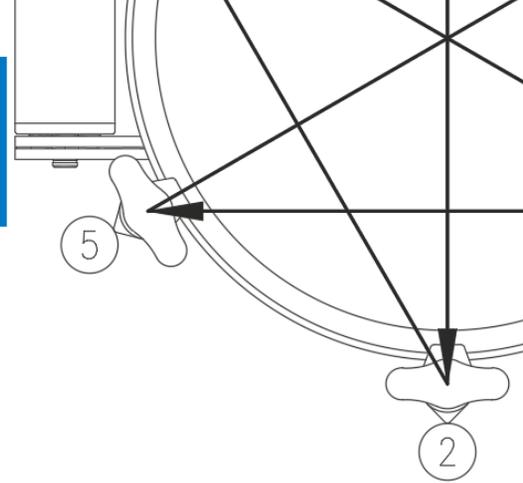


The H-Series Manway™ Recommended Torque

Holloway recommends the following torque rating for the H-Series Manways and that the clamps should be tightened in a “Star” pattern moving to the lug that is 180° from the previous clamp.



H-Series Manways

Drawing Numbers: HM0164, HM0165, HM0166, HM0167

- 35 ft-lbs. — For all Manway Sizes



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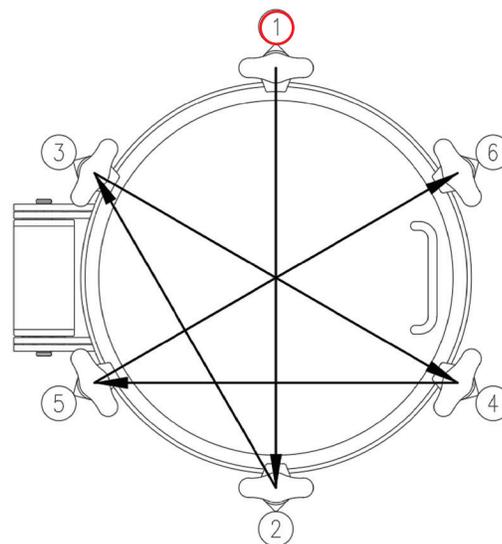
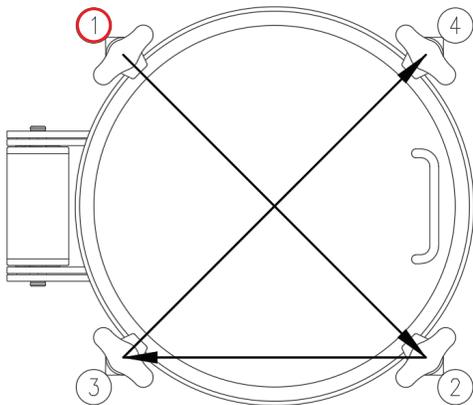
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Datasheet: H-Series_200122

The H-Series Manway™ Closing Procedure



Procedure

1. Ensure that manway O-ring is without blemish, cuts, or imperfections. The gasket should also be in “like new” condition, not hardened due to excessive shelf life or improper storage
2. Place one hand on the safety release device (if equipped on your manway) and the other hand on the manway cover handle. Pull safety release pin and slowly lower the cover into the closed position. Inspect to make sure the upper and lower flanges are in alignment and the spacing is consistent.
3. Select a specific clamp assembly to be the first in the tightening sequence (number 1 on diagram) and then apply mild pressure to hand tighten the first Knob/Wingnut until snug. Next, move to the clamp assembly adjacent to the first one (number 2 on diagram) and repeat the process in a cross-type pattern until all assemblies are snug, but not fully tightened.
4. The second round of tightening sequence will apply a greater degree of force while following the same cross-type technique. It is important to note that the lugs should not exceed 35 ft-lbs of torque. Holloway recommends the use of a calibrated torque wrench for this operation.
5. Once step 4 is complete and all Knobs/Wingnuts are tightened, the upper and lower flanges should then be re-inspected to verify that the gap is consistent. If not, then loosen all clamp assemblies and repeat steps 3 through 5.



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