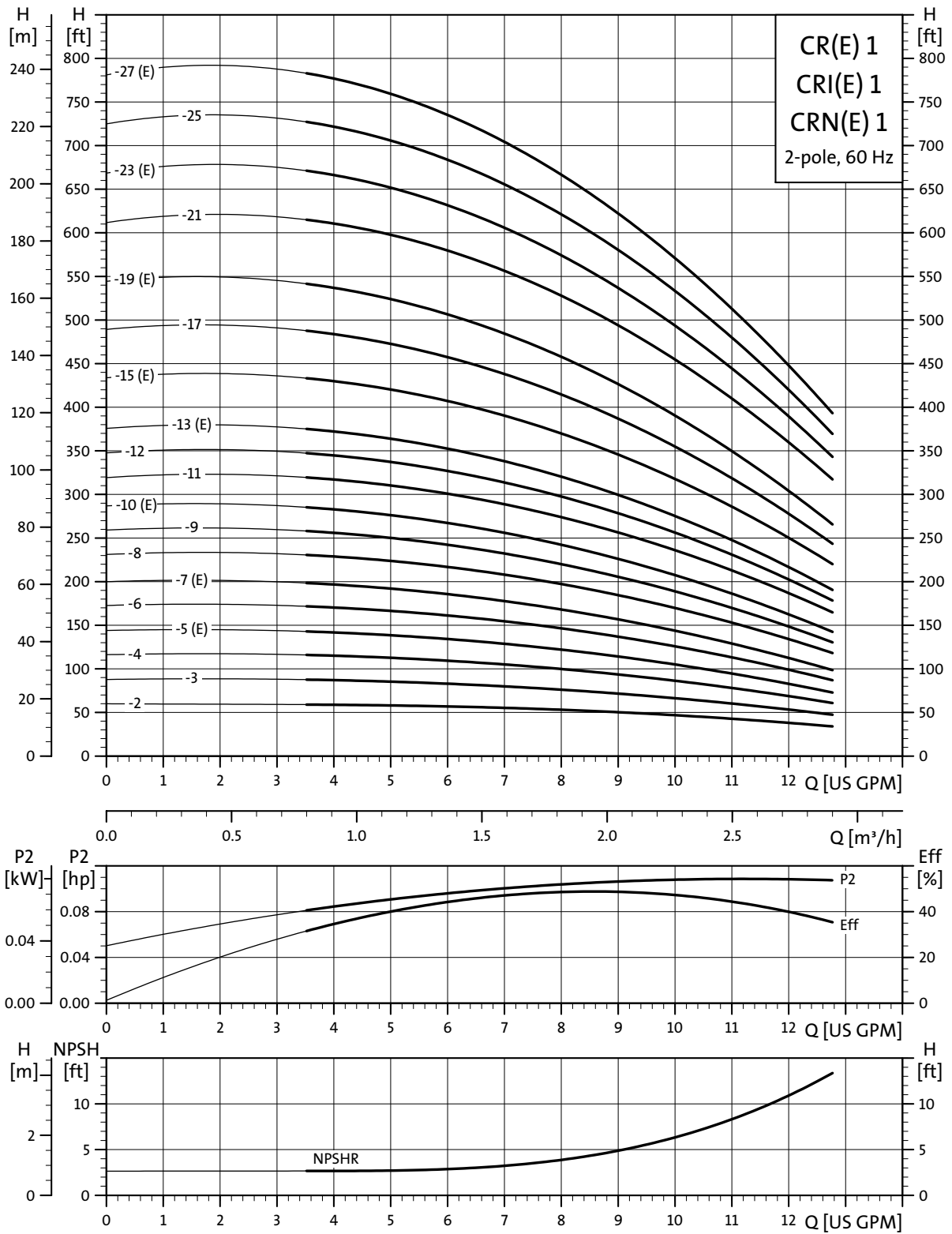


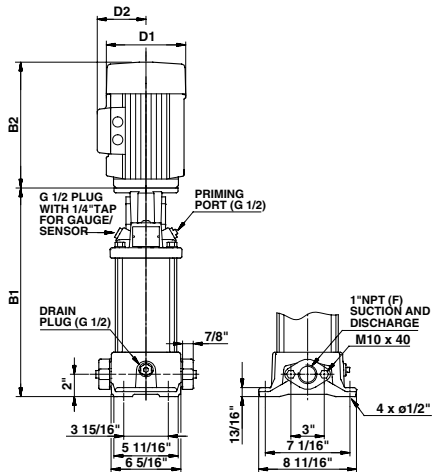
# Performance curves

CR(E) 1, CRI(E) 1, CRN(E) 1

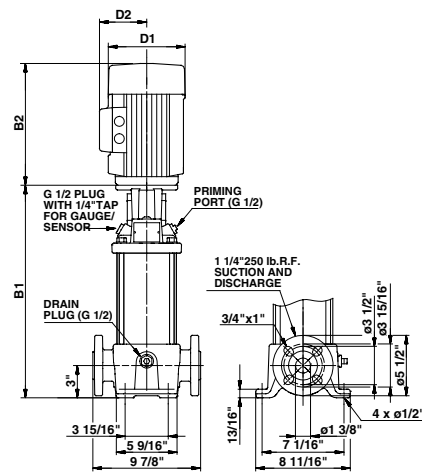


TM02 4083 1303

## Dimensional sketches



TM03 1450 2205



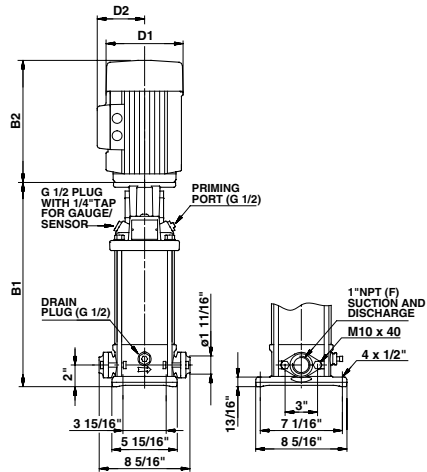
TM03 1451 2205

## Dimensions and weights

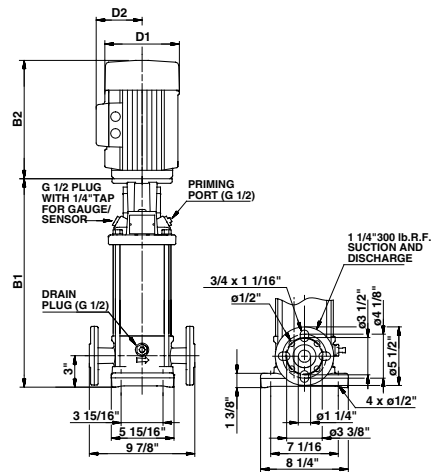
Pump type	Hp	Ph	Voltage	NEMA Frame size	Oval B1	ANSI B1	TEFC				Oval Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]	MLE					
							D1	D2	Oval B1+B2	ANSI B1+B2			D1	D2	Oval B1+B2	ANSI B1+B2	Oval Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]
CR 1-2	1/3	1	115/230	56C	11	12	6 1/4	5	20 3/8	21 3/8	53	62	-	-	-	-	-	-
		3	208-230/460	56C	11	12	5 5/8	4 5/8	18 5/8	19 5/8	53	62	-	-	-	-	-	-
CR 1-3	1/3	1	115/230	56C	11	12	6 1/4	5	20 3/8	21 3/8	53	62	-	-	-	-	-	-
		3	208-230/460	56C	11	12	5 5/8	4 5/8	18 5/8	19 5/8	53	62	-	-	-	-	-	-
CR 1-4	1/2	1	115/208-230	56C	11 3/4	12 3/4	6 1/4	5	21 1/8	22 1/8	54	62	-	-	-	-	-	-
		3	208-230/460	56C	11 3/4	12 3/4	5 5/8	4 5/8	19 3/8	20 3/8	53	61	-	-	-	-	-	-
CR(E) 1-5	1/2	1	115/208-230	56C	12 1/2	13 1/2	6 1/4	5	21 7/8	22 7/8	54	62	5 1/2	5 1/2	20	21	55	64
		3	208-230/460	56C	12 1/2	13 1/2	5 5/8	4 5/8	20 1/8	21 1/8	53	61	-	-	-	-	-	-
