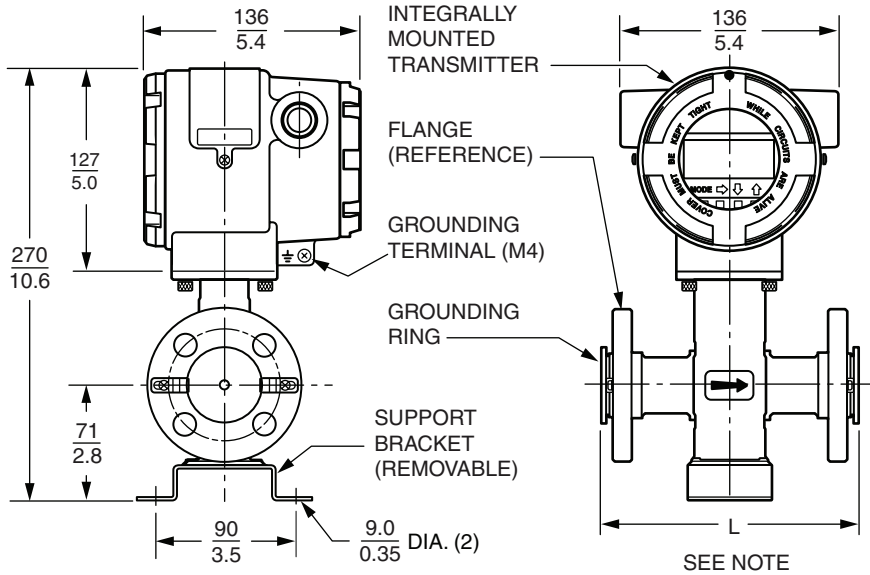


# MAG2IC Intelligent Magnetic Flowtube with Integrally Mounted Transmitter

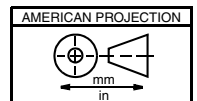
## MODEL MAG2IC FLOWMETER - FLANGED BODY - 2.5 to 15 mm (0.1 to 1/2 in) SIZES



**NOTE**

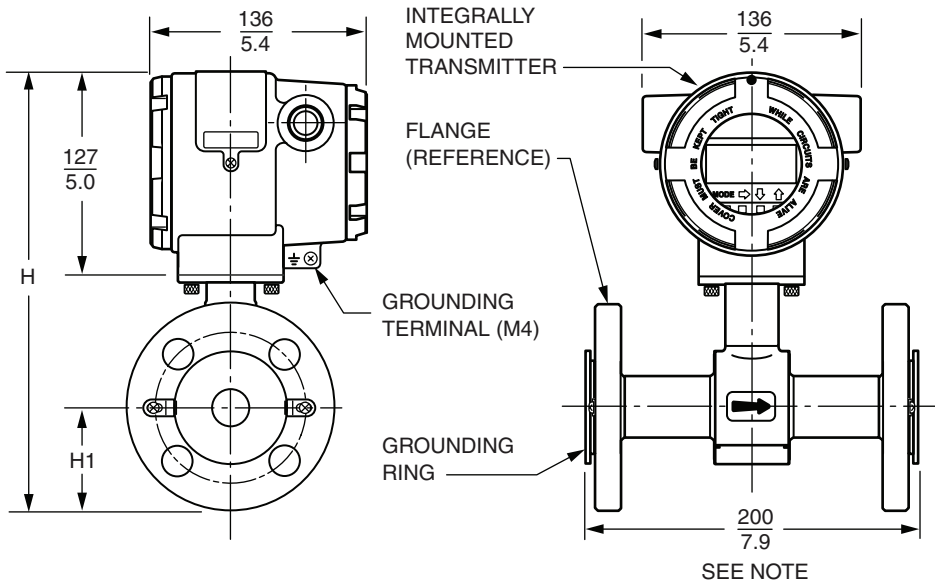
1. With 316 ss Grounding Ring, add 3 mm (0.1 in) to the Face-to-Face Dimension.
2. For other than a 316 ss Grounding Ring, the 3 mm (0.1 in) Dimension is included in the Face-to-Face Dimension.
3. The 3 mm (0.1 in) represents the teflon gasket thickness.

