

Fisher™ FIELDVUE™ DVC6200 Series

Digital Valve Controllers and Magnet Array Dimensions

Digital Valve Controller	Configuration ⁽¹⁾	Mounting	Figure	Page
DVC6200 DVC6200 SIS DVC6200f DVC6200p	Integral mounting to the Fisher 657/667 size i or GX actuator	With integrally mounted filter regulator	1	2 & 3
	Integral mounting to Fisher rotary actuators			
	Sliding-stem linear applications			
	Quarter-turn rotary applications			
DVC6205 DVC6205 SIS DVC6205f DVC6205p	Remote mount base unit	---	2	4
DVC6515	Remote mount base unit	---	3	5

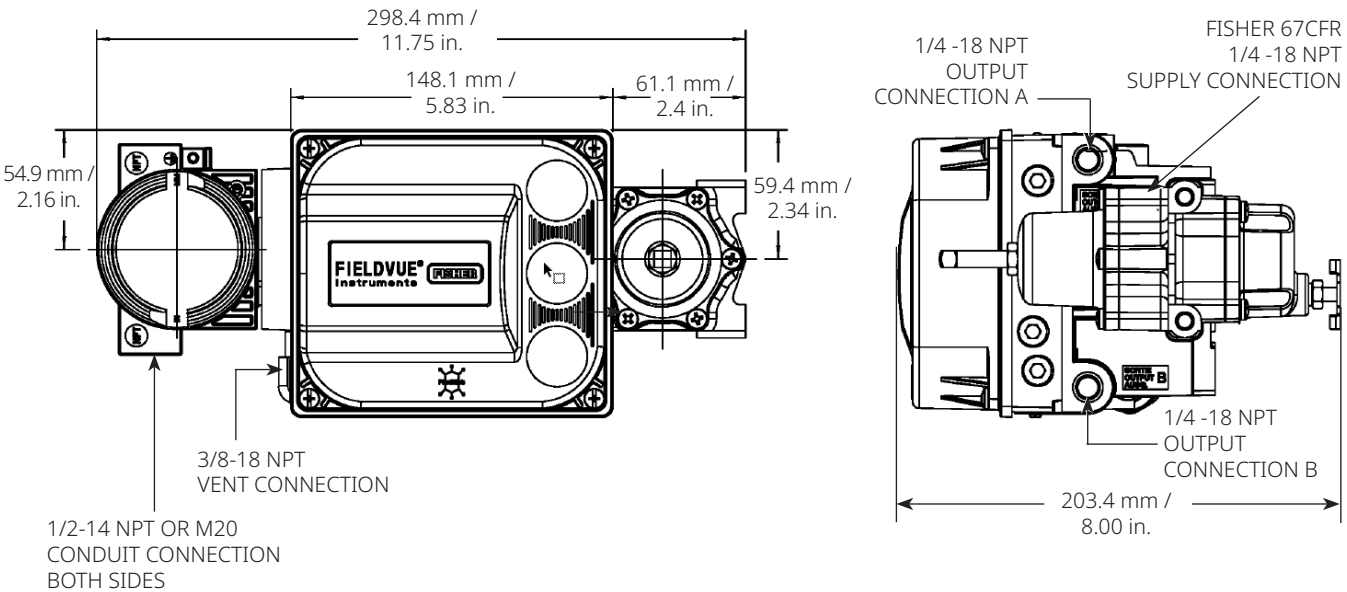
1. DVC6200 digital valve controllers can also be mounted on other actuators that comply with IEC 60534-6-1, IEC 60534-6-2, VDI/VDE 3845 and NAMUR mounting standards.

Magnet Array ⁽¹⁾		Figure	Page
SStem #7	7 mm / 1/4 inch	4	6
SStem #19	19 mm / 3/4 inch	5	6
SStem #25	25 mm / 1 inch	6	7
SStem #38	38 mm / 1-1/2 inch	7	7
SStem #50	50 mm / 2 inch	8	8
SStem #110	110 mm / 4-1/8 inch	9	8
SStem #210	210 mm / 8-1/4 inch	10	9
RShaft #1 / LRC ⁽²⁾	Fisher 2052 Size 2 & 3, 1051/1052 Size 40-70, 1061 Size 30-100, Sliding Stem > 210 mm / 8.25 inches	11	10
RShaft #2 / LRC ⁽²⁾	2052 Size 1, 1051/1052 Size 20-33	11	10
RShaft End	90 degree	12	11

