

**Approximate Dimensions and Shipping Weights**  
**Open Type Controllers**

Dimensions are in millimeters (inches).  
 Dimensions are not intended for manufacturing purposes.

Rating [A]	Height	Width	Depth	Weight
5...85	321 (12.6)	150 (5.9)	203 (8.0)	5.7 kg (12.6 lbs)
108...135	443.7 (17.47)	196.4 (7.74)	205.2 (8.08)	15.0 kg (33 lbs)
201...251	560 (22.05)	225 (8.86)	253.8 (9.99)	30.4 kg (67 lbs)
317...480	600 (23.62)	290 (11.42)	276.5 (10.89)	45.8 kg (101 lbs)
625...780	1041.1 (41.0)	596.9 (23.5)	346.2 (13.63)	179 kg (395 lbs)
970...1250	1041.1 (41.0)	596.9 (23.5)	346.2 (13.63)	224 kg (495 lbs)

**Enclosed-Type Line-Connected Controllers**

Factory-installed options may affect enclosure size requirements.  
 Exact dimensions can be obtained after order entry. Please consult your local Rockwell Automation sales office or Allen-Bradley distributor.  
 Dimensions are in millimeters (inches). Dimensions are not intended for manufacturing purposes.

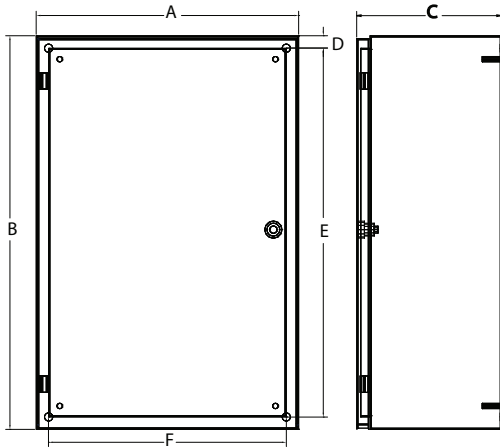


Figure 1 — Wall-Mount

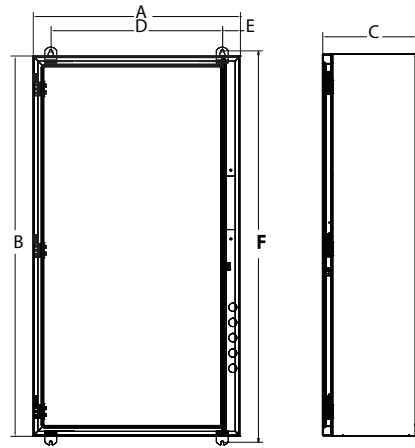


Figure 2 — Wall-Mount

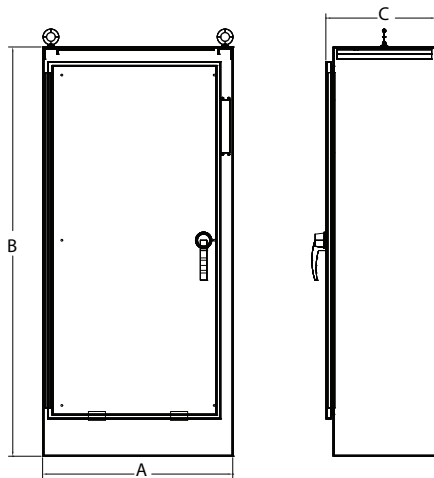


Figure 3 — Floor-Mount

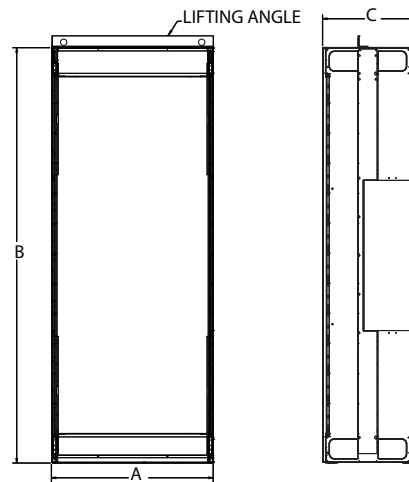


Figure 4 — Floor-Mount

Bulletin 150  
**SMC™ Flex Smart Motor Controllers**  
 Approximate Dimensions

Controller Rating [A]	Bulletin	With Option	Dimension Figure No.	Dimensions in inches (mm)					
				A (Width)	B (Height)	C (Depth)	D (Mtg. Dim.)	E (Mtg. Dim.)	F (Mtg. Dim.)
<b>SMC-Flex Combination Controller</b>									
5...25	152H,152B,153H,153B	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)
		BP,NB,NI,6_		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
43	152H,152B,153H,153B	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)
		BP, 6_		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
		NI, NB		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
60	153H,153B	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)
	152H, 153H,153B	6_		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
	152H,152B	—		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
	152H,152B,153H,153B	NI, NB		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
85	153H,153B	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)
	152H,152B	—		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
	152H,153H,153B	6_		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
	153H	BP		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)
		BP, 6_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
	152H,152B,153B	BP,NB,NI		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
108	152H,153H	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)
		6_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
	152H,152B,153H,153B	BP, NB,NI		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