CR 1-6	3/4	1	115/208-230	56C	13 1/8	14 1/8	6 1/4	5	23 1/8	24 1/8	56	65	-	-	-	-	-	-
		3	208-230/460	56C	13 1/8	14 1/8	5 5/8	4 5/8	20 3/4	21 3/4	55	64	-	-	-	-	-	-
CR(E) 1-7	3/4	1	115/208-230	56C	13 7/8	14 7/8	6 1/4	5	23 7/8	24 7/8	57	66	5 1/2	5 1/2	21 3/8	22 3/8	58	69
		3	208-230/460	56C	13 7/8	14 7/8	5 5/8	4 5/8	21 1/2	22 1/2	56	65	-	-	-	-	-	-
CR 1-8	1	1	115/230	56C	14 5/8	15 5/8	7 1/4	5 3/4	25 7/8	26 7/8	61	70	-	-	-	-	-	-
		3	208-230/460	56C	14 5/8	15 5/8	5 5/8	4 5/8	23 1/2	24 1/2	60	69	-	-	-	-	-	-
CR 1-9	1	1	115/230	56C	15 1/4	16 1/4	7 1/4	5 3/4	26 1/2	27 1/2	61	70	-	-	-	-	-	-
		3	208-230/460	56C	15 1/4	16 1/4	5 5/8	4 5/8	24 1/8	25 1/8	60	69	-	-	-	-	-	-
CR(E) 1-10	1	1	115/230	56C	16	17	7 1/4	5 3/4	27 1/4	28 1/4	62	71	5 1/2	5 1/2	27 1/8	26 1/8	67	76
		3	208-230/460	56C	16	17	5 5/8	4 5/8	24 7/8	25 7/8	61	70	7	6 5/8	27 1/2	28 1/2	78	88
CR 1-11	1 1/2	1	115/208-230	56C	16 3/4	17 3/4	7 1/4	5 3/4	28 1/2	29 1/2	72	81	-	-	-	-	-	-
		3	208-230/460	56C	16 3/4	17 3/4	5 5/8	4 5/8	25 5/8	26 5/8	64	75	-	-	-	-	-	-
CR 1-12	1 1/2	1	115/208-230	56C	17 3/8	18 3/8	7 1/4	5 3/4	29 1/8	30 1/8	73	82	-	-	-	-	-	-
		3	208-230/460	56C	17 3/8	18 3/8	5 5/8	4 5/8	26 1/4	27 1/4	65	76	-	-	-	-	-	-
