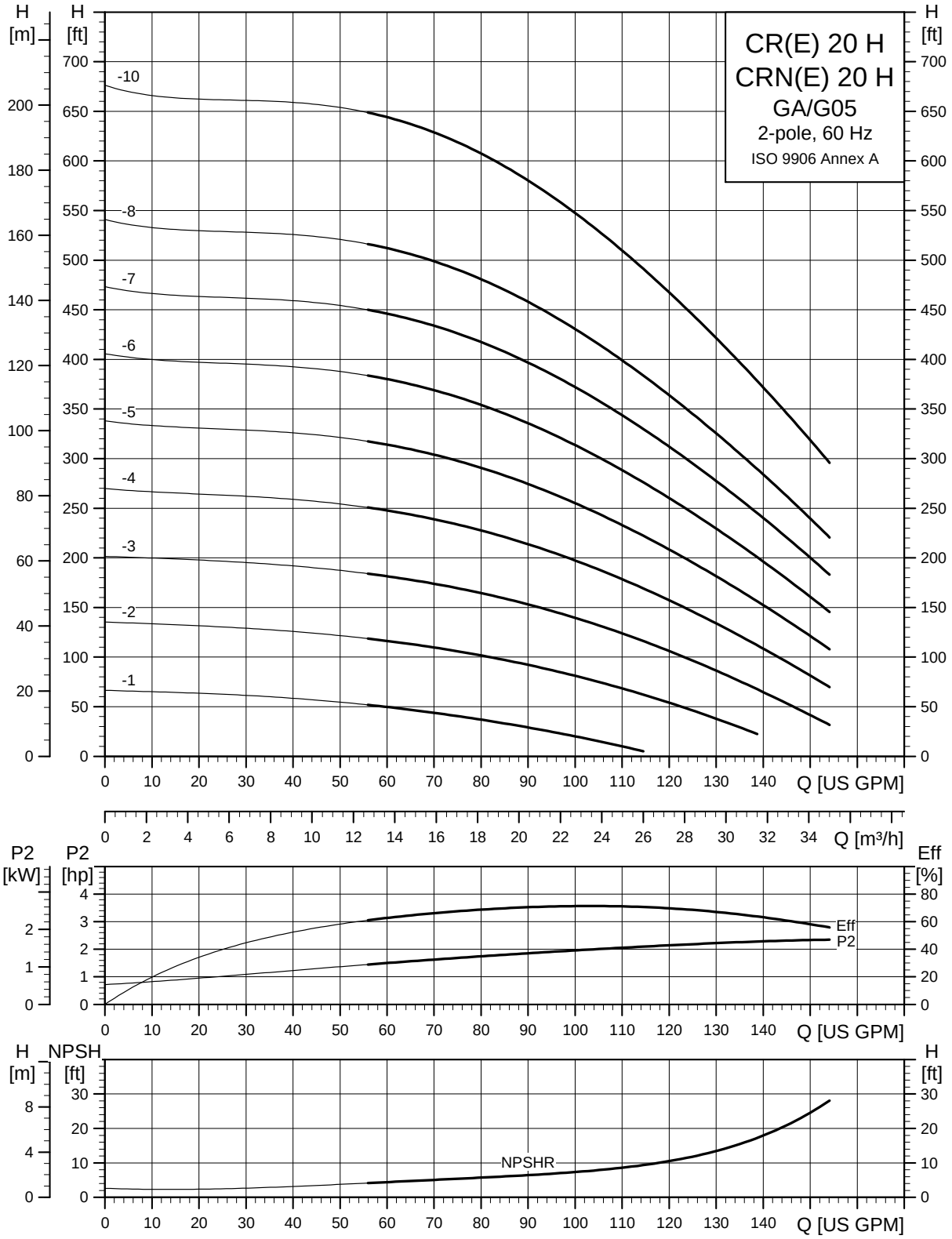
CR-H, CRN-H, CRE-H, CRNE-H

Horizontal end-suction multistage centrifugal pumps
North America, 60 Hz

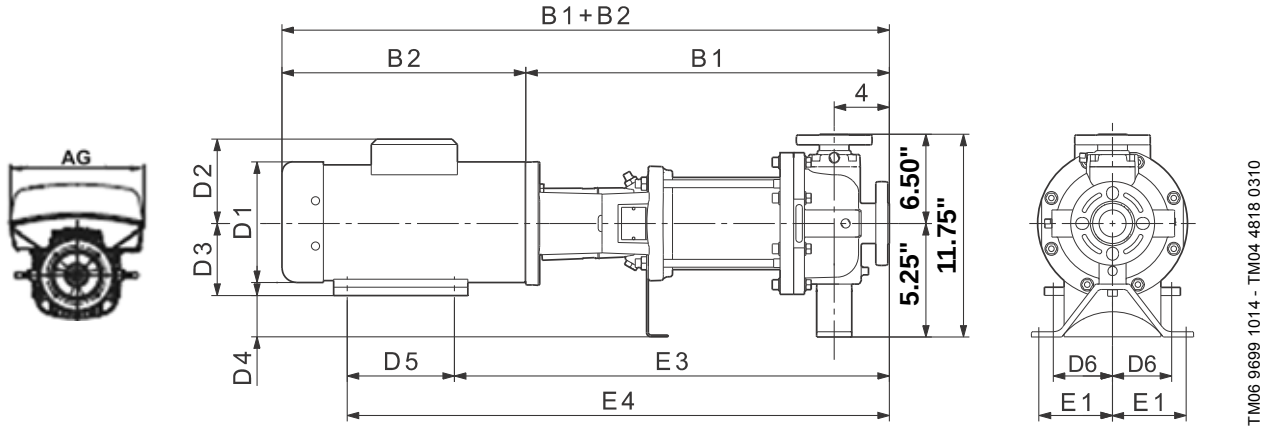
be
think
innovate

GRUNDFOS

CR, CRE, CRN, CRNE 20 H GA/G05



Dimensions and weights GA (1.5" x 1" x 6", 1.5" x 1" x 8")

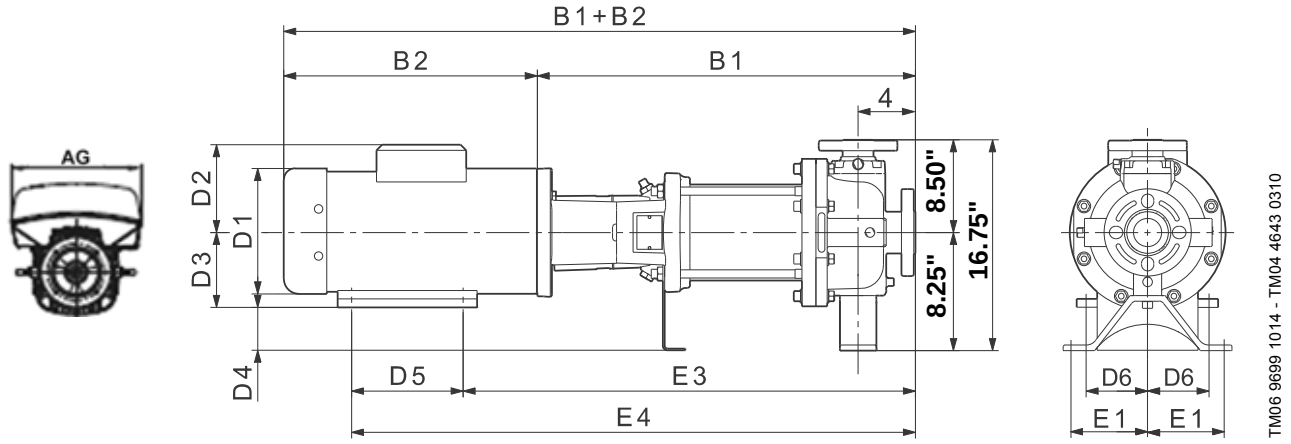


Pump type	HP	PH	Dimensions [in] TEFC											Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+B2	E1	E3	E4	D1	D2	D3	D4	D5	D6		D1	D2	B1+B2	D1	D2	AG	B1+B2	
CR(N)(E) 20-1 H	3	1	20.50	35.13	3.00	24.13	28.63	8.63	6.75	4.50	0.75	4.50	3.75	181	-	-	-	-	-		-	-
		3	20.50	33.75	3.00	24.13	28.63	7.00	4.38	4.50	0.75	4.50	3.75	155	-	-	-	4.80	6.22	10.56	31.33	175
CR(N)(E) 20-2 H	5	1	20.50	36.00	3.00	24.25	28.75	10.63	8.00	5.25	0.00	4.50	3.75	206	-	-	-	-	-		-	-
		3	20.50	36.00	3.00	24.25	28.75	8.63	5.25	4.50	0.75	4.50	3.75	175	-	-	-	7.53	7.91	11.46	33.65	199
CR(N)(E) 20-3 H	7 1/2	1	22.75	38.25	3.00	27.25	32.75	10.25	7.63	5.25	0.00	5.50	4.25	227	-	-	-	-	-		-	-
		3	22.75	38.25	3.00	27.25	32.75	8.63	5.25	5.25	0.00	5.50	4.25	199	-	-	-	7.53	7.91	11.46	37.12	236
CR(N)(E) 20-4 H	10	1	24.50	40.63	3.00	29.00	36.00	10.25	10.25	5.25	0.00	7.00	4.25	355	-	-	-	-	-		-	-
		3	24.50	39.75	3.00	29.00	36.00	10.25	6.25	5.25	0.00	7.00	4.25	232	-	-	-	10.04	9.33	13.62	39.81	242
CR(N) 20-5 H	15	3	27.00	45.50	3.00	32.00	40.25	12.38	8.00	6.25	-1.00	8.25	5.00	371	10.63	8.00	45.13	10.04	9.33	13.62	42.98	310
CR(N) 20-6 H	15	3	28.75	47.25	3.00	33.75	42.00	12.38	8.00	6.25	-1.00	8.25	5.00	375	10.63	8.00	47.00	10.04	9.33	13.62	44.73	315
CR(N) 20-7 H	20	3	30.50	49.13	3.00	35.50	45.50	12.38	8.00	6.25	-1.00	10.00	5.00	393	11.50	9.00	48.50	13.39	12.13	16.54	49.28	584
CR(N) 20-8 H	20	3	32.25	50.88	3.00	37.25	47.25	12.38	8.00	6.25	-1.00	10.00	5.00	402	11.50	9.00	50.25	13.39	12.13	16.54	51.03	588
CR(N) 20-10 H	25	3	35.00	57.38	3.00	40.00	49.50	12.38	8.00	7.00	-1.75	9.50	5.50	490	11.50	11.38	54.13	13.39	12.13	16.54	57.72	626

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension.
Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

Dimensions and weights G05 (2" x 1" x 10")

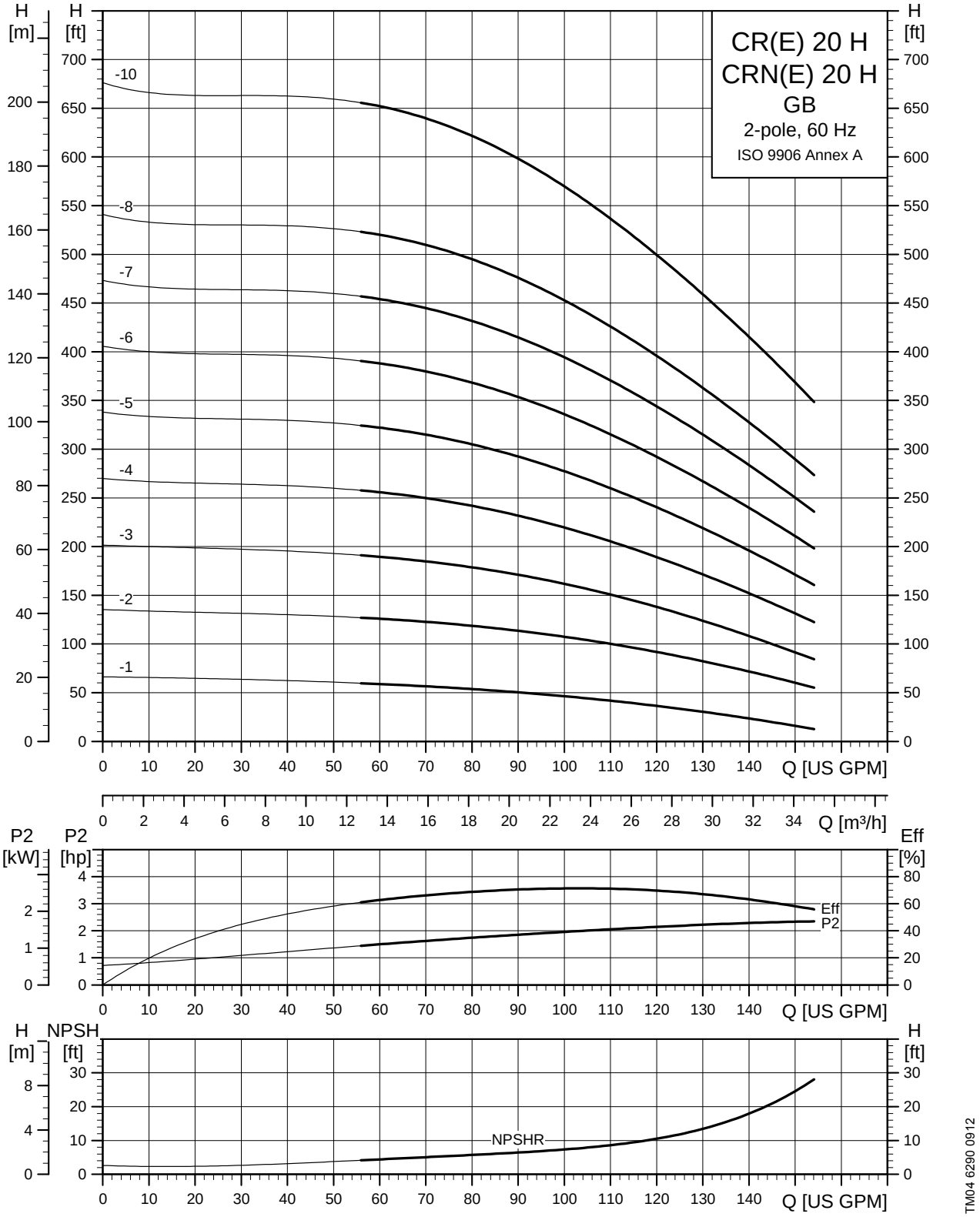


Pump type	HP	PH	Dimensions [in] TEFC											Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+B2	E1	E3	E4	D1	D2	D3	D4	D5	D6		D1	D2	B1+B2	D1	D2	AG	B1+B2	
CR(N)(E) 20-1 H	3	1	20.50	35.13	4.88	24.13	28.63	8.63	6.75	4.50	3.75	4.50	3.75	181	-	-	-	-	-		-	-
		3	20.50	33.75	4.88	24.13	28.63	7.00	4.38	4.50	3.75	4.50	3.75	155	-	-	-	4.80	6.22	10.56	31.33	336
CR(N)(E) 20-2 H	5	1	20.50	36.00	4.88	24.25	28.75	10.63	8.00	5.25	3.00	4.50	3.75	206	-	-	-	-	-		-	-
		3	20.50	36.00	4.88	24.25	28.75	8.63	5.25	4.50	3.75	4.50	3.75	175	-	-	-	7.53	7.91	11.46	33.65	359
CR(N)(E) 20-3 H	7 1/2	1	22.75	38.25	4.88	27.25	32.75	10.25	7.63	5.25	3.00	5.50	4.25	227	-	-	-	-	-		-	-
		3	22.75	38.25	4.88	27.25	32.75	8.63	5.25	5.25	3.00	5.50	4.25	199	-	-	-	7.53	7.91	11.46	37.12	392
CR(N)(E) 20-4 H	10	1	24.50	40.63	4.88	29.00	36.00	10.25	10.25	5.25	3.00	7.00	4.25	355	-	-	-	-	-		-	-
		3	24.50	39.75	4.88	29.00	36.00	10.25	6.25	5.25	3.00	7.00	4.25	232	-	-	-	10.04	9.33	13.62	39.81	398
CR(N) 20-5 H	15	3	27.00	45.50	4.88	32.00	40.25	12.38	8.00	6.25	2.00	8.25	5.00	371	10.63	8.00	45.13	10.04	9.33	13.62	42.98	467
CR(N) 20-6 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	6.25	2.00	8.25	5.00	375	10.63	8.00	47.00	10.04	9.33	13.62	44.73	471
CR(N) 20-7 H	20	3	30.50	49.13	4.88	35.50	45.50	12.38	8.00	6.25	2.00	10.00	5.00	393	11.50	9.00	48.50	13.39	12.13	16.54	49.28	584
CR(N) 20-8 H	20	3	32.25	50.88	4.88	37.25	47.25	12.38	8.00	6.25	2.00	10.00	5.00	402	11.50	9.00	50.25	13.39	12.13	16.54	51.03	588
CR(N) 20-10 H	25	3	35.00	57.38	4.88	40.00	49.50	12.38	8.00	7.00	1.25	9.50	5.50	490	11.50	11.38	54.13	13.39	12.13	16.54	57.72	626

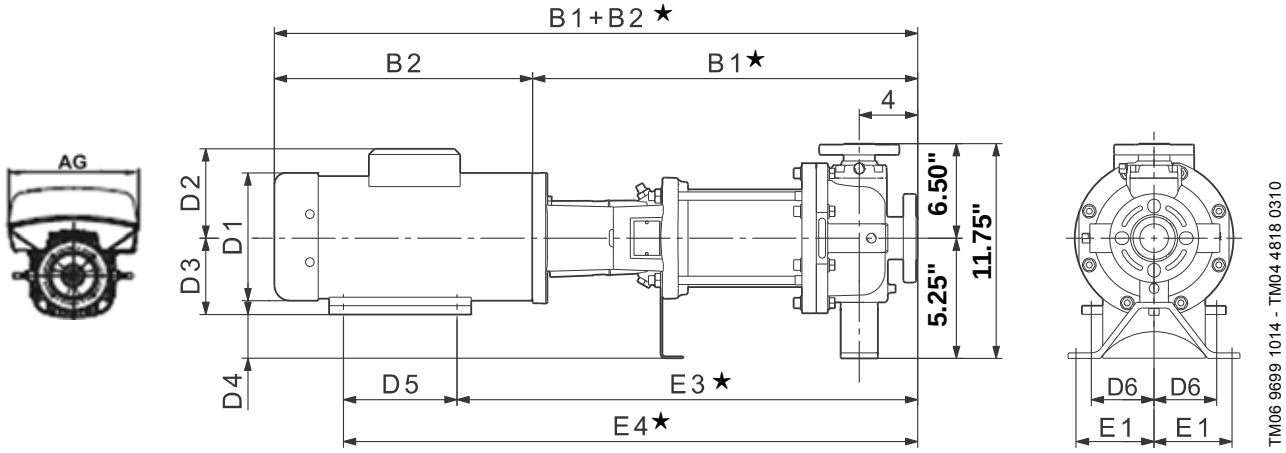
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 Hp and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 20 H GB



Dimensions and weights GB (3" x 1.5" x 6", 3" x 1.5" x 8")

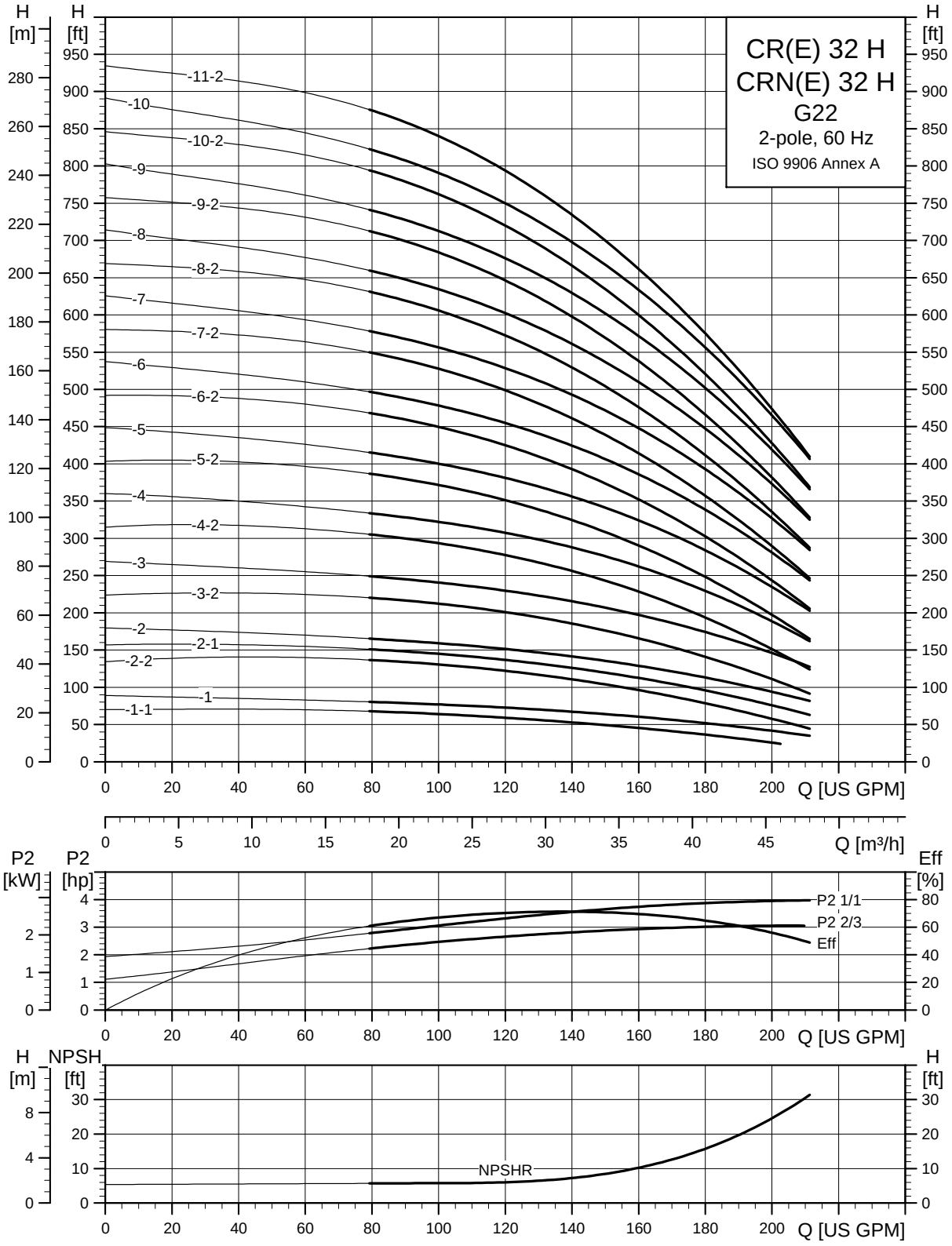


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+B2 ★	E1	E ★	E4 ★	D1	D2	D3	D4	D5	D6			D1	D2	B1+B2 ★	D1	D2	AG	B1+B2 ★	
CR(N)(E) 20-1 H	3	1	21.50	36.13	3.00	25.13	29.63	8.63	6.75	4.50	0.75	4.50	3.75	143	-	-	-	-	-		-	-
		3	21.50	34.75	3.00	25.13	29.63	7.00	4.38	4.50	0.75	4.50	3.75	115	-	-	-	4.80	6.22	10.56	32.33	180
CR(N)(E) 20-2 H	5	1	21.50	37.00	3.00	25.25	29.75	10.63	8.00	5.25	0.00	4.50	3.75	258	-	-	-	-	-		-	-
		3	21.50	37.00	3.00	25.25	29.75	8.63	5.25	4.50	0.75	4.50	3.75	251	-	-	-	7.53	7.91	11.46	34.65	203
CR(N)(E) 20-3 H	7 1/2	1	23.75	39.38	3.00	28.25	33.75	10.25	7.63	5.25	0.00	5.50	4.25	271	-	-	-	-	-		-	-
		3	23.75	39.25	3.00	28.25	33.75	8.63	5.25	5.25	0.00	5.50	4.25	260	-	-	-	7.53	7.91	11.46	38.12	242
CR(N)(E) 20-4 H	10	1	25.63	41.63	3.00	30.13	37.13	10.25	10.25	5.25	0.00	7.00	4.25	317	-	-	-	-	-		-	-
		3	25.63	40.75	3.00	30.13	37.13	10.25	6.25	5.25	0.00	7.00	4.25	262	-	-	-	10.04	9.33	13.62	40.94	247
CR(N) 20-5 H	15	3	28.00	46.50	3.00	33.00	41.25	12.38	8.00	6.25	-1.00	8.25	5.00	333	10.63	8.00	46.25	10.04	9.33	13.62	43.98	317
CR(N) 20-6 H	15	3	29.75	48.38	3.00	34.75	43.00	12.38	8.00	6.25	-1.00	8.25	5.00	355	10.63	8.00	48.00	10.04	9.33	13.62	45.73	321
CR(N) 20-7 H	20	3	31.50	50.13	3.00	36.50	46.50	12.38	8.00	6.25	-1.00	10.00	5.00	370	11.50	9.00	49.50	13.39	12.13	16.54	50.28	584
CR(N) 20-8 H	20	3	33.38	51.88	3.00	38.38	48.38	12.38	8.00	6.25	-1.00	10.00	5.00	374	11.50	9.00	51.25	13.39	12.13	16.54	52.16	588
CR(N) 20-10 H	25	3	36.00	58.38	3.00	41.00	50.50	12.38	8.00	7.00	-1.75	9.50	5.50	465	11.50	11.38	55.13	13.39	12.13	16.54	58.72	626

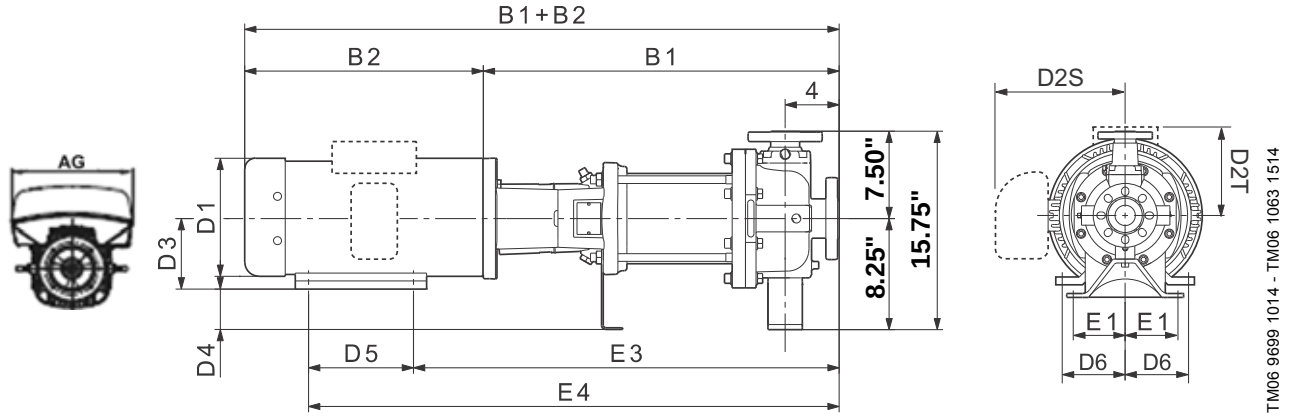
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 32 H G22



Dimensions and weights G22 (2" x 2")

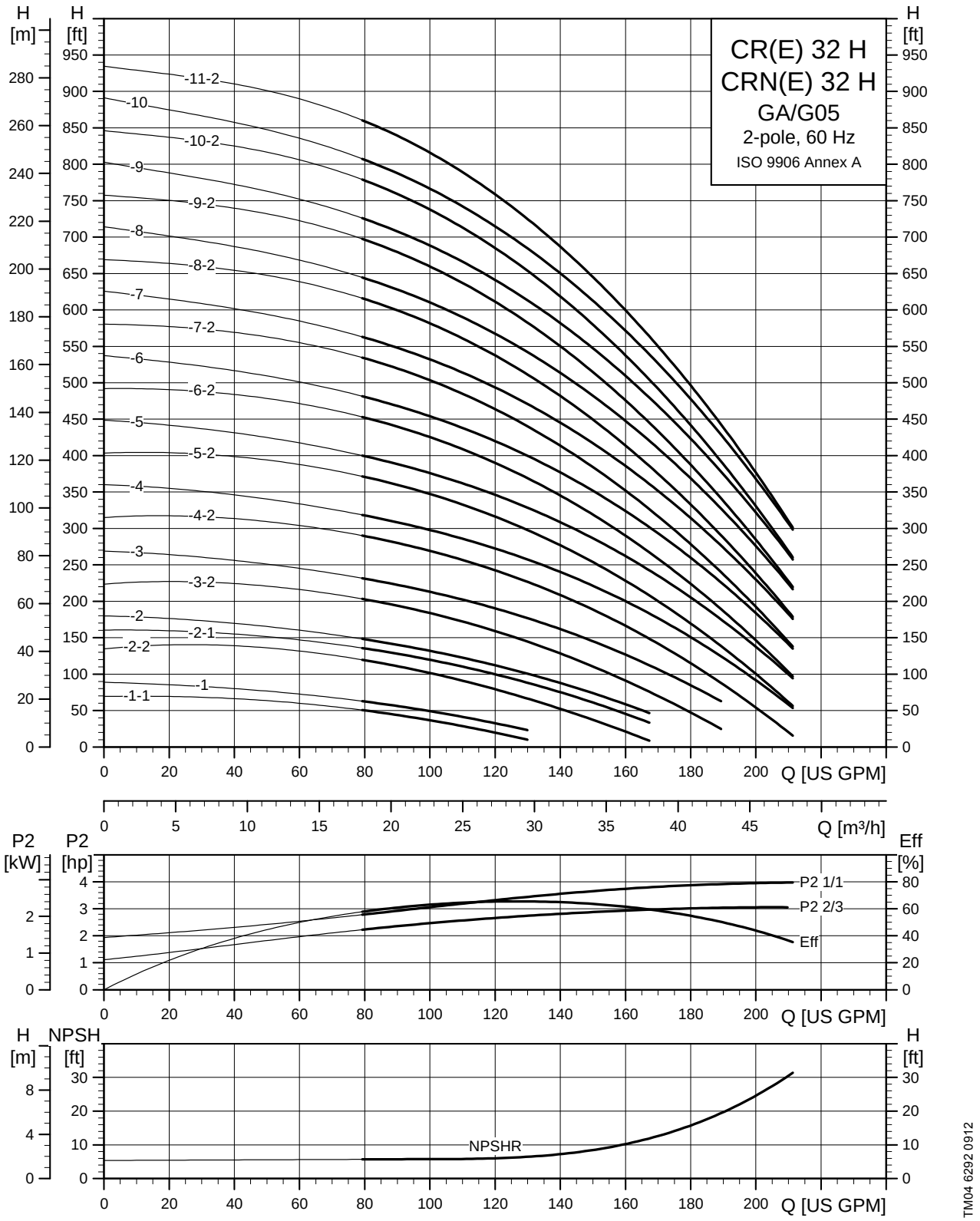


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1 +B2	D1	D2	AG	B1 +B2	
CR(N) 32-1-1 H	5	1	25.00	40.50	4.88	28.75	33.25	10.63	8.00	-	5.25	3.00	4.50	3.75	353	-	-	-	-	-	-	-	-
		3	25.00	40.50	4.88	28.75	33.25	8.63	5.25	-	4.50	3.75	4.50	3.75	335	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	25.00	40.50	4.88	28.75	33.25	10.63	8.00	-	5.25	3.00	4.50	3.75	353	-	-	-	-	-	-	-	-
		3	25.00	40.50	4.88	28.75	33.25	8.63	5.25	-	4.50	3.75	4.50	3.75	335	-	-	-	7.53	7.91	11.46	38.15	309
CR(N) 32-2-2 H	7 1/2	1	28.25	43.75	4.88	32.75	38.25	10.25	7.63	-	5.25	3.00	5.50	4.25	371	-	-	-	-	-	-	-	-
		3	28.25	43.75	4.88	32.75	38.25	8.63	5.25	-	5.25	3.00	5.50	4.25	351	-	-	-	7.53	7.91	11.46	42.62	341
CR(N)(E) 32-2-1 H	7 1/2	1	28.25	43.75	4.88	32.75	38.25	10.25	7.63	-	5.25	3.00	5.50	4.25	371	-	-	-	-	-	-	-	-
		3	28.25	43.75	4.88	32.75	38.25	8.63	5.25	-	5.25	3.00	5.50	4.25	351	-	-	-	7.53	7.91	11.46	42.62	341
CR(N) 32-2 H	10	1	28.25	44.25	4.88	32.75	39.75	10.25	10.25	-	5.25	3.00	7.00	4.25	426	-	-	-	-	-	-	-	-
		3	28.25	43.38	4.88	32.75	39.75	10.25	6.25	-	5.25	3.00	7.00	4.25	374	-	-	-	10.04	9.33	13.62	43.56	343
CR(N)(E) 32-3-2 H	10	1	31.00	47.00	4.88	35.50	42.50	10.25	10.25	-	5.25	3.00	7.00	4.25	453	-	-	-	-	-	-	-	-
		3	31.00	46.13	4.88	35.50	42.50	10.25	6.25	-	5.25	3.00	7.00	4.25	400	-	-	-	10.04	9.33	13.62	46.31	370
CR(N) 32-3 H	15	3	30.50	49.00	4.88	35.50	43.75	12.38	8.00	-	6.25	2.00	8.25	5.00	479	10.63	8.00	48.63	10.04	9.33	13.62	46.48	434
CR(N)(E) 32-4-2 H	15	3	33.25	51.75	4.88	38.25	46.50	12.38	8.00	-	6.25	2.00	8.25	5.00	485	10.63	8.00	51.38	10.04	9.33	13.62	49.23	440
CR(N) 32-4 H	20	3	33.25	51.75	4.88	38.25	48.25	12.38	8.00	-	6.25	2.00	10.00	5.00	480	11.50	9.00	51.13	13.39	12.13	16.54	52.03	590
CR(N)(E) 32-5-2 H	20	3	36.00	54.50	4.88	41.00	51.00	12.38	8.00	-	6.25	2.00	10.00	5.00	487	11.50	9.00	53.88	13.39	12.13	16.54	54.78	597
CR(N)(E) 32-5 H	20	3	36.00	54.50	4.88	41.00	51.00	12.38	8.00	-	6.25	2.00	10.00	5.00	487	11.50	9.00	53.88	13.39	12.13	16.54	54.78	597
CR(N) 32-6-2 H	25	3	38.75	61.13	4.88	43.75	53.25	12.38	8.00	-	7.00	1.25	9.50	5.50	590	11.50	11.38	57.75	13.39	12.13	16.54	61.47	703
CR(N)(E) 32-6 H	25	3	38.75	61.13	4.88	43.75	53.25	12.38	8.00	-	7.00	1.25	9.50	5.50	590	11.50	11.38	57.75	13.39	12.13	16.54	61.47	703
CR(N) 32-7-2 H	30	3	41.50	63.88	4.88	46.50	57.50	12.38	8.00	-	7.00	1.25	11.00	5.50	623	11.50	11.38	62.00	13.39	12.13	16.54	64.22	738
CR(N)(E) 32-7 H	30	3	41.50	63.88	4.88	46.50	57.50	12.38	8.00	-	7.00	1.25	11.00	5.50	623	11.50	11.38	62.00	13.39	12.13	16.54	64.22	738
CR(N)(E) 32-8-2 H	30	3	44.25	66.63	4.88	49.25	60.25	12.38	8.00	-	7.00	1.25	11.00	5.50	636	11.50	11.38	64.75	13.39	12.13	16.54	66.97	751
CR(N) 32-8 H	40	3	44.25	67.38	4.88	49.25	60.25	15.00	-	13.13	7.00	1.25	11.00	5.50	887	13.25	12.25	65.38	-	-	-	-	-
CR(N) 32-9-2 H	40	3	47.00	70.25	4.88	52.00	63.00	15.00	-	13.13	7.00	1.25	11.00	5.50	896	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-9 H	40	3	47.00	70.25	4.88	52.00	63.00	15.00	-	13.13	7.00	1.25	11.00	5.50	896	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	49.75	73.00	4.88	54.75	65.75	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-10 H	40	3	49.75	73.00	4.88	54.75	65.75	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	52.50	77.88	4.88	58.00	70.00	16.88	-	14.50	8.00	0.25	12.00	6.25	974	13.25	12.25	74.75	-	-	-	-	-