Nominal Line Size	Flange	Dim L	Number of Bolt Holes	Bolt Hole Dia	Bolt Circle Dia
2.5 to 10 mm (0.1 to 3/8 in)	ANSI 150	$\frac{160}{6.3}$	4	$\frac{16}{0.63}$	$\frac{60.5}{2.38}$
	ANSI 300	$\frac{160}{6.3}$		$\frac{16}{0.63}$	$\frac{66.5}{2.62}$
	DIN PN 10/16	$\frac{160}{6.3}$		$\frac{14}{0.55}$	$\frac{65.0}{2.56}$
	DIN PN 25/40	$\frac{160}{6.3}$		$\frac{14}{0.55}$	$\frac{65.0}{2.56}$
15 mm (1/2 in)	ANSI 150	$\frac{200}{7.9}$	4	$\frac{16}{0.63}$	$\frac{60.5}{2.38}$
	ANSI 300	$\frac{200}{7.9}$		$\frac{16}{0.63}$	$\frac{66.5}{2.62}$
	DIN PN 10/16	$\frac{200}{7.9}$		$\frac{14}{0.55}$	$\frac{65.0}{2.56}$
	DIN PN 25/40	$\frac{200}{7.9}$		$\frac{14}{0.55}$	$\frac{65.0}{2.56}$



For dimensional information specific to your sales order, refer to Certified Dimensional Prints (CDPs) which can be ordered from your Foxboro Sales Office or authorized factory representative.

**MODEL MAG2IC FLOWMETER - FLANGED BODY - 25 mm (1 in) SIZE**

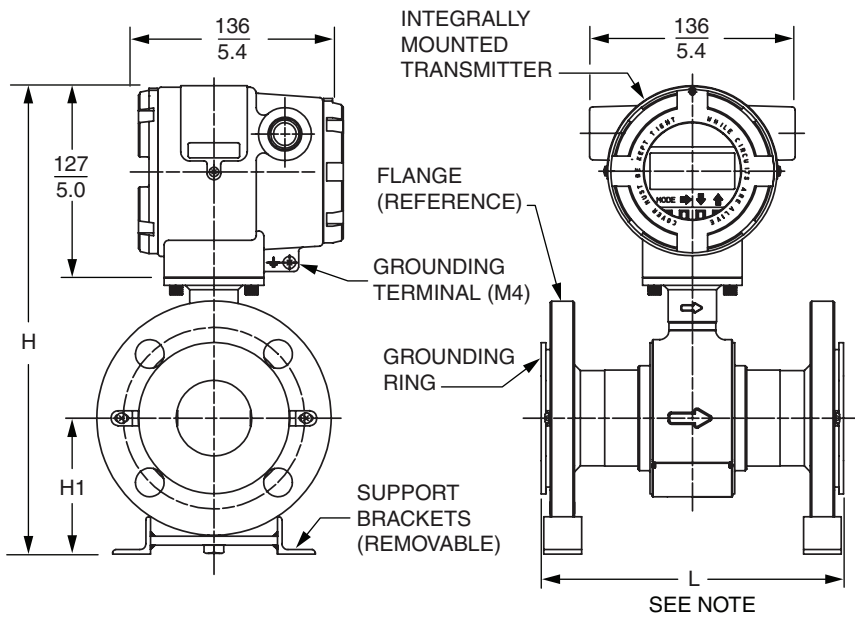


**NOTE**

1. With 316 ss Grounding Ring, add 3 mm (0.1 in) to the Face-to-Face Dimension.
2. For other than a 316 ss Grounding Ring, the 3 mm (0.1 in) Dimension is included in the Face-to-Face Dimension.
3. The 3 mm (0.1 in) represents the teflon gasket thickness.

Nominal Line Size	Flange	Dim H	Dim H1	Number of Bolt Holes	Bolt Hole Dia	Bolt Circle Dia
25 mm (1 in)	ANSI 150	$\frac{258}{10.2}$	$\frac{54}{2.1}$	4	$\frac{16}{0.63}$	$\frac{79}{3.1}$
	ANSI 300	$\frac{266}{10.5}$	$\frac{62}{2.4}$	4	$\frac{20}{0.79}$	$\frac{89}{3.5}$
	DIN PN 10/16	$\frac{262}{10.3}$	$\frac{58}{2.3}$	4	$\frac{14}{0.55}$	$\frac{85}{3.4}$
	DIN PN 25/40	$\frac{262}{10.3}$	$\frac{58}{2.3}$	4	$\frac{14}{0.55}$	$\frac{85}{3.4}$