1. Linear magnet array width dimensions are shown in Figure 7.
2. Linear Roller Cam.

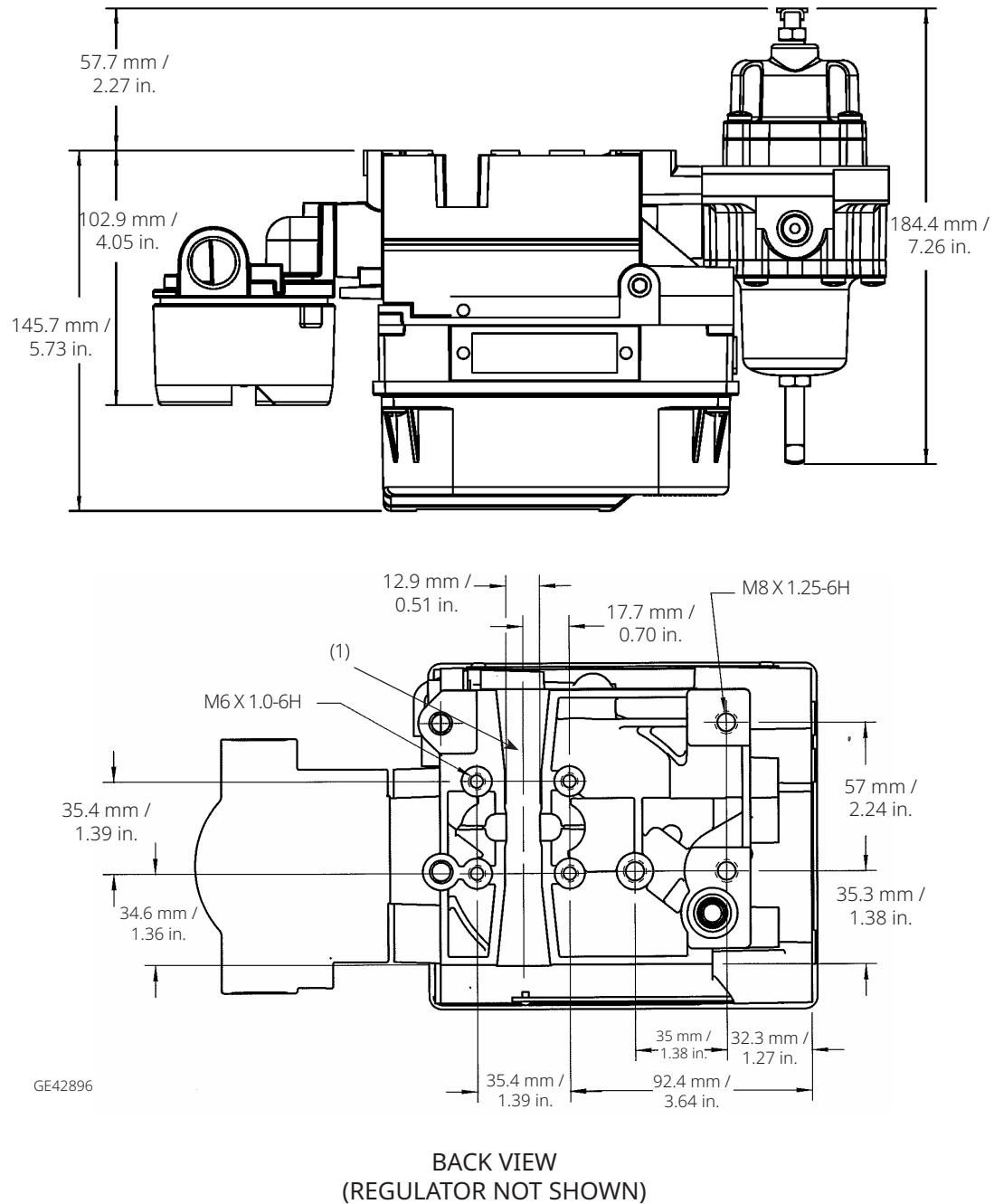
DVC6200 Series Digital Valve Controllers

Figure 1. FIELDVUE DVC6200, DVC6200 SIS, DVC6200f, and DVC6200p Digital Valve Controller with Integrally Mounted Filter Regulator