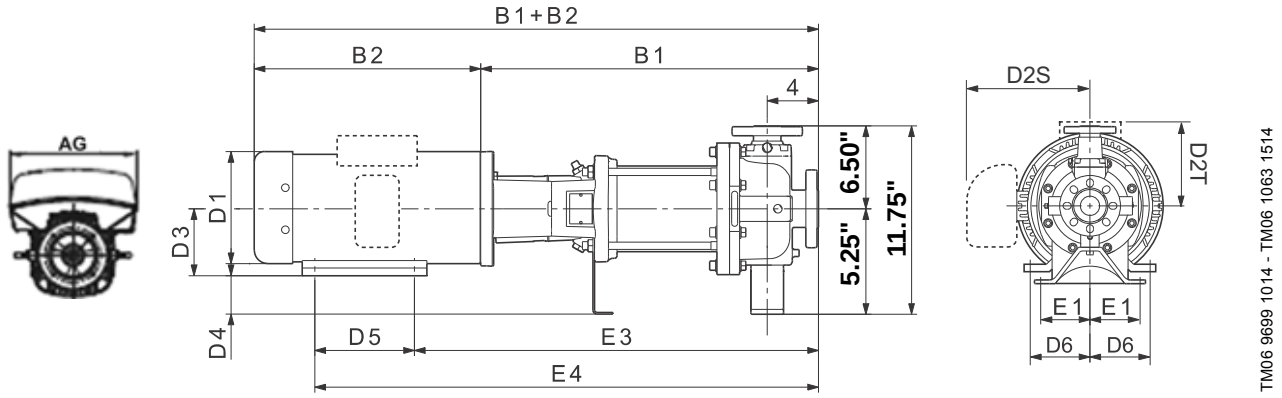
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 32 H GA/G05



Dimensions and weights GA (1.5" x 1" x 6", 1.5" x 1" x 8")

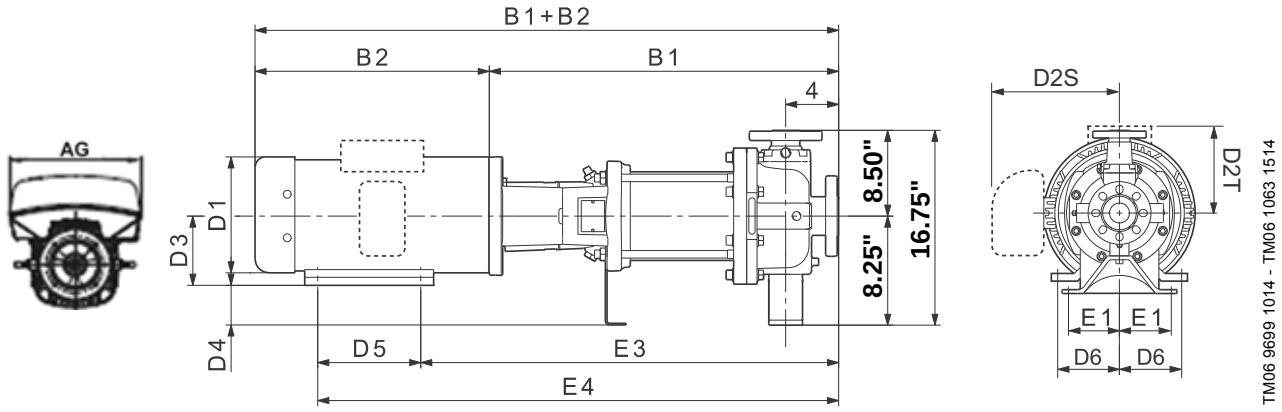


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	25.00	40.50	3.00	28.75	33.25	10.63	8.00	-	5.25	0.00	4.50	3.75	344	-	-	-	-	-	-	-	-
		3	25.00	40.50	3.00	28.75	33.25	8.63	5.25	-	4.50	0.75	4.50	3.75	327	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	25.00	40.50	3.00	28.75	33.25	10.63	8.00	-	5.25	0.00	4.50	3.75	344	-	-	-	-	-	-	-	-
		3	25.00	40.50	3.00	28.75	33.25	8.63	5.25	-	4.50	0.75	4.50	3.75	327	-	-	-	7.53	7.91	11.46	38.15	300
CR(N) 32-2-2 H	7 1/2	1	28.25	43.75	3.00	32.75	38.25	10.25	7.63	-	5.25	0.00	5.50	4.25	362	-	-	-	-	-	-	-	-
		3	28.25	43.75	3.00	32.75	38.25	8.63	5.25	-	5.25	0.00	5.50	4.25	342	-	-	-	7.53	7.91	11.46	42.62	332
CR(N)(E) 32-2-1 H	7 1/2	1	28.25	43.75	3.00	32.75	38.25	10.25	7.63	-	5.25	0.00	5.50	4.25	362	-	-	-	-	-	-	-	-
		3	28.25	43.75	3.00	32.75	38.25	8.63	5.25	-	5.25	0.00	5.50	4.25	342	-	-	-	7.53	7.91	11.46	42.62	332
CR(N) 32-2 H	10	1	28.25	44.25	3.00	32.75	39.75	10.25	10.25	-	5.25	0.00	7.00	4.25	417	-	-	-	-	-	-	-	-
		3	28.25	43.38	3.00	32.75	39.75	10.25	6.25	-	5.25	0.00	7.00	4.25	365	-	-	-	10.04	9.33	13.62	43.56	335
CR(N)(E) 32-3-2 H	10	1	31.00	47.00	3.00	35.50	42.50	10.25	10.25	-	5.25	0.00	7.00	4.25	442	-	-	-	-	-	-	-	-
		3	31.00	46.13	3.00	35.50	42.50	10.25	6.25	-	5.25	0.00	7.00	4.25	389	-	-	-	10.04	9.33	13.62	46.31	359
CR(N) 32-3 H	15	3	30.50	49.00	3.00	35.50	43.75	12.38	8.00	-	6.25	-1.00	8.25	5.00	468	10.63	8.00	48.63	10.04	9.33	13.62	46.48	423
CR(N)(E) 32-4-2 H	15	3	33.25	51.75	3.00	38.25	46.50	12.38	8.00	-	6.25	-1.00	8.25	5.00	474	10.63	8.00	51.38	10.04	9.33	13.62	49.23	429
CR(N) 32-4 H	20	3	33.25	51.75	3.00	38.25	48.25	12.38	8.00	-	6.25	-1.00	10.00	5.00	469	11.50	9.00	51.13	13.39	12.13	16.54	52.03	579
CR(N)(E) 32-5-2 H	20	3	36.00	54.50	3.00	41.00	51.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	476	11.50	9.00	53.88	13.39	12.13	16.54	54.78	586
CR(N)(E) 32-5 H	20	3	36.00	54.50	3.00	41.00	51.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	476	11.50	9.00	53.88	13.39	12.13	16.54	54.78	586
CR(N) 32-6-2 H	25	3	38.75	61.13	3.00	43.75	53.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	581	11.50	11.38	57.75	13.39	12.13	16.54	61.47	694
CR(N)(E) 32-6 H	25	3	38.75	61.13	3.00	43.75	53.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	581	11.50	11.38	57.75	13.39	12.13	16.54	61.47	694
CR(N) 32-7-2 H	30	3	41.50	63.88	3.00	46.50	57.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	614	11.50	11.38	62.00	13.39	12.13	16.54	64.22	729
CR(N)(E) 32-7 H	30	3	41.50	63.88	3.00	46.50	57.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	614	11.50	11.38	62.00	13.39	12.13	16.54	64.22	729
CR(N)(E) 32-8-2 H	30	3	44.25	66.63	3.00	49.25	60.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	627	11.50	11.38	64.75	13.39	12.13	16.54	66.97	743
CR(N) 32-8 H	40	3	44.25	67.38	3.00	49.25	60.25	15.00	-	13.13	7.00	-1.75	11.00	5.50	879	13.25	12.25	65.38	-	-	-	-	-
CR(N) 32-9-2 H	40	3	47.00	70.25	3.00	52.00	63.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	887	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-9 H	40	3	47.00	70.25	3.00	52.00	63.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	887	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	49.75	73.00	3.00	54.75	65.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	903	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-10 H	40	3	49.75	73.00	3.00	54.75	65.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	903	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	52.50	77.88	3.00	58.00	70.00	16.88	-	14.50	8.00	-2.75	12.00	6.25	965	13.25	12.25	74.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

Dimensions and weights G05 (2" x 1" x 10")

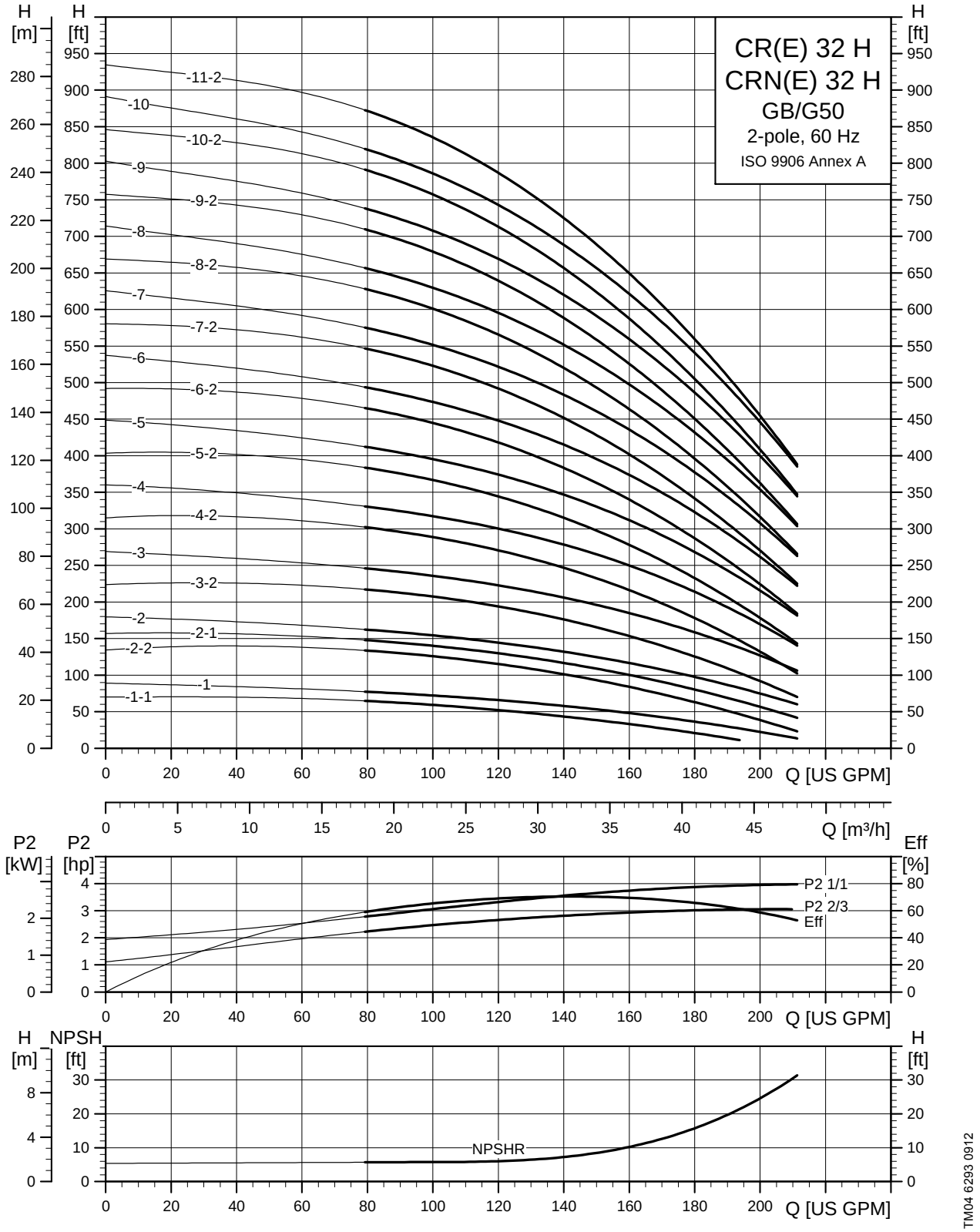


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	25.00	40.50	4.88	28.75	33.25	10.63	8.00	-	5.25	3.00	4.50	3.75	414	-	-	-	-	-	-	-	-
		3	25.00	40.50	4.88	28.75	33.25	8.63	5.25	-	4.50	3.75	4.50	3.75	397	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	25.00	40.50	4.88	28.75	33.25	10.63	8.00	-	5.25	3.00	4.50	3.75	414	-	-	-	-	-	-	-	-
		3	25.00	40.50	4.88	28.75	33.25	8.63	5.25	-	4.50	3.75	4.50	3.75	397	-	-	-	7.53	7.91	11.46	38.15	370
CR(N) 32-2-2 H	7 1/2	1	28.25	43.75	4.88	32.75	38.25	10.25	7.63	-	5.25	3.00	5.50	4.25	431	-	-	-	-	-	-	-	-
		3	28.25	43.75	4.88	32.75	38.25	8.63	5.25	-	5.25	3.00	5.50	4.25	410	-	-	-	7.53	7.91	11.46	42.62	401
CR(N)(E) 32-2-1 H	7 1/2	1	28.25	43.75	4.88	32.75	38.25	10.25	7.63	-	5.25	3.00	5.50	4.25	431	-	-	-	-	-	-	-	-
		3	28.25	43.75	4.88	32.75	38.25	8.63	5.25	-	5.25	3.00	5.50	4.25	410	-	-	-	7.53	7.91	11.46	42.62	401
CR(N) 32-2 H	10	1	28.25	44.25	4.88	32.75	39.75	10.25	10.25	-	5.25	3.00	7.00	4.25	486	-	-	-	-	-	-	-	-
		3	28.25	43.38	4.88	32.75	39.75	10.25	6.25	-	5.25	3.00	7.00	4.25	433	-	-	-	10.04	9.33	13.62	43.56	403
CR(N)(E) 32-3-2 H	10	1	31.00	47.00	4.88	35.50	42.50	10.25	10.25	-	5.25	3.00	7.00	4.25	494	-	-	-	-	-	-	-	-
		3	31.00	46.13	4.88	35.50	42.50	10.25	6.25	-	5.25	3.00	7.00	4.25	442	-	-	-	10.04	9.33	13.62	46.31	412
CR(N) 32-3 H	15	3	30.50	49.00	4.88	35.50	43.75	12.38	8.00	-	6.25	2.00	8.25	5.00	521	10.63	8.00	48.63	10.04	9.33	13.62	46.48	475
CR(N)(E) 32-4-2 H	15	3	33.25	51.75	4.88	38.25	46.50	12.38	8.00	-	6.25	2.00	8.25	5.00	525	10.63	8.00	51.38	10.04	9.33	13.62	49.23	480
CR(N) 32-4 H	20	3	33.25	51.75	4.88	38.25	48.25	12.38	8.00	-	6.25	2.00	10.00	5.00	520	11.50	9.00	51.13	13.39	12.13	16.54	52.03	630
CR(N)(E) 32-5-2 H	20	3	36.00	54.50	4.88	41.00	51.00	12.38	8.00	-	6.25	2.00	10.00	5.00	528	11.50	9.00	53.88	13.39	12.13	16.54	54.78	639
CR(N)(E) 32-5 H	20	3	36.00	54.50	4.88	41.00	51.00	12.38	8.00	-	6.25	2.00	10.00	5.00	528	11.50	9.00	53.88	13.39	12.13	16.54	54.78	639
CR(N) 32-6-2 H	25	3	38.75	61.13	4.88	43.75	53.25	12.38	8.00	-	7.00	1.25	9.50	5.50	590	11.50	11.38	57.75	13.39	12.13	16.54	61.47	703
CR(N)(E) 32-6 H	25	3	38.75	61.13	4.88	43.75	53.25	12.38	8.00	-	7.00	1.25	9.50	5.50	590	11.50	11.38	57.75	13.39	12.13	16.54	61.47	703
CR(N) 32-7-2 H	30	3	41.50	63.88	4.88	46.50	57.50	12.38	8.00	-	7.00	1.25	11.00	5.50	623	11.50	11.38	62.00	13.39	12.13	16.54	64.22	738
CR(N)(E) 32-7 H	30	3	41.50	63.88	4.88	46.50	57.50	12.38	8.00	-	7.00	1.25	11.00	5.50	623	11.50	11.38	62.00	13.39	12.13	16.54	64.22	738
CR(N)(E) 32-8-2 H	30	3	44.25	66.63	4.88	49.25	60.25	12.38	8.00	-	7.00	1.25	11.00	5.50	636	11.50	11.38	64.75	13.39	12.13	16.54	66.97	751
CR(N) 32-8 H	40	3	44.25	67.38	4.88	49.25	60.25	15.00	-	13.13	7.00	1.25	11.00	5.50	887	13.25	12.25	65.38	-	-	-	-	-
CR(N) 32-9-2 H	40	3	47.00	70.25	4.88	52.00	63.00	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-9 H	40	3	47.00	70.25	4.88	52.00	63.00	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	68.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	49.75	73.00	4.88	54.75	65.75	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-10 H	40	3	49.75	73.00	4.88	54.75	65.75	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	71.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	52.50	77.88	4.88	58.00	70.00	16.88	-	14.50	8.00	0.25	12.00	6.25	974	13.25	12.25	74.75	-	-	-	-	-

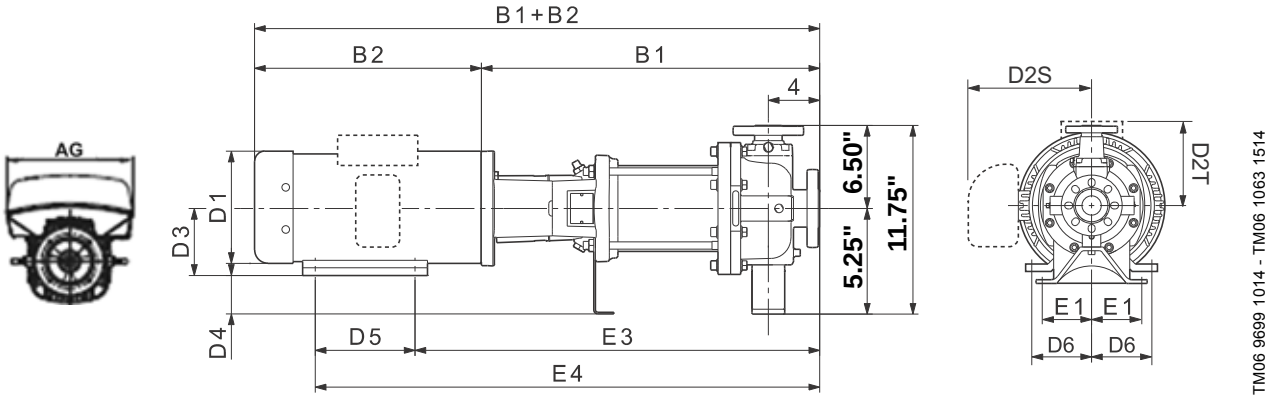
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 32 H GB/G50



Dimensions and weights GB (3" x 1.5" x 6", 3" x 1.5" x 8")

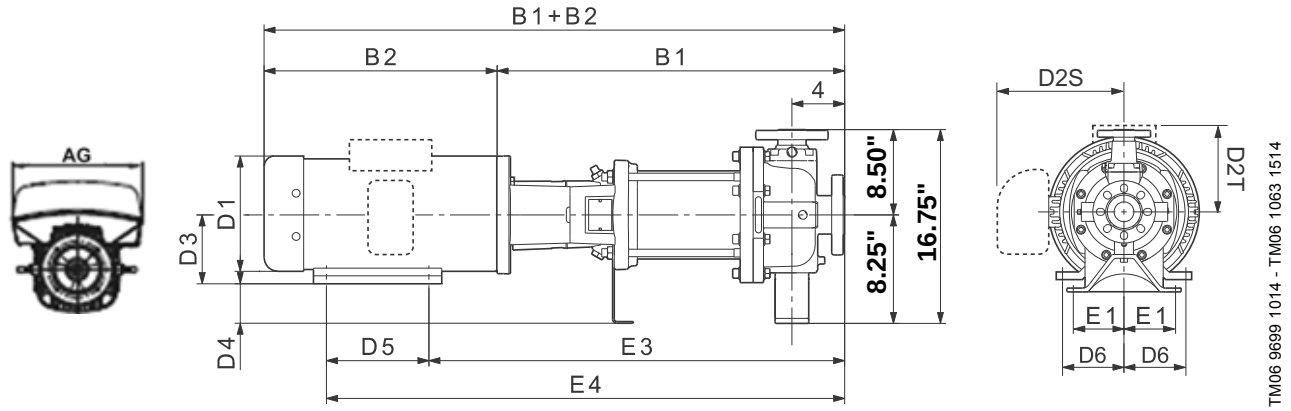


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	26.00	41.50	3.00	29.75	34.25	10.63	8.00	-	5.25	0.00	4.50	3.75	359	-	-	-	-	-	-	-	-
		3	26.00	41.50	3.00	29.75	34.25	8.63	5.25	-	4.50	0.75	4.50	3.75	342	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	26.00	41.50	3.00	29.75	34.25	10.63	8.00	-	5.25	0.00	4.50	3.75	359	-	-	-	-	-	-	-	-
		3	26.00	41.50	3.00	29.75	34.25	8.63	5.25	-	4.50	0.75	4.50	3.75	342	-	-	-	7.53	7.91	11.46	39.15	315
CR(N) 32-2-2 H	7 1/2	1	29.25	44.75	3.00	33.75	39.25	10.25	7.63	-	5.25	0.00	5.50	4.25	378	-	-	-	-	-	-	-	-
		3	29.25	44.75	3.00	33.75	39.25	8.63	5.25	-	5.25	0.00	5.50	4.25	357	-	-	-	7.53	7.91	11.46	43.62	348
CR(N)(E) 32-2-1 H	7 1/2	1	29.25	44.75	3.00	33.75	39.25	10.25	7.63	-	5.25	0.00	5.50	4.25	378	-	-	-	-	-	-	-	-
		3	29.25	44.75	3.00	33.75	39.25	8.63	5.25	-	5.25	0.00	5.50	4.25	357	-	-	-	7.53	7.91	11.46	43.62	348
CR(N) 32-2 H	10	1	29.25	45.38	3.00	33.75	40.75	10.25	10.25	-	5.25	0.00	7.00	4.25	433	-	-	-	-	-	-	-	-
		3	29.25	44.38	3.00	33.75	40.75	10.25	6.25	-	5.25	0.00	7.00	4.25	381	-	-	-	10.04	9.33	13.62	44.56	350
CR(N)(E) 32-3-2 H	10	1	32.00	48.13	3.00	36.50	43.50	10.25	10.25	-	5.25	0.00	7.00	4.25	459	-	-	-	-	-	-	-	-
		3	32.00	47.13	3.00	36.50	43.50	10.25	6.25	-	5.25	0.00	7.00	4.25	407	-	-	-	10.04	9.33	13.62	47.31	376
CR(N) 32-3 H	15	3	31.50	50.00	3.00	36.50	44.75	12.38	8.00	-	6.25	-1.00	8.25	5.00	485	10.63	8.00	49.63	10.04	9.33	13.62	47.48	440
CR(N)(E) 32-4-2 H	15	3	34.25	52.75	3.00	39.25	47.50	12.38	8.00	-	6.25	-1.00	8.25	5.00	492	10.63	8.00	52.38	10.04	9.33	13.62	50.23	447
CR(N) 32-4 H	20	3	34.25	52.75	3.00	39.25	49.25	12.38	8.00	-	6.25	-1.00	10.00	5.00	487	11.50	9.00	52.13	13.39	12.13	16.54	53.03	597
CR(N)(E) 32-5-2 H	20	3	37.00	55.50	3.00	42.00	52.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	493	11.50	9.00	55.00	13.39	12.13	16.54	55.78	603
CR(N)(E) 32-5 H	20	3	37.00	55.50	3.00	42.00	52.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	493	11.50	9.00	55.00	13.39	12.13	16.54	55.78	603
CR(N) 32-6-2 H	25	3	39.75	62.13	3.00	44.75	54.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	601	11.50	11.38	58.88	13.39	12.13	16.54	62.47	714
CR(N)(E) 32-6 H	25	3	39.75	62.13	3.00	44.75	54.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	601	11.50	11.38	58.88	13.39	12.13	16.54	62.47	714
CR(N) 32-7-2 H	30	3	42.50	64.88	3.00	47.50	58.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	634	11.50	11.38	63.13	13.39	12.13	16.54	65.22	749
CR(N)(E) 32-7 H	30	3	42.50	64.88	3.00	47.50	58.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	634	11.50	11.38	63.13	13.39	12.13	16.54	65.22	749
CR(N)(E) 32-8-2 H	30	3	45.25	67.63	3.00	50.25	61.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	647	11.50	11.38	65.88	13.39	12.13	16.54	67.97	762
CR(N) 32-8 H	40	3	45.25	68.50	3.00	50.25	61.25	15.00	-	13.13	7.00	-1.75	11.00	5.50	898	13.25	12.25	66.50	-	-	-	-	-
CR(N) 32-9-2 H	40	3	48.00	71.25	3.00	53.00	64.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	914	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-9 H	40	3	48.00	71.25	3.00	53.00	64.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	914	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	50.75	74.00	3.00	55.75	66.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	923	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-10 H	40	3	50.75	74.00	3.00	55.75	66.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	923	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	53.50	79.00	3.00	59.00	71.00	16.88	-	14.50	8.00	-2.75	12.00	6.25	985	13.25	12.25	75.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

Dimensions and weights G50 (3" x 1.5" x 8", 3" x 1.5" x 10")

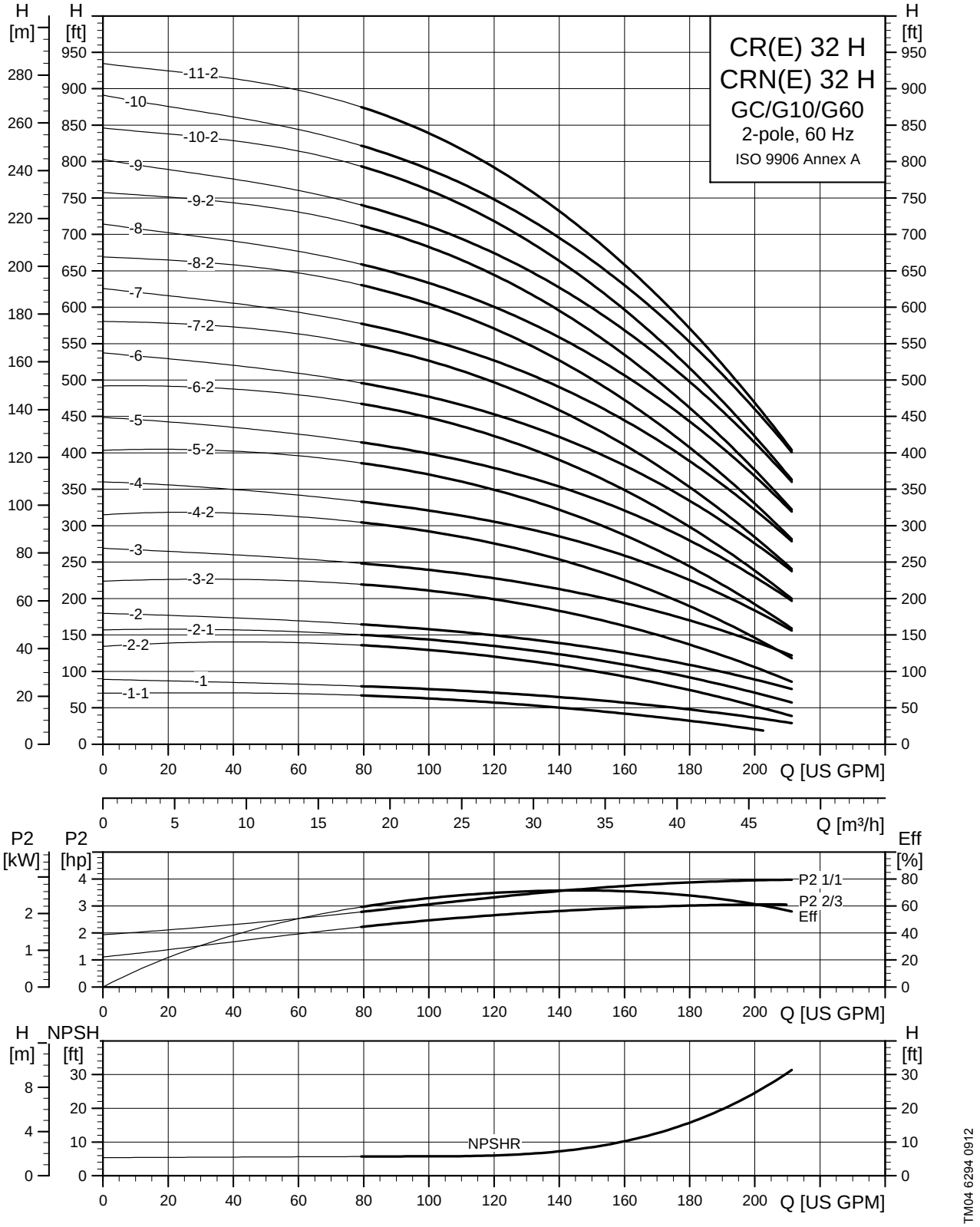


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	419	-	-	-	-	-		-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	401	-	-	-	-	-		-	-
CR(N)(E) 32-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	419	-	-	-	-	-		-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	401	-	-	-	7.53	7.91	11.46	39.15	375
CR(N) 32-2-2 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	437	-	-	-	-	-		-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	417	-	-	-	7.53	7.91	11.46	43.62	407
CR(N)(E) 32-2-1 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	437	-	-	-	-	-		-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	417	-	-	-	7.53	7.91	11.46	43.62	407
CR(N) 32-2 H	10	1	29.25	45.38	4.88	33.75	40.75	10.25	10.25	-	5.25	3.00	7.00	4.25	492	-	-	-	-	-		-	-
		3	29.25	44.38	4.88	33.75	40.75	10.25	6.25	-	5.25	3.00	7.00	4.25	440	-	-	-	10.04	9.33	13.62	44.56	409
CR(N)(E) 32-3-2 H	10	1	32.00	48.13	4.88	36.50	43.50	10.25	10.25	-	5.25	3.00	7.00	4.25	499	-	-	-	-	-		-	-
		3	32.00	47.13	4.88	36.50	43.50	10.25	6.25	-	5.25	3.00	7.00	4.25	447	-	-	-	10.04	9.33	13.62	47.31	416
CR(N) 32-3 H	15	3	31.50	50.00	4.88	36.50	44.75	12.38	8.00	-	6.25	2.00	8.25	5.00	525	10.63	8.00	49.63	10.04	9.33	13.62	47.48	480
CR(N)(E) 32-4-2 H	15	3	34.25	52.75	4.88	39.25	47.50	12.38	8.00	-	6.25	2.00	8.25	5.00	532	10.63	8.00	52.38	10.04	9.33	13.62	50.23	486
CR(N) 32-4 H	20	3	34.25	52.75	4.88	39.25	49.25	12.38	8.00	-	6.25	2.00	10.00	5.00	526	11.50	9.00	52.13	13.39	12.13	16.54	53.03	636
CR(N)(E) 32-5-2 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	533	11.50	9.00	55.00	13.39	12.13	16.54	55.78	643
CR(N)(E) 32-5 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	533	11.50	9.00	55.00	13.39	12.13	16.54	55.78	643
CR(N) 32-6-2 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	599	11.50	11.38	58.88	13.39	12.13	16.54	62.47	711
CR(N)(E) 32-6 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	599	11.50	11.38	58.88	13.39	12.13	16.54	62.47	711
CR(N) 32-7-2 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	63.13	13.39	12.13	16.54	65.22	747
CR(N)(E) 32-7 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	63.13	13.39	12.13	16.54	65.22	747
CR(N)(E) 32-8-2 H	30	3	45.25	67.63	4.88	50.25	61.25	12.38	8.00	-	7.00	1.25	11.00	5.50	645	11.50	11.38	65.88	13.39	12.13	16.54	67.97	760
CR(N) 32-8 H	40	3	45.25	68.50	4.88	50.25	61.25	15.00	-	13.13	7.00	1.25	11.00	5.50	896	13.25	12.25	66.50	-	-		-	-
CR(N) 32-9-2 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	914	13.25	12.25	69.25	-	-		-	-
CR(N) 32-9 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	914	13.25	12.25	69.25	-	-		-	-
CR(N) 32-10-2 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	920	13.25	12.25	72.00	-	-		-	-
CR(N) 32-10 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	920	13.25	12.25	72.00	-	-		-	-
CR(N) 32-11-2 H	50	3	53.50	79.00	4.88	59.00	71.00	16.88	-	14.50	8.00	0.25	12.00	6.25	982	13.25	12.25	75.75	-	-		-	-