**MODEL MAG2IC FLOWMETER - FLANGED BODY - 40 to 100 mm (1 1/2 to 4 in) SIZES**



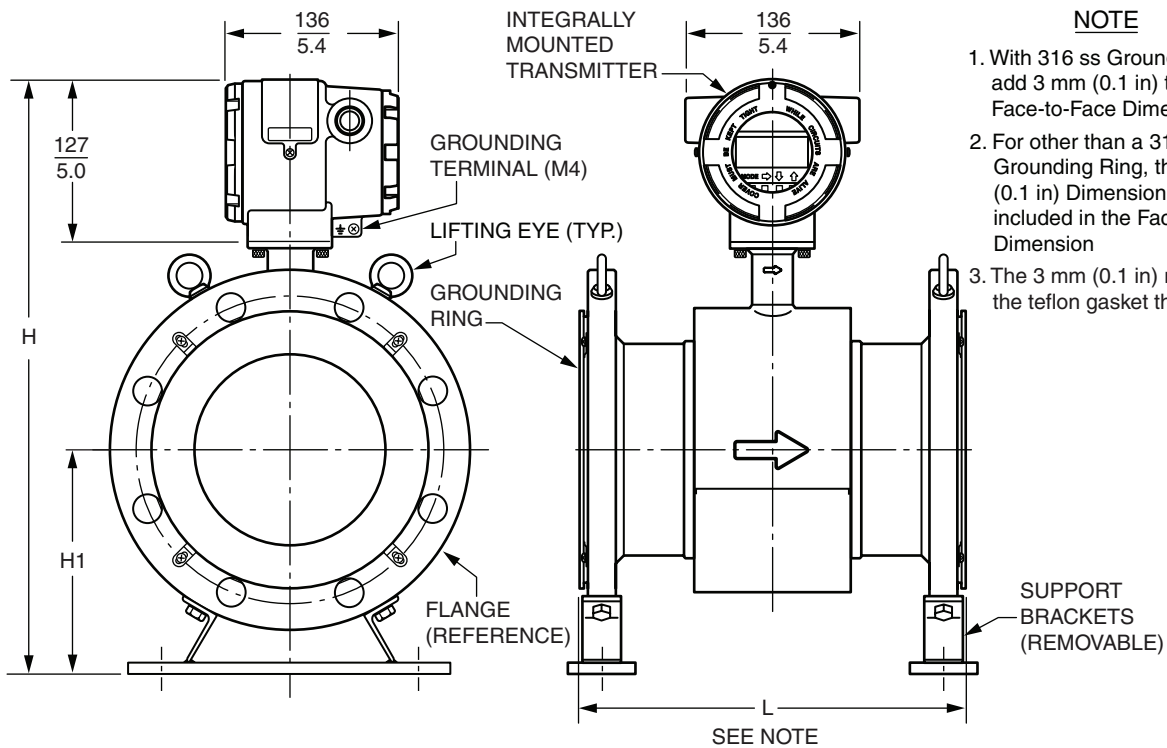
**NOTE**

1. With 316 ss Grounding Ring, add 3 mm (0.1 in) to the Face-to-Face Dimension.
2. For other than a 316 ss Grounding Ring, the 3 mm (0.1 in) Dimension is included in the Face-to-Face Dimension.
3. The 3 mm (0.1 in) represents the teflon gasket thickness.

Nominal Line Size	Flange	Dim L	DIM H	DIM H1	Number of Bolt Holes	Bolt Hole Dia	Bolt Circle Dia
40 mm (1 1/2 in)	ANSI 150	$\frac{200}{7.9}$	$\frac{288}{11.3}$	$\frac{77}{3.0}$	4	$\frac{16}{0.63}$	$\frac{99}{3.9}$
	ANSI 300	$\frac{200}{7.9}$	$\frac{305}{12.0}$	$\frac{94}{3.7}$	4	$\frac{23}{0.91}$	$\frac{114}{4.5}$
	DIN PN 10/16	$\frac{200}{7.9}$	$\frac{302}{11.9}$	$\frac{91}{3.6}$	4	$\frac{18}{0.71}$	$\frac{110}{4.3}$
	DIN PN 25/40	$\frac{200}{7.9}$	$\frac{302}{11.9}$	$\frac{91}{3.6}$	4	$\frac{18}{0.71}$	$\frac{110}{4.3}$
50 mm (2 in)	ANSI 150	$\frac{200}{7.9}$	$\frac{308}{12.1}$	$\frac{88}{3.5}$	4	$\frac{20}{0.79}$	$\frac{121}{4.8}$
	ANSI 300	$\frac{200}{7.9}$	$\frac{316}{12.4}$	$\frac{96}{3.8}$	8	$\frac{20}{0.79}$	$\frac{127}{5.0}$
	DIN PN 10/16	$\frac{200}{7.9}$	$\frac{316}{12.4}$	$\frac{96}{3.8}$	4	$\frac{18}{0.71}$	$\frac{125}{4.9}$
	DIN PN 25/40	$\frac{200}{7.9}$	$\frac{316}{12.4}$	$\frac{96}{3.8}$	4	$\frac{18}{0.71}$	$\frac{125}{4.9}$
65 mm (2 1/2 in)	ANSI 150	$\frac{200}{7.9}$	$\frac{330}{13.0}$	$\frac{103}{4.1}$	4	$\frac{20}{0.79}$	$\frac{140}{5.5}$
	ANSI 300	$\frac{200}{7.9}$	$\frac{338}{13.3}$	$\frac{111}{4.4}$	8	$\frac{23}{0.91}$	$\frac{149}{5.9}$
	DIN PN 10/16	$\frac{200}{7.9}$	$\frac{334}{13.2}$	$\frac{107}{4.2}$	4	$\frac{18}{0.71}$	$\frac{145}{5.7}$
	DIN PN 25/40	$\frac{200}{7.9}$	$\frac{334}{13.2}$	$\frac{107}{4.2}$	8	$\frac{18}{0.71}$	$\frac{145}{5.7}$

