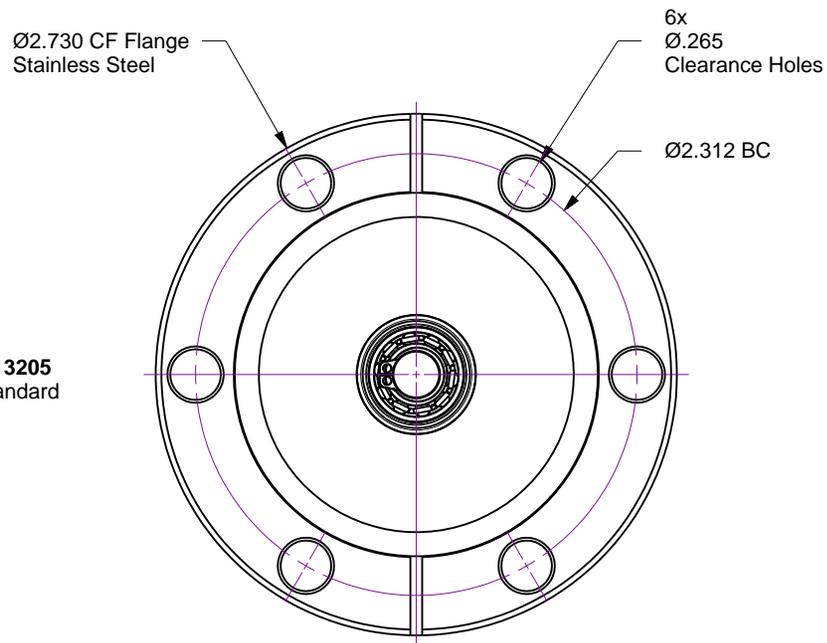
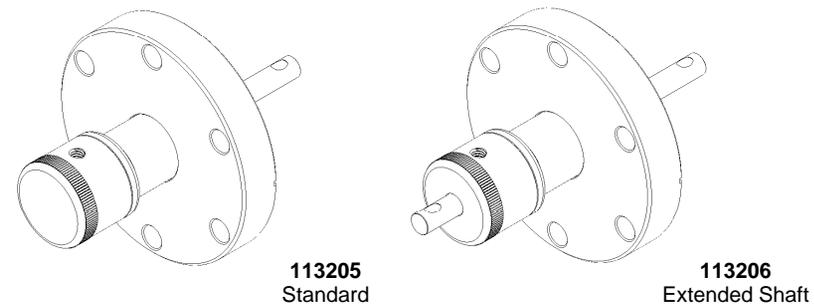
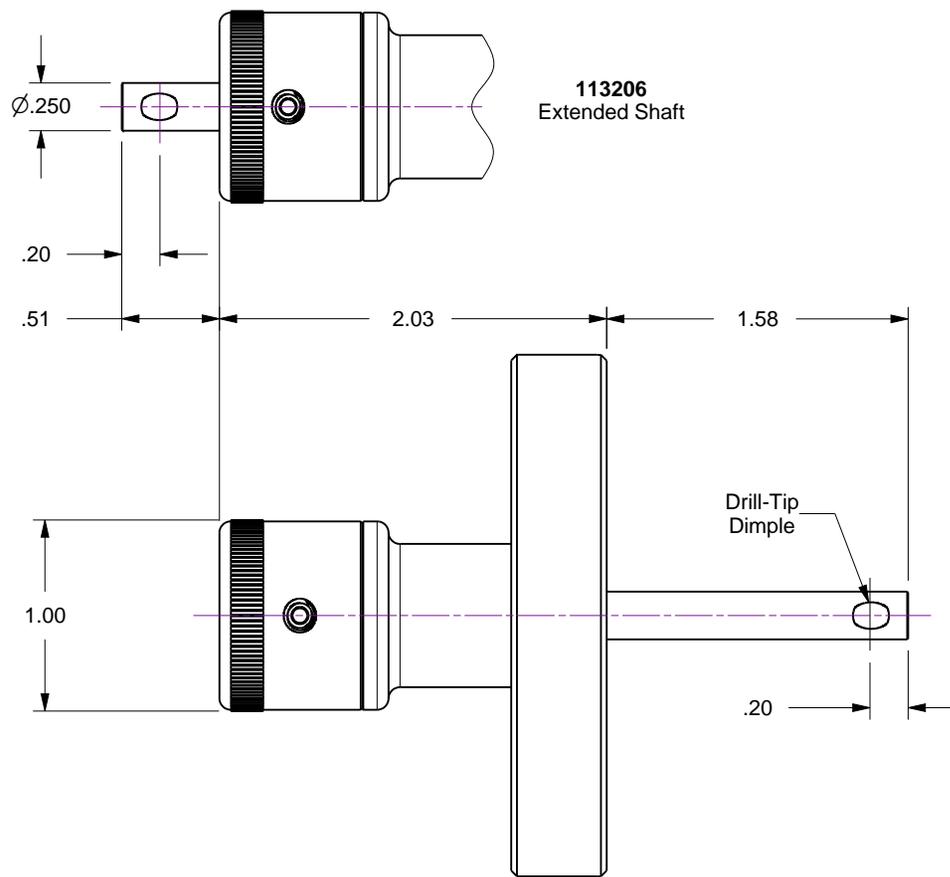


Notes

ORR Rotary Feedthrough / Elastomer Sealed Shaft

1. ORR series 'elastomer sealed' rotary motion feedthrough are an economical alternative to bellows sealed devices, and ideally suited for less critical applications in the high vacuum regime. They are constructed of black-anodized aluminum and stainless steel.
2. In-vacuum bearings are dry-film lubricated with tungsten-disulfide, while air side bearings are lubricated with a high-temperature Krytox® lubricant.
3. Rotation shaft is sealed with a Viton® elastomer O-ring located at end opposite vacuum mounting flange.
4. Feedthroughs are fitted with a manual actuator, and are also available with an air-side shaft extension for added drive flexibility.
5. Leak tested to 5x10E-10 Standard cc/sec of He
6. Custom solutions available on request

Rev	Description	Date
A	Initial Release	04/19/2018



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UNCONTROLLED WEB DRAWING

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Material See Individual Components	
Tolerances, unless otherwise specified	
.X ± .030	Angles ± 0.5°
.XX ± .010	Finish 63Ra
.XXX ± .005	

Title Rotary Feedthrough, Manual / Elastomer Sealed 2.75 CF			
Drawn by Date	Ligeti 04/19/2018	No. 113205 and 113206	Rev. A
Approved			Sheet