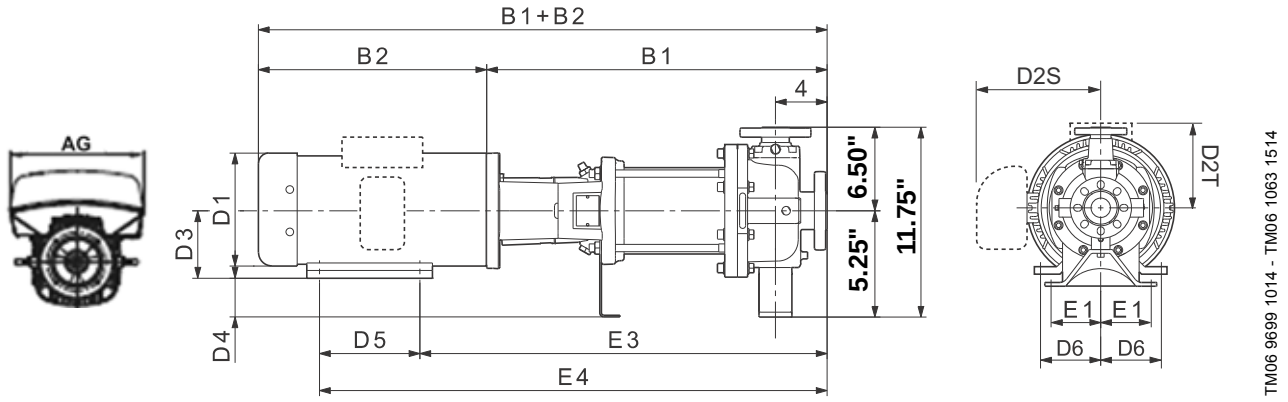
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 32 H GC/G10/G60



Dimensions and weights GC (3" x 2" x 6")

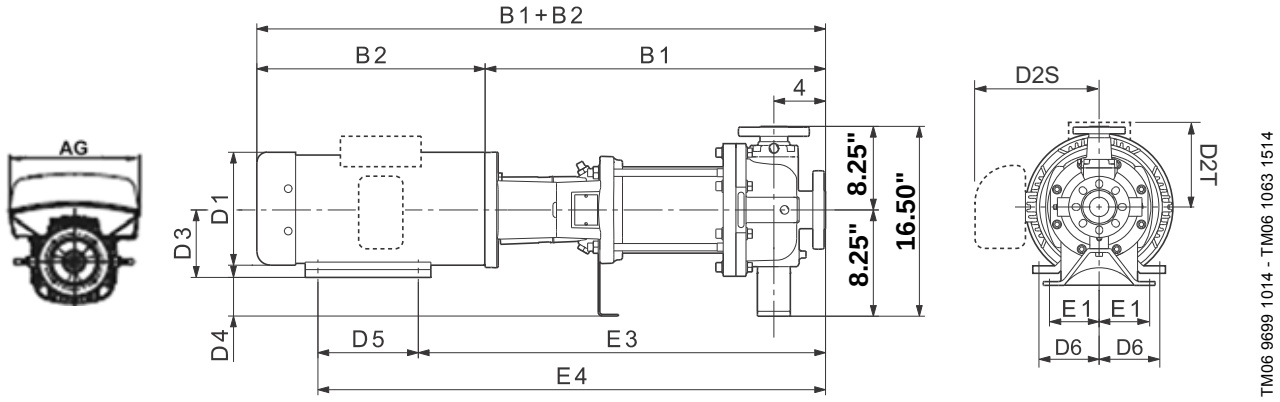


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	26.00	41.50	3.00	29.75	34.25	10.63	8.00	-	5.25	0.00	4.50	3.75	353	-	-	-	-	-	-	-	-
		3	26.00	41.50	3.00	29.75	34.25	8.63	5.25	-	4.50	0.75	4.50	3.75	335	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	26.00	41.50	3.00	29.75	34.25	10.63	8.00	-	5.25	0.00	4.50	3.75	353	-	-	-	-	-	-	-	-
		3	26.00	41.50	3.00	29.75	34.25	8.63	5.25	-	4.50	0.75	4.50	3.75	335	-	-	-	7.53	7.91	11.46	39.15	309
CR(N) 32-2-2 H	7 1/2	1	29.25	44.75	3.00	33.75	39.25	10.25	7.63	-	5.25	0.00	5.50	4.25	371	-	-	-	-	-	-	-	-
		3	29.25	44.75	3.00	33.75	39.25	8.63	5.25	-	5.25	0.00	5.50	4.25	351	-	-	-	7.53	7.91	11.46	43.62	341
CR(N)(E) 32-2-1 H	7 1/2	1	29.25	44.75	3.00	33.75	39.25	10.25	7.63	-	5.25	0.00	5.50	4.25	371	-	-	-	-	-	-	-	-
		3	29.25	44.75	3.00	33.75	39.25	8.63	5.25	-	5.25	0.00	5.50	4.25	351	-	-	-	7.53	7.91	11.46	43.62	341
CR(N) 32-2 H	10	1	29.25	45.38	3.00	33.75	40.75	10.25	10.25	-	5.25	0.00	7.00	4.25	426	-	-	-	-	-	-	-	-
		3	29.25	44.38	3.00	33.75	40.75	10.25	6.25	-	5.25	0.00	7.00	4.25	374	-	-	-	10.04	9.33	13.62	44.56	343
CR(N)(E) 32-3-2 H	10	1	32.00	48.13	3.00	36.50	43.50	10.25	10.25	-	5.25	0.00	7.00	4.25	453	-	-	-	-	-	-	-	-
		3	32.00	47.13	3.00	36.50	43.50	10.25	6.25	-	5.25	0.00	7.00	4.25	400	-	-	-	10.04	9.33	13.62	47.31	370
CR(N) 32-3 H	15	3	31.50	50.00	3.00	36.50	44.75	12.38	8.00	-	6.25	-1.00	8.25	5.00	479	10.63	8.00	49.63	10.04	9.33	13.62	47.48	434
CR(N)(E) 32-4-2 H	15	3	34.25	52.75	3.00	39.25	47.50	12.38	8.00	-	6.25	-1.00	8.25	5.00	485	10.63	8.00	52.38	10.04	9.33	13.62	50.23	440
CR(N) 32-4 H	20	3	34.25	52.75	3.00	39.25	49.25	12.38	8.00	-	6.25	-1.00	10.00	5.00	480	11.50	9.00	52.13	13.39	12.13	16.54	53.03	590
CR(N)(E) 32-5-2 H	20	3	37.00	55.50	3.00	42.00	52.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	487	11.50	9.00	55.00	13.39	12.13	16.54	55.78	597
CR(N)(E) 32-5 H	20	3	37.00	55.50	3.00	42.00	52.00	12.38	8.00	-	6.25	-1.00	10.00	5.00	487	11.50	9.00	55.00	13.39	12.13	16.54	55.78	597
CR(N) 32-6-2 H	25	3	39.75	62.13	3.00	44.75	54.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	592	11.50	11.38	58.88	13.39	12.13	16.54	62.47	705
CR(N)(E) 32-6 H	25	3	39.75	62.13	3.00	44.75	54.25	12.38	8.00	-	7.00	-1.75	9.50	5.50	592	11.50	11.38	58.88	13.39	12.13	16.54	62.47	705
CR(N) 32-7-2 H	30	3	42.50	64.88	3.00	47.50	58.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	625	11.50	11.38	63.13	13.39	12.13	16.54	65.22	740
CR(N)(E) 32-7 H	30	3	42.50	64.88	3.00	47.50	58.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	625	11.50	11.38	63.13	13.39	12.13	16.54	65.22	740
CR(N)(E) 32-8-2 H	30	3	45.25	67.63	3.00	50.25	61.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	638	11.50	11.38	65.88	13.39	12.13	16.54	67.97	754
CR(N) 32-8 H	40	3	45.25	68.50	3.00	50.25	61.25	15.00	-	13.13	7.00	-1.75	11.00	5.50	890	13.25	12.25	66.50	-	-	-	-	-
CR(N) 32-9-2 H	40	3	48.00	71.25	3.00	53.00	64.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	907	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-9 H	40	3	48.00	71.25	3.00	53.00	64.00	15.00	-	13.13	7.00	-1.75	11.00	5.50	907	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	50.75	74.00	3.00	55.75	66.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	914	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-10 H	40	3	50.75	74.00	3.00	55.75	66.75	15.00	-	13.13	7.00	-1.75	11.00	5.50	914	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	53.50	79.00	3.00	59.00	71.00	16.88	-	14.50	8.00	-2.75	12.00	6.25	976	13.25	12.25	75.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

Dimensions and weights G10 (3" x 2" x 6")

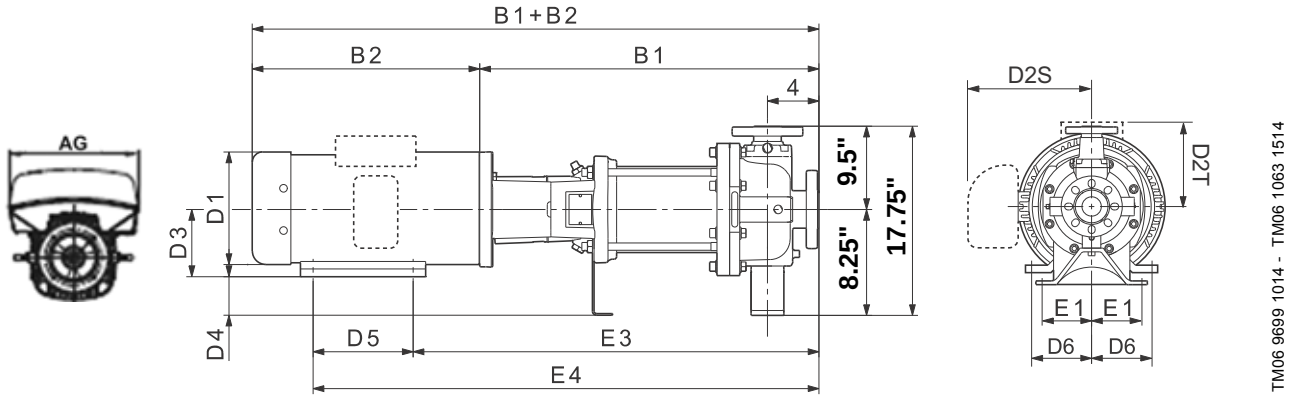


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	357	-	-	-	-	-		-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	340	-	-	-	-	-		-	-
CR(N)(E) 32-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	357	-	-	-	-	-		-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	340	-	-	-	7.53	7.91	11.46	39.15	313
CR(N) 32-2-2 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	376	-	-	-	-	-		-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	355	-	-	-	7.53	7.91	11.46	43.62	346
CR(N)(E) 32-2-1 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	376	-	-	-	-	-		-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	355	-	-	-	7.53	7.91	11.46	43.62	346
CR(N) 32-2 H	10	1	29.25	45.38	4.88	33.75	40.75	10.25	10.25	-	5.25	3.00	7.00	4.25	431	-	-	-	-	-		-	-
		3	29.25	44.38	4.88	33.75	40.75	10.25	6.25	-	5.25	3.00	7.00	4.25	378	-	-	-	10.04	9.33	13.62	44.56	348
CR(N)(E) 32-3-2 H	10	1	32.00	48.13	4.88	36.50	43.50	10.25	10.25	-	5.25	3.00	7.00	4.25	457	-	-	-	-	-		-	-
		3	32.00	47.13	4.88	36.50	43.50	10.25	6.25	-	5.25	3.00	7.00	4.25	405	-	-	-	10.04	9.33	13.62	47.31	374
CR(N) 32-3 H	15	3	31.50	50.00	4.88	36.50	44.75	12.38	8.00	-	6.25	2.00	8.25	5.00	483	10.63	8.00	49.63	10.04	9.33	13.62	47.48	438
CR(N)(E) 32-4-2 H	15	3	34.25	52.75	4.88	39.25	47.50	12.38	8.00	-	6.25	2.00	8.25	5.00	490	10.63	8.00	52.38	10.04	9.33	13.62	50.23	445
CR(N) 32-4 H	20	3	34.25	52.75	4.88	39.25	49.25	12.38	8.00	-	6.25	2.00	10.00	5.00	484	11.50	9.00	52.13	13.39	12.13	16.54	53.03	595
CR(N)(E) 32-5-2 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	491	11.50	9.00	55.00	13.39	12.13	16.54	55.78	601
CR(N)(E) 32-5 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	491	11.50	9.00	55.00	13.39	12.13	16.54	55.78	601
CR(N) 32-6-2 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	597	11.50	11.38	58.88	13.39	12.13	16.54	62.47	709
CR(N)(E) 32-6 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	597	11.50	11.38	58.88	13.39	12.13	16.54	62.47	709
CR(N) 32-7-2 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	63.13	13.39	12.13	16.54	65.22	745
CR(N)(E) 32-7 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	63.13	13.39	12.13	16.54	65.22	745
CR(N)(E) 32-8-2 H	30	3	45.25	67.63	4.88	50.25	61.25	12.38	8.00	-	7.00	1.25	11.00	5.50	643	11.50	11.38	65.88	13.39	12.13	16.54	67.97	758
CR(N) 32-8 H	40	3	45.25	68.50	4.88	50.25	61.25	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	66.50	-	-		-	-
CR(N) 32-9-2 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	69.25	-	-		-	-
CR(N) 32-9 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	69.25	-	-		-	-
CR(N) 32-10-2 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	918	13.25	12.25	72.00	-	-		-	-
CR(N) 32-10 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	918	13.25	12.25	72.00	-	-		-	-
CR(N) 32-11-2 H	50	3	53.50	79.00	4.88	59.00	71.00	16.88	-	14.50	8.00	0.25	12.00	6.25	980	13.25	12.25	75.75	-	-		-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

Dimensions and weights G60 (3" x 2" x 8", 3" x 2" x 10")

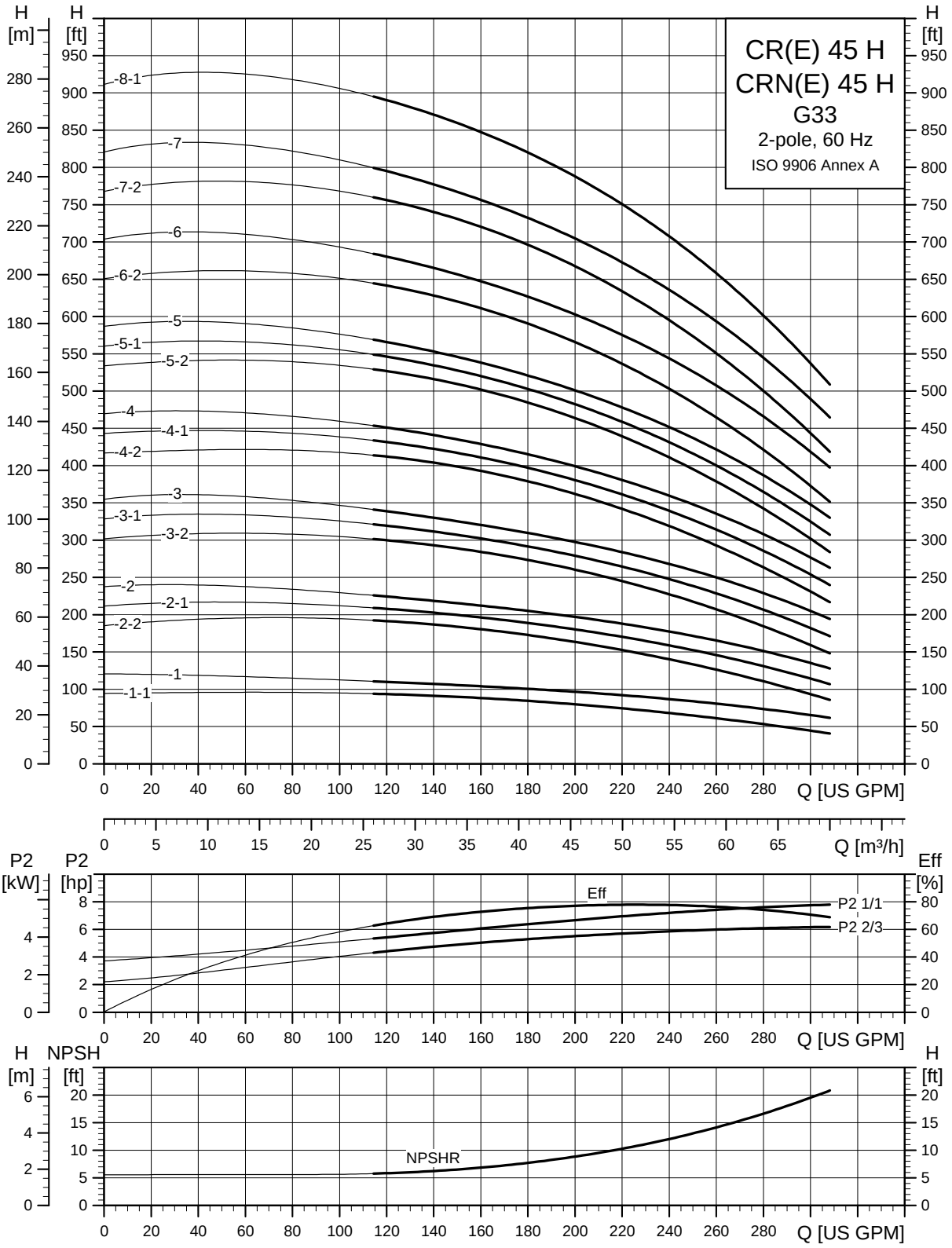


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 32-1-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	419	-	-	-	-	-	-	-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	401	-	-	-	-	-	-	-	-
CR(N)(E) 32-1 H	5	1	26.00	41.50	4.88	29.75	34.25	10.63	8.00	-	5.25	3.00	4.50	3.75	419	-	-	-	-	-	-	-	-
		3	26.00	41.50	4.88	29.75	34.25	8.63	5.25	-	4.50	3.75	4.50	3.75	401	-	-	-	7.53	7.91	11.46	39.15	375
CR(N) 32-2-2 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	437	-	-	-	-	-	-	-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	417	-	-	-	7.53	7.91	11.46	43.62	407
CR(N)(E) 32-2-1 H	7 1/2	1	29.25	44.75	4.88	33.75	39.25	10.25	7.63	-	5.25	3.00	5.50	4.25	437	-	-	-	-	-	-	-	-
		3	29.25	44.75	4.88	33.75	39.25	8.63	5.25	-	5.25	3.00	5.50	4.25	417	-	-	-	7.53	7.91	11.46	43.62	407
CR(N) 32-2 H	10	1	29.25	45.38	4.88	33.75	40.75	10.25	10.25	-	5.25	3.00	7.00	4.25	492	-	-	-	-	-	-	-	-
		3	29.25	44.38	4.88	33.75	40.75	10.25	6.25	-	5.25	3.00	7.00	4.25	440	-	-	-	10.04	9.33	13.62	44.56	409
CR(N)(E) 32-3-2 H	10	1	32.00	48.13	4.88	36.50	43.50	10.25	10.25	-	5.25	3.00	7.00	4.25	499	-	-	-	-	-	-	-	-
		3	32.00	47.13	4.88	36.50	43.50	10.25	6.25	-	5.25	3.00	7.00	4.25	447	-	-	-	10.04	9.33	13.62	47.31	416
CR(N) 32-3 H	15	3	31.50	50.00	4.88	36.50	44.75	12.38	8.00	-	6.25	2.00	8.25	5.00	525	10.63	8.00	49.63	10.04	9.33	13.62	47.48	480
CR(N)(E) 32-4-2 H	15	3	34.25	52.75	4.88	39.25	47.50	12.38	8.00	-	6.25	2.00	8.25	5.00	532	10.63	8.00	52.38	10.04	9.33	13.62	50.23	486
CR(N) 32-4 H	20	3	34.25	52.75	4.88	39.25	49.25	12.38	8.00	-	6.25	2.00	10.00	5.00	526	11.50	9.00	52.13	13.39	12.13	16.54	53.03	636
CR(N)(E) 32-5-2 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	533	11.50	9.00	55.00	13.39	12.13	16.54	55.78	643
CR(N)(E) 32-5 H	20	3	37.00	55.50	4.88	42.00	52.00	12.38	8.00	-	6.25	2.00	10.00	5.00	533	11.50	9.00	55.00	13.39	12.13	16.54	55.78	643
CR(N) 32-6-2 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	597	11.50	11.38	58.88	13.39	12.13	16.54	62.47	709
CR(N)(E) 32-6 H	25	3	39.75	62.13	4.88	44.75	54.25	12.38	8.00	-	7.00	1.25	9.50	5.50	597	11.50	11.38	58.88	13.39	12.13	16.54	62.47	709
CR(N) 32-7-2 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	63.13	13.39	12.13	16.54	65.22	745
CR(N)(E) 32-7 H	30	3	42.50	64.88	4.88	47.50	58.50	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	63.13	13.39	12.13	16.54	65.22	745
CR(N)(E) 32-8-2 H	30	3	45.25	67.63	4.88	50.25	61.25	12.38	8.00	-	7.00	1.25	11.00	5.50	645	11.50	11.38	65.88	13.39	12.13	16.54	67.97	760
CR(N) 32-8 H	40	3	45.25	68.50	4.88	50.25	61.25	15.00	-	13.13	7.00	1.25	11.00	5.50	896	13.25	12.25	66.50	-	-	-	-	-
CR(N) 32-9-2 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-9 H	40	3	48.00	71.25	4.88	53.00	64.00	15.00	-	13.13	7.00	1.25	11.00	5.50	912	13.25	12.25	69.25	-	-	-	-	-
CR(N) 32-10-2 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	918	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-10 H	40	3	50.75	74.00	4.88	55.75	66.75	15.00	-	13.13	7.00	1.25	11.00	5.50	918	13.25	12.25	72.00	-	-	-	-	-
CR(N) 32-11-2 H	50	3	53.50	79.00	4.88	59.00	71.00	16.88	-	14.50	8.00	0.25	12.00	6.25	980	13.25	12.25	75.75	-	-	-	-	-

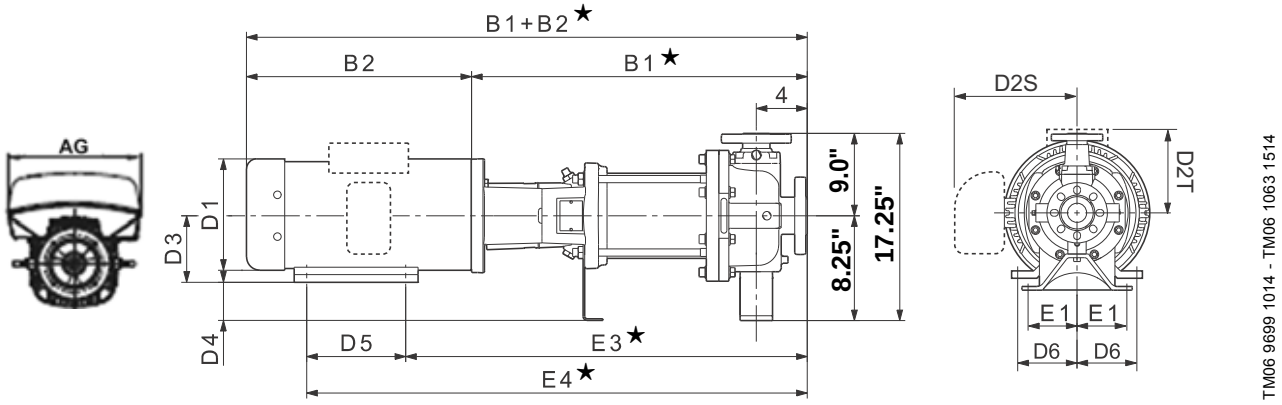
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

CR, CRE, CRN, CRNE 45 H G33



Dimensions and weights G33 (3" x 3")



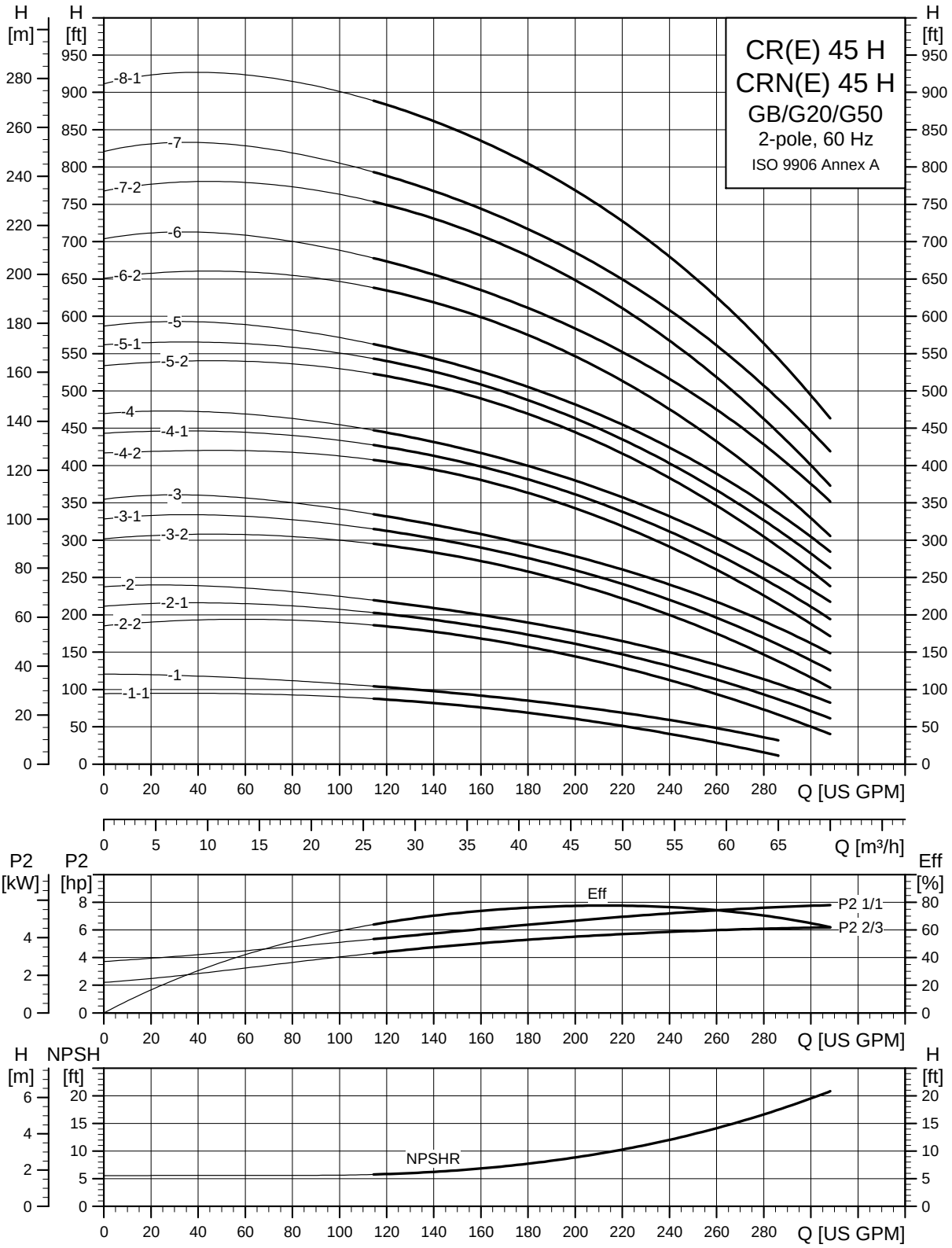
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	3.00	5.50	4.25	301	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	3.00	5.50	4.25	280	-	-	-	7.53	7.91	11.46	40.50	271
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	3.00	7.00	4.25	356	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	3.00	7.00	4.25	304	-	-	-	10.04	9.33	13.62	41.44	273
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	389	10.63	8.00	46.88	10.04	9.33	13.62	44.73	343
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	389	10.63	8.00	46.88	10.04	9.33	13.62	44.73	343
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	389	10.63	8.00	46.88	10.04	9.33	13.62	44.73	343
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	2.00	10.00	5.00	410	11.50	9.00	49.88	13.39	12.13	16.54	50.66	520
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	438	11.50	11.38	51.00	13.39	12.13	16.54	54.60	551
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	438	11.50	11.38	51.00	13.39	12.13	16.54	54.60	551
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	542	11.50	11.38	55.63	13.39	12.13	16.54	57.72	657
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	542	11.50	11.38	55.63	13.39	12.13	16.54	57.72	657
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	542	11.50	11.38	55.63	13.39	12.13	16.54	57.72	657
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	802	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	802	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	802	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	870	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	870	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	0.25	12.00	6.25	888	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	-0.75	12.25	7.00	1162	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1173	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

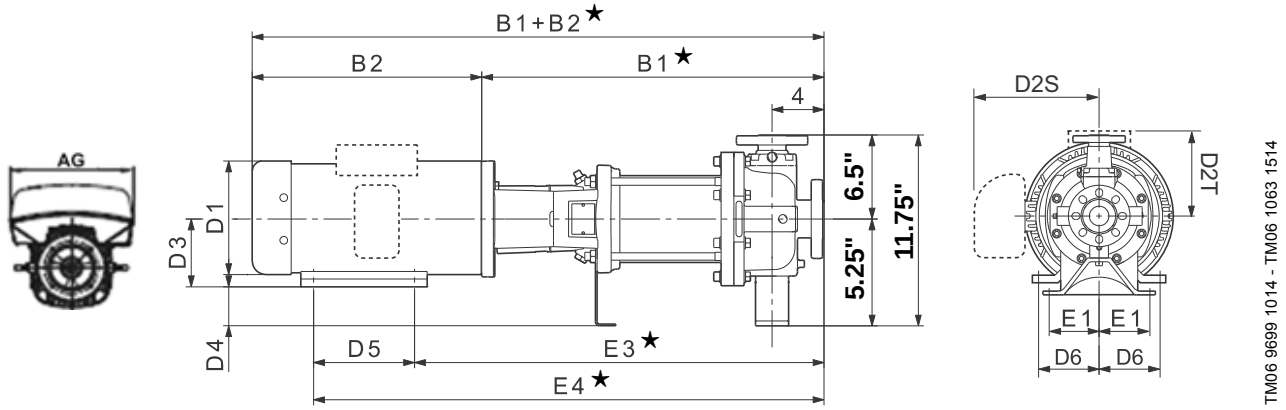
* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRE, CRN, CRNE 45 H GB/G20/G50



Dimensions and weights GB (3" x 1.5" x 6", 3" x 1.5" x 8")



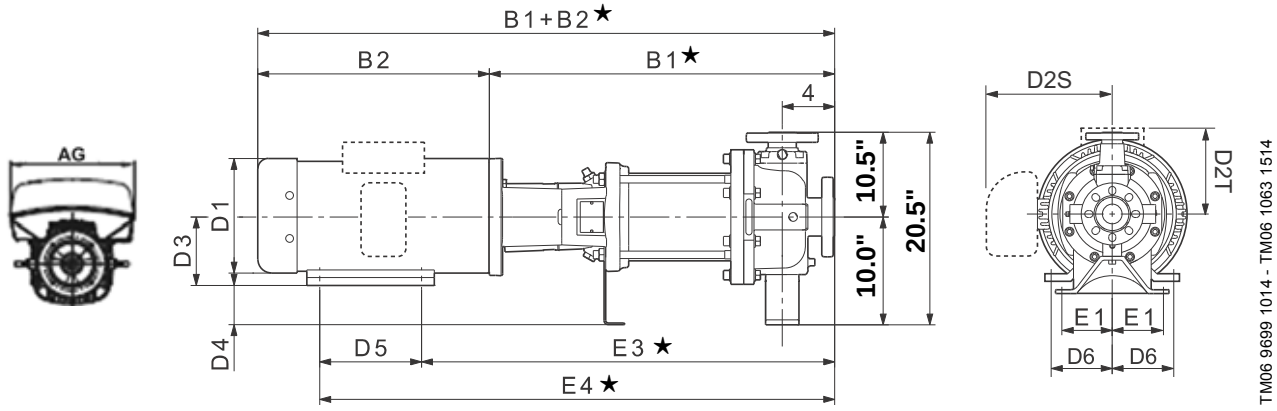
Pump type	HP	PH	Dimensions [in] TEFC													Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	27.38	42.88	3.00	31.88	37.38	10.25	7.63	-	5.25	0.00	5.50	4.25	301	-	-	-	-	-	-	-	-
		3	27.38	42.88	3.00	31.88	37.38	8.63	5.25	-	5.25	0.00	5.50	4.25	280	-	-	-	7.53	7.91	11.46	41.75	271
CR(N)(E) 45-1 H	10	1	27.38	43.38	3.00	31.88	38.88	10.25	10.25	-	5.25	0.00	7.00	4.25	356	-	-	-	-	-	-	-	-
		3	27.38	42.50	3.00	31.88	38.88	10.25	6.25	-	5.25	0.00	7.00	4.25	304	-	-	-	10.04	9.33	13.62	42.69	273
CR(N)(E) 45-2-2 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N) 45-2-1 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N)(E) 45-2 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N)(E) 45-3-2 H	20	3	33.13	51.63	3.00	38.13	48.13	12.38	8.00	-	6.25	-1.00	10.00	5.00	410	11.50	9.00	51.13	13.39	12.13	16.54	51.91	520
CR(N) 45-3-1 H	25	3	33.13	55.50	3.00	38.13	47.63	12.38	8.00	-	7.00	-1.75	9.50	5.50	438	11.50	11.38	52.25	13.39	12.13	16.54	55.85	551
CR(N)(E) 45-3 H	25	3	33.13	55.50	3.00	38.13	47.63	12.38	8.00	-	7.00	-1.75	9.50	5.50	440	11.50	11.38	52.25	13.39	12.13	16.54	55.85	553
CR(N)(E) 45-4-2 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N) 45-4-1 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N)(E) 45-4 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N) 45-5-2 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-5-1 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-5 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-6-2 H	50	3	42.63	68.00	3.00	48.13	60.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	870	13.25	12.25	64.75	-	-	-	-	-
CR(N) 45-6 H	50	3	42.63	68.00	3.00	48.13	60.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	870	13.25	12.25	64.75	-	-	-	-	-
CR(N) 45-7-2 H	50	3	45.75	71.13	3.00	51.25	63.25	16.88	-	14.50	8.00	-2.75	12.00	6.25	888	13.25	12.25	67.88	-	-	-	-	-
CR(N) 45-7 H	60	3	45.75	73.13	3.00	51.88	64.13	16.88	-	14.63	9.00	-3.75	12.25	7.00	1164	15.13	13.25	69.75	-	-	-	-	-
CR(N) 45-8-1 H	60	3	48.88	76.25	3.00	55.00	67.25	16.88	-	14.63	9.00	-3.75	12.25	7.00	1173	15.13	13.25	73.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.16 inches for **CRN-H** dimensions.