CR(E) 1-13	1 1/2	1	115/208-230	56C	18 1/8	19 1/8	7 1/4	5 3/4	29 7/8	30 7/8	74	83	5 1/2	5 1/2	27 1/8	28 1/8	73	82
		3	208-230/460	56C	18 1/8	19 1/8	5 5/8	4 5/8	27	28	66	77	7	6 5/8	29 5/8	30 5/8	86	95
CR(E) 1-15	2	1	115/230	56C	19 1/2	20 1/2	7 1/4	5 3/4	32 1/8	33 1/8	79	88	-	-	-	-	-	-
		3	208-230/460	56C	19 1/2	20 1/2	7 1/8	4 3/8	31	32	82	91	7	6 5/8	30	31	100	109
CR 1-17	2	1	115/230	56C	21	22	7 1/4	5 3/4	33 5/8	34 5/8	81	90	-	-	-	-	-	-
		3	208-230/460	56C	21	22	7 1/8	4 3/8	32 1/2	33 1/2	83	92	-	-	-	-	-	-
CR(E) 1-19	2	1	115/230	56C	-	23 3/8	7 1/4	5 3/4	-	36	-	91	-	-	-	-	-	-
		3	208-230/460	56C	-	23 3/8	7 1/8	4 3/8	-	34 7/8	-	94	7	6 5/8	-	34 7/8	-	112
CR 1-21	3	1	115/208-230	182TC	-	25 7/8	8 5/8	6 7/8	-	40 3/8	-	109	-	-	-	-	-	-
		3	208-230/460	182TC	-	25 7/8	7 1/8	4 3/8	-	37 5/8	-	96	-	-	-	-	-	-
CR(E) 1-23	3	1	115/208-230	182TC	-	27 1/4	8 5/8	6 7/8	-	41 3/4	-	112	-	-	-	-	-	-
		3	208-230/460	182TC	-	27 1/4	7 1/8	4 3/8	-	39	-	99	7	6 5/8	-	40 5/8	-	127
CR 1-25	3	1	115/208-230	182TC	-	28 5/8	8 5/8	6 7/8	-	43 1/8	-	115	-	-	-	-	-	-
		3	208-230/460	182TC	-	28 5/8	7 1/8	4 3/8	-	40 3/8	-	102	-	-	-	-	-	-
CR(E) 1-27	3	1	115/208-230	182TC	-	30 1/8	8 5/8	6 7/8	-	44 5/8	-	116	-	-	-	-	-	-
		3	208-230/460	182TC	-	30 1/8	7 1/8	4 3/8	-	41 7/8	-	103	7	6 5/8	-	43 1/2	-	131