Nominal Line Size	Flange	Dim L	DIM H	DIM H1	Number of Bolt Holes	Bolt Hole Dia	Bolt Circle Dia
80 mm (3 in)	ANSI 150	$\frac{200}{7.9}$	$\frac{346}{13.6}$	$\frac{113}{4.5}$	4	$\frac{20}{0.79}$	$\frac{152}{6.0}$
	ANSI 300	$\frac{200}{7.9}$	$\frac{359}{14.1}$	$\frac{124}{4.9}$	8	$\frac{23}{0.91}$	$\frac{168}{6.6}$
	DIN PN 10/16	$\frac{200}{7.9}$	$\frac{354}{13.9}$	$\frac{119}{4.7}$	8	$\frac{18}{0.71}$	$\frac{160}{6.3}$
	DIN PN 25/40	$\frac{200}{7.9}$	$\frac{354}{13.9}$	$\frac{119}{4.7}$	8	$\frac{18}{0.71}$	$\frac{160}{6.3}$
100 mm (4 in)	ANSI 150	$\frac{250}{9.8}$	$\frac{379}{14.9}$	$\frac{131}{5.2}$	8	$\frac{200}{7.9}$	$\frac{191}{7.5}$
	ANSI 300	$\frac{250}{9.8}$	$\frac{393}{15.5}$	$\frac{145}{5.7}$	8	$\frac{23}{0.91}$	$\frac{200}{7.9}$
	DIN PN 10/16	$\frac{250}{9.8}$	$\frac{374}{14.7}$	$\frac{126}{5.0}$	8	$\frac{18}{0.71}$	$\frac{180}{7.1}$
	DIN PN 25/40	$\frac{250}{9.8}$	$\frac{382}{15.0}$	$\frac{134}{5.3}$	8	$\frac{22}{0.87}$	$\frac{190}{7.5}$