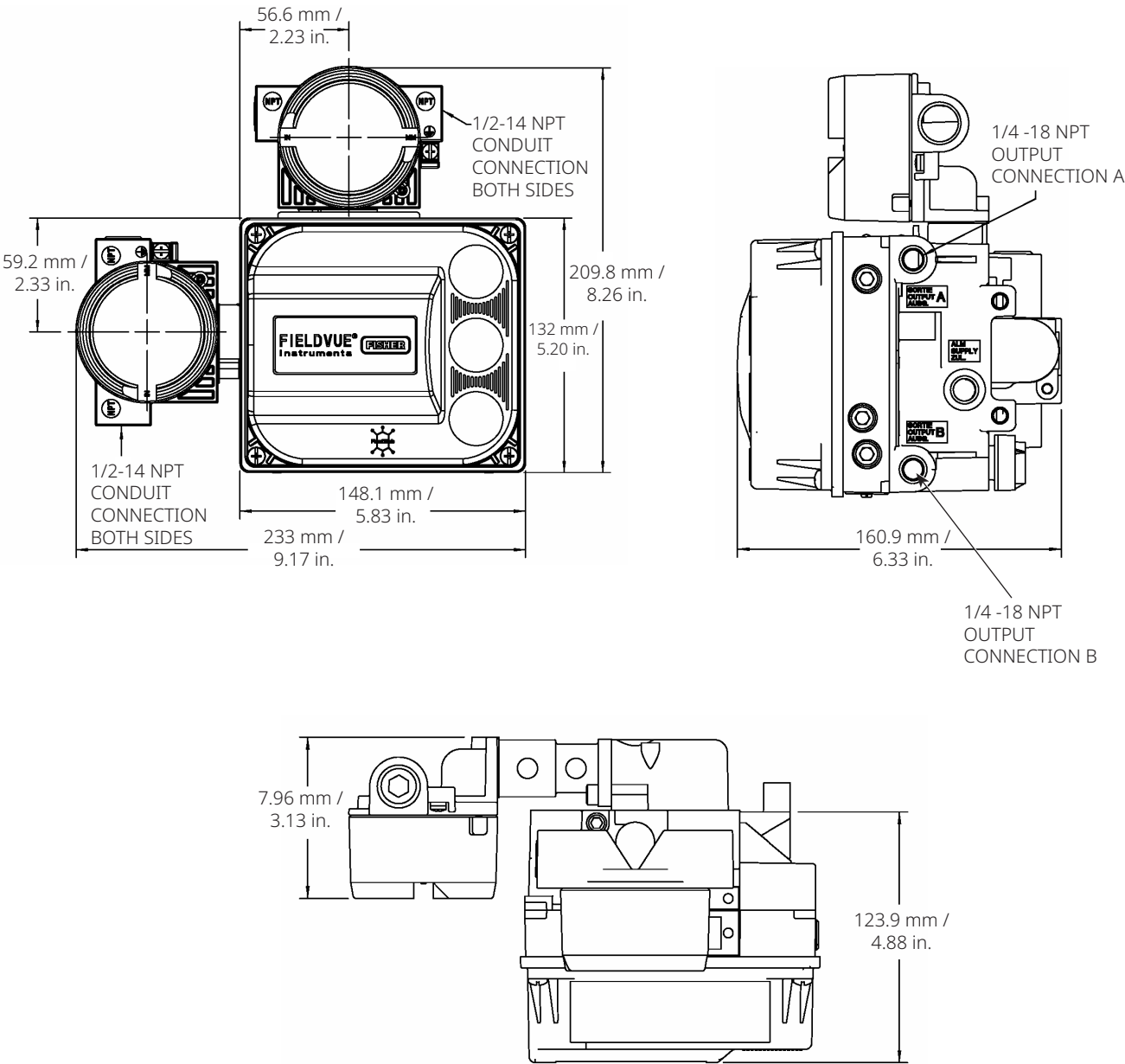
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Figure 1. FIELDVUE DVC6200, DVC6200 SIS, DVC6200f, and DVC6200p Digital Valve Controller with Integrally Mounted Filter Regulator (continued)



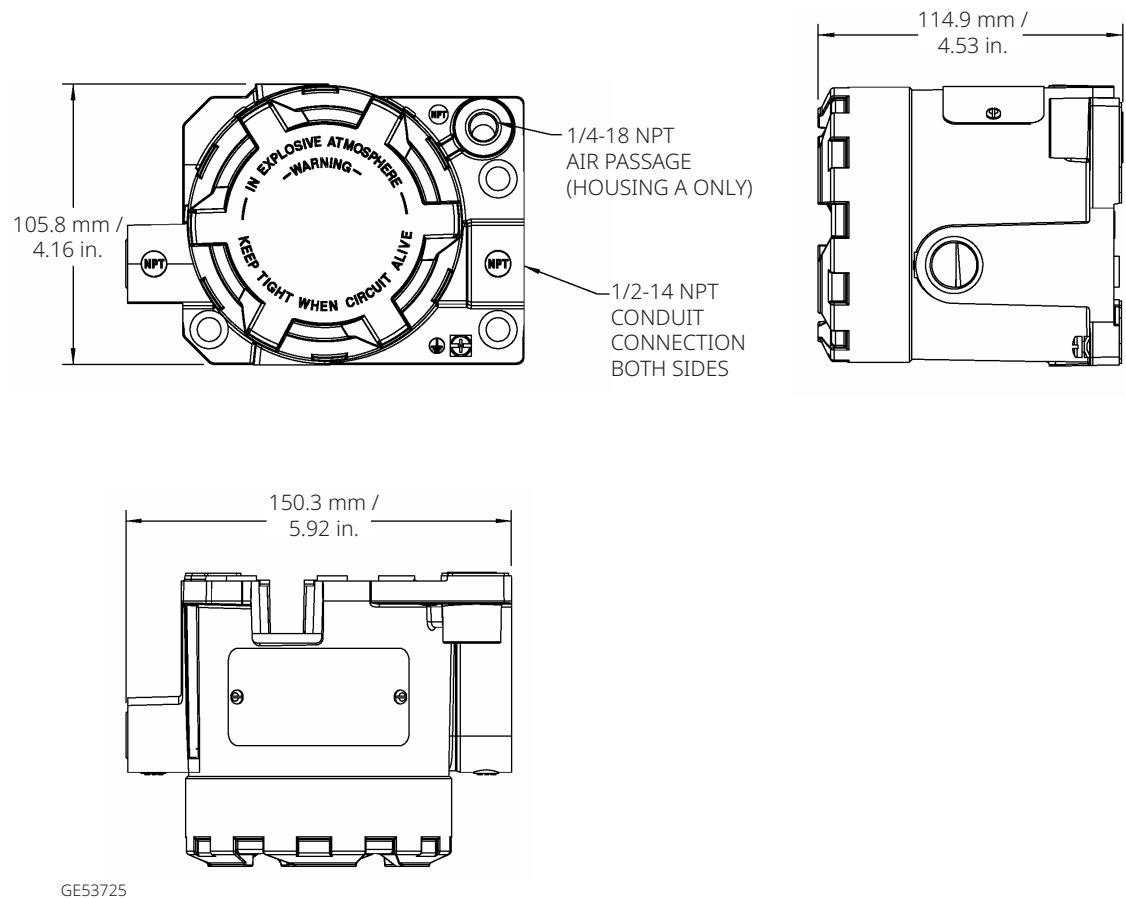
1. Housing insert for SSTEM #210 magnet array (Figure 10) inserted here.