Weights are based on pump with TEFC motor (see price list for individual weights)  
All dimensions in inches unless otherwise noted.

## Dimensional sketches



TM03 1452 2205



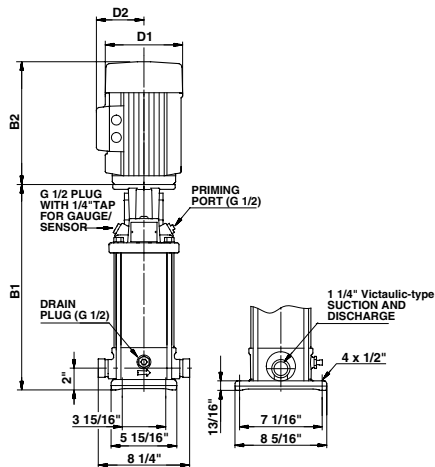
TM03 1452 2205

## Dimensions and weights

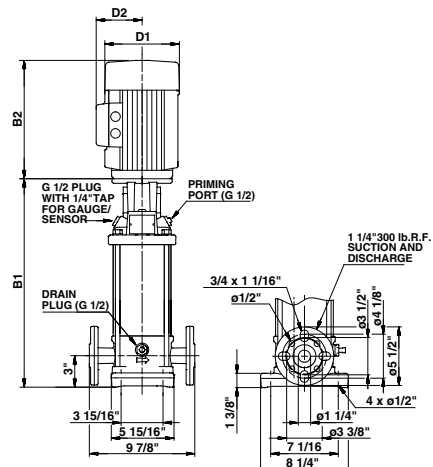
Pump type	Hp	Ph	Voltage	NEMA Frame size	TEFC						Oval Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]	MLE				Oval Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]
					Oval B1	ANSI B1	D1	D2	Oval B1+B2	ANSI B1+B2			D1	D2	Oval B1+B2	ANSI B1+B2		
CRI 1-2	1/3	1	115/230	56C	11 1/8	12 1/8	6 1/4	5	20 1/2	21 1/2	46	55	-	-	-	-	-	
		3	208-230/460	56C	11 1/8	12 1/8	5 5/8	4 5/8	18 3/4	19 3/4	46	55	-	-	-	-	-	
CRI 1-3	1/3	1	115/230	56C	11 1/8	12 1/8	6 1/4	5	20 1/2	21 1/2	46	55	-	-	-	-	-	
		3	208-230/460	56C	11 1/8	12 1/8	5 5/8	4 5/8	18 3/4	19 3/4	46	55	-	-	-	-	-	
CRI 1-4	1/2	1	115/208-230	56C	11 7/8	12 7/8	6 1/4	5	21 1/4	22 1/4	47	56	-	-	-	-	-	
		3	208-230/460	56C	11 7/8	12 7/8	5 5/8	4 5/8	19 1/2	20 1/2	46	55	-	-	-	-	-	
CRI(E) 1-5	1/2	1	115/208-230	56C	12 5/8	13 5/8	6 1/4	5	22	23	48	56	5 1/2	5 1/2	20 1/8	21 1/8	48	57
		3	208-230/460	56C	12 5/8	13 5/8	5 5/8	4 5/8	20 1/4	21 1/4	47	55	-	-	-	-	-	-
CRI 1-6	3/4	1	115/208-230	56C	13 1/4	14 1/4	6 1/4	5	23 1/4	24 1/4	49	57	-	-	-	-	-	
		3	208-230/460	56C	13 1/4	14 1/4	5 5/8	4 5/8	20 7/8	21 7/8	48	56	-	-	-	-	-	-
CRI(E) 1-7	3/4	1	115/208-230	56C	14	15	6 1/4	5	24	25	50	59	5 1/2	5 1/2	21 1/2	22 1/2	52	61
		3	208-230/460	56C	14	15	5 5/8	4 5/8	21 5/8	22 5/8	49	58	-	-	-	-	-	-
CRI 1-8	1	1	115-230	56C	14 3/4	15 3/4	7 1/4	5 3/4	26	27	54	63	-	-	-	-	-	
		3	208-230/460	56C	14 3/4	15 3/4	5 5/8	4 5/8	23 5/8	24 5/8	52	60	-	-	-	-	-	-
CRI 1-9	1	1	115-230	56C	15 3/8	16 3/8	7 1/4	5 3/4	26 5/8	27 5/8	55	63	-	-	-	-	-	
		3	208-230/460	56C	15 3/8	16 3/8	5 5/8	4 5/8	24 1/4	25 1/4	53	61	-	-	-	-	-	-