135	152H,153H	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)
		6_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
	152H,152B,153H,153B	BP, NB,NI		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
201	152H,153H	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)
		6_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
	152H,152B,153H,153B	BP, NB,NI		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
251	152H,153H	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)
		6_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)
	152H,152B,153H,153B	BP, NB,NI		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
317	153H	—	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)
		6_		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
		BP,NB		36 (914)	60 (1524)	14 (356)		58.5 (1486)	34.5 (876)
	153B	—	2	36 (914)	60 (1524)	14 (356)	33.88 (861)	58.5 (1486)	34.5 (876)
		6_		38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
	152H,152B	—		38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
	152H,152B,153B	NB,NI	3	40 (1016)	84 (2134)	18 (457)	—	—	—
361	153H	—	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)
		6_		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
		BP		36 (914)	60 (1524)	14 (356)		58.5 (1486)	34.5 (876)
	153B	—	2	36 (914)	60 (1524)	14 (356)	33.88 (861)	58.5 (1486)	34.5 (876)
		6_		38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
	152H, 152B	—		38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
	152H,152B,153H,153B	NB,NI	3	40 (1016)	84 (2134)	18 (457)	—	—	—
480	153H	—	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)
		6_		36 (914)	51 (1295)	14 (356)		49.5 (1257)	34.5 (876)
	153H,153B	BP,NI	1‡	36 (914)	60 (1524)	14 (356)	33.88 (861)	58.5 (1486)	34.5 (876)
		—	2*§	38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
		BP	2*§	38 (965)	60 (1524)	17 (431)		1.75 (45)	61.69 (1567)
		NB	3*§	40 (1016)	84 (2134)	18 (457)		—	—
		—	4*♣	20 (508)	91.5 (2324)	20 (508)		—	—
	153H,153B	BP,NB,NI	3*♣	40 (1016)	84 (2134)	18 (457)	—	—	
	152B	BP,NB,NI,6_	3*	40 (1016)	84 (2134)	18 (457)	—	—	
	152H,152B	BP,NB,NI	4	35 (889)	91.5 (2324)	20 (508)	—	—	
625	152B	—	4	55 (1397)	91.5 (2324)	20 (508)	—	—	—
	152H,152B,153H,153B	NB		105 (2664)	91.5 (2324)	20 (508)		—	—
		—		55 (1397)	91.5 (2324)	20 (508)		—	—
	152H	BP		70 (1778)	91.5 (2324)	20 (508)		—	—
	153H,153B	—	4	65 (1651)	91.5 (2324)	20 (508)	—	—	—
	152H,152B	—		55 (1397)	91.5 (2324)	20 (508)		—	—
	152H,152B	BP,NI		70 (1778)	91.5 (2324)	20 (508)		—	—
	152H,152B,153H,153B	NB		105 (2664)	91.5 (2324)	20 (508)		—	—
780	153H,153B	—	4	65 (1651)	91.5 (2324)	20 (508)	—	—	—

\* Assumed line voltage to be 480V AC. Different voltage may necessitate a bigger enclosure size. Consult your local Rockwell Automation sales office or Allen-Bradley distributor.

‡ 350 Hp max.