Dimensions and weights G20 (3" x 1.5" x 13")



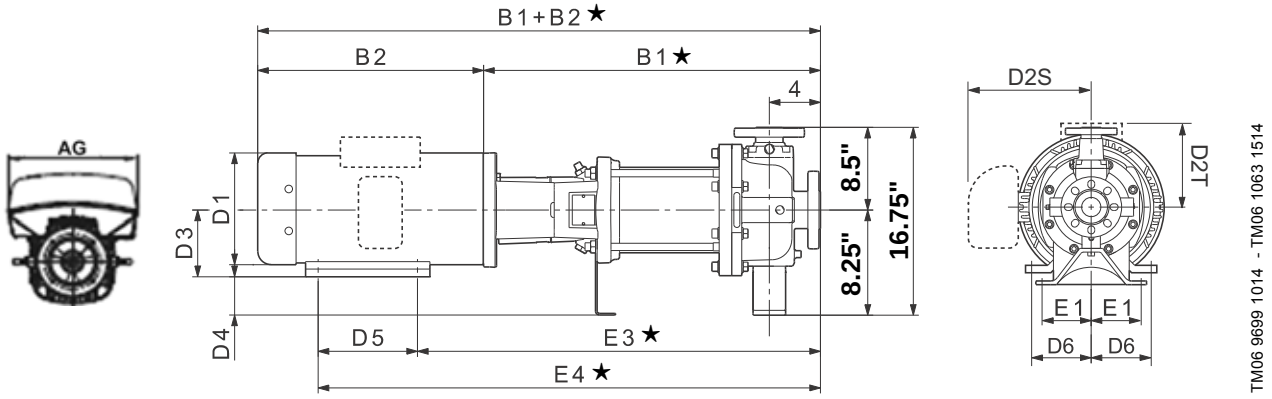
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	4.75	5.50	4.25	442	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	4.75	5.50	4.25	421	-	-	-	7.53	7.91	11.46	40.50	412
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	4.75	7.00	4.25	497	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	4.75	7.00	4.25	444	-	-	-	10.04	9.33	13.62	41.44	414
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	532	10.63	8.00	46.88	10.04	9.33	13.62	44.73	486
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	532	10.63	8.00	46.88	10.04	9.33	13.62	44.73	486
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	532	10.63	8.00	46.88	10.04	9.33	13.62	44.73	486
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	3.75	10.00	5.00	533	11.50	9.00	49.88	13.39	12.13	16.54	50.66	643
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	3.00	9.50	5.50	561	11.50	11.38	51.00	13.39	12.13	16.54	54.60	674
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	3.00	9.50	5.50	561	11.50	11.38	51.00	13.39	12.13	16.54	54.60	674
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	2.00	12.00	6.25	956	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	2.00	12.00	6.25	956	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	2.00	12.00	6.25	976	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	1.00	12.25	7.00	1250	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	1.00	12.25	7.00	1259	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G50 (3" x 1.5" x 8", 3" x 1.5" x 10")



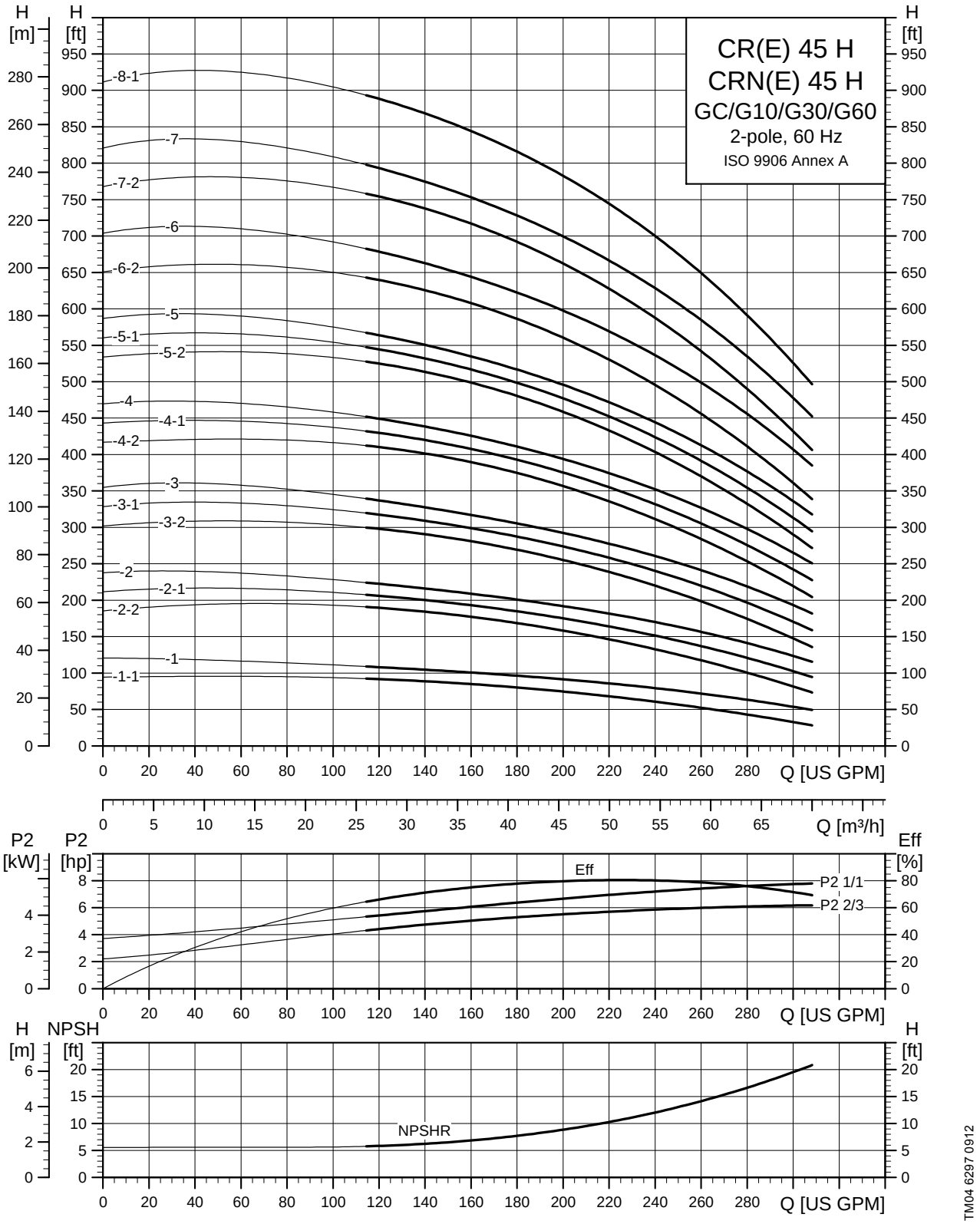
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	3.00	5.50	4.25	448	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	3.00	5.50	4.25	428	-	-	-	7.53	7.91	11.46	40.50	418
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	3.00	7.00	4.25	503	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	3.00	7.00	4.25	451	-	-	-	10.04	9.33	13.62	41.44	420
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	538	10.63	8.00	46.88	10.04	9.33	13.62	44.73	493
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	538	10.63	8.00	46.88	10.04	9.33	13.62	44.73	493
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	538	10.63	8.00	46.88	10.04	9.33	13.62	44.73	493
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	2.00	10.00	5.00	542	11.50	9.00	49.88	13.39	12.13	16.54	50.66	652
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	570	11.50	11.38	51.00	13.39	12.13	16.54	54.60	683
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	570	11.50	11.38	51.00	13.39	12.13	16.54	54.60	683
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	55.63	13.39	12.13	16.54	57.72	745
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	55.63	13.39	12.13	16.54	57.72	745
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	630	11.50	11.38	55.63	13.39	12.13	16.54	57.72	745
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	963	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	963	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	0.25	12.00	6.25	980	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	-0.75	12.25	7.00	1254	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1265	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

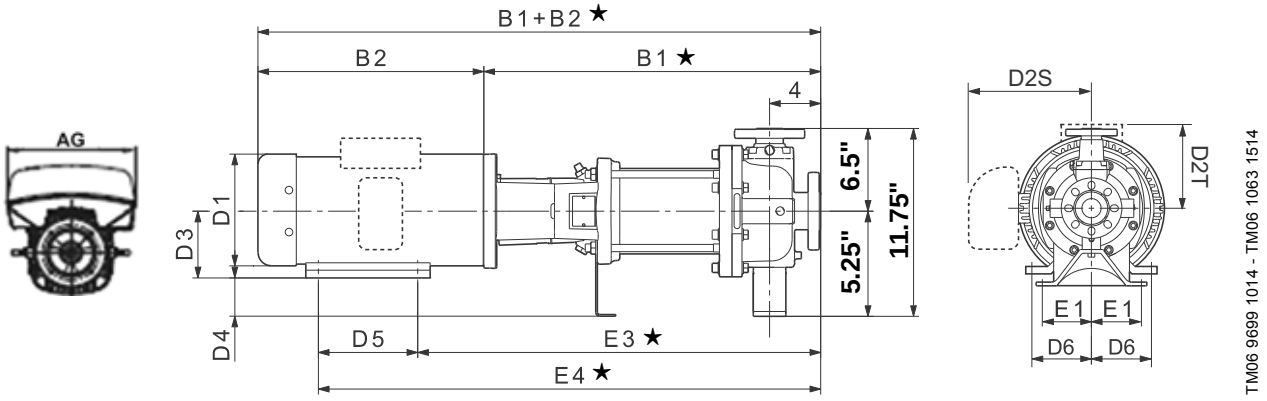
* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRE, CRN, CRNE 45 H GC/G10/G30/G60



Dimensions and weights GC (3" x 2" x 6")



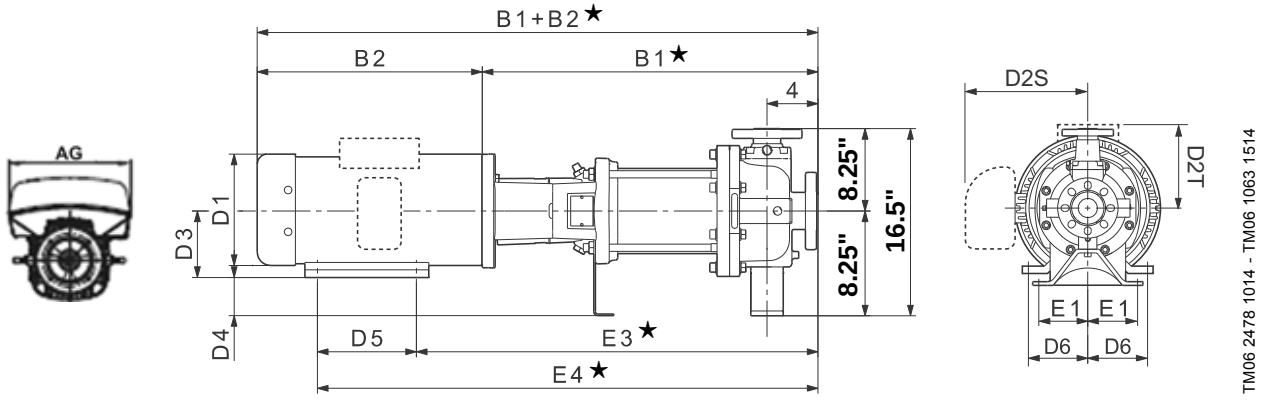
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	27.38	42.88	3.00	31.88	37.38	10.25	7.63	-	5.25	0	5.50	4.25	301	-	-	-	-	-	-	-	-
		3	27.38	42.88	3.00	31.88	37.38	8.63	5.25	-	5.25	0	5.50	4.25	280	-	-	-	7.53	7.91	11.46	41.75	271
CR(N)(E) 45-1 H	10	1	27.38	43.38	3.00	31.88	38.88	10.25	10.25	-	5.25	0	7.00	4.25	356	-	-	-	-	-	-	-	-
		3	27.38	42.50	3.00	31.88	38.88	10.25	6.25	-	5.25	0	7.00	4.25	304	-	-	-	10.04	9.33	13.62	42.69	273
CR(N)(E) 45-2-2 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N) 45-2-1 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N)(E) 45-2 H	15	3	30.00	48.50	3.00	35.00	43.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	389	10.63	8.00	48.13	10.04	9.33	13.62	45.98	343
CR(N)(E) 45-3-2 H	20	3	33.13	51.63	3.00	38.13	48.13	12.38	8.00	-	6.25	-1.00	10.00	5.00	410	11.50	9.00	51.13	13.39	12.13	16.54	51.91	520
CR(N) 45-3-1 H	25	3	33.13	55.50	3.00	38.13	47.63	12.38	8.00	-	7.00	-1.75	9.50	5.50	438	11.50	11.38	52.25	13.39	12.13	16.54	55.85	551
CR(N)(E) 45-3 H	25	3	33.13	55.50	3.00	38.13	47.63	12.38	8.00	-	7.00	-1.75	9.50	5.50	440	11.50	11.38	52.25	13.39	12.13	16.54	55.85	553
CR(N)(E) 45-4-2 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N) 45-4-1 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N)(E) 45-4 H	30	3	36.25	58.63	3.00	41.25	52.25	12.38	8.00	-	7.00	-1.75	11.00	5.50	542	11.50	11.38	56.88	13.39	12.13	16.54	58.97	657
CR(N) 45-5-2 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-5-1 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-5 H	40	3	39.50	62.63	3.00	44.50	55.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	802	13.25	12.25	60.63	-	-	-	-	-
CR(N) 45-6-2 H	50	3	42.63	68.00	3.00	48.13	60.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	870	13.25	12.25	64.75	-	-	-	-	-
CR(N) 45-6 H	50	3	42.63	68.00	3.00	48.13	60.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	870	13.25	12.25	64.75	-	-	-	-	-
CR(N) 45-7-2 H	50	3	45.75	71.13	3.00	51.25	63.25	16.88	-	14.50	8.00	-2.75	12.00	6.25	888	13.25	12.25	67.88	-	-	-	-	-
CR(N) 45-7 H	60	3	45.75	73.13	3.00	51.88	64.13	16.88	-	14.63	9.00	-3.75	12.25	7.00	1164	15.13	13.25	69.75	-	-	-	-	-
CR(N) 45-8-1 H	60	3	48.88	76.25	3.00	55.00	67.25	16.88	-	14.63	9.00	-3.75	12.25	7.00	1173	15.13	13.25	73.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.16 inches for **CRN-H** dimensions.

Dimensions and weights G10 (3" x 2" x 6")



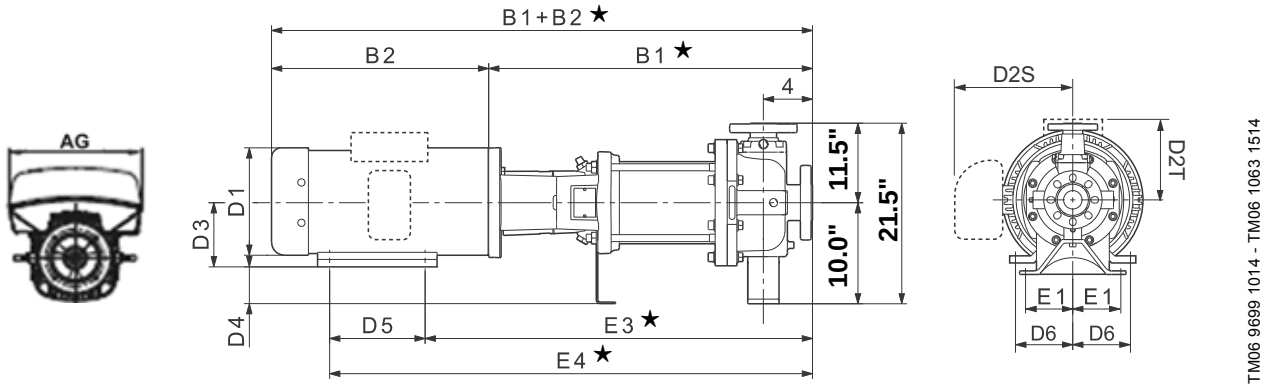
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	3.00	5.50	4.25	389	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	3.00	5.50	4.25	368	-	-	-	7.53	7.91	11.46	40.50	359
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	3.00	7.00	4.25	444	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	3.00	7.00	4.25	392	-	-	-	10.04	9.33	13.62	41.44	361
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	479	10.63	8.00	46.88	10.04	9.33	13.62	44.73	434
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	479	10.63	8.00	46.88	10.04	9.33	13.62	44.73	434
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	479	10.63	8.00	46.88	10.04	9.33	13.62	44.73	434
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	2.00	10.00	5.00	500	11.50	9.00	49.88	13.39	12.13	16.54	50.66	610
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	528	11.50	11.38	51.00	13.39	12.13	16.54	54.60	641
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	528	11.50	11.38	51.00	13.39	12.13	16.54	54.60	641
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	965	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	965	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	0.25	12.00	6.25	982	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	-0.75	12.25	7.00	1256	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1265	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights sketches G30 (3" x 2" x 13")



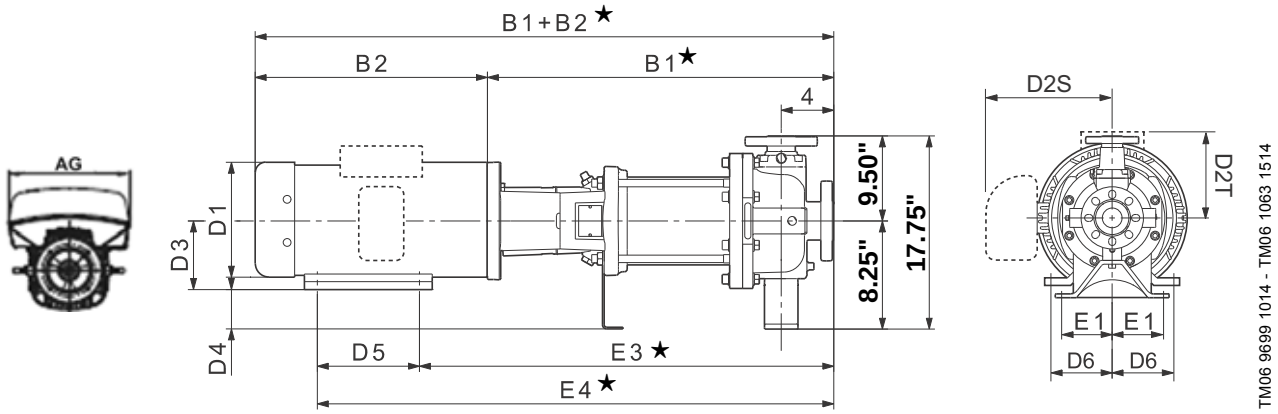
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	4.75	5.50	4.25	470	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	4.75	5.50	4.25	450	-	-	-	7.53	7.91	11.46	40.50	440
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	4.75	7.00	4.25	525	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	4.75	7.00	4.25	473	-	-	-	10.04	9.33	13.62	41.44	442
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	560	10.63	8.00	46.88	10.04	9.33	13.62	44.73	515
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	560	10.63	8.00	46.88	10.04	9.33	13.62	44.73	515
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	3.75	8.25	5.00	560	10.63	8.00	46.88	10.04	9.33	13.62	44.73	515
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	3.75	10.00	5.00	561	11.50	9.00	49.88	13.39	12.13	16.54	50.66	672
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	3.00	9.50	5.50	590	11.50	11.38	51.00	13.39	12.13	16.54	54.60	703
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	3.00	9.50	5.50	590	11.50	11.38	51.00	13.39	12.13	16.54	54.60	703
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	3.00	11.00	5.50	623	11.50	11.38	55.63	13.39	12.13	16.54	57.72	738
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	2.00	12.00	6.25	956	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	2.00	12.00	6.25	956	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	2.00	12.00	6.25	974	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	1.00	12.25	7.00	1248	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	1.00	12.25	7.00	1259	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G60 (3" x 2" x 8", 3" x 2" x 10")



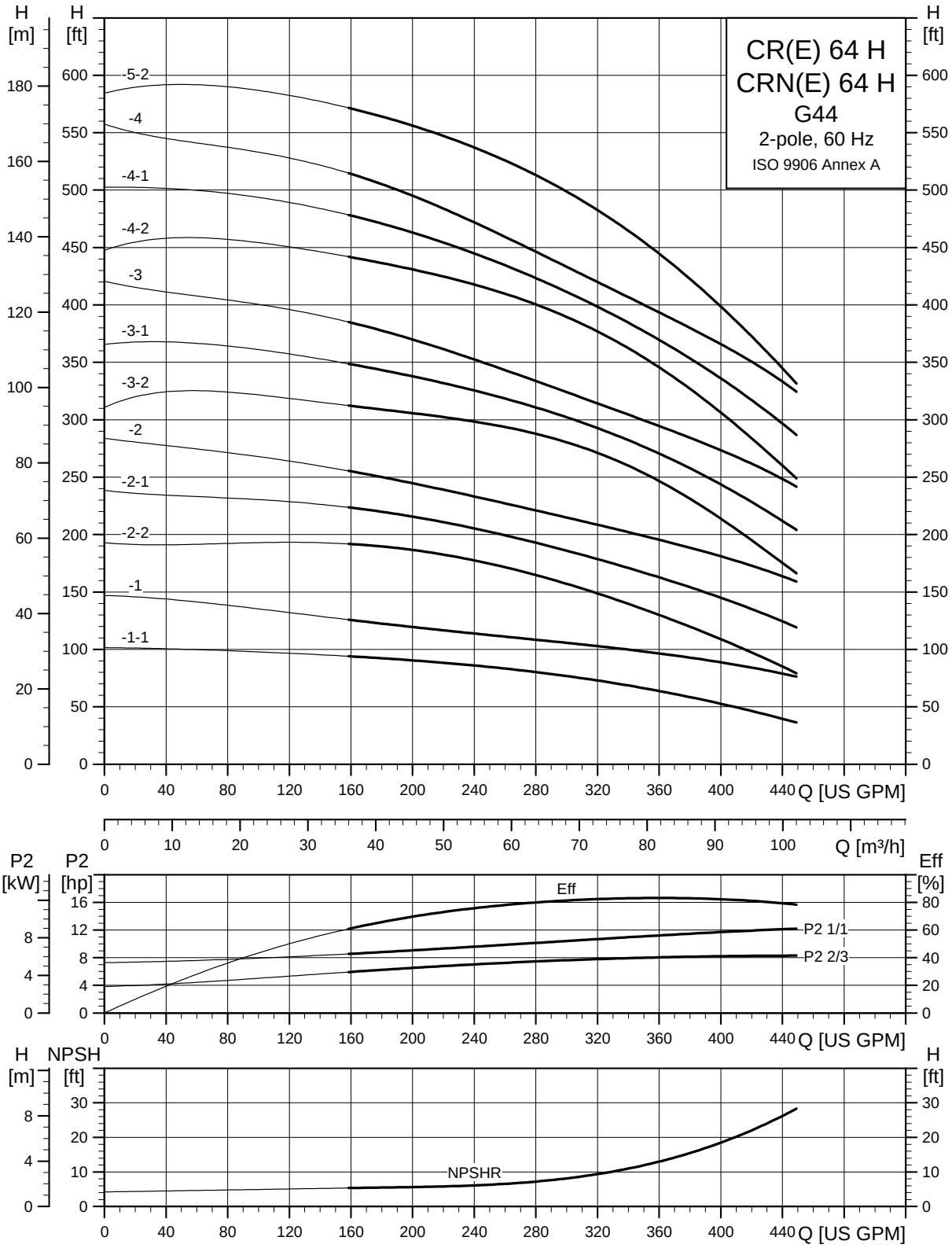
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 45-1-1 H	7 1/2	1	26.13	41.63	4.88	30.63	36.13	10.25	7.63	-	5.25	3.00	5.50	4.25	450	-	-	-	-	-	-	-	-
		3	26.13	41.63	4.88	30.63	36.13	8.63	5.25	-	5.25	3.00	5.50	4.25	430	-	-	-	7.53	7.91	11.46	40.50	420
CR(N)(E) 45-1 H	10	1	26.13	42.13	4.88	30.63	37.63	10.25	10.25	-	5.25	3.00	7.00	4.25	505	-	-	-	-	-	-	-	-
		3	26.13	41.25	4.88	30.63	37.63	10.25	6.25	-	5.25	3.00	7.00	4.25	453	-	-	-	10.04	9.33	13.62	41.44	423
CR(N)(E) 45-2-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	540	10.63	8.00	46.88	10.04	9.33	13.62	44.73	495
CR(N) 45-2-1 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	540	10.63	8.00	46.88	10.04	9.33	13.62	44.73	495
CR(N)(E) 45-2 H	15	3	28.75	47.25	4.88	33.75	42.00	12.38	8.00	-	6.25	2.00	8.25	5.00	540	10.63	8.00	46.88	10.04	9.33	13.62	44.73	495
CR(N)(E) 45-3-2 H	20	3	31.88	50.38	4.88	36.88	46.88	12.38	8.00	-	6.25	2.00	10.00	5.00	542	11.50	9.00	49.88	13.39	12.13	16.54	50.66	652
CR(N) 45-3-1 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	570	11.50	11.38	51.00	13.39	12.13	16.54	54.60	683
CR(N)(E) 45-3 H	25	3	31.88	54.25	4.88	36.88	46.38	12.38	8.00	-	7.00	1.25	9.50	5.50	570	11.50	11.38	51.00	13.39	12.13	16.54	54.60	683
CR(N)(E) 45-4-2 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N) 45-4-1 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N)(E) 45-4 H	30	3	35.00	57.38	4.88	40.00	51.00	12.38	8.00	-	7.00	1.25	11.00	5.50	632	11.50	11.38	55.63	13.39	12.13	16.54	57.72	747
CR(N) 45-5-2 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5-1 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-5 H	40	3	38.13	61.38	4.88	43.13	54.13	15.00	-	13.13	7.00	1.25	11.00	5.50	894	13.25	12.25	59.38	-	-	-	-	-
CR(N) 45-6-2 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	965	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-6 H	50	3	41.38	66.75	4.88	46.88	58.88	16.88	-	14.50	8.00	0.25	12.00	6.25	965	13.25	12.25	63.50	-	-	-	-	-
CR(N) 45-7-2 H	50	3	44.50	69.88	4.88	50.00	62.00	16.88	-	14.50	8.00	0.25	12.00	6.25	982	13.25	12.25	66.63	-	-	-	-	-
CR(N) 45-7 H	60	3	44.50	71.88	4.88	50.63	62.88	16.88	-	14.63	9.00	-0.75	12.25	7.00	1256	15.13	13.25	68.50	-	-	-	-	-
CR(N) 45-8-1 H	60	3	47.63	75.00	4.88	53.75	66.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1265	15.13	13.25	71.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

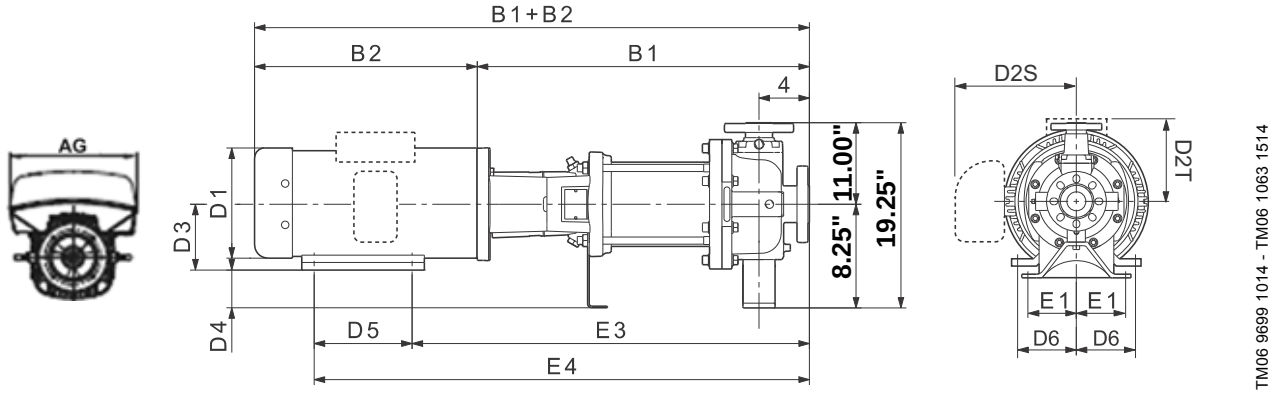
* Dimensions shown for three-phase MLE motors are for 460 V versions. See page 19 for 200-240 V, three-phase dimensions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRE, CRN, CRNE 64 H G44



Dimensions and weights G44 (4" x 4")

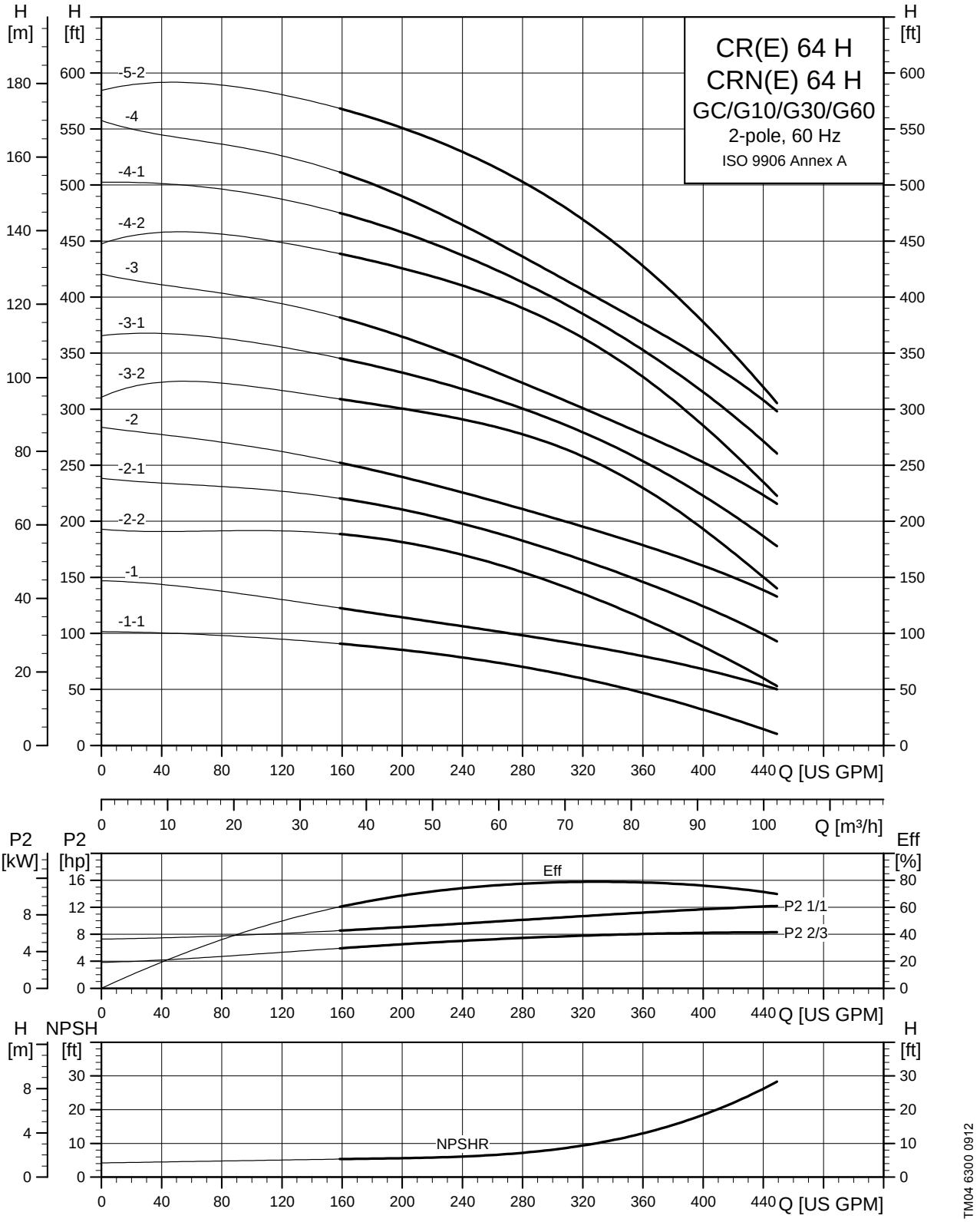


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N)(E) 64-1-1 H	10	1	27.38	43.38	4.88	31.88	38.88	10.25	10.25	-	5.25	3.00	7.00	4.25	523	-	-	-	-	-	-	-	
		3	27.38	42.50	4.88	31.88	38.88	10.25	6.25	-	5.25	3.00	7.00	4.25	492	-	-	-	10.04	9.33	13.62	42.69	440
CR(N)(E) 64-1 H	15	3	26.88	45.38	4.88	31.88	40.13	12.38	8.00	-	6.25	2.00	8.25	5.00	600	10.63	8.00	45.00	10.04	9.33	13.62	42.86	504
CR(N) 64-2-2 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	2.00	10.00	5.00	622	11.50	9.00	48.00	13.39	12.13	16.54	48.91	663
CR(N)(E) 64-2-1 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	2.00	10.00	5.00	622	11.50	9.00	48.00	13.39	12.13	16.54	48.91	663
CR(N)(E) 64-2 H	25	3	30.13	52.50	4.88	35.13	44.63	12.38	8.00	-	7.00	1.25	9.50	5.50	642	11.50	11.38	49.13	13.39	12.13	16.54	52.85	694
CR(N)(E) 64-3-2 H	30	3	33.38	55.75	4.88	38.38	49.38	12.38	8.00	-	7.00	1.25	11.00	5.50	748	11.50	11.38	53.88	13.39	12.13	16.54	56.10	734
CR(N) 64-3-1 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	1.25	11.00	5.50	870	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-3 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	1.25	11.00	5.50	870	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-4-2 H	40	3	36.63	59.75	4.88	41.63	52.63	15.00	-	13.13	7.00	1.25	11.00	5.50	934	13.25	12.25	57.75	-	-	-	-	-
CR(N) 64-4-1 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	0.25	12.00	6.25	974	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-4 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	0.25	12.00	6.25	974	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-5-2 H	60	3	39.88	67.25	4.88	46.00	58.25	16.88	-	14.63	9.00	-0.75	12.25	7.00	1265	15.13	13.25	63.88	-	-	-	-	-

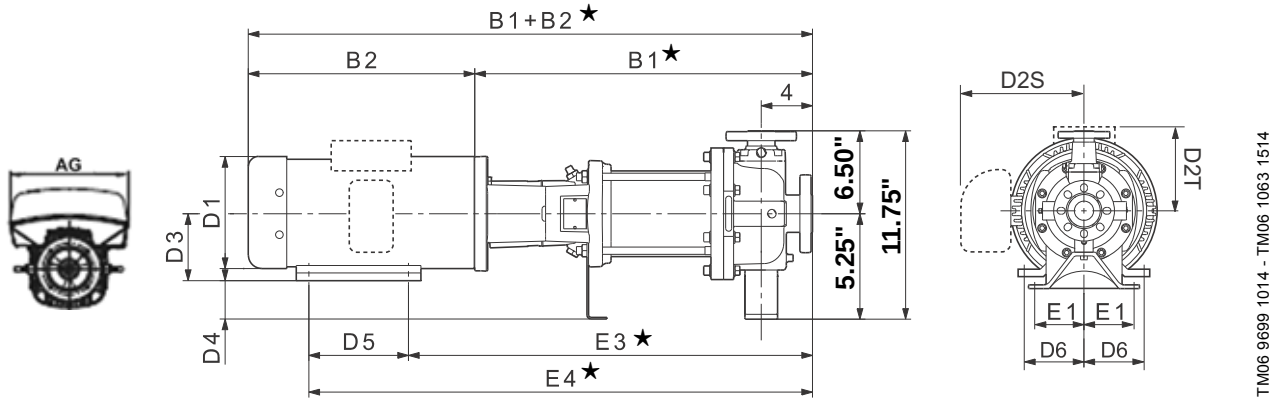
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

CR, CRE, CRN, CRNE 64 H GC/G10/G30/G60



Dimensions and weights GC (3" x 2" x 6")



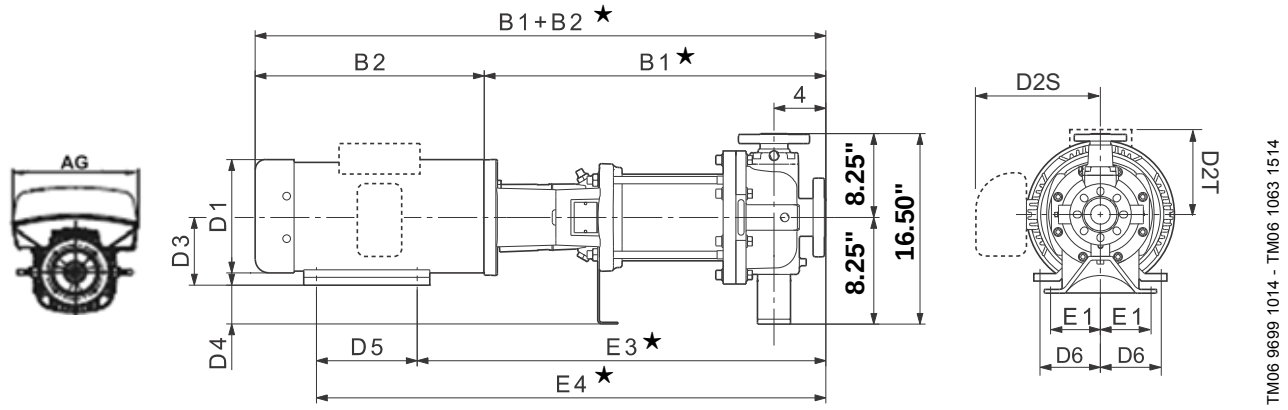
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 64-1-1 H	10	1	27.50	43.50	3.00	32.00	39.00	10.25	10.25	-	5.25	0.00	7.00	4.25	358	-	-	-	-	-	-	-	-
		3	27.50	42.63	3.00	32.00	39.00	10.25	6.25	-	5.25	0.00	7.00	4.25	327	-	-	-	10.04	9.33	13.62	42.81	275
CR(N)(E) 64-1 H	15	3	27.00	45.50	3.00	32.00	40.25	12.38	8.00	-	6.25	-1.00	8.25	5.00	435	10.63	8.00	45.13	10.04	9.33	13.62	42.98	339
CR(N) 64-2-2 H	20	3	30.25	48.75	3.00	35.25	45.25	12.38	8.00	-	6.25	-1.00	10.00	5.00	474	11.50	9.00	48.13	13.39	12.13	16.54	49.03	515
CR(N)(E) 64-2-1 H	20	3	30.25	48.75	3.00	35.25	45.25	12.38	8.00	-	6.25	-1.00	10.00	5.00	474	11.50	9.00	48.13	13.39	12.13	16.54	49.03	515
CR(N)(E) 64-2 H	25	3	30.25	52.63	3.00	35.25	44.75	12.38	8.00	-	7.00	-1.75	9.50	5.50	494	11.50	11.38	49.25	13.39	12.13	16.54	52.97	546
CR(N)(E) 64-3-2 H	30	3	33.50	55.88	3.00	38.50	49.50	12.38	8.00	-	7.00	-1.75	11.00	5.50	598	11.50	11.38	54.00	13.39	12.13	16.54	56.22	584
CR(N) 64-3-1 H	40	3	33.50	56.63	3.00	38.50	49.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	720	13.25	12.25	54.63	-	-	-	-	-
CR(N) 64-3 H	40	3	33.50	56.63	3.00	38.50	49.50	15.00	-	13.13	7.00	-1.75	11.00	5.50	720	13.25	12.25	54.63	-	-	-	-	-
CR(N) 64-4-2 H	40	3	36.63	59.88	3.00	41.63	52.63	15.00	-	13.13	7.00	-1.75	11.00	5.50	815	13.25	12.25	57.88	-	-	-	-	-
CR(N) 64-4-1 H	50	3	36.63	62.13	3.00	42.13	54.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	855	13.25	12.25	58.88	-	-	-	-	-
CR(N) 64-4 H	50	3	36.63	62.13	3.00	42.13	54.13	16.88	-	14.50	8.00	-2.75	12.00	6.25	855	13.25	12.25	58.88	-	-	-	-	-
CR(N) 64-5-2 H	60	3	39.88	67.38	3.00	46.00	58.25	16.88	-	14.63	9.00	-3.75	12.25	7.00	1138	15.13	13.25	64.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.16 inches for **CRN-H** dimensions.