CRI(E) 1-10	1	1	115-230	56C	16 1/8	17 1/8	7 1/4	5 3/4	27 3/8	28 3/8	56	64	5 1/2	5 1/2	25 1/4	26 1/4	60	69
		3	208-230/460	56C	16 1/8	17 1/8	5 5/8	4 5/8	25	26	54	62	7	6 5/8	27 5/8	28 5/8	71	82
CRI 1-11	1 1/2	1	115/208-230	56C	16 7/8	17 7/8	7 1/4	5 3/4	28 5/8	29 5/8	65	74	-	-	-	-	-	
		3	208-230/460	56C	16 7/8	17 7/8	5 5/8	4 5/8	25 3/4	26 3/4	63	72	-	-	-	-	-	-
CRI 1-12	1 1/2	1	115/208-230	56C	17 1/2	18 1/2	7 1/4	5 3/4	29 1/4	30 1/4	66	75	-	-	-	-	-	
		3	208-230/460	56C	17 1/2	18 1/2	5 5/8	4 5/8	26 3/8	27 3/8	64	73	-	-	-	-	-	-
CRI(E) 1-13	1 1/2	1	115/208-230	56C	18 1/4	19 1/4	7 1/4	5 3/4	30	31	67	76	5 1/2	5 1/2	27 3/8	28 3/8	66	74
		3	208-230/460	56C	18 1/4	19 1/4	5 5/8	4 5/8	27 1/8	28 1/8	65	74	7	6 5/8	29 3/4	30 3/4	79	88
CRI(E) 1-15	2	1	115-230	56C	19 5/8	20 5/8	7 1/4	5 3/4	32 1/4	33 1/4	73	81	-	-	-	-	-	
		3	208-230/460	56C	19 5/8	20 5/8	7 1/8	4 3/8	31 1/8	32 1/8	75	84	7	6 5/8	31 1/8	32 1/8	93	102
CRI 1-17	2	1	115-230	56C	21 1/8	22 1/8	7 1/4	5 3/4	33 3/4	34 3/4	74	82	-	-	-	-	-	
		3	208-230/460	56C	21 1/8	22 1/8	7 1/8	4 3/8	32 5/8	33 5/8	76	85	-	-	-	-	-	-
CRI(E) 1-19	2	1	115-230	56C	-	23 1/2	7 1/4	5 3/4	-	36 1/8	-	84	-	-	-	-	-	
		3	208-230/460	56C	-	23 1/2	7 1/8	4 3/8	-	35	-	86	7	6 5/8	-	35	-	104
CRI 1-21	3	1	115/208-230	182TC	-	26	8 5/8	6 7/8	-	40 1/2	-	102	-	-	-	-	-	
		3	208-230/460	182TC	-	26	7 1/8	4 3/8	-	37 3/4	-	89	-	-	-	-	-	-
CRI(E) 1-23	3	1	115/208-230	182TC	-	27 3/8	8 5/8	6 7/8	-	41 7/8	-	105	-	-	-	-	-	
		3	208-230/460	182TC	-	27 3/8	7 1/8	4 3/8	-	39 1/8	-	92	7	6 5/8	-	40 3/4	-	120
CRI 1-25	3	1	115/208-230	182TC	-	28 3/4	8 5/8	6 7/8	-	43 1/4	-	107	-	-	-	-	-	
		3	208-230/460	182TC	-	28 3/4	7 1/8	4 3/8	-	40 1/2	-	94	-	-	-	-	-	-
CRI 1-27	3	1	115/208-230	182TC	-	30 1/4	8 5/8	6 7/8	-	44 3/4	-	109	-	-	-	-	-	
		3	208-230/460	182TC	-	30 1/4	7 1/8	4 3/8	-	42	-	96	-	-	-	-	-	-