§ 150 Hp @ 208V AC, 350 Hp @480V, 400...450 Hp @ 600V

♣ 200 Hp @ 240V AC, 400 Hp @480V, 500 Hp @ 600V

# SMC™ Flex Smart Motor Controllers

## Approximate Dimensions

Controller Rating [A]	Bulletin	With Option	Dimension Figure No.	Dimensions in inches (mm)						
				A (Width)	B (Height)	C (Depth)	D (Mtg. Dim.)	E (Mtg. Dim.)	F (Mtg. Dim.)	
<b>Non-Combination Controller</b>										
5...43	150	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)	
		6_	1★	16 (406)	24 (610)	10 (254)		22.5 (572)	14.5 (368)	
		BP	1	24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
	150, 150B	NB,NI	1	24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
	150	NB,6P_	1‡	30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)	
60	150	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)	
		150B		—	24 (610)	30 (762)		12 (305)	28.5 (724)	22.5 (572)
		BP		—	24 (610)	30 (762)		12 (305)	28.5 (724)	22.5 (572)
	150	6_	1‡	24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
		NB	1	24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
		NI		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)	
85	150	—	1	16 (406)	24 (610)	10 (254)	0.75 (19)	22.5 (572)	14.5 (368)	
		150B		—	24 (610)	30 (762)		12 (305)	28.5 (724)	22.5 (572)
		BP		—	24 (610)	30 (762)		12 (305)	28.5 (724)	22.5 (572)
	150	NB	1‡	24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
		6_		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
		NB,NI,6P_		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)	
108	150	—	1	24 (610)	30 (762)	12 (305)	0.75 (19)	28.5 (724)	22.5 (572)	
		BP		—	30 (762)	38 (965)		14 (356)	36.5 (927)	28.5 (724)
		NB		—	30 (762)	38 (965)		14 (356)	36.5 (927)	28.5 (724)
	150B	—	1‡	30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)	
		NB,NI		—	36 (914)	51 (1295)		14 (356)	49.5 (1257)	34.5 (876)
		—		24 (610)	30 (762)	12 (305)		28.5 (724)	22.5 (572)	
135	150	—	1	24 (610)	30 (762)	12 (305)	0.75 (19)	28.5 (724)	22.5 (572)	
		BP		—	30 (762)	38 (965)		14 (356)	36.5 (927)	28.5 (724)
	150B	—		30 (762)	38 (965)	14 (356)		36.5 (927)	28.5 (724)	
	150	NB		—	30 (762)	38 (965)		14 (356)	36.5 (927)	28.5 (724)
	150B	NB,NI		—	36 (914)	51 (1295)		14 (356)	49.5 (1257)	34.5 (876)
201	150	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)	
	150,150B	NB,NI,BP,6_		—	36 (914)	51 (1295)		14 (356)	49.5 (1257)	34.5 (876)
251	150	—	1	30 (762)	38 (965)	14 (356)	0.75 (19)	36.5 (927)	28.5 (724)	
	150,150B	NB,NI,BP,6_		—	36 (914)	51 (1295)		14 (356)	49.5 (1257)	34.5 (876)
317	150	NB,NI,BP,6_	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)	
	150B	NB,NI,BP,6_		—	36 (914)	60 (1524)		14 (356)	58.5 (1486)	34.5 (876)
361	150	NB,NI,BP,6_	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)	
	150B	NB,NI,BP,6_		—	36 (914)	60 (1524)		14 (356)	58.5 (1486)	34.5 (876)
480	150	—	1	36 (914)	51 (1295)	14 (356)	0.75 (19)	49.5 (1257)	34.5 (876)	
	150, 150B	BP,NB,NI		—	36 (914)	60 (1524)		14 (356)	58.5 (1486)	34.5 (876)
625	150	—	4	35 (889)	91.5 (2324)	20 (508)	—	—	—	
		BP,NB		—	60 (1524)	91.5 (2324)				20 (508)
	150B	—		—	60 (1524)	91.5 (2324)				20 (508)
		NB		—	90 (2286)	91.5 (2324)				20 (508)
780	150	—	4	35 (889)	91.5 (2324)	20 (508)	—	—	—	
		BP,NB		—	60 (1524)	91.5 (2324)				20 (508)
	150B	—		—	60 (1524)	91.5 (2324)				20 (508)
		NB		—	90 (2286)	91.5 (2324)				20 (508)

★ Extra capacity transformer may require a larger enclosure; consult your local Rockwell Automation sales office or Allen-Bradley distributor.

‡ 1 kVA control transformers or larger extra capacity transformers may require a larger enclosure; consult your local Rockwell Automation sales office or Allen-Bradley distributor.