Dimensions and weights G10 (3" x 2" x 6")



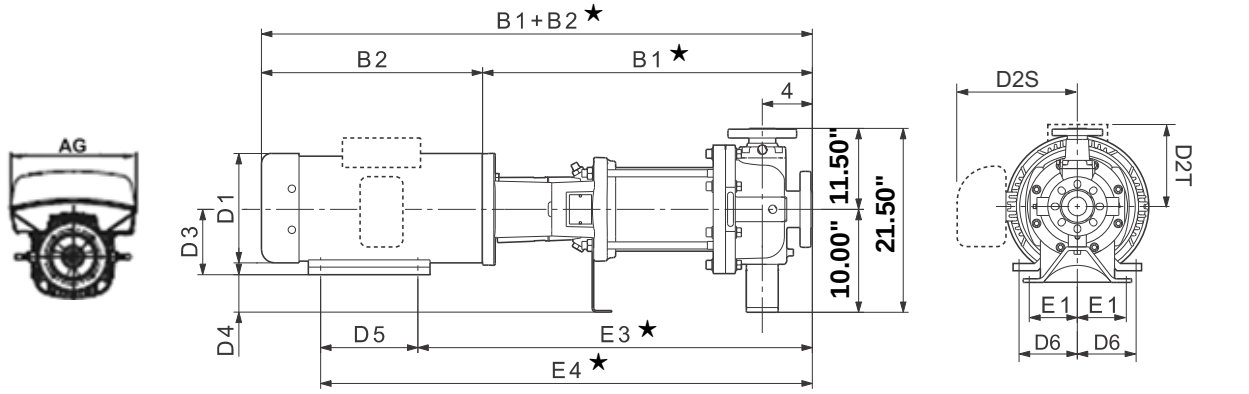
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 64-1-1 H	10	1	26.25	42.25	4.88	30.75	37.75	10.25	10.25	-	5.25	3.00	7.00	4.25	448	-	-	-	-	-	-	-	-
		3	26.25	41.38	4.88	30.75	37.75	10.25	6.25	-	5.25	3.00	7.00	4.25	417	-	-	-	10.04	9.33	13.62	41.56	365
CR(N)(E) 64-1 H	15	3	25.63	44.25	4.88	30.63	38.88	12.38	8.00	-	6.25	2.00	8.25	5.00	525	10.63	8.00	43.88	10.04	9.33	13.62	41.61	429
CR(N) 64-2-2 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	565	11.50	9.00	46.88	13.39	12.13	16.54	47.66	606
CR(N)(E) 64-2-1 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	565	11.50	9.00	46.88	13.39	12.13	16.54	47.66	606
CR(N)(E) 64-2 H	25	3	28.88	51.25	4.88	33.88	43.38	12.38	8.00	-	7.00	1.25	9.50	5.50	585	11.50	11.38	48.00	13.39	12.13	16.54	51.60	637
CR(N)(E) 64-3-2 H	30	3	32.13	54.50	4.88	37.13	48.13	12.38	8.00	-	7.00	1.25	11.00	5.50	688	11.50	11.38	52.75	13.39	12.13	16.54	54.85	674
CR(N) 64-3-1 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	810	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-3 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	810	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-4-2 H	40	3	35.38	58.63	4.88	40.38	51.38	15.00	-	13.13	7.00	1.25	11.00	5.50	907	13.25	12.25	56.63	-	-	-	-	-
CR(N) 64-4-1 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	947	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-4 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	947	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-5-2 H	60	3	38.63	66.13	4.88	44.75	57.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1232	15.13	13.25	62.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G30 (3" x 2" x 13")



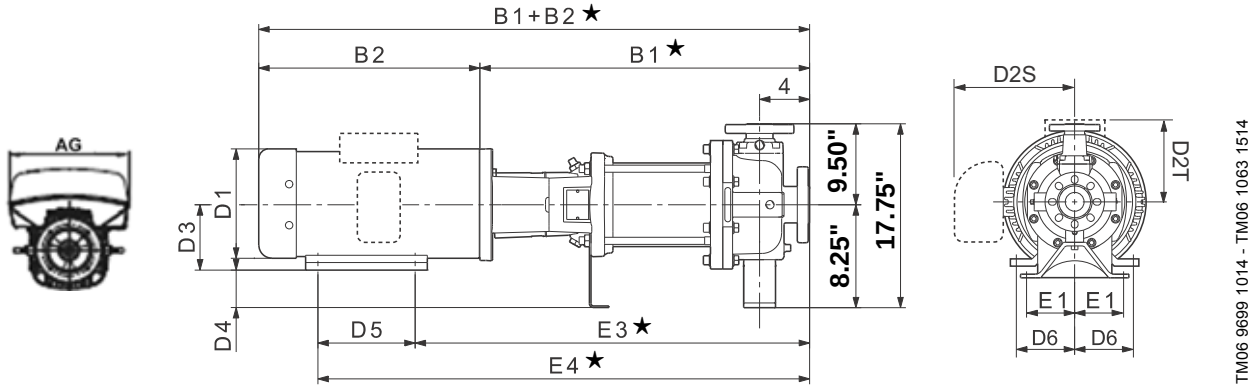
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 64-1-1 H	10	1	26.25	42.25	4.88	30.75	37.75	10.25	10.25	-	5.25	4.75	7.00	4.25	527	-	-	-	-	-	-	-	-
		3	26.25	41.38	4.88	30.75	37.75	10.25	6.25	-	5.25	4.75	7.00	4.25	496	-	-	-	10.04	9.33	13.62	41.56	445
CR(N)(E) 64-1 H	15	3	25.63	44.25	4.88	30.63	38.88	12.38	8.00	-	6.25	3.75	8.25	5.00	604	10.63	8.00	43.88	10.04	9.33	13.62	41.61	508
CR(N) 64-2-2 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	3.75	10.00	5.00	626	11.50	9.00	46.88	13.39	12.13	16.54	47.66	667
CR(N)(E) 64-2-1 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	3.75	10.00	5.00	626	11.50	9.00	46.88	13.39	12.13	16.54	47.66	667
CR(N)(E) 64-2 H	25	3	28.88	51.25	4.88	33.88	43.38	12.38	8.00	-	7.00	3.00	9.50	5.50	646	11.50	11.38	48.00	13.39	12.13	16.54	51.60	698
CR(N)(E) 64-3-2 H	30	3	32.13	54.50	4.88	37.13	48.13	12.38	8.00	-	7.00	3.00	11.00	5.50	750	11.50	11.38	52.75	13.39	12.13	16.54	54.85	736
CR(N) 64-3-1 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	3.00	11.00	5.50	872	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-3 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	3.00	11.00	5.50	872	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-4-2 H	40	3	35.38	58.63	4.88	40.38	51.38	15.00	-	13.13	7.00	3.00	11.00	5.50	901	13.25	12.25	56.63	-	-	-	-	-
CR(N) 64-4-1 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	2.00	12.00	6.25	941	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-4 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	2.00	12.00	6.25	941	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-5-2 H	60	3	38.63	66.13	4.88	44.75	57.00	16.88	-	14.63	9.00	1.00	12.25	7.00	1223	15.13	13.25	62.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G60 (3" x 2" x 8", 3" x 2" x 10")



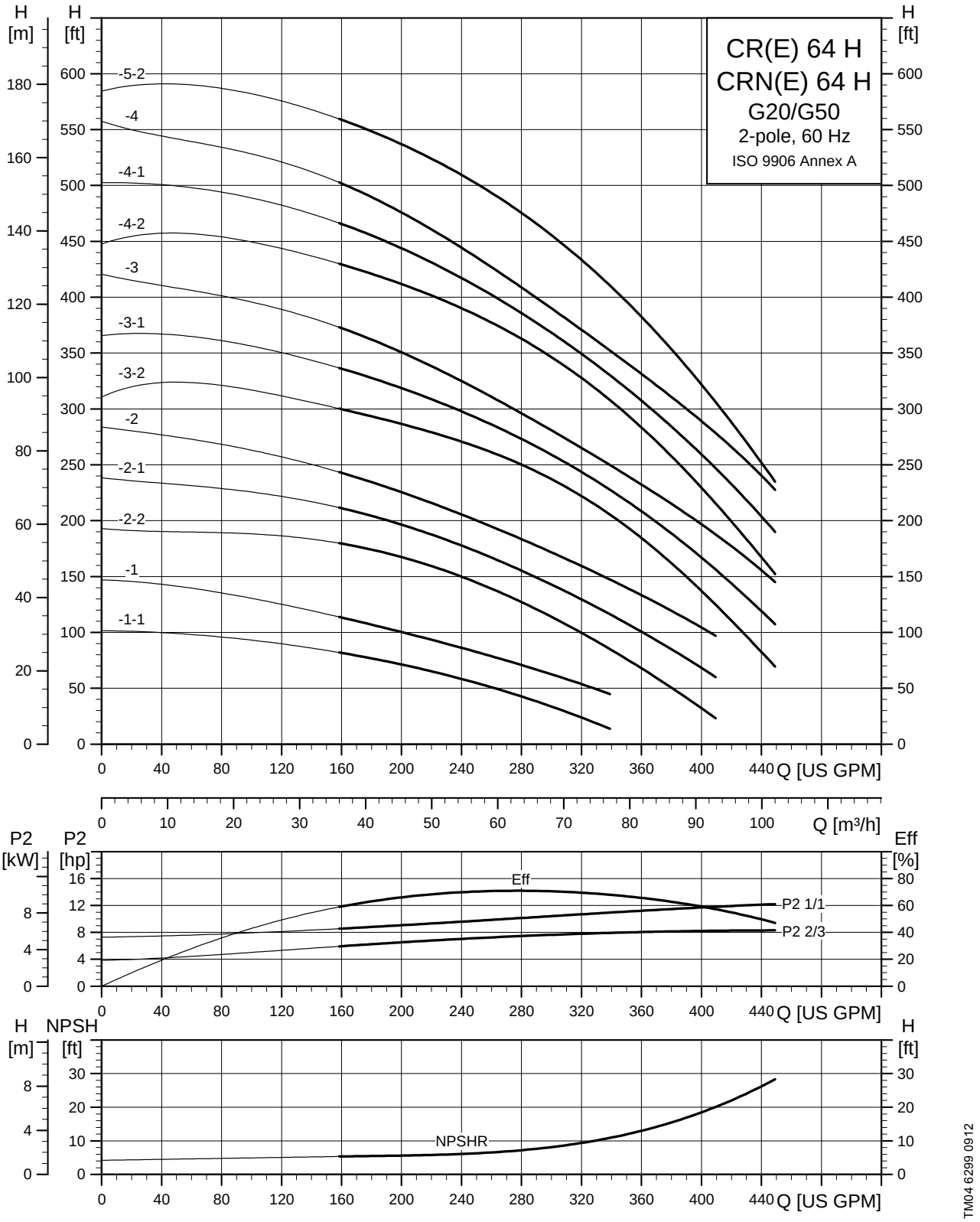
Pump type	HP	PH	Dimensions [in] TEFC													Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+B2 ★	D1	D2	AG	B1+B2 ★	
CR(N)(E) 64-1-1 H	10	1	26.25	42.25	4.88	30.75	37.75	10.25	10.25	-	5.25	3.00	7.00	4.25	510	-	-	-	-	-	-	-	-
		3	26.25	41.38	4.88	30.75	37.75	10.25	6.25	-	5.25	3.00	7.00	4.25	479	-	-	-	10.04	9.33	13.62	41.56	427
CR(N)(E) 64-1 H	15	3	25.63	44.25	4.88	30.63	38.88	12.38	8.00	-	6.25	2.00	8.25	5.00	587	10.63	8.00	43.88	10.04	9.33	13.62	41.61	491
CR(N) 64-2-2 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	606	11.50	9.00	46.88	13.39	12.13	16.54	47.66	647
CR(N)(E) 64-2-1 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	606	11.50	9.00	46.88	13.39	12.13	16.54	47.66	647
CR(N)(E) 64-2 H	25	3	28.88	51.25	4.88	33.88	43.38	12.38	8.00	-	7.00	1.25	9.50	5.50	626	11.50	11.38	48.00	13.39	12.13	16.54	51.60	678
CR(N)(E) 64-3-2 H	30	3	32.13	54.50	4.88	37.13	48.13	12.38	8.00	-	7.00	1.25	11.00	5.50	732	11.50	11.38	52.75	13.39	12.13	16.54	54.85	718
CR(N) 64-3-1 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	854	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-3 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	854	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-4-2 H	40	3	35.38	58.63	4.88	40.38	51.38	15.00	-	13.13	7.00	1.25	11.00	5.50	909	13.25	12.25	56.63	-	-	-	-	-
CR(N) 64-4-1 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	949	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-4 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	949	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-5-2 H	60	3	38.63	66.13	4.88	44.75	57.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1232	15.13	13.25	62.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

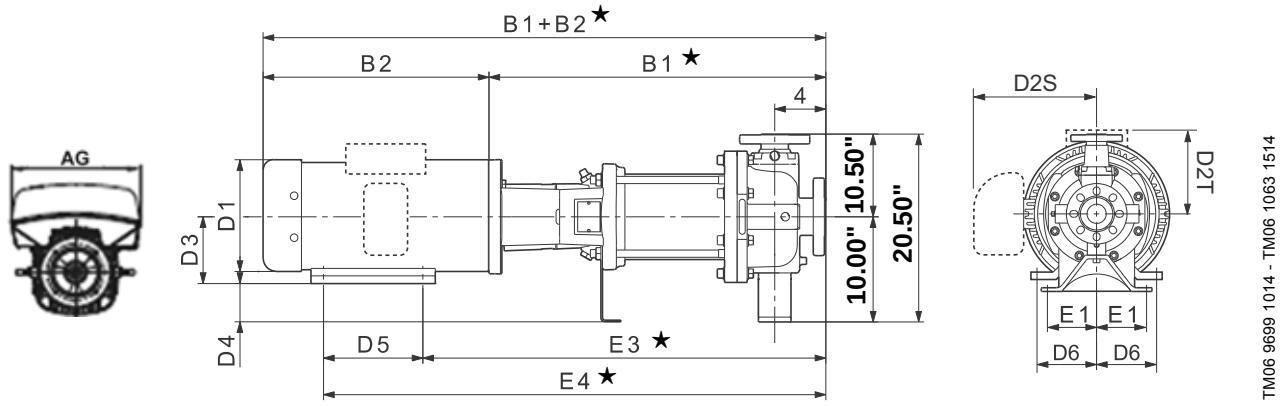
* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRE, CRN, CRNE 64 H G20/G50



Dimensions and weights G20 (3" x 1.5" x 13")



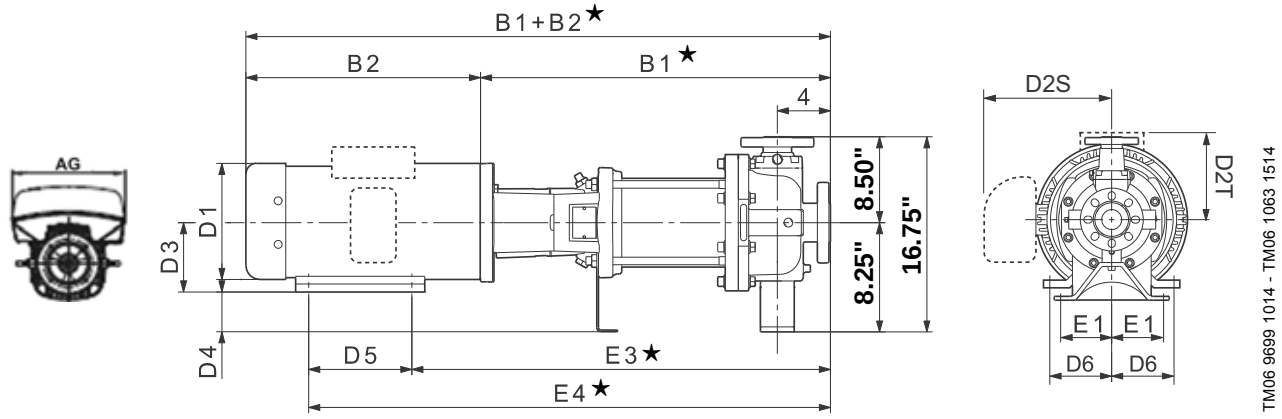
Pump type	HP	PH	Dimensions [in] TEFC													Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 64-1-1 H	10	1	26.25	42.25	4.88	30.75	37.75	10.25	10.25	-	5.25	4.75	7.00	4.25	499	-	-	-	-	-	-	-	-
		3	26.25	41.38	4.88	30.75	37.75	10.25	6.25	-	5.25	4.75	7.00	4.25	468	-	-	-	10.04	9.33	13.62	41.56	416
CR(N)(E) 64-1 H	15	3	25.63	44.25	4.88	30.63	38.88	12.38	8.00	-	6.25	3.75	8.25	5.00	576	10.63	8.00	43.88	10.04	9.33	13.62	41.61	480
CR(N) 64-2-2 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	3.75	10.00	5.00	598	11.50	9.00	46.88	13.39	12.13	16.54	47.66	639
CR(N)(E) 64-2-1 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	3.75	10.00	5.00	598	11.50	9.00	46.88	13.39	12.13	16.54	47.66	639
CR(N)(E) 64-2 H	25	3	28.88	51.25	4.88	33.88	43.38	12.38	8.00	-	7.00	3.00	9.50	5.50	618	11.50	11.38	48.00	13.39	12.13	16.54	51.60	670
CR(N)(E) 64-3-2 H	30	3	32.13	54.50	4.88	37.13	48.13	12.38	8.00	-	7.00	3.00	11.00	5.50	724	11.50	11.38	52.75	13.39	12.13	16.54	54.85	710
CR(N) 64-3-1 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	3.00	11.00	5.50	846	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-3 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	3.00	11.00	5.50	846	13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-4-2 H	40	3	35.38	58.63	4.88	40.38	51.38	15.00	-	13.13	7.00	3.00	11.00	5.50	901	13.25	12.25	56.63	-	-	-	-	-
CR(N) 64-4-1 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	2.00	12.00	6.25	941	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-4 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	2.00	12.00	6.25	941	13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-5-2 H	60	3	38.63	66.13	4.88	44.75	57.00	16.88	-	14.63	9.00	1.00	12.25	7.00	1226	15.13	13.25	62.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G50 (3" x 1.5" x 8", 3" x 1.5" x 10")



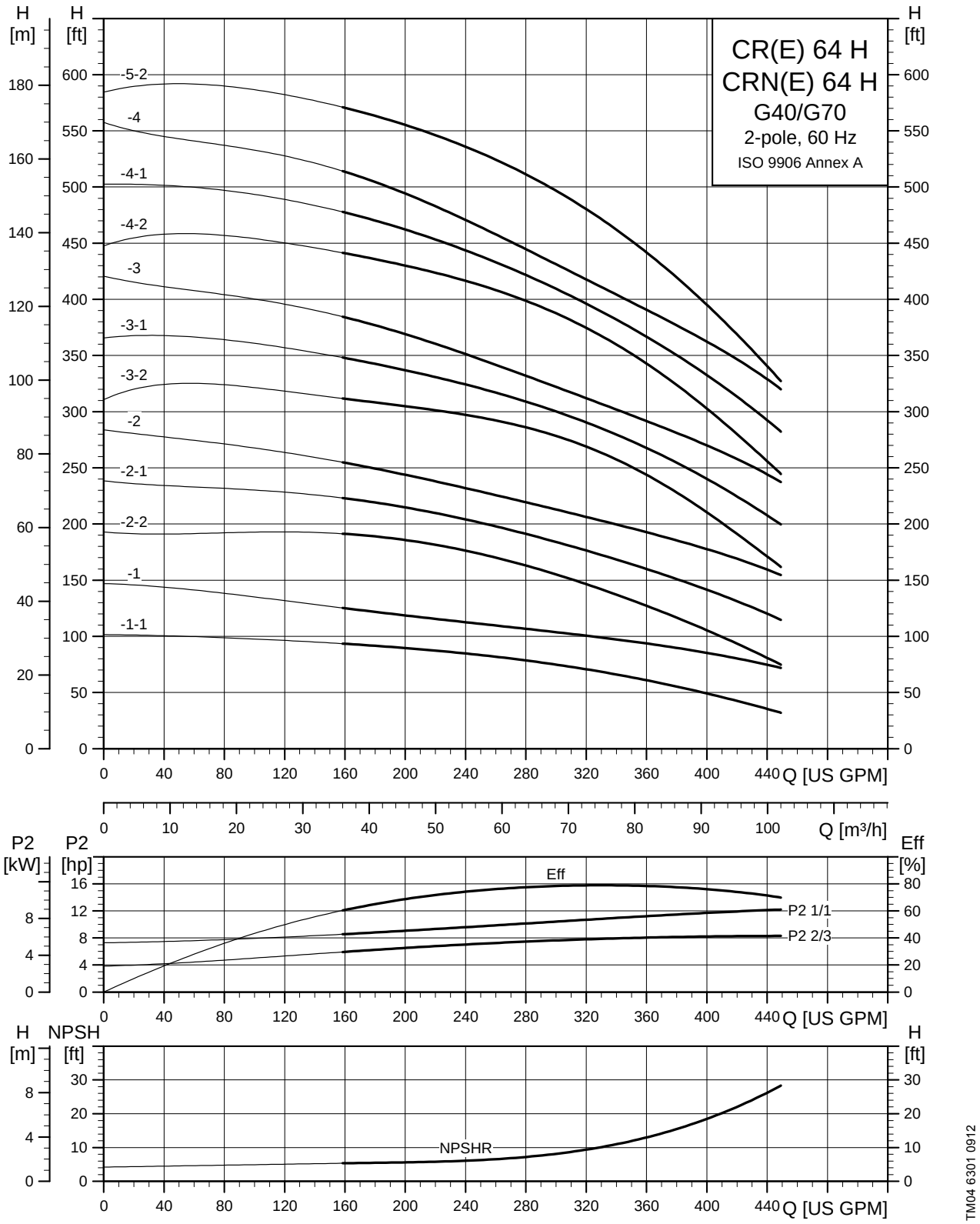
Pump type	HP	PH	Dimensions [in] TEFC													Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6			D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N)(E) 64-1-1 H	10	1	26.25	42.25	4.88	30.75	37.75	10.25	10.25	-	5.25	3.00	7.00	4.25	505		-	-	-	-	-	-	-	-
		3	26.25	41.38	4.88	30.75	37.75	10.25	6.25	-	5.25	3.00	7.00	4.25	474		-	-	-	10.04	9.33	13.62	41.56	423
CR(N)(E) 64-1 H	15	3	25.63	44.25	4.88	30.63	38.88	12.38	8.00	-	6.25	2.00	8.25	5.00	582		10.63	8.00	43.88	10.04	9.33	13.62	41.61	486
CR(N) 64-2-2 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	606		11.50	9.00	46.88	13.39	12.13	16.54	47.66	647
CR(N)(E) 64-2-1 H	20	3	28.88	47.50	4.88	33.88	43.88	12.38	8.00	-	6.25	2.00	10.00	5.00	606		11.50	9.00	46.88	13.39	12.13	16.54	47.66	647
CR(N)(E) 64-2 H	25	3	28.88	51.25	4.88	33.88	43.38	12.38	8.00	-	7.00	1.25	9.50	5.50	626		11.50	11.38	48.00	13.39	12.13	16.54	51.60	678
CR(N)(E) 64-3-2 H	30	3	32.13	54.50	4.88	37.13	48.13	12.38	8.00	-	7.00	1.25	11.00	5.50	728		11.50	11.38	52.75	13.39	12.13	16.54	54.85	714
CR(N) 64-3-1 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	850		13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-3 H	40	3	32.13	55.38	4.88	37.13	48.13	15.00	-	13.13	7.00	1.25	11.00	5.50	850		13.25	12.25	53.38	-	-	-	-	-
CR(N) 64-4-2 H	40	3	35.38	58.63	4.88	40.38	51.38	15.00	-	13.13	7.00	1.25	11.00	5.50	907		13.25	12.25	56.63	-	-	-	-	-
CR(N) 64-4-1 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	947		13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-4 H	50	3	35.38	60.88	4.88	40.88	52.88	16.88	-	14.50	8.00	0.25	12.00	6.25	947		13.25	12.25	57.63	-	-	-	-	-
CR(N) 64-5-2 H	60	3	38.63	66.13	4.88	44.75	57.00	16.88	-	14.63	9.00	-0.75	12.25	7.00	1230		15.13	13.25	62.75	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension.
Weights are based on pump with TEFC motor.

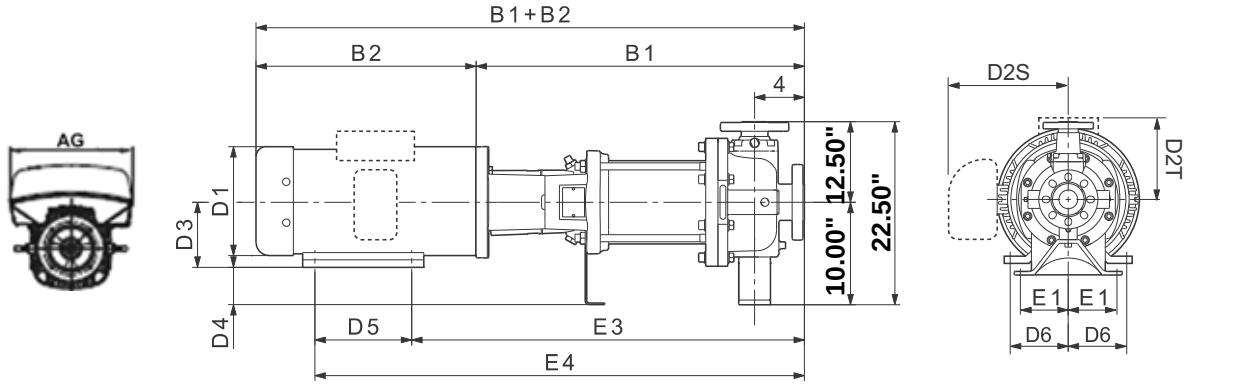
* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRE, CRN, CRNE 64 H G40/G70



Dimensions and weights G40 (4" x 3" x 10", 4" x 3" x 13")

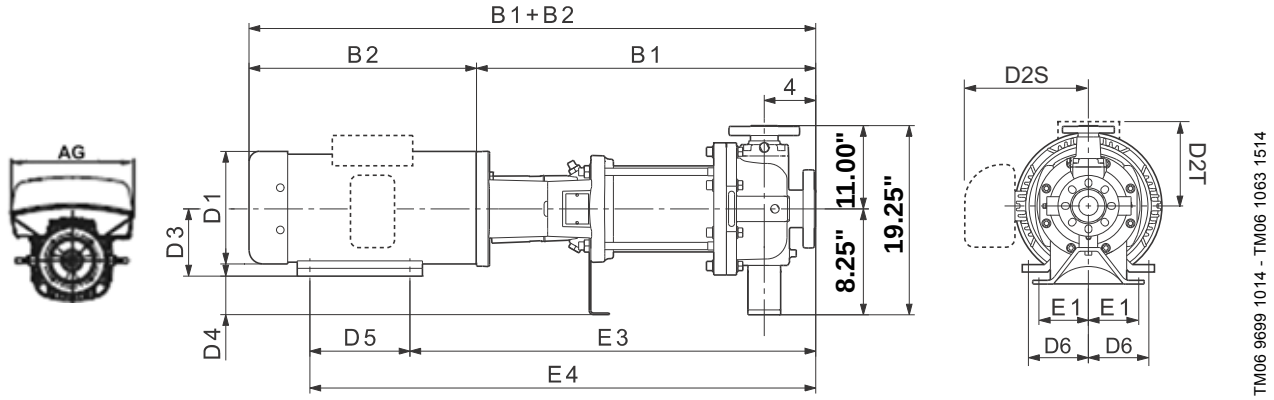


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N)(E) 64-1-1 H	10	1	27.38	43.38	4.88	31.88	38.88	10.25	10.25	-	5.25	4.75	7.00	4.25	565	-	-	-	-	-	-	-	-
		3	27.38	42.50	4.88	31.88	38.88	10.25	6.25	-	5.25	4.75	7.00	4.25	534	-	-	-	10.04	9.33	13.62	42.69	482
CR(N)(E) 64-1 H	15	3	26.88	45.38	4.88	31.88	40.13	12.38	8.00	-	6.25	3.75	8.25	5.00	642	10.63	8.00	45.00	10.04	9.33	13.62	42.86	546
CR(N) 64-2-2 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	3.75	10.00	5.00	661	11.50	9.00	48.00	13.39	12.13	16.54	48.91	702
CR(N)(E) 64-2-1 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	3.75	10.00	5.00	661	11.50	9.00	48.00	13.39	12.13	16.54	48.91	702
CR(N)(E) 64-2 H	25	3	30.13	52.50	4.88	35.13	44.63	12.38	8.00	-	7.00	3.00	9.50	5.50	681	11.50	11.38	49.13	13.39	12.13	16.54	52.85	733
CR(N)(E) 64-3-2 H	30	3	33.38	55.75	4.88	38.38	49.38	12.38	8.00	-	7.00	3.00	11.00	5.50	787	11.50	11.38	53.88	13.39	12.13	16.54	56.10	773
CR(N) 64-3-1 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	3.00	11.00	5.50	909	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-3 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	3.00	11.00	5.50	909	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-4-2 H	40	3	36.63	59.75	4.88	41.63	52.63	15.00	-	13.13	7.00	3.00	11.00	5.50	942	13.25	12.25	57.75	-	-	-	-	-
CR(N) 64-4-1 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	2.00	12.00	6.25	982	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-4 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	2.00	12.00	6.25	982	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-5-2 H	60	3	39.88	67.25	4.88	46.00	58.25	16.88	-	14.63	9.00	1.00	12.25	7.00	1276	15.13	13.25	63.88	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

Dimensions and weights G70 (4" x 3" x 8", 4" x 3" x 10")