Weights are based on pump with TEFC motor (see price list for individual weights)  
All dimensions in inches unless otherwise noted.

## Dimensional sketches



TM03 1454 2205



TM03 1454 2205

## Dimensions and weights

Pump type	Hp	Ph	Voltage	NEMA Frame size	PJE B1	ANSI B1	TEFC				PJE Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]	MLE					
							D1	D2	PJE B1+B2	ANSI B1+B2			D1	D2	PJE B1+B2	ANSI B1+B2	PJE Ship Wt. <sup>1</sup> [lbs.]	ANSI Ship Wt. <sup>1</sup> [lbs.]
CRN 1-2	1/3	1	115/230	56C	11 1/8	12 1/8	6 1/4	5	20 1/2	21 1/2	47	55	-	-	-	-	-	-
		3	208-230/460	56C	11 1/8	12 1/8	5 5/8	4 5/8	18 3/4	19 3/4	47	55	-	-	-	-	-	-
CRN 1-3	1/3	1	115/230	56C	11 1/8	12 1/8	6 1/4	5	20 1/2	21 1/2	47	55	-	-	-	-	-	-
		3	208-230/460	56C	11 1/8	12 1/8	5 5/8	4 5/8	18 3/4	19 3/4	47	55	-	-	-	-	-	-
CRN 1-4	1/2	1	115/208-230	56C	11 7/8	12 7/8	6 1/4	5	21 1/4	22 1/4	48	54	-	-	-	-	-	-
		3	208-230/460	56C	11 7/8	12 7/8	5 5/8	4 5/8	19 1/2	20 1/2	47	54	-	-	-	-	-	-
CRN(E) 1-5	1/2	1	115/208-230	56C	12 5/8	13 5/8	6 1/4	5	22	23	49	55	5 1/2	5 1/2	20 1/8	21 1/8	48	57
		3	208-230/460	56C	12 5/8	13 5/8	5 5/8	4 5/8	20 1/4	21 1/4	48	55	-	-	-	-	-	-
CRN 1-6	3/4	1	115/208-230	56C	13 1/4	14 1/4	6 1/4	5	23 1/4	24 1/4	52	57	-	-	-	-	-	-
		3	208-230/460	56C	13 1/4	14 1/4	5 5/8	4 5/8	20 7/8	21 7/8	50	56	-	-	-	-	-	-
CRN(E) 1-7	3/4	1	115/208-230	56C	14	15	6 1/4	5	24	25	52	59	5 1/2	5 1/2	23 1/2	24 1/2	52	61
		3	208-230/460	56C	14	15	5 5/8	4 5/8	21 5/8	22 5/8	50	58	-	-	-	-	-	-
CRN 1-8	1	1	115-230	56C	14 3/4	15 3/4	7 1/4	5 3/4	26	27	55	62	-	-	-	-	-	-
		3	208-230/460	56C	14 3/4	15 3/4	5 5/8	4 5/8	23 5/8	24 5/8	51	58	-	-	-	-	-	-
CRN 1-9	1	1	115-230	56C	15 3/8	16 3/8	7 1/4	5 3/4	26 5/8	27 5/8	56	63	-	-	-	-	-	-
		3	208-230/460	56C	15 3/8	16 3/8	5 5/8	4 5/8	24 1/4	25 1/4	52	59	-	-	-	-	-	-
CRN(E) 1-10	1	1	115-230	56C	16 1/8	17 1/8	7 1/4	5 3/4	27 3/8	28 3/8	57	64	5 1/2	5 1/2	25 1/4	26 1/4	60	69