Figure 2. FIELDVUE DVC6205, DVC6205 SIS, DVC6205f, and DVC6205p Remote Mount Base Unit



GE53722

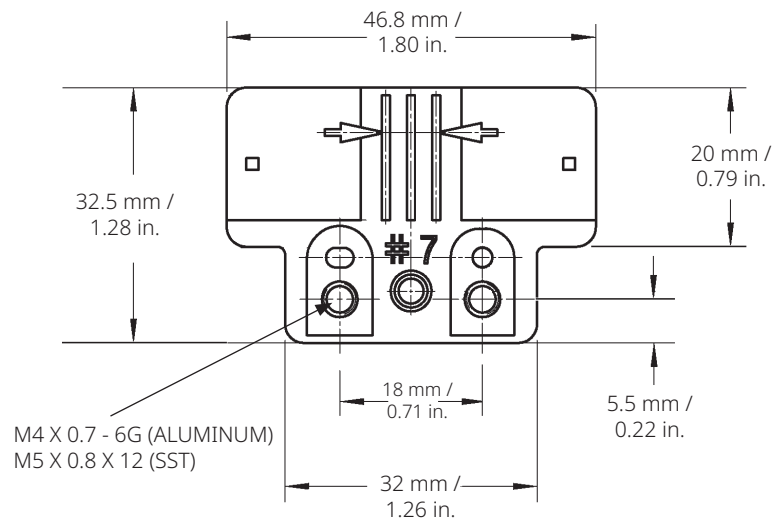
Figure 3. FIELDVUE DVC6215 Feedback Unit Envelope Dimensions



Note: Mounting hole locations for the DVC6215 feedback unit are the same as for the DVC6200, DVC6200 SIS, DVC6200f, and DVC6200p digital valve controller. Refer to the back view in Figure 1.

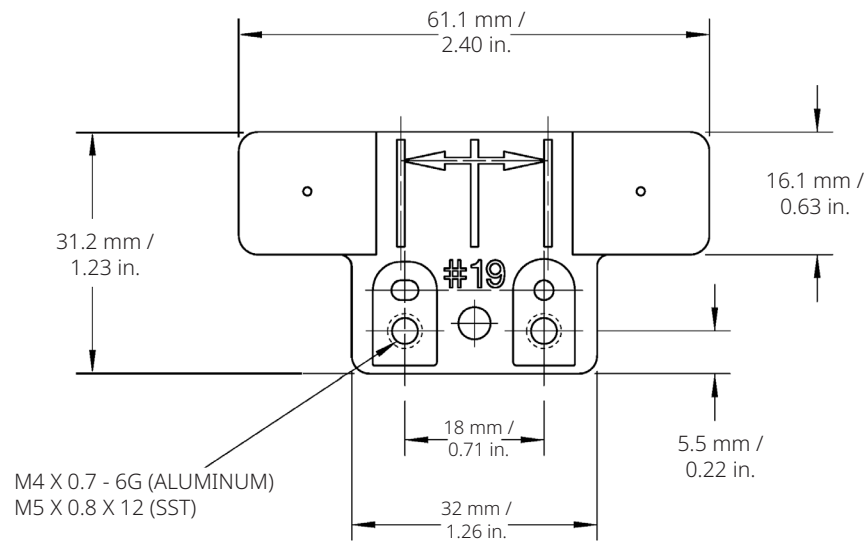
Magnet Arrays

Figure 4. SStem #7 Magnet Array (also see ⁽¹⁾ in Figure 7)