**MODEL MAG2IC FLOWMETER - FLANGED BODY - 150 and 200 mm (6 and 8 in) SIZES**

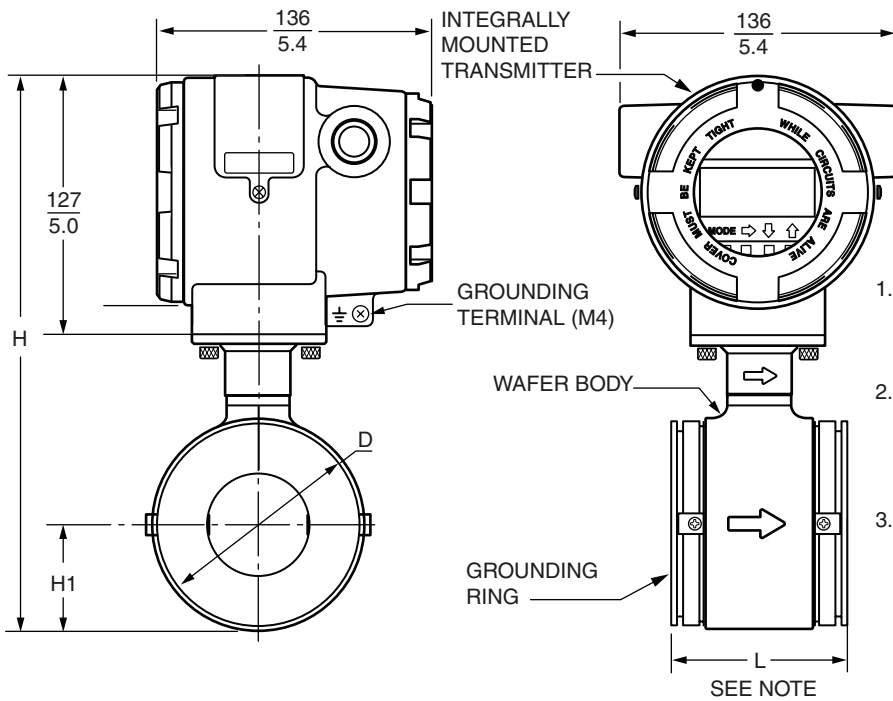


**NOTE**

1. With 316 ss Grounding Ring, add 3 mm (0.1 in) to the Face-to-Face Dimension.
2. For other than a 316 ss Grounding Ring, the 3 mm (0.1 in) Dimension is included in the Face-to-Face Dimension
3. The 3 mm (0.1 in) represents the teflon gasket thickness

Nominal Line Size	Flange	Dim L	DIM H	DIM H1	Number of Bolt Holes	Bolt Hole Dia	Bolt Circle Dia
150 mm (6 in)	ANSI 150	$\frac{300}{11.8}$	$\frac{461}{18.2}$	$\frac{174}{6.9}$	8	$\frac{23}{0.91}$	$\frac{241}{9.5}$
	ANSI 300	$\frac{300}{11.8}$	$\frac{483}{19.0}$	$\frac{196}{7.7}$	12	$\frac{23}{0.91}$	$\frac{270}{10.6}$
	DIN PN 10/16	$\frac{300}{11.8}$	$\frac{465}{18.3}$	$\frac{178}{7.0}$	8	$\frac{22}{0.87}$	$\frac{240}{9.5}$
	DIN PN 25/40	$\frac{300}{11.8}$	$\frac{473}{18.6}$	$\frac{186}{7.3}$	8	$\frac{26}{1.02}$	$\frac{250}{9.8}$
200 mm (8 in)	ANSI 150	$\frac{350}{13.8}$	$\frac{516}{20.3}$	$\frac{204}{8.0}$	8	$\frac{23}{0.91}$	$\frac{298}{11.8}$
	ANSI 300	$\frac{350}{13.8}$	$\frac{537}{21.1}$	$\frac{225}{8.9}$	12	$\frac{26}{1.02}$	$\frac{330}{13.0}$
	DIN PN 10	$\frac{350}{13.8}$	$\frac{514}{20.2}$	$\frac{202}{8.0}$	8	$\frac{22}{0.87}$	$\frac{295}{11.6}$
	DIN PN16	$\frac{350}{13.8}$	$\frac{514}{20.2}$	$\frac{202}{8.0}$	12	$\frac{22}{0.87}$	$\frac{295}{11.6}$
	DIN PN 25	$\frac{350}{13.8}$	$\frac{526}{20.7}$	$\frac{214}{8.4}$	12	$\frac{26}{1.02}$	$\frac{310}{12.2}$
	DIN PN 40	$\frac{350}{13.8}$	$\frac{534}{21.0}$	$\frac{222}{8.7}$	12	$\frac{30}{1.18}$	$\frac{320}{12.6}$

**MODEL MAG21C FLOWMETER - WAFER BODY - 25 to 100 mm (1 to 4 in) SIZES**



**NOTE**

1. With 316 ss Grounding Ring, add 3 mm (0.1 in) to the Face-to-Face Dimension.
2. For other than a 316 ss Grounding Ring, the 3 mm (0.1 in) Dimension is included in the Face-to-Face Dimension.
3. The 3 mm (0.1 in) represents the teflon gasket thickness.

Nominal Flowtube Size	Dimension			
	L	H	H1	D
25 mm (1 in)	$\frac{94}{3.7}$	$\frac{238}{9.4}$	$\frac{34}{1.3}$	$\frac{68}{2.7}$
40 mm (1 1/2 in)	$\frac{80}{3.1}$	$\frac{255}{10.0}$	$\frac{44}{1.7}$	$\frac{87}{3.4}$
50 mm (2 in)	$\frac{86}{3.4}$	$\frac{272}{10.7}$	$\frac{52}{2.00}$	$\frac{104}{4.1}$
65 mm (2 1/2 in)	$\frac{96}{3.8}$	$\frac{289}{11.4}$	$\frac{62}{2.4}$	$\frac{124}{4.9}$
80 mm (3 in)	$\frac{106}{4.2}$	$\frac{302}{11.9}$	$\frac{67}{2.6}$	$\frac{134}{5.3}$
100 mm (4 in)	$\frac{120}{4.7}$	$\frac{327}{12.9}$	$\frac{80}{3.1}$	$\frac{159}{6.3}$

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