		3	208-230/460	56C	16 1/8	17 1/8	5 5/8	4 5/8	25	26	53	60	7	6 5/8	27 5/8	28 5/8	71	82
CRN 1-11	1 1/2	1	115/208-230	56C	16 7/8	17 7/8	7 1/4	5 3/4	28 5/8	29 5/8	66	74	-	-	-	-	-	-
		3	208-230/460	56C	16 7/8	17 7/8	5 5/8	4 5/8	25 3/4	26 3/4	60	68	-	-	-	-	-	-
CRN 1-12	1 1/2	1	115/208-230	56C	17 1/2	18 1/2	7 1/4	5 3/4	29 1/4	30 1/4	67	75	-	-	-	-	-	-
		3	208-230/460	56C	17 1/2	18 1/2	5 5/8	4 5/8	26 3/8	27 3/8	61	69	-	-	-	-	-	-
CRN(E) 1-13	1 1/2	1	115/208-230	56C	18 1/4	19 1/4	7 1/4	5 3/4	30	31	67	75	5 1/2	5 1/2	27 3/8	28 3/8	66	74
		3	208-230/460	56C	18 1/4	19 1/4	5 5/8	4 5/8	27 1/8	28 1/8	61	69	7	6 5/8	29 3/4	30 3/4	79	88
CRN(E) 1-15	2	1	115-230	56C	19 5/8	20 5/8	7 1/4	5 3/4	32 1/4	33 1/4	73	81	-	-	-	-	-	-
		3	208-230/460	56C	19 5/8	20 5/8	7 1/8	4 3/8	31 1/8	32 1/8	76	84	7	6 5/8	31 1/8	32 1/8	93	102
CRN 1-17	2	1	115-230	56C	21 1/8	22 1/8	7 1/4	5 3/4	33 3/4	34 3/4	74	82	-	-	-	-	-	-
		3	208-230/460	56C	21 1/8	22 1/8	7 1/8	4 3/8	32 5/8	33 5/8	77	85	-	-	-	-	-	-
CRN(E) 1-19	2	1	115-230	56C	22 1/2	23 1/2	7 1/4	5 3/4	35 1/8	36 1/8	76	84	-	-	-	-	-	-
		3	208-230/460	56C	22 1/2	23 1/2	7 1/8	4 3/8	34	35	78	86	7	6 5/8	34	35	-	104
CRN 1-21	3	1	115/208-230	182TC	25	26	8 5/8	6 7/8	39 1/2	40 1/2	94	102	-	-	-	-	-	-
		3	208-230/460	182TC	25	26	7 1/8	4 3/8	36 3/4	37 3/4	81	89	-	-	-	-	-	-
CRN(E) 1-23	3	1	115/208-230	182TC	26 3/8	27 3/8	8 5/8	6 7/8	40 7/8	41 7/8	96	105	-	-	-	-	-	-
		3	208-230/460	182TC	26 3/8	27 3/8	7 1/8	4 3/8	38 1/8	39 1/8	83	92	7	6 5/8	39 3/4	40 3/4	-	120
CRN 1-25	3	1	115/208-230	182TC	27 7/8	28 3/4	8 5/8	6 7/8	42 3/8	43 1/4	99	107	-	-	-	-	-	-
		3	208-230/460	182TC	27 7/8	28 3/4	7 1/8	4 3/8	39 5/8	40 1/2	86	94	-	-	-	-	-	-
CRN(E) 1-27	3	1	115/208-230	182TC	29 1/4	30 1/4	8 5/8	6 7/8	43 3/4	44 3/4	101	109	-	-	-	-	-	-
		3	208-230/460	182TC	29 1/4	30 1/4	7 1/8	4 3/8	41	42	88	96	7	6 5/8	42 5/8	43 5/8	-	124

Weights are based on pump with TEFC motor (see price list for individual weights)  
All dimensions in inches unless otherwise noted.