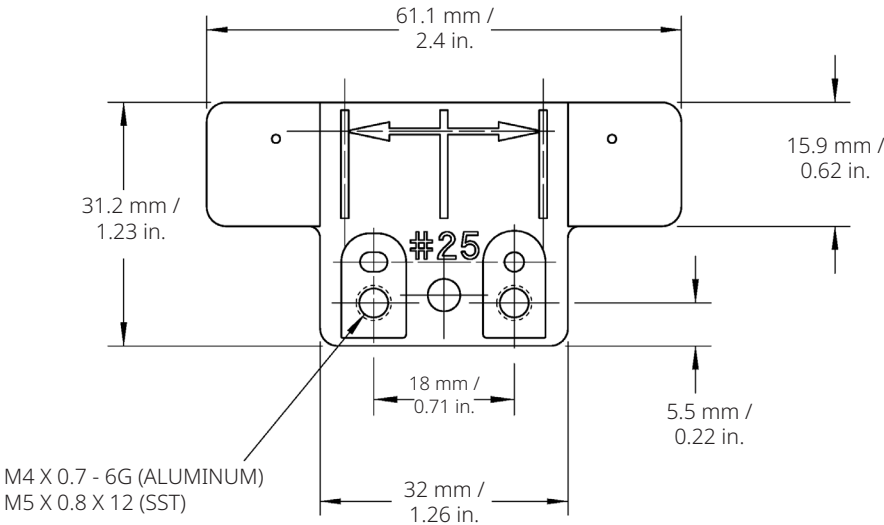
4.2 to 7 mm / 0.17 to 0.28 in. TRAVEL RANGE

Figure 5. SStem #19 Magnet Array (also see ⁽¹⁾ in Figure 7)



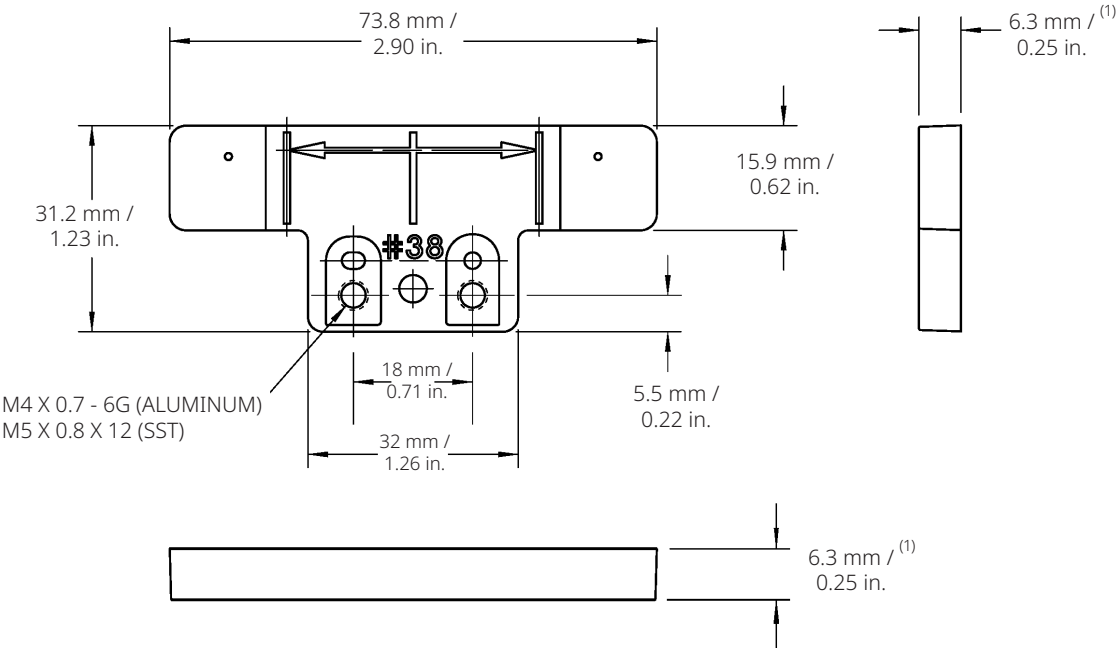
8 to 19 mm / 0.32 to 0.75 in. TRAVEL RANGE

Figure 6. SStem#25 Magnet Array (also see ⁽¹⁾ in Figure 7)



20 to 25 mm / 0.76 to 1.00 in. TRAVEL RANGE

Figure 7. SStem #38 Magnet Array



26 to 38 mm / 1.01 to 1.50 in. TRAVEL RANGE

1. Linear magnet array width dimensions

Figure 8. SStem #50 Magnet Array (also see ⁽¹⁾ in Figure 7)