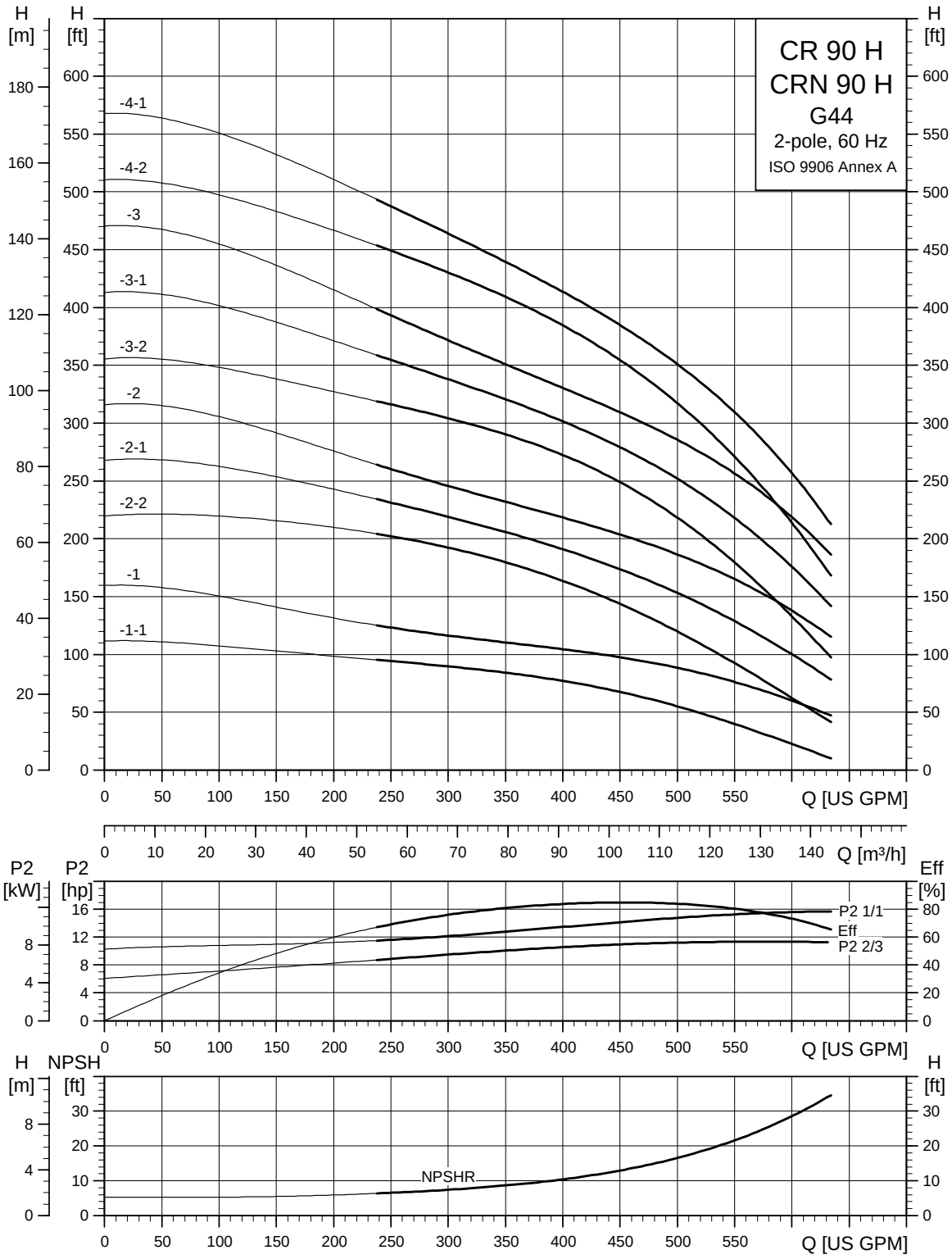


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N)(E) 64-1-1 H	10	1	27.38	43.38	4.88	31.88	38.88	10.25	10.25	-	5.25	3.00	7.00	4.25	536	-	-	-	-	-	-	-	-
		3	27.38	42.50	4.88	31.88	38.88	10.25	6.25	-	5.25	3.00	7.00	4.25	505	-	-	-	10.04	9.33	13.62	42.69	453
CR(N)(E) 64-1 H	15	3	26.88	45.38	4.88	31.88	40.13	12.38	8.00	-	6.25	2.00	8.25	5.00	613	10.63	8.00	45.00	10.04	9.33	13.62	42.86	517
CR(N) 64-2-2 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	2.00	10.00	5.00	635	11.50	9.00	48.00	13.39	12.13	16.54	48.91	676
CR(N)(E) 64-2-1 H	20	3	30.13	48.63	4.88	35.13	45.13	12.38	8.00	-	6.25	2.00	10.00	5.00	635	11.50	9.00	48.00	13.39	12.13	16.54	48.91	676
CR(N)(E) 64-2 H	25	3	30.13	52.50	4.88	35.13	44.63	12.38	8.00	-	7.00	1.25	9.50	5.50	655	11.50	11.38	49.13	13.39	12.13	16.54	52.85	707
CR(N)(E) 64-3-2 H	30	3	33.38	55.75	4.88	38.38	49.38	12.38	8.00	-	7.00	1.25	11.00	5.50	759	11.50	11.38	53.88	13.39	12.13	16.54	56.10	745
CR(N) 64-3-1 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	1.25	11.00	5.50	881	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-3 H	40	3	33.38	56.50	4.88	38.38	49.38	15.00	-	13.13	7.00	1.25	11.00	5.50	881	13.25	12.25	54.50	-	-	-	-	-
CR(N) 64-4-2 H	40	3	36.63	59.75	4.88	41.63	52.63	15.00	-	13.13	7.00	1.25	11.00	5.50	940	13.25	12.25	57.75	-	-	-	-	-
CR(N) 64-4-1 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	0.25	12.00	6.25	980	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-4 H	50	3	36.63	62.00	4.88	42.13	54.13	16.88	-	14.50	8.00	0.25	12.00	6.25	980	13.25	12.25	58.75	-	-	-	-	-
CR(N) 64-5-2 H	60	3	39.88	67.25	4.88	46.00	58.25	16.88	-	14.63	9.00	-0.75	12.25	7.00	1274	15.13	13.25	63.88	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

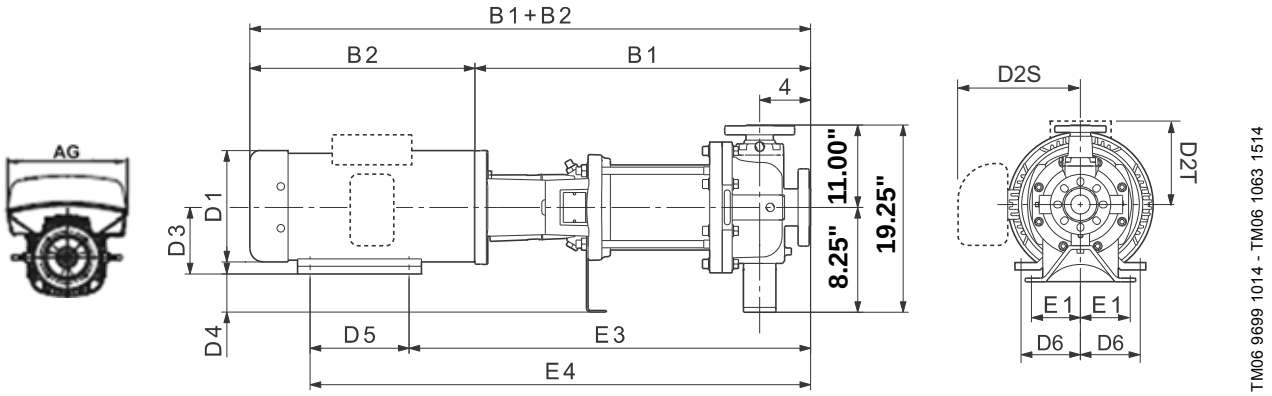
* Dimensions shown for three-phase MLE motors are for 460 V versions.

CR, CRN 90 H G44



TM04 6306 0912

Dimensions and weights G44 (4" x 4")

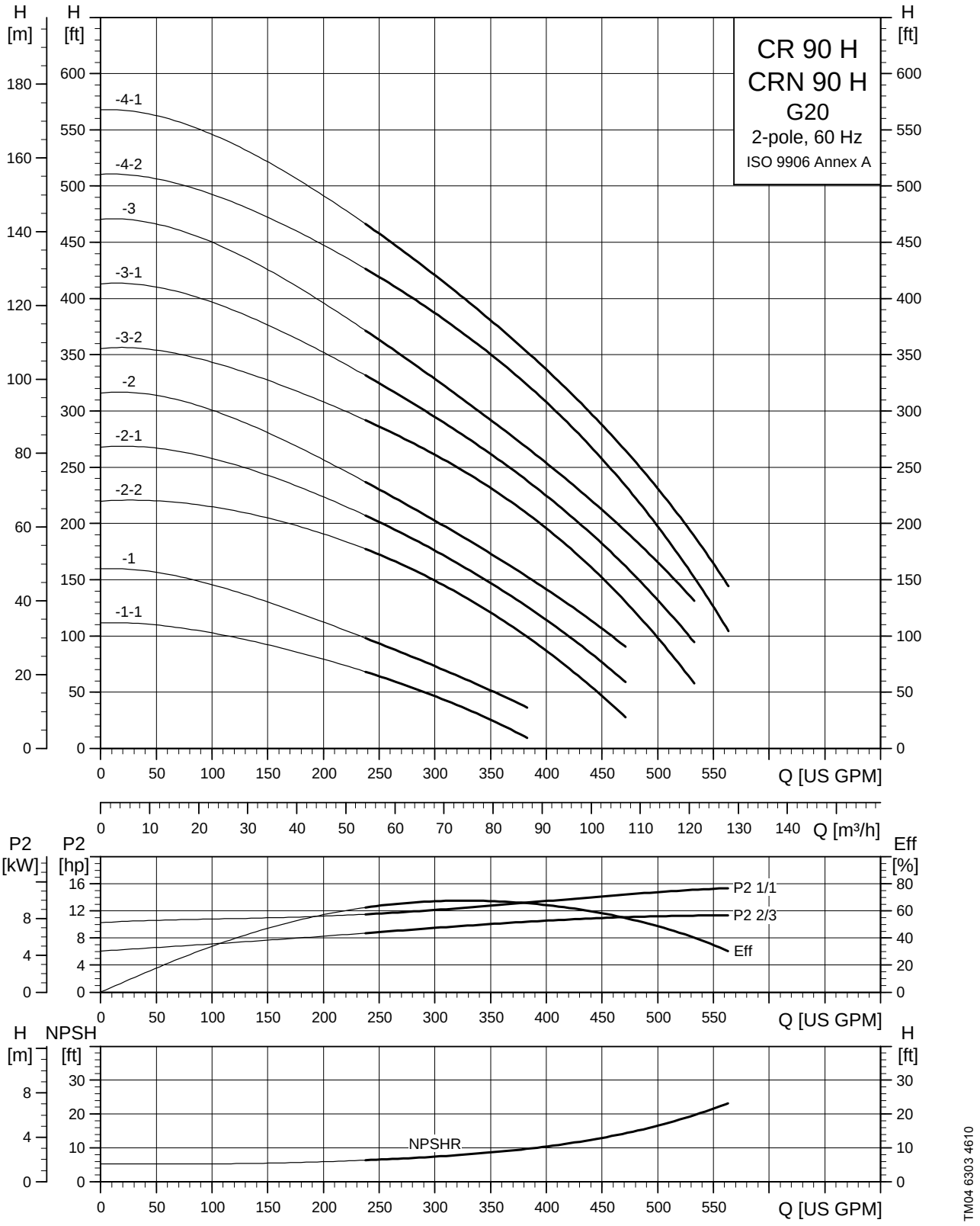


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 90-1-1 H	15	3	27.25	45.75	4.88	32.25	40.50	12.38	8.00	-	6.25	2.00	8.25	5.00	554	10.63	8.00	45.38	10.04	9.33	13.62	43.23	508
CR(N) 90-1 H	20	3	27.25	45.75	4.88	32.25	42.25	12.38	8.00	-	6.25	2.00	10.00	5.00	548	11.50	9.00	45.13	13.39	12.13	16.54	46.03	658
CR(N) 90-2-2 H	25	3	30.88	53.25	4.88	35.88	45.38	12.38	8.00	-	7.00	1.25	9.50	5.50	586	11.50	11.38	49.88	13.39	12.13	16.54	53.60	698
CR(N) 90-2-1 H	30	3	30.88	53.25	4.88	35.88	46.88	12.38	8.00	-	7.00	1.25	11.00	5.50	612	11.50	11.38	51.38	13.39	12.13	16.54	53.60	727
CR(N) 90-2 H	40	3	30.88	54.00	4.88	35.88	46.88	15.00	-	13.13	7.00	1.25	11.00	5.50	863	13.25	12.25	52.00	-	-	-	-	-
CR(N) 90-3-2 H	40	3	34.50	57.63	4.88	39.50	50.50	15.00	-	13.13	7.00	1.25	11.00	5.50	914	13.25	12.25	55.63	-	-	-	-	-
CR(N) 90-3-1 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	0.25	12.00	6.25	954	13.25	12.25	56.63	-	-	-	-	-
CR(N) 90-3 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	0.25	12.00	6.25	954	13.25	12.25	56.63	-	-	-	-	-
CR(N) 90-4-2 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	-0.75	12.25	7.00	1252	15.13	13.25	62.13	-	-	-	-	-
CR(N) 90-4-1 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	-0.75	12.25	7.00	1252	15.13	13.25	62.13	-	-	-	-	-

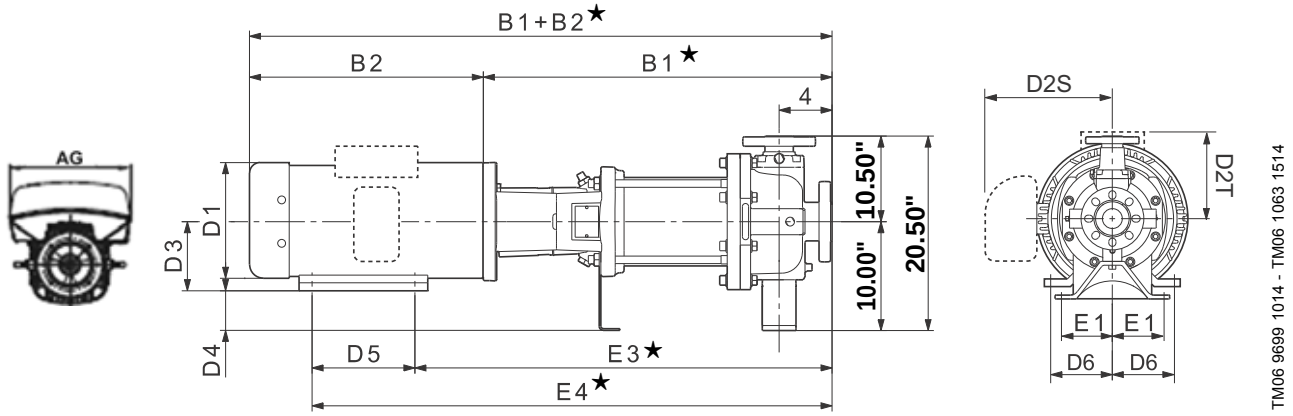
Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension.
Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

CR, CRN 90 H G20



Dimensions and weights G20 (3" x 1.5" x 13")



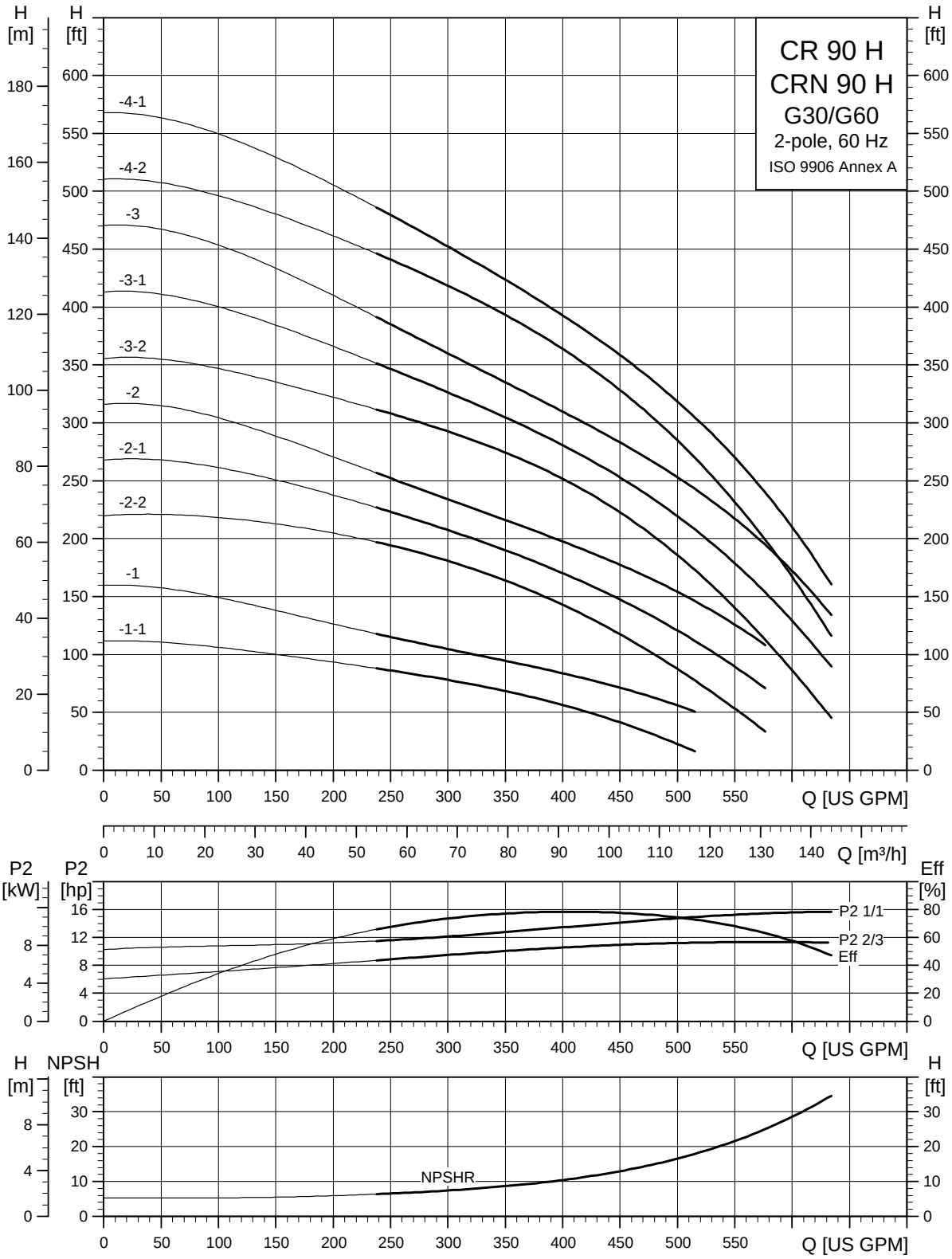
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N) 90-1-1 H	15	3	26.00	44.63	4.88	31.00	39.25	12.38	8.00	-	6.25	3.75	8.25	5.00	527	10.63	8.00	44.25	10.04	9.33	13.62	41.98	482
CR(N) 90-1 H	20	3	26.00	44.63	4.88	31.00	41.00	12.38	8.00	-	6.25	3.75	10.00	5.00	522	11.50	9.00	44.00	13.39	12.13	16.54	44.78	632
CR(N) 90-2-2 H	25	3	29.63	52.00	4.88	34.63	44.13	12.38	8.00	-	7.00	3.00	9.50	5.50	550	11.50	11.38	48.75	13.39	12.13	16.54	52.35	663
CR(N) 90-2-1 H	30	3	29.63	52.00	4.88	34.63	45.63	12.38	8.00	-	7.00	3.00	11.00	5.50	577	11.50	11.38	50.25	13.39	12.13	16.54	52.34	692
CR(N) 90-2 H	40	3	29.63	52.88	4.88	34.63	45.63	15.00	-	13.13	7.00	3.00	11.00	5.50	828	13.25	12.25	50.88	-	-	-	-	-
CR(N) 90-3-2 H	40	3	33.25	56.50	4.88	38.25	49.25	15.00	-	13.13	7.00	3.00	11.00	5.50	887	13.25	12.25	54.50	-	-	-	-	-
CR(N) 90-3-1 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	2.00	12.00	6.25	927	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-3 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	2.00	12.00	6.25	927	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-4-2 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	1.00	12.25	7.00	1219	15.13	13.25	61.00	-	-	-	-	-
CR(N) 90-4-1 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	1.00	12.25	7.00	1219	15.13	13.25	61.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

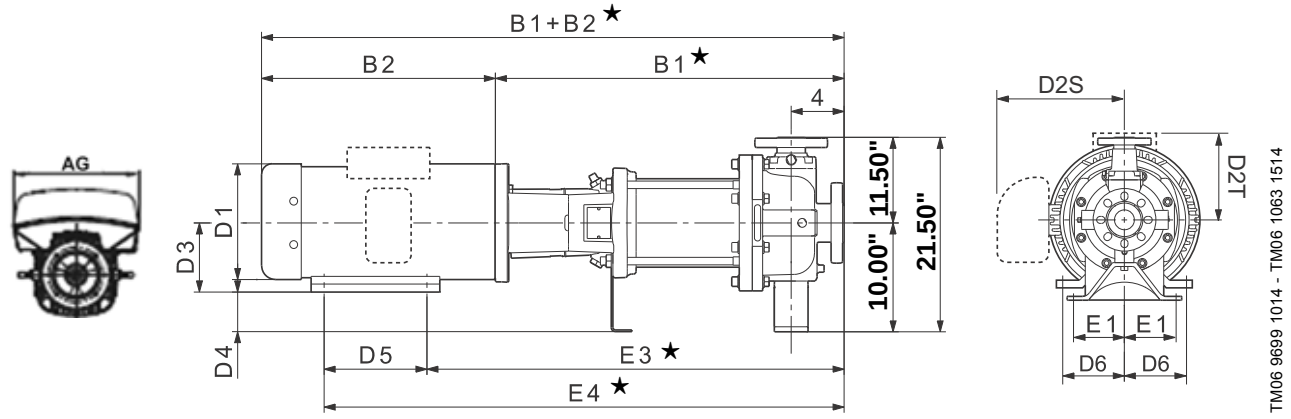
★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRN 90 H G30/G60



TM04 6304 4610

Dimensions and weights G30 (3" x 2" x 13")



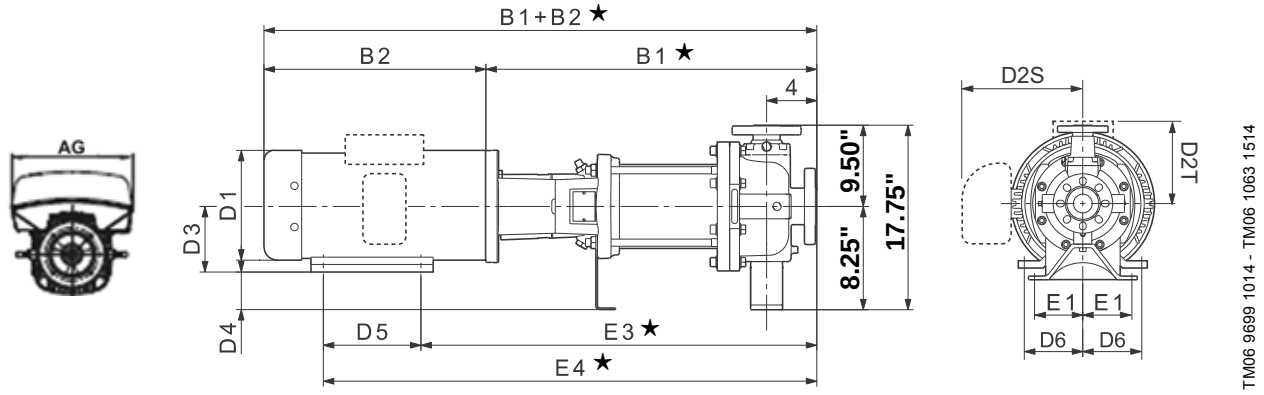
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N) 90-1-1 H	15	3	26.00	44.63	4.88	31.00	39.25	12.38	8.00	-	6.25	3.75	8.25	5.00	554	10.63	8.00	44.25	10.04	9.33	13.62	41.98	508
CR(N) 90-1 H	20	3	26.00	44.63	4.88	31.00	41.00	12.38	8.00	-	6.25	3.75	10.00	5.00	548	11.50	9.00	44.00	13.39	12.13	16.54	44.78	658
CR(N) 90-2-2 H	25	3	29.63	52.00	4.88	34.63	44.13	12.38	8.00	-	7.00	3.00	9.50	5.50	586	11.50	11.38	48.75	13.39	12.13	16.54	52.35	698
CR(N) 90-2-1 H	30	3	29.63	52.00	4.88	34.63	45.63	12.38	8.00	-	7.00	3.00	11.00	5.50	612	11.50	11.38	50.25	13.39	12.13	16.54	52.35	727
CR(N) 90-2 H	40	3	29.63	52.88	4.88	34.63	45.63	15.00	-	13.13	7.00	3.00	11.00	5.50	863	13.25	12.25	50.88	-	-	-	-	-
CR(N) 90-3-2 H	40	3	33.25	56.50	4.88	38.25	49.25	15.00	-	13.13	7.00	3.00	11.00	5.50	890	13.25	12.25	54.50	-	-	-	-	-
CR(N) 90-3-1 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	2.00	12.00	6.25	930	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-3 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	2.00	12.00	6.25	930	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-4-2 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	1.00	12.25	7.00	1219	15.13	13.25	61.00	-	-	-	-	-
CR(N) 90-4-1 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	1.00	12.25	7.00	1219	15.13	13.25	61.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

Dimensions and weights G60 (3" x 2" x 8", 3" x 2" x 10")



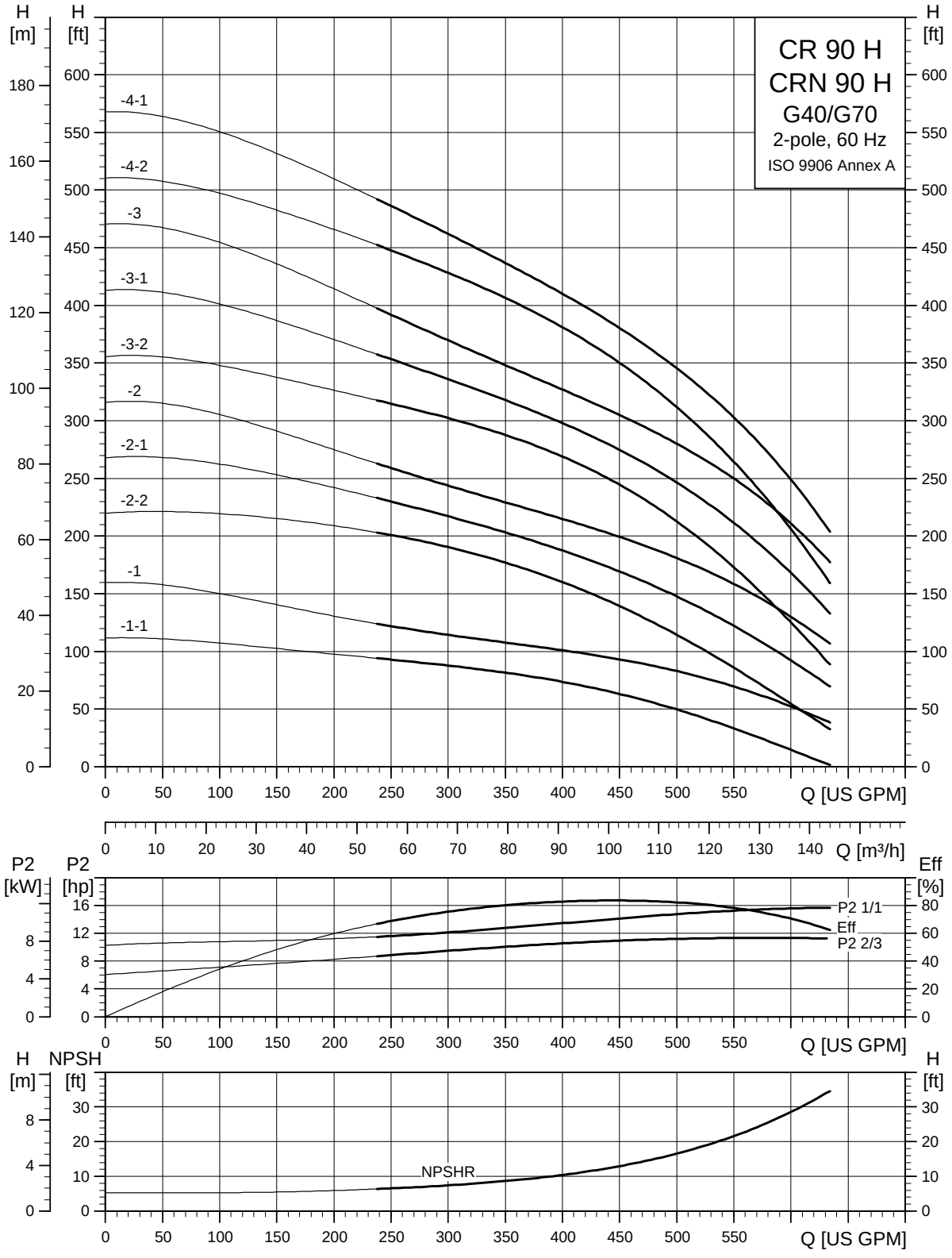
Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1 ★	B1+ B2 ★	E1	E3 ★	E4 ★	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2 ★	D1	D2	AG	B1+ B2 ★	
CR(N) 90-1-1 H	15	3	26.00	44.63	4.88	31.00	39.25	12.38	8.00	-	6.25	2.00	8.25	5.00	536	10.63	8.00	44.25	10.04	9.33	13.62	41.98	491
CR(N) 90-1 H	20	3	26.00	44.63	4.88	31.00	41.00	12.38	8.00	-	6.25	2.00	10.00	5.00	531	11.50	9.00	44.00	13.39	12.13	16.54	44.78	641
CR(N) 90-2-2 H	25	3	29.63	52.00	4.88	34.63	44.13	12.38	8.00	-	7.00	1.25	9.50	5.50	568	11.50	11.38	48.75	13.39	12.13	16.54	52.35	681
CR(N) 90-2-1 H	30	3	29.63	52.00	4.88	34.63	45.63	12.38	8.00	-	7.00	1.25	11.00	5.50	594	11.50	11.38	50.25	13.39	12.13	16.54	52.35	710
CR(N) 90-2 H	40	3	29.63	52.88	4.88	34.63	45.63	15.00	-	13.13	7.00	1.25	11.00	5.50	846	13.25	12.25	50.88	-	-	-	-	-
CR(N) 90-3-2 H	40	3	33.25	56.50	4.88	38.25	49.25	15.00	-	13.13	7.00	1.25	11.00	5.50	898	13.25	12.25	54.50	-	-	-	-	-
CR(N) 90-3-1 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	0.25	12.00	6.25	938	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-3 H	50	3	33.25	58.75	4.88	38.75	50.75	16.88	-	14.50	8.00	0.25	12.00	6.25	938	13.25	12.25	55.50	-	-	-	-	-
CR(N) 90-4-2 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	-0.75	12.25	7.00	1226	15.13	13.25	61.00	-	-	-	-	-
CR(N) 90-4-1 H	60	3	36.88	64.38	4.88	43.00	55.25	16.88	-	14.63	9.00	-0.75	12.25	7.00	1226	15.13	13.25	61.00	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

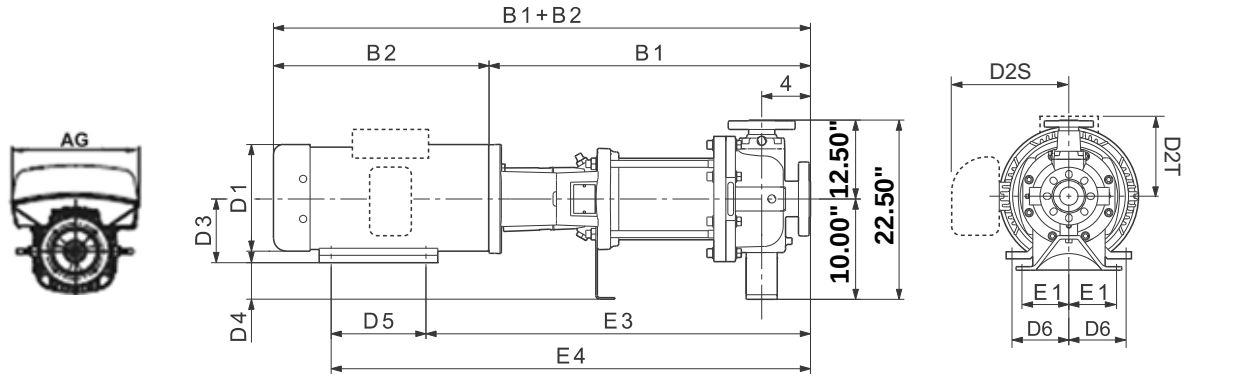
* Dimensions shown for three-phase MLE motors are for 460 V versions.

★ Add 0.67 inches for **CRN-H** dimensions.

