

Cast Brackets

A precise made cast construction with dual (top and bottom) ISO 5211 standard hole patterns, is designed for installation on all Habonim "P" series valves, and to the Compact 4-piston actuator which conform to NAMUR and ISO 5211 standards.

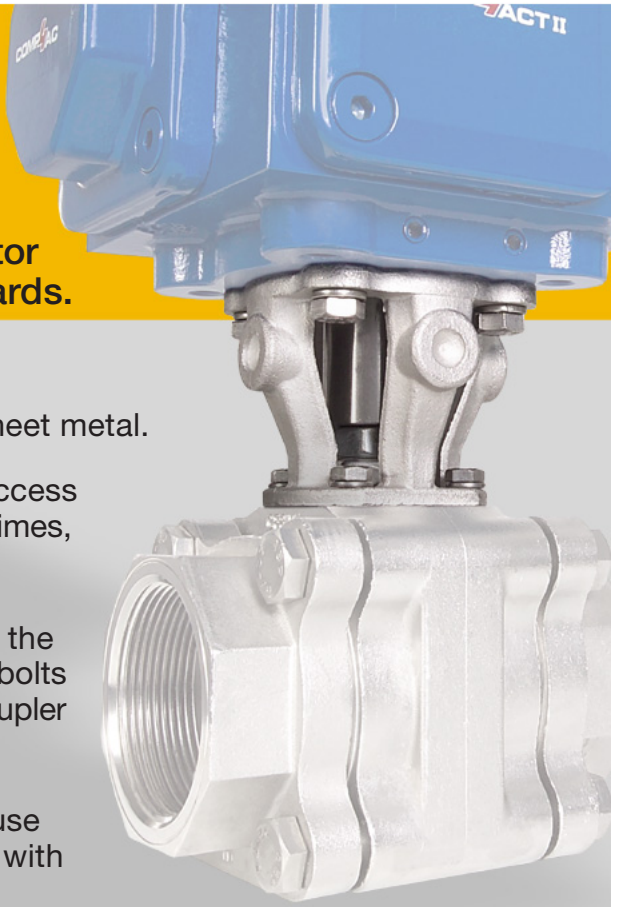
Scope

Traditional mounting brackets designs are made using sheet metal.

Although it serves in numerous assemblies with great success by keeping the rigidity and accuracy of the package at all times, there where some drawbacks to old design.

- The complexity of holding the valve/actuator bolts and the limited angular movement of the spanner to tighten the bolts in place, are all due to the narrow gap left between the coupler and the bracket walls.
- When tightening the bolts, a slippery wrench could cause the operator to strike his hand on the metal lip, ending with a cut injury.

The new Habonim cast bracket will eliminate all the aforementioned disadvantages whilst retaining the advantages of the sheet metal bracket.



Solution offered

This well engineered product provides a wide angular movement of the spanner, allowing ease of installation as well as maintenance operation, giving maximum safety to the workman.

An aesthetic shape, with round corners, allows clear visibility of the valve stem and coupler from all four main directions.

The cast bracket is made from stainless steel CF8 (AISI304) for better corrosion resistance; in addition each pad is marked with the relevant ISO "F" number for clear identification.

The cast bracket is equipped with blank boss on all four sides, Upon request the cast bracket will be supplied as a lockable mechanism, in other cases the boss can be threaded to accommodate a proximity sensor (8 mm barrel type) allowing a feedback signal of the valve position to the control room.



“Funnel” design



Dual ISO Holes



“Barrel” design



Advantages

- Increase safety in installation.
- Increase safety in operation - mechanically lockable against unintentionally operation (optional).
- Custom shaped rigid construction.
- Fully interchangeable with the sheet metal bracket design.
- Clear visibility of valve stem and coupler.
- Better corrosion resistance.
- Proximity sensor mounting capability (optional).