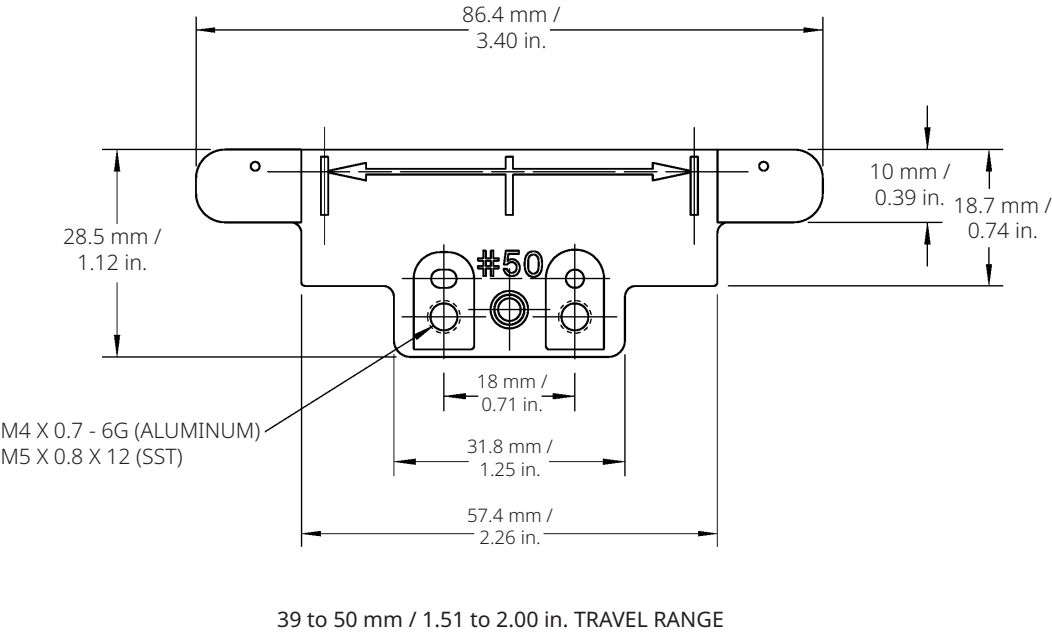


Figure 9. SStem #110 Magnet Array (also see (1) in Figure 7)

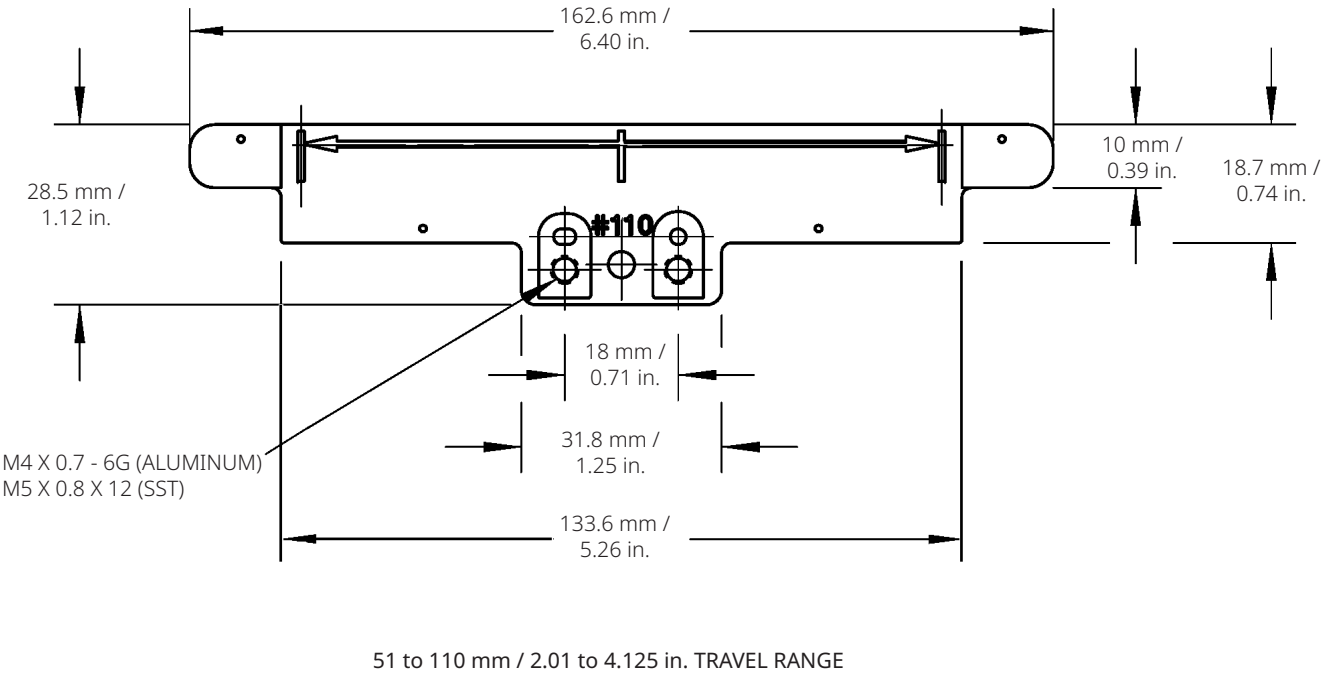
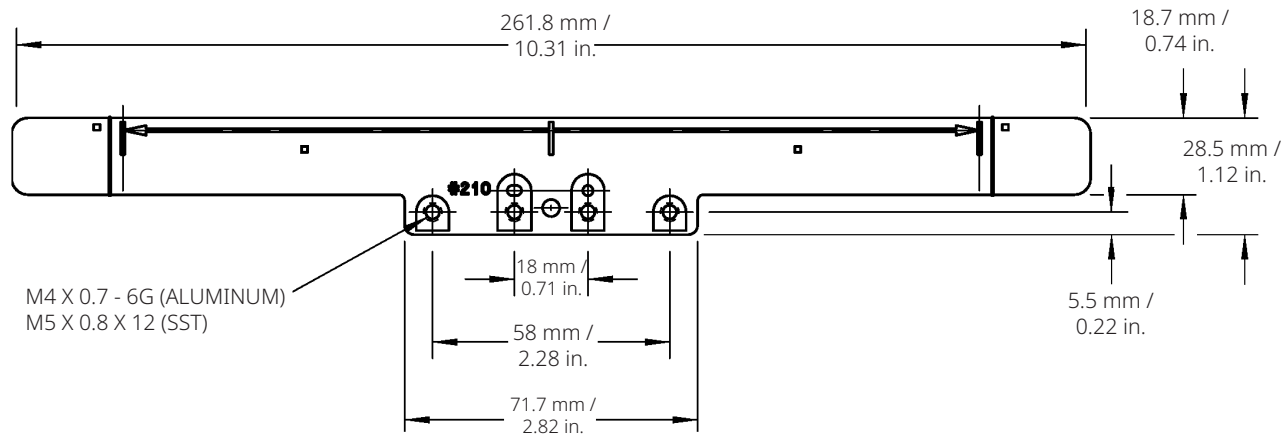
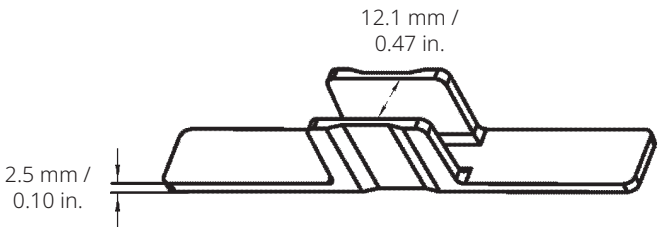