CR, CRN 90 H G40/G70



Dimensions and weights G40 (4" x 3" x 10", 4" x 3" x 13")

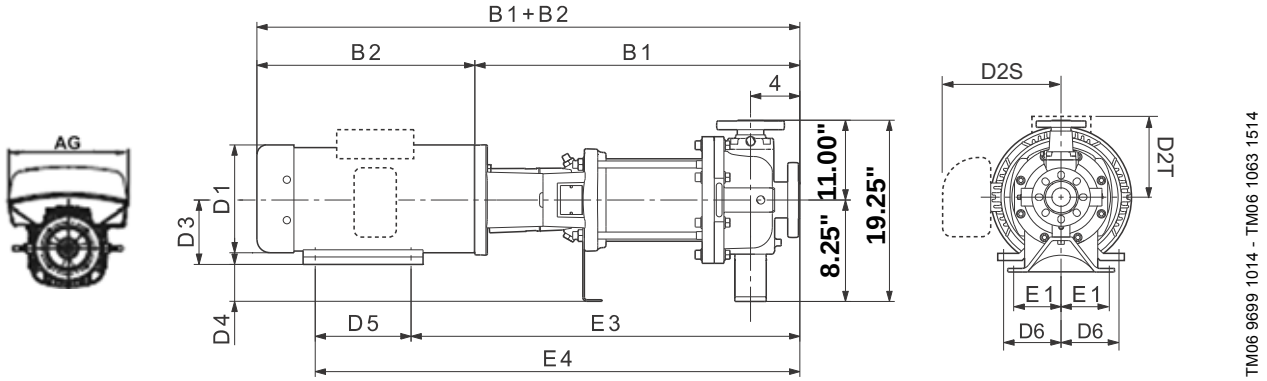


Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 90-1-1 H	15	3	27.25	45.75	4.88	32.25	40.50	12.38	8.00	-	6.25	3.75	8.25	5.00	591	10.63	8.00	45.38	10.04	9.33	13.62	43.23	546
CR(N) 90-1 H	20	3	27.25	45.75	4.88	32.25	42.25	12.38	8.00	-	6.25	3.75	10.00	5.00	586	11.50	9.00	45.13	13.39	12.13	16.54	46.03	696
CR(N) 90-2-2 H	25	3	30.88	53.25	4.88	35.88	45.38	12.38	8.00	-	7.00	3.00	9.50	5.50	623	11.50	11.38	49.88	13.39	12.13	16.54	53.60	736
CR(N) 90-2-1 H	30	3	30.88	53.25	4.88	35.88	46.88	12.38	8.00	-	7.00	3.00	11.00	5.50	649	11.50	11.38	51.38	13.39	12.13	16.54	53.60	765
CR(N) 90-2 H	40	3	30.88	54.00	4.88	35.88	46.88	15.00	-	13.13	7.00	3.00	11.00	5.50	901	13.25	12.25	52.00	-	-	-	-	-
CR(N) 90-3-2 H	40	3	34.50	57.63	4.88	39.50	50.50	15.00	-	13.13	7.00	3.00	11.00	5.50	925	13.25	12.25	55.63	-	-	-	-	-
CR(N) 90-3-1 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	2.00	12.00	6.25	965	13.25	12.25	56.63	-	-	-	-	-
CR(N) 90-3 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	2.00	12.00	6.25	965	13.25	12.25	56.63	-	-	-	-	-
CR(N) 90-4-2 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	1.00	12.25	7.00	1261	15.13	13.25	62.13	-	-	-	-	-
CR(N) 90-4-1 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	1.00	12.25	7.00	1261	15.13	13.25	62.13	-	-	-	-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

Dimensions and weights G70 (4" x 3" x 8", 4" x 3" x 10")



Pump type	HP	PH	Dimensions [in] TEFC												Ship. wt. [lbs]	Dimensions [in] ODP			Dimensions [in] MLE*				Ship. wt. [lbs]
			B1	B1+ B2	E1	E3	E4	D1	D2T	D2S	D3	D4	D5	D6		D1	D2	B1+ B2	D1	D2	AG	B1+ B2	
CR(N) 90-1-1 H	15	3	27.25	45.75	4.88	32.25	40.50	12.38	8.00	-	6.25	2.00	8.25	5.00	448	10.63	8.00	45.38	10.04	9.33	13.62	43.23	403
CR(N) 90-1 H	20	3	27.25	45.75	4.88	32.25	42.25	12.38	8.00	-	6.25	2.00	10.00	5.00	443	11.50	9.00	45.13	13.39	12.13	16.54	46.03	553
CR(N) 90-2-2 H	25	3	30.88	53.25	4.88	35.88	45.38	12.38	8.00	-	7.00	1.25	9.50	5.50	480	11.50	11.38	49.88	13.39	12.13	16.54	53.60	593
CR(N) 90-2-1 H	30	3	30.88	53.25	4.88	35.88	46.88	12.38	8.00	-	7.00	1.25	11.00	5.50	506	11.50	11.38	51.38	13.39	12.13	16.54	53.60	622
CR(N) 90-2 H	40	3	30.88	54.00	4.88	35.88	46.88	15.00	-	13.13	7.00	1.25	11.00	5.50	758	13.25	12.25	52.00	-	-		-	-
CR(N) 90-3-2 H	40	3	34.50	57.63	4.88	39.50	50.50	15.00	-	13.13	7.00	1.25	11.00	5.50	808	13.25	12.25	55.63	-	-		-	-
CR(N) 90-3-1 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	0.25	12.00	6.25	848	13.25	12.25	56.63	-	-		-	-
CR(N) 90-3 H	50	3	34.50	59.88	4.88	40.00	52.00	16.88	-	14.50	8.00	0.25	12.00	6.25	848	13.25	12.25	56.63	-	-		-	-
CR(N) 90-4-2 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	-0.75	12.25	7.00	1133	15.13	13.25	62.13	-	-		-	-
CR(N) 90-4-1 H	60	3	38.13	65.50	4.88	44.25	56.50	16.88	-	14.63	9.00	-0.75	12.25	7.00	1133	15.13	13.25	62.13	-	-		-	-

Note: Terminal box is on top of ML motors (through 30 HP). Baldor motors have terminal box on the side (40 HP and larger). Reference D2 dimension. Weights are based on pump with TEFC motor.

* Dimensions shown for three-phase MLE motors are for 460 V versions.

14. Motor data

Motors for CR(E)-H, CRN(E)-H

Motors used in the CR(E)-H, CRN(E)-H pump range are:

- Grundfos ML or MLE motors
- Grundfos-specified **Baldor® motors**

The information in the tables below applies to the following motors type and size:

Type	PH	Motor range [HP]	Cooling
ML	3	1/3 - 30	TEFC
Baldor	1	1/3 - 10	TEFC
	3	40-60	TEFC
	3	15-60	ODP
MLE	1	1/2 - 2	TEFC
	3	1-30	TEFC

Grundfos CR(E)-H, CRN(E)-H pumps are supplied with 2-pole, NEMA C-frame motors built or selected to our rigid specifications. All CR(E)-H, CRN(E)-H pump motors have heavy-duty bearings for maximum thrust requirements.

We do not recommend that an off-the-shelf standard Baldor motor is used on a Grundfos pump. Ideally, the best motor choice would be the Grundfos-specified motor.

Other motor types are available (i.e. explosion-proof, Mill and Chem Duty, high efficiency, etc.); consult your local Grundfos company for more information.

Pumps supplied by Grundfos Canada are normally supplied with motors from other manufacturers. The 575 V motors also meet NEMA Premium efficiency standards. Dimensions and data will vary; contact your local Grundfos company for more information.

All values are subject to change without notice.

Grundfos ML motor

GR 7845

Baldor motor

TM04 6540 0510

Grundfos MLE motor

GR 8972_p

TEFC motors (totally enclosed fan cooled, constant speed)

Product number	HP	PH	Frame size	SF	Supply voltage [V]	Eff. [%]	Efficiency rating	Temp class	KVA	FLA	SFA	LRA	Motor
84Z04526	1/3	1	56C	1.35	115/230	55	Not defined	B	K	6/3	7.6 / 3.8	28/14	Baldor
97567717	1/3	3	56C	1.35	208-230/460	78.5	Not defined	F	A	1.12 - 1.1 / 0.55	1.5 - 1.45 / 0.75	7.1 - 7.7 / 3.9	ML
84Z04527	1/2	1	56C	1.60	115/208-230	62	Not defined	B	K	7.4 / 4.1 - 3.7	9.8 / 5.2 - 4.9	39 / 21.6 - 19.5	Baldor
97568081	1/2	3	56C	1.25	208-230/460	78.5	Not defined	F	K	1.64 - 1.55 / 0.78	2.0 - 1.9 / 0.95	9.7 - 10.1 / 5.1	ML
84Z04528	3/4	1	56C	1.25	115/230	66	Not defined	B	K	9.6 / 4.8	11.4 / 6	56 / 31-28	Baldor
97678090	3/4	3	56C	1.25	208-230/460	80	Not defined	F	J	2.4 - 2.3 / 1.2	2.9 - 2.75 / 1.4	14.2 - 15.0 / 7.8	ML
84Z04529	1	1	56C	1.25	115/230	66	Not defined	B	K	12 / 6	14.4 / 7.2	77 / 38.5	Baldor
97568102	1	3	56C	1.25	208-230/460	80	NEMA Premium	F	K	3.25 - 3.35 / 1.68	4.0 - 3.9 / 1.95	19.2 - 21.8 / 11.0	ML
84Z04530	1 1/2	1	56C	1.30	115/208-230	71	Not defined	B	K	17 / 9.5 - 8.6	20.4 / 11.3 - 10.2	106 / 58.6 - 53	Baldor
97568103	1 1/2	3	56C	1.15	208-230/460	84	NEMA Premium	F	L	4.7 - 4.6 / 2.3	5.2 - 5.1 / 2.55	33.9 - 36.8 / 18.4	ML
84Z04531	2	1	56C	1.15	115/208-230	74	Not defined	B	K	23 / 12.7 - 11.5	25.4 / 12.7 - 12.7	156/78	Baldor
97568104	2	3	56C	1.15	208-230/460	85.5	NEMA Premium	F	M	5.7 - 5.4 / 2.7	6.55 - 6.1 / 3.05	46.2 - 48.6 / 24.3	ML
84Z04532	3	1	182TC	1.15	115/208-230	75	Not defined	F	H	29 / 16 - 14.5	31.8 / 18 - 15.9	172/95-86	Baldor
97568105	3	3	182TC	1.15	208-230/460	86.5	NEMA Premium	F	M	8.4 - 7.7 / 3.9	9.5 - 8.6 / 4.3	79.0 - 80.1 / 40.6	ML
84Z04533	5	1	213TC	1.15	230	80	Not defined	F	J	22	25	170	Baldor
97568106	5	3	182TC	1.15	208-230/460	88.5	NEMA Premium	F	M	13.8 - 13.0 / 6.5	15.6 - 14.6 / 7.3	124.2 - 128.7 / 64.4	ML
84Z04534	7 1/2	1	213TC	1.15	208-230	82	Not defined	F	F	33.8 - 31	35.5 - 33.8	244-220	Baldor
97568109	7 1/2	3	213TC	1.15	208-230/460	90	NEMA Premium	F	N	20.4 - 19.4 / 9.7	23 - 21.5 / 10.8	191.8 - 201.8 / 100.9	ML
84Z04535	10	1	213TC	1.15	230	85.5	Not defined	F	F	40	46	284	Baldor
97568110	10	3	213TC	1.15	208-230/460	90.2	NEMA Premium	F	M	26.5 - 25.5 / 12.8	30.5 - 28.5 / 14.5	238.5 - 252.5 / 126.8	ML
84Z04951	15	3	254TCZ	1.15	230/460	91	NEMA Premium	F	K	34.4 / 17.2	40/20	336-304/152	Baldor
84Z04952	20	3	256TCZ	1.15	230/460	91	NEMA Premium	F	H	46/23	52/26	412/206	Baldor
84Z04953	25	3	284TSCZ	1.15	230/460	93	NEMA Premium	F	J	56/28	63/31.5	502-454/227	Baldor
84Z04954	30	3	286TSCZ	1.15	230/460	93	NEMA Premium	F	J	66/33	76/38	495-448/224	Baldor
84Z04955	40	3	286TSCZ	1.15	230/460	93.6	NEMA Premium	F	L	90/45	104/52	728-658/329	Baldor
84Z04957	50	3	326TSCZ	1.15	230/460	93	NEMA Premium	F	H	112/56	128/64	810/405	Baldor
84Z04958	60	3	364TSCZ	1.15	230/460	93.6	NEMA Premium	F	J	136/68	154/77	950/475	Baldor

We recommend that you verify all electrical data for motors on the motor nameplate.

ODP Motors (open drip proof, constant speed)

Product number	Power [HP]	PH	Frame size	SF	Supply voltage [V]	Eff. [%]	Efficiency rating	Temp. class	KVA	FLA	SFA	LRA	Motor
84Z04963	15	3	254TCZ	1.15	230/460	91	NEMA Premium	F	J	34/17	39.8 / 18.9	272/136	Baldor
84Z04964	20	3	254TCZ	1.15	230/460	91	NEMA Premium	F	G	48/24	54/27	306/153	Baldor
84Z04965	25	3	286TSCZ	1.15	230/460	91.7	NEMA Premium	F	G	56/28	34/32	374/187	Baldor
84Z04966	30	3	284TSCZ	1.15	230/460	91.7	NEMA Premium	F	F	66/33	76/38	480/240	Baldor
84Z04967	40	3	286TSCZ	1.15	230/460	94.1	NEMA Premium	F	H	90/45	104/52	542/271	Baldor
84Z04968	50	3	324TSCZ	1.15	230/460	94.5	NEMA Premium	F	J	108/54	124/62	542/271	Baldor
84Z04969	60	3	326TSCZ	1.15	230/460	94.5	NEMA Premium	F	H	130/165	148/74	542/271	Baldor

MLE Motors (integrated variable frequency drive)

HP	Voltage [V]	PH	NEMA frame Size	Service factor	Motor full load efficiency [%]	Full load current amps** [A]	Service factor current amps [A]	Power factor	Full load speed [rpm]	Sound pressure level [dB(A)]
1/2[1)]	200-240	1	56C	1	84*	2.40 - 2.10	-	0.96	3400	58
3/4[1)]	200-240	1	56C	1	85.3*	3.45 - 2.90	-	0.98	3400	58
1[1)]	200-240	1	56C	1	85.2*	4.70 - 3.90	-	0.99	3400	58
1[1)]	440-480	3	56C	1.25	86.4*	1.65	2.10	0.73	3480	58
1 1/2[1)]	200-240	1	56C	1	86.9*	6.70 - 5.60	-	0.99	3400	58
1 1/2[1)]	200-240	3	56C	1.15	89.3*	4.00 - 3.40	4.60 - 3.90	0.91	3480	55
1 1/2[1)]	440-480	3	56C	1.15	89.6*	2.05	2.40	0.84	3480	58
2[1)]	200-240	1	56C	1	87.4*	9.10 - 7.60	-	0.99	3400	64
2[1)]	200-240	3	56C	1.00	88.90*	5.40 - 4.50	-	0.92	3480	55
2[1)]	440-480	3	56C	1.15	89.4*	2.65	3.00	0.87	3480	64
3[1)]	200-240	3	182TC	1.15	88.70*	7.90 - 6.60	9.10 - 7.60	0.94	3480	62
3[1)]	440-480	3	182TC	1.15	90.7*	3.8	4.30	0.89	3480	64
5[1)]	200-240	3	182TC	1.15	90.90*	13.2 - 10.9	14.90 - 12.40	0.94	3480	66
5[1)]	440-480	3	182TC	1.15	92.5*	6.20 - 5.80	7.00 - 6.60	0.90	3500	60
7 1/2[1)]	200-240	3	213TC	1.15	90.20 *	20.0 - 16.6	23.0 - 19.3	0.94	3480	70
7 1/2[1)]	440-480	3	213TC	1.15	92.4*	9.10 - 8.50	10.4 - 9.70	0.91	3500	60
10[1)]	440-480	3	213TC	1.15	92.5*	12.4 - 11.5	14.2 - 13.0	0.91	3500	65
15[1)]	440-480	3	254TC	1.15	93.2*	17.9 - 16.6	20.5 - 19.0	0.92	3500	65
20[2)]	460-480	3	256TC	1.15	91	24.00	27.50	0.89	3540	68
25[2)]	460-480	3	284TC	1.15	91.7	30.50	35.00	0.88	3540	70
30[2)]	460-480	3	286TC	1.15	91.7	36.50	42.00	0.88	3540	70

1) Permanent-magnet motor

2) Asynchronous motor

* Efficiency of motor and VFD

** At 460 volts for 460-480 volt motors

15. Accessories

Baseplate

Grundfos CR(E)-H, CRN(E)-H baseplates can be selected by using the information on the following pages. Once you have selected your pump you can use the pump data to select the proper baseplate and motor mounting kit. You will need to know the flange connection code, motor frame size and the E4 pump length.

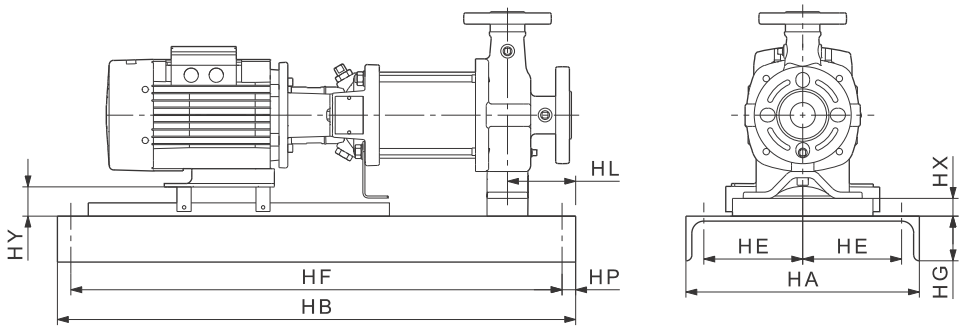
Based on this information you can select your baseplate and motor mounting kit number.

You will need to make sure that your pump length will fit on the standard baseplate by comparing the E4 - 4" dimension to the maximum pump length. If it will not, you can select the long baseplate (XLBP). The XLBP baseplates are longer than ANSI B73.1 baseplates but have floor mounting holes at the standard lengths.

XLBP baseplates also have additional holes near the end as shown in the dimensional table.

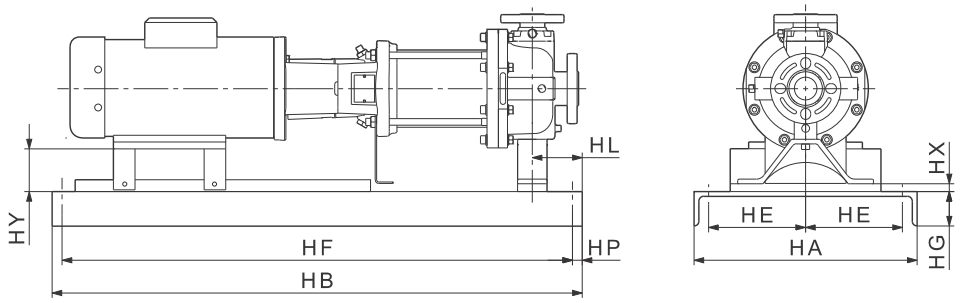
The baseplates are constructed from ASTM A36 steel alloy.

Baseplate dimensional sketch, CR(E), CRN(E) 1s, 1, 3, 5 H



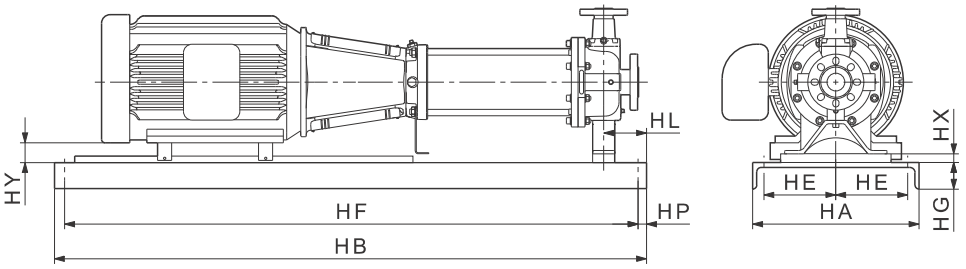
TM04 4639 1809

Baseplate dimensional sketch, CR(E), CRN(E) 10, 15, 20 H



TM04 4640 1809

Baseplate dimensional sketch, CR(E), CRN(E) 32, 45, 64, 90 H



TM04 4641 1809

Baseplate selection

Baseplate number	NEMA frame	Flange size	CR(E), CRN(E) 1s H to CR 20 H max. pump length (E4 is the inlet flange to rear motor foot line)[1] [inches]	CR(E), CRN(E) 32 H to 64 H, CR 90 H max. pump length (foot to rear motor hole)[1] [inches]
139	56T-182T	GA, GB, GC	27.5	23.5
148	213T-256T	GA, GB, GC	37	33
153	286T-364T	GA, GB, GC	42	38
245	56T-182T	G05-G70	34.5	30.5
252	213T	G05-G70	40.5	36.5
258	254T-286T	G05-G70	46.5	42.5
264	324T-364T	G05-G70	53	49
XLBP1[2, 3]	56T-182T	139, 245 BP	4)	4)
XLBP2[2, 3]	213T-256T	148, 252 BP	4)	4)
XLBP3[2, 3]	254T-364T	258, 264 BP	4)	4)
XLBP4[2, 3]	284T-364T	153 BP	4)	4)

Notes

1. If E4 - 4" > maximum pump length, select XLBP (dimensions are in inches).
2. XLBP1 = longer version of 139 and 245 baseplate
   XLBP2 = longer version of 148 and 252 baseplate
   XLBP3 = longer version of 258 and 264 baseplate
   XLBP4 = longer version of 153 baseplate
3. HF on long baseplate versions has bolt holes to use existing ANSI anchor bolts as well as additional bolt holes 1 1/4" from the end.
4. These long baseplates will accommodate all oversize pumps as listed.

Baseplate dimensions and weight

Baseplate number	NEMA	Flange size	HA	HB	HE	HF [3]	HG	Bolt hole diameter	HL	HP	HX NEMA	HY NEMA
139	56T	GA, GB, GC	12	39	4.5	36.5	3	0.75	4.5	1.25	0.75	2.50
	182T	GA, GB, GC	12	39	4.5	36.5	3	0.75	4.5	1.25	0.75	1.50
148	213T	GA, GB, GC	15	48	6	45.5	3.5	0.75	4.5	1.25	0.88	0.88
	256T	GA, GB, GC	15	48	6	45.5	3.5	0.75	4.5	1.25	1.88	0.88
153	286T	GA, GB, GC	18	53	7.5	50.5	4	0.75	4.5	1.25	3.63	1.88
	324T	GA, GB, GC	18	53	7.5	50.5	4	0.75	4.5	1.25	3.63	0.88
	364T	GA, GB, GC	18	53	7.5	50.5	4	0.75	4.5	1.25	5.06	1.31
245	56T	G05, G10, G50, G60, G70, G22, G33, G44	12	45	4.5	42.5	3	0.75	4.5	1.25	0.75	5.50
	56T	G20, G30, G40	12	45	4.5	42.5	3	0.75	4.5	1.25	0.75	7.25
	182T	G05, G10, G50, G60, G70, G22, G33, G44	12	45	4.5	42.5	3	0.75	4.5	1.25	0.75	4.50
	182T	G20, G30, G40	12	45	4.5	42.5	3	0.75	4.5	1.25	0.75	6.25
252	213T	G05, G10, G50, G60, G70, G22, G33, G44	15	52	6	49.5	3.5	0.75	4.5	1.25	0.88	3.88
	213T	G20, G30, G40	15	52	6	49.5	3.5	0.75	4.5	1.25	0.88	5.63
258	254T	G05, G10, G50, G60, G70, G22, G33, G44	18	58	7.5	55.5	4	1	4.5	1.25	0.69	2.69
	254T	G20, G30, G40	18	58	7.5	55.5	4	1	4.5	1.25	0.69	4.44
	286T	G05, G10, G50, G60, G70, G22, G33, G44	18	58	7.5	55.5	4	1	4.5	1.25	0.69	1.94
	286T	G20, G30, G40	18	58	7.5	55.5	4	1	4.5	1.25	0.69	3.69
264	324T	G05, G10, G50, G60, G70, G22, G33, G44	18	64	7.5	61.5	4	1	4.5	1.25	1.31	1.56
	324T	G20, G30, G40	18	64	7.5	61.5	4	1	4.5	1.25	1.31	3.31
	364T	G05, G10, G50, G60, G70, G22, G33, G44	18	64	7.5	61.5	4	1	4.5	1.25	2.31	2.56
	364T	G20, G30, G40	18	64	7.5	61.5	4	1	4.5	1.25	1.31	2.31
XLBP1	56-182T	139, 245 BP	12	59	These dimensions will be the same as the baseplate number they are replacing above.							
XLBP2	213-256T	148, 252 BP	15	70	The overall length is longer to accommodate longer pumps.							
XLBP3	254T-364T	258, 264 BP	18	94.75	See notes 1 to 4 below.							
XLBP4	284T-364T	153 BP	18	94.75								

All dimensions are in inches.

Notes

1. If E4 - 4" > maximum pump length, select XLBP (dimensions are in inches).
2. XLBP1 = longer version of 139 and 245 baseplate
   XLBP2 = longer version of 148 and 252 baseplate
   XLBP3 = longer version of 258 and 264 baseplate
   XLBP4 = longer version of 153 baseplate
3. HF on long baseplate versions has bolt holes to use existing ANSI anchor bolts as well as additional bolt holes 1 1/4" from the end.
4. These long baseplates will accommodate all oversize pumps as listed.

Baseplate and motor mounting kits

Baseplate	Kit description	Product number	Ship weight [lbs]
BP 139	Kit, BP139 56T GA/B/C	97534517	122
	Kit, BP139 182T GA/B/C	97534518	118
BP 148	Kit, BP148 213T GA/B/C	97534520	190
	Kit, BP148 254T GA/B/C	97534531	200
BP 153	Kit, BP153 284T GA/B/C	97534532	272
	Kit, BP153 324T GA/B/C	97534533	264
	Kit, BP153 364T GA/B/C	97534534	284
BP 245	Kit, BP245 56T G05/10/50/60/ 70/22/33/44	97534535	152
	Kit, BP245 182T G05/10/50/60/ 70/22/33/44	97534536	150
	Kit, BP245 56T G20/30/40	97534537	162
	Kit, BP245 182T G20/30/40	97534538	160
BP 252	Kit, BP252 213T G05/10/50/60/ 70/22/33/44	97534539	222
	Kit, BP252 213T G20/30/40	97534540	228
BP 258	Kit, BP258 254T G05/10/50/60/ 70/22/33/44	97534543	299
	Kit, BP258 284T G05/10/50/60/ 70/22/33/44	97534544	287
	Kit, BP258 254T G20/30/40	97534545	307
	Kit, BP258 284T G20/30/40	97534546	307
BP 264	Kit, BP264 324T G05/10/50/60/ 70/22/33/44	97534548	332
	Kit, BP264 364T G05/10/50/60/ 70/22/33/44	97534550	356
	Kit, BP264 324T G20/30/40	97534571	332
	Kit, BP264 364T G20/30/40	97534572	334
XLBP1	Kit, BP139 56T GA/B/C	97534573	167
	Kit, BP139 182T GA/B/C	97534574	163
	Kit, BP245 56T G05/10/50/60/ 70/22/33/44	97534575	180
	Kit, BP245 182T G05/10/50/60/ 70/22/33/44	97534576	178
	Kit, BP245 56T G20/30/40	97534577	190
	Kit, BP245 182T G20/30/40	97534578	188
XLBP2	Kit, BP148 213T GA/B/C	97573875	262
	Kit, BP148/252 254T GA/B/C	97534579	275
	Kit, BP252 213T G05/10/50/60/ 70/22/33/44	97573873	278
	Kit, BP252 213T G20/30/40	97573874	284
XLBP3	Kit, BP258/264 254T G05/10/ 50/60/70/22/33/44	97573876	461
	Kit, BP258/264 284T G05/10/ 50/60/70/22/33/44	97573877	449
	Kit, BP258/264 254T G20/30/40	97573878	469
	Kit, BP258/264 284T G20/30/40	97573879	469
	Kit, BP258/264 324T G05/10/ 50/60/70/22/33/44	97534580	461
	Kit, BP258/264 364T G05/10/ 50/60/70/22/33/44	97534591	470
	Kit, BP258/264 324T G20/30/40	97534592	476
	Kit, BP258/264 364T G20/30/40	97534593	463
XLBP4	Kit, BP153 284T GA/B/C	97534594	453
	Kit, BP153 324T GA/B/C	97534595	445
	Kit, BP153 364T GA/B/C	97534596	465

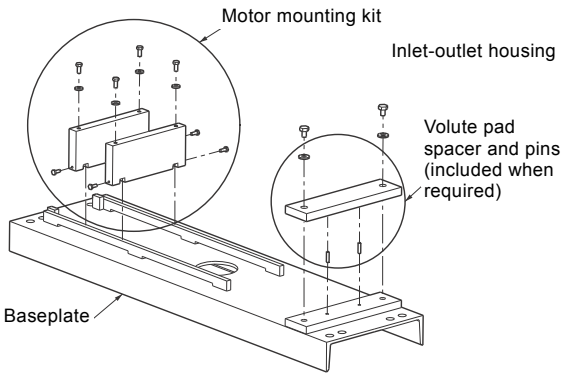


Fig. 63 Baseplate and motor mounting kit

Pipe connection

Various sets of counterflanges are available for pipe connection.

Counterflanges for CR(E)-H, CRN(E)-H

A set consists of two counterflanges, two gaskets, bolts and nuts.

Pump type	Pipe connection (inlet and outlet)	Cast iron press. class	Product number	AISI 316 SS Press. class	Product number
GA	1.5" x 1" NPT	Threaded ANSI 125 lb.	97642565	Threaded ANSI 150 lb.	97698645
G05	2" x 1" NPT		97642567		97698647
GB, G50, G20	3" x 1.5" NPT		97642571		97698649
GC, G10, G60, G30	3" x 2" NPT		97642574		97698651
G70, G40	4" x 3" NPT		97642576		97698653
G22	2" x 2" NPT		97642568		97743809
G33	3" x 3" NPT		559601		91121953
G44	4" x 4" NPT		579801		0ID00148
GA	1.5" x 1" NPT	Threaded ANSI 250 lb.	96967594	Threaded ANSI 300 lb.	97698646
G05	2" x 1" NPT		96967595		97698648
GB, G50, G20	3" x 1.5" NPT		97658571		97698650
GC, G10, G60, G30	3" x 2" NPT		97658572		97698652
G70, G40	4" x 3" NPT		97658574		97698654
G22	2" x 2" NPT		97757976		97743810
G33	3" x 3" NPT		97658573		97743812
G44	4" x 4" NPT		360028		97822330

The 3" and 4" 125/150 lb. flanges and the 4" 250/300 lb. flanges on the pumps are standard through-hole ANSI flanges. All other CR(E)-H, CRN(E)-H pump flanges are threaded and will require shorter than standard bolts. Recommended bolt sizes are shown below.

Press. class	Flange size	Qty. bolts	Required bolts	Standard hardware
125/150 lb	1"	4	1/2-13 x 2	
	1.5"	4	1/2-13 x 2	
	2"	4	5/8-11 x 2.5	
	3"	4	5/8-11 x 3	•
	4"	8	5/8-11 x 3	•
250/300 lb.	1"	4	5/8-11 x 2.25	
	1.5"	4	3/4-10 x 2.5	
	2"	8	5/8x11 x 2.5	
	3"	8	3/4-10 x 3.25	
	4"	8	3/4-10 x 3.75	•

Potentiometer for CRE, CRIE, CRNE

Potentiometer for setpoint setting and start/stop of the CRE, CRIE, CRNE pump.

Product	Product number
External potentiometer with cabinet for wall mounting	625468

LiqTec

Description

LiqTec features:

- Protects the pump against dry-running.
- Protects the pump against too high liquid temperature (+266 °F ± 9 °F (130 °C ± 5 °C)).
- Has a fail-safe design. If the sensor, sensor cable, electronic unit or power supply fails, the pump stops immediately.
- The LiqTec is **not** to be used with the MGFlex motor.

Mounting the LiqTec sensor

The LiqTec can be fitted to a DIN rail to be incorporated in a control cabinet.

Electrical connection

Example of electrical connection, see page 129.

Calibration of sensor and controller

Follow the procedure on the next page.

Functions

Fig. 64 LiqTec functions

1. **Connection for dry-running sensor**
2. **Connection for external restarting**
3. **Motor PTC**
   Green light indicates OK or short-circuited terminals.
   Red light indicates too high motor temperature. The alarm relay is activated.
4. **Connection for PTC sensor**
   This input is not used in connection with E-pumps as the variable frequency drive protects the motor against overload.
5. **Sensor indicator light**
   Red light indicates defective sensor or cable. The alarm relay is activated.
6. **Deactivation of the dry-running monitoring function**
   Press the button to deactivate the dry-running monitoring function. Red flashing light. The PTC monitoring function is still active.
   Press [Restart] to reactivate the dry-running monitoring function.
7. **High liquid temperature indicator light**
   Red light indicates too high liquid temperature (+266 °F ± 9 °F (130 °C ± 5 °C)). The alarm relay is activated.
8. **Supply voltage**
   200-240 VAC, 50/60 Hz and 80-130 VAC 50/60 Hz.
9. **Dry-running indicator light**
   Green light indicates OK (liquid in pump).
   Red light indicates dry running (no liquid in pump). The alarm relay is activated.
10. **Alarm/Run relay output**
    Potential-free changeover contact.
    Maximum contact load: 250 V, 1 A, AC (inductive load).
11. **Auto/Man**
    Changeover between automatic and manual restarting.
    The default setting is "Man".
    Changeover is carried out by means of a small screwdriver.
    When "Auto" has been selected, the alarm indication will automatically be reset 10 to 20 seconds after detection of liquid.
12. **Restart**
    Press [Restart] to restart the pump. The button has no influence on the PTC monitoring.

Calibration of sensor and controller

Step	Action	Result
1	Connect the sensor to pos. 1 on the controller and connect the power supply to pos. 8 on the controller. See page 130.	
2	Submerge the sensor into the pumped liquid. The pumped liquid and the air temperature are to be +70 °F. **Note:** It is important that the pumped liquid is stagnant as the calibration will be misleading if the sensor is cooled by flowing water.	
3	Press the buttons at pos. 6 and pos. 12 on the controller for approximately 20 seconds.	All red indicator lights (except pos. 7) start flashing.
4	When the green indicator lights at pos. 3 and pos. 9 on the controller are constantly on, release the buttons at pos. 6 and pos. 12.	The calibration is completed.

Further information

Information related to IEC 60730-1:

- Software class A
- Pollution degree 2
- Type 1.

The LiqTec has been cURus-approved according to UL 508.

Maximum pressure: 580 psi (40 bar).

Maximum liquid temperature: (+266 °F ± 9 °F (130 °C ± 5 °C)).

Maximum ambient temperature: +131 °F (+55 °C).

Power consumption: 5 Watt.

Enclosure class: IPX0.

Maximum cable length: 65.6 ft (20 meters).

Standard cable: 16.4 ft (5 meters).

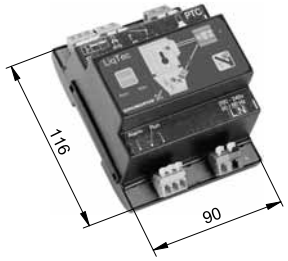
Extension cable: 49.2 ft (15 meters).

Note:

The LiqTec is not be connected to the PTC sensor. Assemble a jumper wire between the two terminals at pos. 4 on the controller.

The MLE motor software provides protection against high motor temperature.

The LiqTec is designed for DIN rail mounting in a control cabinet.