Figure 10. SStem #210 Magnet Array (also see ⁽¹⁾ in Figure 7)



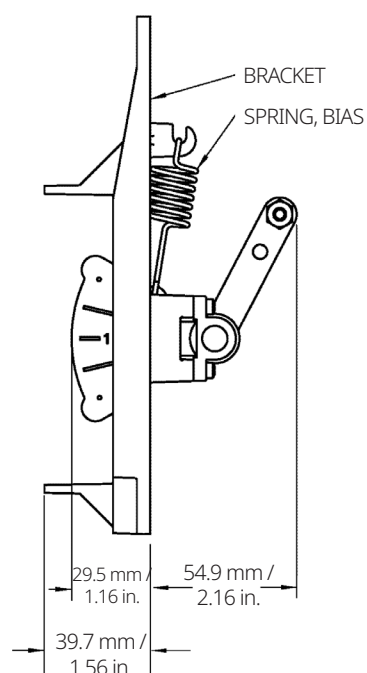
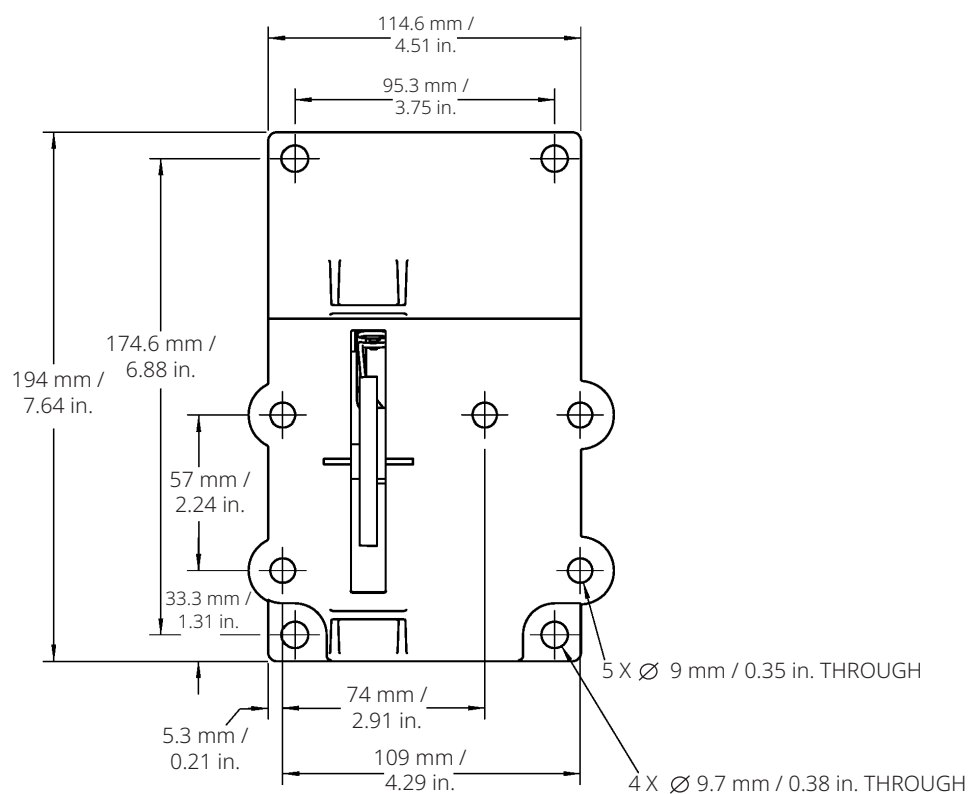
111 to 210 mm / 4.126 to 8.25 in. TRAVEL RANGE



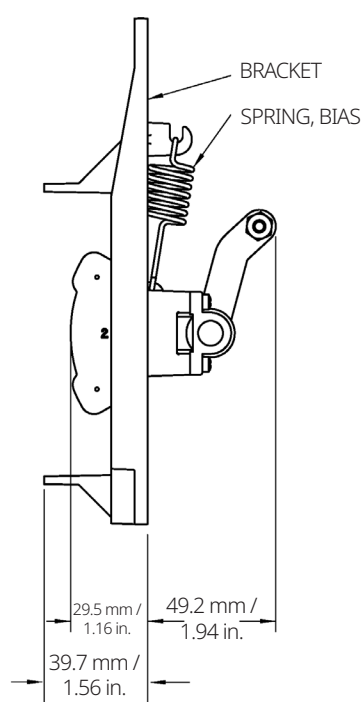
HOUSING INSERT FOR SSTEM #210 MAGNET ARRAY⁽¹⁾

1. Refer to back view of Figure 1 for housing insert placement.

Figure 11. RShaft Window Mount Magnet Assemblies

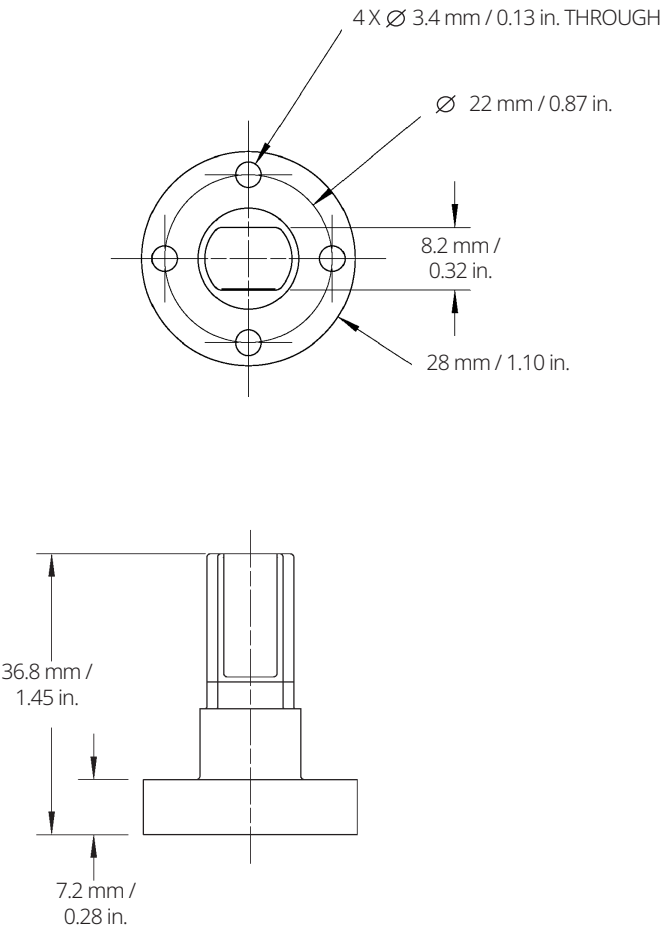


RSHAFT WINDOW #1



RSHAFT WINDOW #2

Figure 12. RShaft End Mount Magnet Assembly



Related Documents

- DVC6200 Digital Valve Controller Product Bulletin ([D103415X012](#))
- DVC6200 SIS Digital Valve Controller Product Bulletin ([D103555X012](#))
- DVC6200f Digital Valve Controller Product Bulletin ([D103399X01](#))
- DVC6200p Digital Valve Controller Product Bulletin ([D103564X012](#))

Documents are available from your [Emerson sales office](#) or at [Fisher.com](#).



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