Dry-running protection	Single phase power supply	LiqTec	Sensor 1/2"	Cable 16.4 ft (5 m)	Extension cable 49.2 ft (15 m)	Product number
 TM02 1731 2001	200-240 VAC	•	•	•	-	96556429
	80-130 VAC	•	•	•	-	96556430
	-	-	-	-	•	96443676
	-	-	•	•	-	96556427

Connection of E-pump to LiqTec

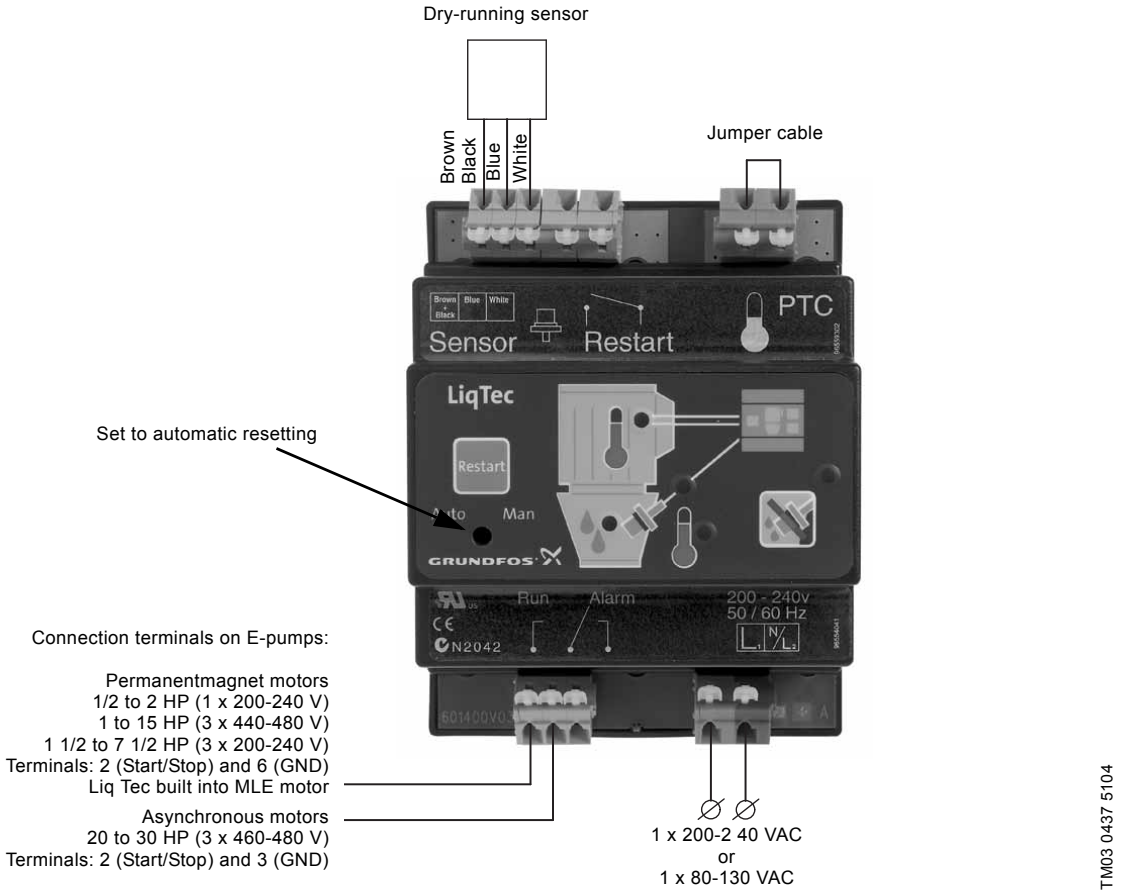
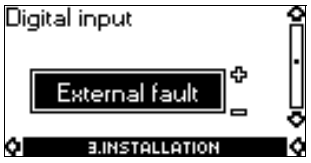


Fig. 65 Connection of E-pump to LiqTec

Setting the digital input

The digital input must be set to "External fault" via R100.



Note: After dry-running fault, the E-pump must be restarted manually.

Disposal

This product or parts of it must be disposed of in an environmentally sound way:

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos company or service workshop.

Pressure sensor

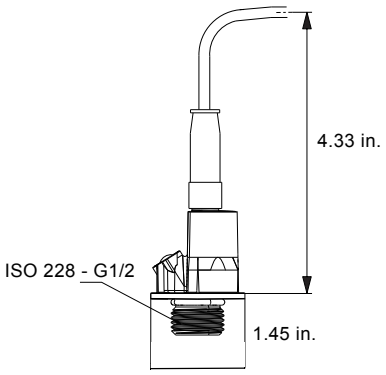
TM04 7865 2510

Accessory	Supplier	Type	Pressure range [psi (bar)]	Product number EPDM	Product number FKM
Pressure sensors			0-87 (0-6)	97748922	97748953
Pressure transmitter with 6 ft screened cable	Grundfos	RPI	0-145 (0-10)	97748923	97748954
			0-232 (0-16)	97748924	97748955
Connection: 1/4" - 18 NPT			0-362 (0-25)	97748925	97748956

Technical data

Pressure sensor				
Product number	97748922 97748953	97748923 97748954	97748924 97748955	97748925 97748956
Pressure range [psi (bar)]	0-87 (0-6)	0-145 (0-10)	0-232 (0-16)	0-362 (0-25)
Maximum operating pressure [psi (bar)]	870 (60)			
Supply voltage	12.5 - 30 VDC			
Output signal [mA]	4-20			
Load impedance	60 Ω at 12.5 VDC			
	100 Ω at 13.3 V			
	Max 900 Ω at 30 VDC			
Response time	100 ms typical 50 ms			
Resolution	1/1000 FS			
Accuracy	+32 to +176 °F +/- 2.0 % FS			
	-22 to +212 °F +/- 2.5 % FS			
Operation temperature	-22 to +212 °F (-30 to +100 °C)			
Ambient temperature	-13 to +140 °F (-25 to 60 °C)			
Wetted parts material	AISI 316 L			
Housing material	AISI 316 L			
Enclosure	IP 67			
Weight [lb (kg)]	0.3 (14)			
EMC -	EN 61326-1			
Pressure - mechanical connection	Adaptor solution for 1/2" and 1/4" NPT			
Markings				

Dimensions



TM04 9237 1612

Fig. 66 Dimensions RPI transmitter

Pressure sensor

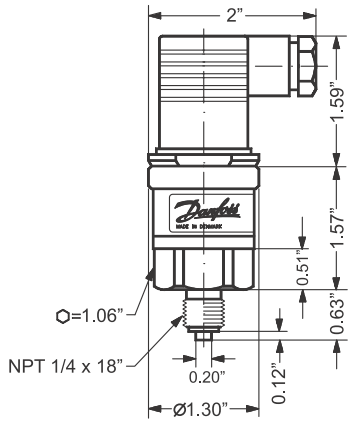
TM05 1533 2911

Accessory	Supplier	Type	Pressure range [psi (bar)]	Product number
Pressure sensors Pressure transmitter with 6 ft screened cable Connection: 1/4" - 18 NPT	Danfoss	MBS3000	0-87 (0-6)	91136169
			0-145 (0-10)	91136170
			0-232 (0-16)	91136171
			0-362 (0-25)	91136172
			0-580 (0-40)	91136173
			0-870 (0-60)	91136174

Technical data

Pressure sensor						
Product number	91136169	91136170	91136171	91136172	91136173	91136174
Pressure range [psi (bar)]	0-87 (0-6)	0-145 (0-10)	0-232 (0-16)	0-362 (0-25)	0-580 (0-40)	0-870 (0-60)
Maximum operating pressure [psi (bar)]	300 (20.1)	300 (20.1)	750 (51.7)	1450 (100)	2900 (200)	2900 (200)
Supply voltage	9-32 VDC					
Output signal [mA]	4-20					
Insulation resistance	> 100 MΩ at 100 V					
Accuracy, typical +/- FS [%]	0.5 %					
Response time, maximum [ms]	4 ms					
Medium temperature range [°F (°C)]	-40 °F to +185 °F (-40 °C to +85 °C)					
Ambient temperature range [°F (°C)]	-40 °F to +185 °F (-40 °C to +85 °C)					
Wetted parts, material	AISI 316L					
Housing material	AISI 316L					
Enclosure rating	IP65					
Weight [lb (kg)]	0.3 (0.14)					
EMC - Emission	EN 61000-6-3					
EMC Immunity	EN 61000-6-2					
Pressure connection	NPT 1/4-18					
CE-marked	EMC protected in accordance with EU EMC Directive					

Dimensions



TM05 1532 2911

Fig. 67 Dimensional sketch

Grundfos differential-pressure sensor, DPI

Grundfos differential-pressure sensor, DPI	Pressure range [psi (bar)]	Product number
• 1 sensor incl. 0.9 m screened cable (7/16" connections) • 1 original DPI bracket (for wall mounting) • 1 Grundfos bracket (for mounting on motor) • 2 M4 screws for mounting of sensor on bracket • 1 M6 screw (self-cutting) for mounting on 3 HP and smaller • 1 M8 screw (self-cutting) for mounting on 5-10 HP • 1 M10 screw (self-cutting) for mounting on 15-25 HP • 1 M12 screw (self-cutting) for mounting on 30 HP • 3 capillary tubes (short/long) • 2 fittings (1/4" - 7/16") • 5 cable clips (black) • Installation and operating instructions	0 - 8.7 (0 - 0.6)	96611522
	0 - 14.5 (0 - 1.0)	96611523
	0-23 (0 - 1.6)	96611524
	0-36 (0 - 2.5)	96611525
	0-58 (0 - 4.0)	96611526
	0-87 (0 - 6.0)	96611527
	0-145 (0-10)	96611550

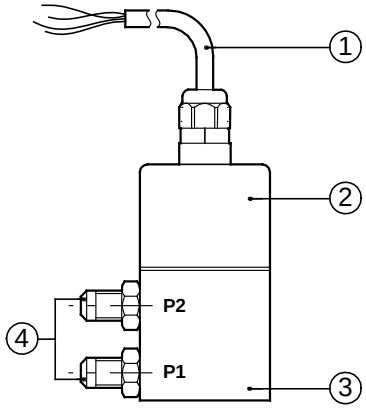
Select the differential-pressure sensor so that the maximum pressure of the sensor is higher than the maximum differential pressure of the pump.

The sensor housing and parts in contact with the liquid are made of Inox DIN 1.4305 (3) with composite PA top (2). The connections (4) are DIN 1.4305, 7/16" UNF connection and gaskets are FKM.

A black and screened cable (1) goes through a screwed connection PG with M 12 x 1.5 connection.

The sensor is supplied with angular bracket for mounting on motor or bracket for wall mounting.

A specially coated silicon chip is used for greater accuracy.



TM03 2057 3505

Fig. 68 DPI sensor

Technical data

Grundfos differential-pressure sensor, DPI							
Product number	96611522	96611523	96611524	96611525	96611526	96611527	96611550
Pressure ranges, differential pressure [psi (bar)]	0 - 8.7 (0 - 0.6)	0 - 14.5 (0 - 1.0)	0-23 (0 - 1.6)	0-36 (0 - 2.5)	0-58 (0 - 4.0)	0-87 (0 - 6.0)	0-145 (0-10)
Supply voltage	12-30 VDC						
Output signal	4-20 mA						
Load [Ω]	24 V: max. 500 [Ω], 16 V: max. 200 [Ω], 12 V: max. 100 [Ω]						
Maximum system pressure, P1 and P2 simultaneously [psi (bar)]	232 (16)						
Rupture pressure [bar]	1.5 x system pressure						
Measuring accuracy	2.5 % BFSL						
Response time	< 0.5 seconds						
Liquid temperature range	+14 °F to +158 °F (-10 °C to +70 °C)						
Storage temperature range	-40 °F to +176 °F (-40 °C to +80 °C)						
Electrical connection	26 GA, 3 ft cable - M12 x 1.5 in sensor top						
Short circuit-proof	Yes						
Protected against reverse polarity	Yes						
Over supply voltage	Yes						
Materials in contact with liquid	DIN 1.4305 FKM and PPS						
Enclosure class	IP55						
Weight [lb]	1.2						
EMC (electromagnetic compatibility)	According to EN 60335-1						
Emission/immunity	According to EN 61800-3						
Connections	7/16"-UNF						
Sealing material	FKM						

Dimensions

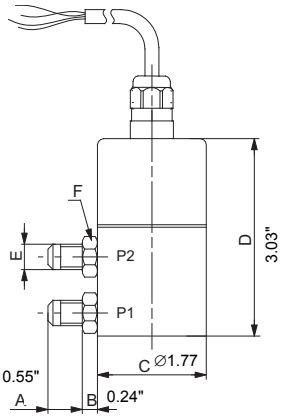
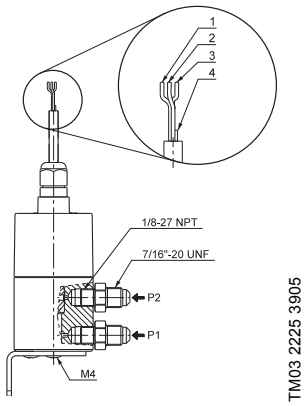


Fig. 69 Dimensional sketch



1	12-30 V supply voltage	Brown
2	GND (earth conductor)	Yellow
3	Signal conductor	Green
4	Test conductor (can be cut off during mounting). This conductor must not be connected to the power supply.	White

Fig. 70 Wiring

Grundfos differential-pressure sensor, DPI g.2 version

TM04 7866 2410

Grundfos differential-pressure sensor, DPI g.2 version	Pressure range [psi (bar)]	Product number
• 1 sensor • 1 capillary tube short version • 1 fitting for capillary tube • 6 ft (1.8 m) cable • 1 installation and operation instructions	0 - 8.7 (0 - 0.6)	97747194
	0 - 14.5 (0 - 1.0)	97747195
	0-23 (0 - 1.6)	97747196
	0-36 (0 - 2.5)	97747197
	0-58 (0 - 4.0)	97747198
	0-87 (0 - 6.0)	97747199
	0-145 (0-10)	97747200

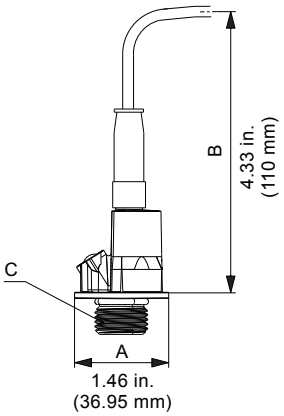
Select the differential-pressure sensor so that the maximum pressure of the sensor is higher than the maximum differential pressure of the pump.

All materials used for DPI 2 are 316 L.

Fitting connection for capillary tube is 7/16" UNF.

Cable with M12 x 4 connector.

Sensor is supplied with fitting for capillary tubing.
Measuring technology is based on Coated Silicon Chip.



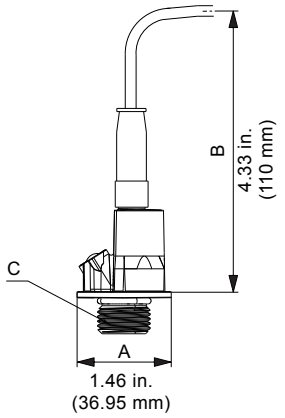
TM04 9237 3710

Fig. 71 DPI sensor g.2 version

Technical data

Grundfos differential-pressure sensor, DPI g.2 version							
Product number	97747194	97747195	97747196	97747197	97747198	97747199	97747200
Pressure ranges, differential pressure [psi (bar)]	0 - 8.7 (0 - 0.6)	0 - 14.5 (0 - 1.0)	0-23 (0 - 1.6)	0-36 (0 - 2.5)	0-58 (0 - 4.0)	0-87 (0 - 6.0)	0-145 (0-10)
Supply voltage	12-30 VDC						
Output signal	4-20 mA						
Load [Ω]	30 V DC: max. 900 ohms [Ω], 1.3 V: max. 100 [Ω], 12.5 V: max. 60 [Ω]						
Maximum system pressure, P1 and P2 simultaneously [psi (bar)]	870 (60)						
Rupture pressure [bar]	1.5 x system pressure						
Measuring accuracy	2.0 % FS						
Response time	< 100 ms (typical 50 ms)						
Liquid temperature range	-22 to +212 °F (-30 to +100 °C)						
Storage temperature range	-67 to +158 °F (-55 to +70 °C)						
Electrical connection	27 ga, 6 ft (1.8) cable M 12 x 4						
Short circuit-proof	Yes						
Protected against reverse polarity	Yes						
Over supply voltage	Yes						
Materials in contact with liquid	AISI 316 L						
Enclosure class	IP67						
Weight [lb]	1.2						
EMC (electromagnetic compatibility)	According to EN 61326-1						
Connections	7/16"-UNF						
Sealing material	EPDM						

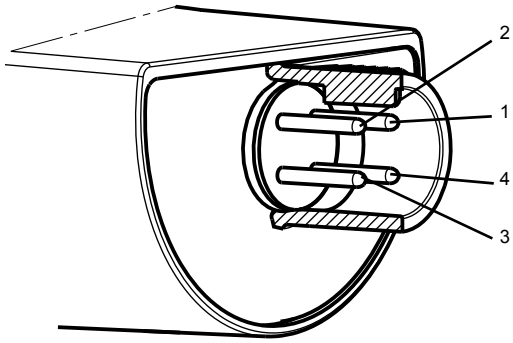
Dimensions



TM04 9237 3710

Fig. 72 DPI sensor g.2 version

Electrical connections



TM04 7156 1610

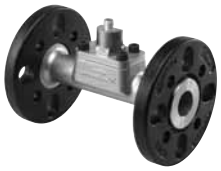
Fig. 73 Electrical connections

PIN	1	2	3	4
Wire color	Brown	Grey	Blue	Black
Output 4-20 mA	+	Not used	-	Not used
Output 2 x 0-10 V	+	Pressure signal	-*	Temperature signal

* Common ground for both pressure and temperature signal.
* Power supply (screened cable): SELV or PELV.

Flow transmitters

- Flow tube in AISI 316 mounted with transmitter
- Transmitter AISI 316 L
- 4-20 mA output signal
- 2 x flanges
- 15 ft cable free ends
- quick guide.



TM04 7362 2210

Type	Flow range [gpm]	Connection	O-ring		Flange material		Product number
			EPDM	FKM	Cast iron	Stainless	
VFI 0.3-6	1.3 - 26	3/4"	•		•		97686127
	1.3 - 2.6	3/4"	•			•	97688293
VFI 0.6-12	2.6 - 53	1"	•		•		97686129
	2.6 - 53	1"	•			•	97688295
VFI 1.3-25	5.7 - 110	1 1/4"	•		•		97686141
	5.7 - 110	1 1/4"	•			•	97688297
VFI 2-40	8.8 - 176	1 3/4"	•		•		97686143
	8.8 - 176	1 3/4"	•			•	97688299
VFI 3.2-64	14-282	2"	•		•		97686145
	14-282	2"	•			•	97688301
VFI 5.2-104	23-458	2 1/2"	•		•		96788476
VFI 8-160	35-704	3"	•		•		97788478
VFI 8-160	53-1060	4"	•		•		97788492

For more information about the VFI sensor, see the Grundfos Direct Sensors data booklet, publication number 97790189, at www.grundfos.com (Grundfos Product Center).

Gauges for CRE, CRIE, CRNE

Accessory	Measuring range	Product number
Liquid filled pressure gauge • AISI 304/Copper	30" Hg - 30 psi	91123566
	0-60 psi	00ID8562
	0-100 psi	00ID8563
	0-160 psi	00ID8564
	0-200 psi	00ID8565
	0-300 psi	00ID8566
	0-400 psi	00ID8567
	0-600 psi	00ID8568
Liquid filled pressure gauge • AISI 316	30" Hg - 30 psi	91130835
	0-60 psi	00ID8569
	0-100 psi	00ID8570
	0-160 psi	00ID8571
	0-200 psi	00ID8572
	0-300 psi	00ID8573
	0-400 psi	00ID8574
	0-600 psi	00ID8575
	0-200 psi	00ID8576

Remote controls

Grundfos GO Remote

Grundfos GO Remote is used for wireless infrared or radio communication with the pumps.

Various Grundfos GO Remote variants are available. The variants are described in the following.

MI 202 and MI 204

The MI 202 and MI 204 are add-on modules with built-in infrared and radio communication. The MI202 can be used in conjunction with an Apple iPhone or iPod with 30-pin connector and iOS. 5.0 or later, e.g. fourth generation iPhone or iPod.

The MI 204 can be used in conjunction with an Apple iPhone or iPod with Lightning connector, e.g. fifth generation iPhone or iPod.

(The MI 204 is also available together with an Apple iPod touch and a cover.)

TM05 3887 1612 - TM05 7704 1513

Fig. 74 MI 202 and MI 204

Supplied with the product:

- Grundfos MI 202 or MI 204
- sleeve
- quick guide
- charger cable.

MI 301

The MI 301 is a module with built-in infrared and radio communication. The MI 301 can be used in conjunction with Android or iOS-based smart devices with a Bluetooth connection. The MI 301 has rechargeable Li-ion battery and must be charged separately.

TM05 3890 1712

Fig. 75 MI 301

Supplied with the product:

- Grundfos MI 301
- sleeve
- battery charger
- quick guide.

Product numbers

Grundfos GO Remote variant	Product number
Grundfos MI 202	98046376
Grundfos MI 204	98424092
Grundfos MI 204 including iPod touch	98612711
Grundfos MI 301	98046408

CIU communication interface units

GrA 6118

Fig. 76 Grundfos CIU communication interface unit

The CIU units enable communication of operating data, such as measured values and setpoints, between CRE, CRIE, CRNE pumps and a building management system. The CIU unit incorporates a 24-240 VAC/VDC power supply module and a CIM module. It can either be mounted on a DIN rail or on a wall.

We offer the following CIU units:

CIU 100

For communication via LonWorks.

CIU 150

For communication via PROFIBUS DP.

CIU 200

For communication via Modbus RTU.

CIU 250

For wireless communication via GSM/GPRS.

CIU 271

For communication via Grundfos Remote Management (GRM).

CIU 300

For communication via BACnet MS/TP.

Description	Fieldbus protocol	Product number
CIU 100	LonWorks	96753735
CIU 150	PROFIBUS DP	96753081
CIU 200	Modbus RTU	96753082
CIU 250*	GSM/GPRS	96787106
CIU 271*	GRM	96898819
CIU 300	BACnet MS/TP	Contact Grundfos

* Antenna not included. See below.

Antennas for CIU 250 and 270

Description	Product number
Antenna for roof	97631956
Antenna for desk	97631957

For further information about data communication via CIU units and fieldbus protocols, see the CIU documentation available at www.grundfos.com (Grundfos Product Center).

CIM communication interface modules

GrA 6121

Fig. 77 Grundfos CIM communication interface module

The CIM modules enable communication of operating data, such as measured values and setpoints, between CRE, CRIE or CRNE pumps of 11-22 kW and a building management system. The CIM modules are add-on communication modules which are fitted in the terminal box of CRE, CRIE, CRNE pumps of 11-22 kW.

Note: CIM modules must be fitted by authorised persons.

We offer the following CIM modules:

CIM 100

For communication via LonWorks.

CIM 150

For communication via PROFIBUS DP.

CIM 200

For communication via Modbus RTU.

CIM 250

For wireless communication via GSM/GPRS.

CIM 271

For communication via Grundfos Remote Management (GRM).

CIM 300

For communication via BACnet MS/TP.

Description	Fieldbus protocol	Product number
CIM 100	LonWorks	96824797
CIM 150	PROFIBUS DP	96824793
CIM 200	Modbus RTU	96824796
CIM 250*	GSM/GPRS	96824795
CIM 271*	GRM	96898815
CIM 300	BACnet MS/TP	Contact Grundfos

* Antenna not included. See below.

Antennas for CIM 250 and 270

Description	Product number
Antenna for roof	97631956
Antenna for desk	97631957

For further information about data communication via CIM modules and fieldbus protocols, see the CIM documentation available at www.grundfos.com (Grundfos Product Center).

MP 204 motor protector

TM03 1471 2205

Fig. 78 MP 204

The MP 204 is an electronic motor protector and data collecting unit. Apart from protecting the motor, it can also send information to a control unit via GENIbus, like for instance:

- trip
- warning
- energy consumption
- input power
- motor temperature.

The MP 204 protects the motor primarily by measuring the motor current by means of a true RMS measurement.

The pump is protected secondarily by measuring the temperature with a Tempcon sensor, a Pt100/Pt1000 sensor and a PTC sensor/thermal switch.

The MP 204 is designed for single- and three-phase motors.

Note: The MP 204 must not be used together with frequency converters.

Features

- Phase-sequence monitoring
- indication of current or temperature
- input for PTC sensor/thermal switch
- indication of temperature in °C or °F
- 4-digit, 7-segment display
- setting and status reading with the Grundfos R100 remote control
- setting and status reading via the Grundfos GENIbus fieldbus.

Tripping conditions

- Overload
- underload (dry running)
- temperature
- missing phase
- phase sequence
- overvoltage
- undervoltage
- power factor (cos φ)
- current unbalance.

Warnings

- Overload
- underload
- temperature
- overvoltage
- undervoltage
- power factor (cos φ)
- run capacitor (single-phase operation)
- starting capacitor (single-phase operation)
- loss of communication in network
- harmonic distortion.

Learning function

- Phase sequence (three-phase operation)
- run capacitor (single-phase operation)
- starting capacitor (single-phase operation)
- identification and measurement of Pt100/Pt1000 sensor circuit.

Product number

Description	Product number
MP 204 motor protection	96079927

16. Variants

Lists of variants on request

Although the Grundfos CR(E)-H, CRN(E)-H product range offers a number of pumps for different applications, customers require specific pump solutions to satisfy their needs.

Below please find the range of options available for customizing the CR(E)-H, CRN(E)-H pumps to meet the customers' demands. Contact Grundfos for further information or for requests other than the ones mentioned below.

Motors

Variant	Description
Explosion-proof motors	For operation in hazardous atmospheres, explosion-proof or dust-ignition-proof motors may be required.
Motors with anti-condensation heating unit	For operation in humid environments motors with built-in anti-condensation heating may be required.
Different motor brand	If technically possible, Grundfos can fit the pump with a motor of a brand other than the standard. This will normally increase the time of delivery. Alternatively, the pump can be supplied without a motor (motor thrust rating must be checked).
Oversized motor	Ambient temperatures above 104 °F or installation at altitudes of more than 3280 ft above sea level require the use of an oversized motor (i.e. derating).
4-pole motors	Grundfos offers standard motors fitted with 4-poles.

Connections and other variants

Variant	Description
Pipe connections	In addition to the wide range of standard flange connections, DIN standard flanges are available. Customized flanges are available according to specifications.
Electropolished pumps	To substantially reduce the risk of corrosion of the materials. For use in the pharmacentical/food industry.

Shaft seals

Variant	Description
Shaft seal with FFKM O-ring material	We recommend shaft seals with FFKM or FXM o-ring material for applications where the pumped liquid may damage the standard O-ring material.
Seal with flush, quench seal	Recommended for applications involving crystallizing, hardening or sticky liquids.
Cool-Top® shaft seal system	Recommended for applications involving extremely high temperatures. No conventional mechanical shaft seal can withstand liquid temperatures of up to 356 °F for any length of time. For that type of application, we recommend Grundfos' unique air-cooled shaft seal system. In order to ensure a low liquid temperature around the standard shaft seal, the pump is fitted with a special air-cooled shaft seal chamber. No separate cooling is required.
Double shaft seal with pressure chamber	Recommended for applications involving poisonous or explosive liquids. Protects the surrounding environment and the people working in the vicinity of the pump. Consists of two seals mounted in a "back-to-back" arrangement inside a separate pressure seal chamber. As the pressure in the chamber is higher than the pump pressure, leakage is prevented. A dosing pump or a special pressure-intensifier generates the seal chamber pressure.
CRN MAGdrive	Magnetically driven pumps for industrial applications. Key applications are industrial processes involving the handling of aggressive, environmental, dangerous or volatile liquids, e.g. organic compounds, solvents, etc.

Pumps

Variant	Description
Low-temperature pump to -4 °F	Exposed to temperatures down to -40 °F, coolant pumps may require neck-rings with a different diameter in order to prevent impeller drag.
Low-NPSH pump (improved suction)	Recommended for boiler-feed applications where cavitation may occur due to poor inlet conditions.
Belt-driven pumps	Belt-driven pumps designed to operate in places with limited space or where no electrical power is available.
Pumps for pharmaceutical and biotechnological applications	CRN(E) pumps designed for applications requiring the sterilization and CIP capability of pipes, valves and pumps. (CIP = Cleaning-In-Place).

17. Grundfos Product Center

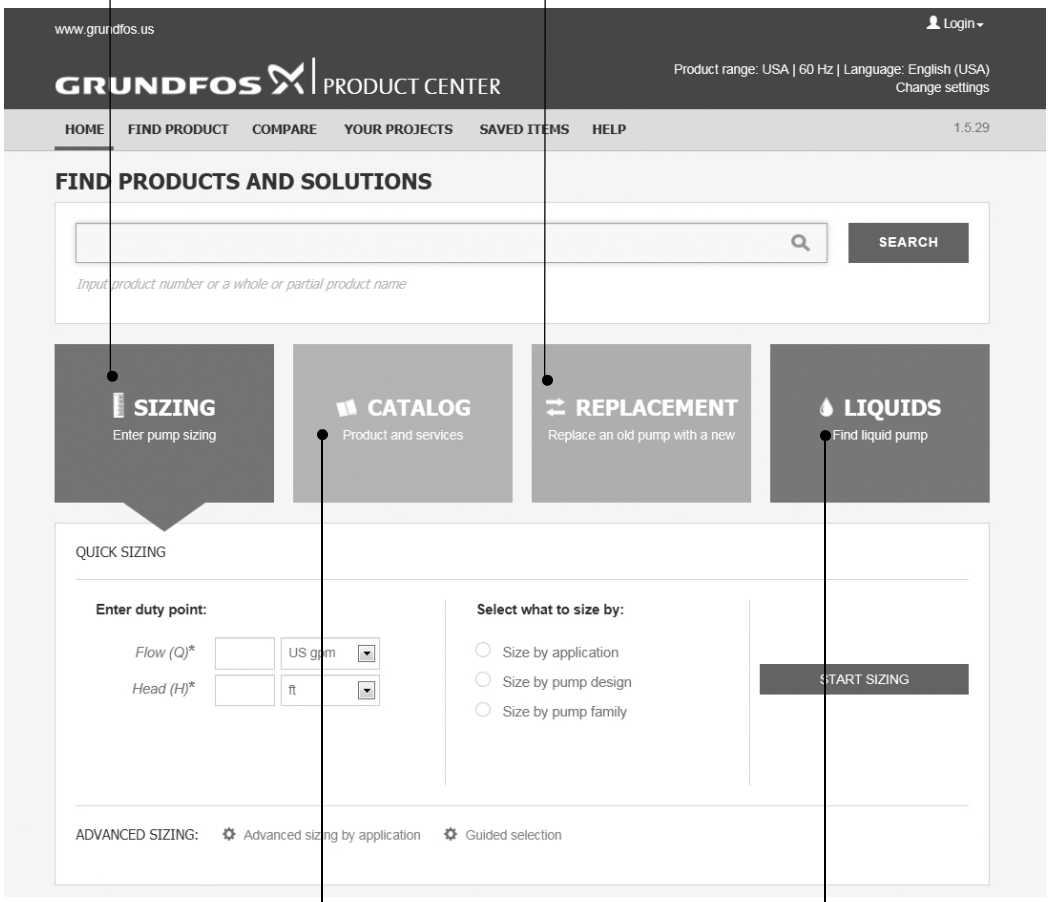
Online search and sizing tool to help you make the right choice.

http://product-selection.grundfos.com

"SIZING" enables you to size a pump based on entered data and selection choices.

"REPLACEMENT" enables you to find a replacement product.
Search results will include information on

- the lowest purchase price
- the lowest energy consumption
- the lowest total life cycle cost.



"CATALOG" gives you access to the Grundfos product catalog.

"LIQUIDS" enables you to find pumps designed for aggressive, flammable or other special liquids.

All the information you need in one place

Performance curves, technical specifications, pictures, dimensional drawings, motor curves, wiring diagrams, spare parts, service kits, 3D drawings, documents, system parts. The Product Center displays any recent and saved items - including complete projects - right on the main page.

Downloads

On the product pages, you can download Installation and Operating Instructions, Data Booklets, Service Instructions, etc. in PDF format.

Grundfos GO

Mobile solution for professionals on the GO!

Grundfos GO is the mobile tool box for professional users on the go. It is the most comprehensive platform for mobile pump control and pump selection including sizing, replacement and documentation. It offers intuitive, handheld assistance and access to Grundfos online tools, and it saves valuable time for reporting and data collection.

GET IT ON Google play

Available on the App Store

18. Submittal data

Client information

Project title:	Client name:
Reference number:	Client number:
Client contact:	Client phone number: ( )

Location information

For:	Unit:		
Site:	Service:		
Address:	City:	State:	Zip code:

Application information

Operating conditions	Max.	Norm.	Min.	Pumped fluid	Rated	Max.	Norm.
				Fluid type:			
Capacity (gpm)				Fluid temperature (°F)			
Inlet pressure (psig)				at designated temperature			
Outlet pressure (psig)				Specific gravity			
Differential head (ft)				Vapor pressure (psia)			
Hydraulic power at designated capacity				Viscosity (cp)			
NPSH available (ft)							

	Fluid ph:	Chlorides (ppm):
Service	Hazardous:	Corrosion/erosion caused by:
Continuous	Flammable:	
Intermittent (starts/day):	Other:	

Pump information

Model information from Type Key and Codes:

Quantity required:

Minimum required flow:

NPSH required at duty point:

Product Guide additional information pages

Materials page number:	Performance curve page number:
Technical data page number:	Motor data page number:

Motor information

Hp:	Phase:	Voltage:	Enclosure:

Custom-built pump information (optional):

Additional information

19. Quotation text

CR-H, CRN-H, CRE-H, CRNE-H

Horizontal, non-self-priming, multistage, end-suction, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- impellers and intermediate chambers are made of AISI _____ stainless steel
- pump head and volute are made of _____
- power transmission is via cast iron split coupling.
- pipe connection is via _____

The motor is a _____ -phase AC motor.

Technical

Rated flow:	_____ gpm
Rated head:	_____ ft
Minimum liquid temperature:	_____ °F
Maximum liquid temperature:	_____ °F
Type of shaft seal:	_____

Materials

Material, pump housing:	_____
Material, shaft:	AISI_____ stainless steel
Material, impeller:	AISI_____ stainless steel
Material, sleeve:	AISI_____ stainless steel
Material, seal metal:	AISI_____ stainless steel
– seal face:	_____
– seal face:	_____
– seal elastomer:	_____

Installation

Maximum ambient temperature:	_____ °F
Maximum pressure at stated temp.:	_____ psi / °F
Standard, pipe connection:	_____
Size, pipe connection:	_____
Rated pressure, pipe connection:	_____ psi
Frame size for motor:	_____ NEMA

Electrical data

Motor type:	_____
Rated power (P2):	_____ Hp
Frequency:	_____ Hz
Rated voltage:	_____ V
Rated current:	_____ A
Service factor:	_____
Starting current:	_____ A
Rated speed:	_____ rpm
Full load motor efficiency:	_____ %
Insulation class:	_____

Additional

Gross weight:	_____ lbs.
Shipping volume:	_____ ft^3
Model:	_____

be think innovate

98665987 0518
ECM: 1233699

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Fax: 011-52-81-8144 4010
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