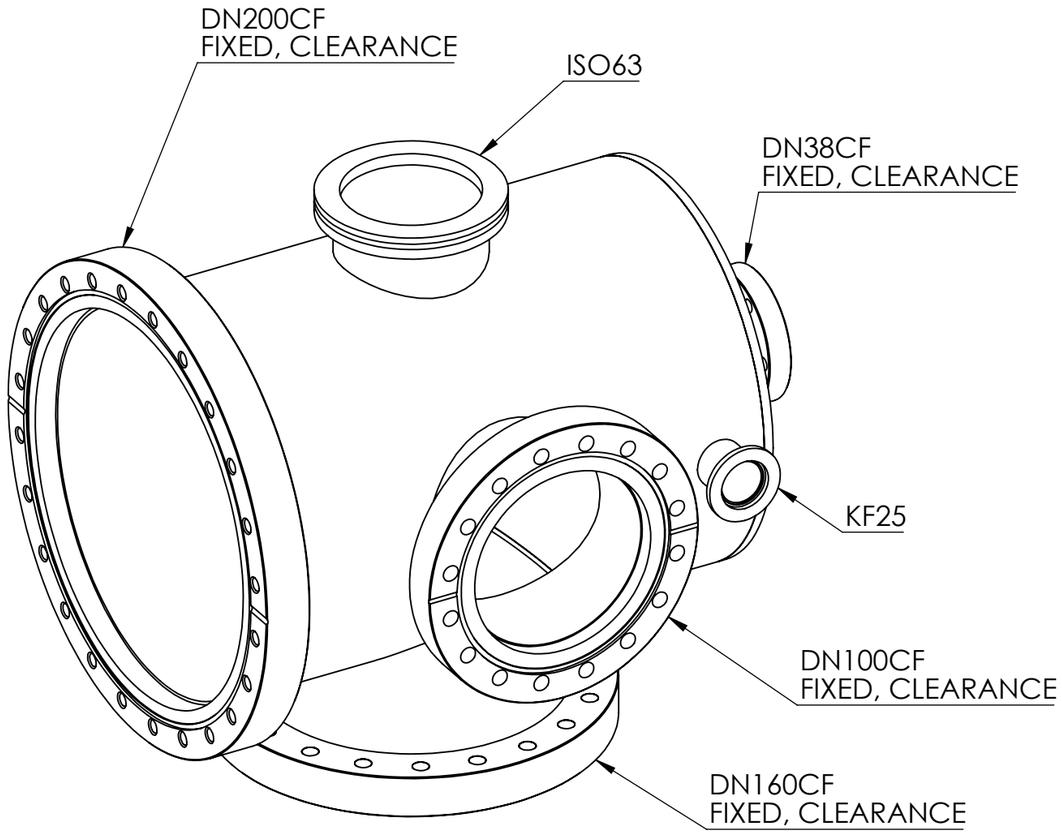
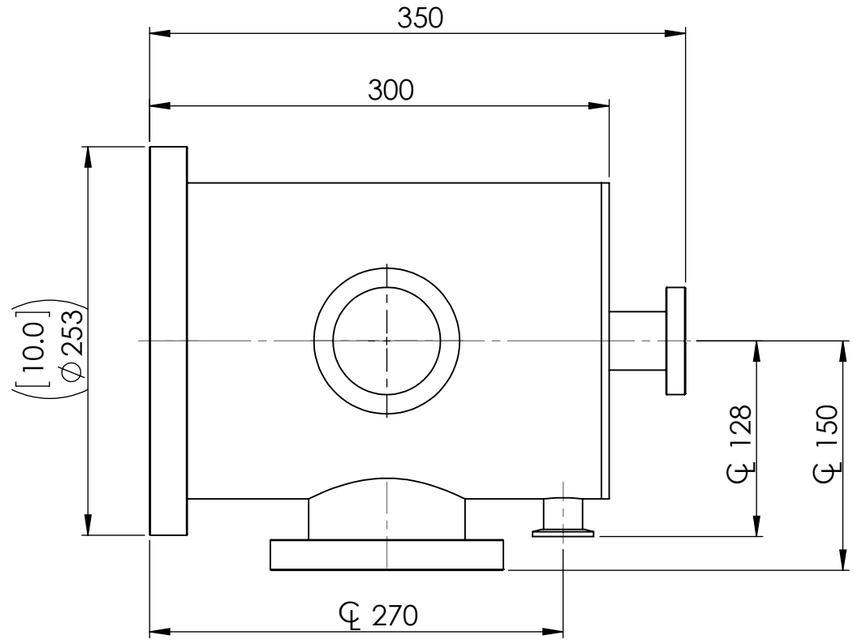
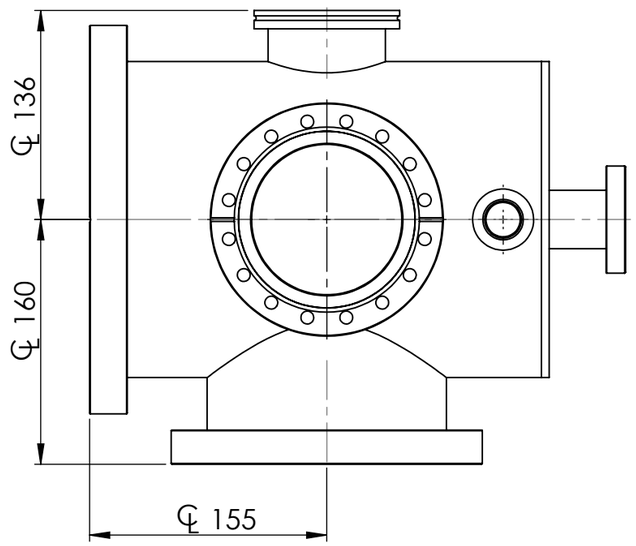
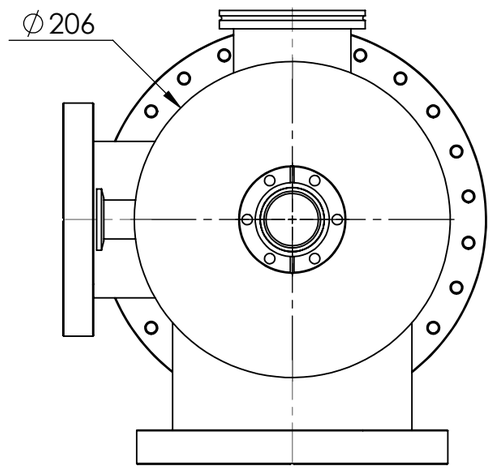


3rd Angle Projection







PORT SPECIFICATION
SCALE 1 : 3

NOTES:

1. INTERNALLY WELDED
2. UHV CLEAN
3. VACUUM LEAK RATE <1×10-9 mbar.L/s (He)

ISSUE	REVISION NOTE	DRAWN	DATE	APP'D
01	DRAWING RELEASE	JK	03/05/2022	RW

Concept Vacuum
BESPOKE DESIGN SOLUTIONS
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TOLERANCES

DIMENSIONS ARE IN MILLIMETRES (mm)

DIM	UNDER 250	250-500	500-1000	OVER 1500
X	±0.5mm	±1.0mm	±1.5mm	±2.0mm
X.X	±0.2mm	±0.5mm	±0.75mm	±1.5mm
X.XX	±0.1mm	±0.2mm	±0.4mm	±0.75mm

CORNER RADII 0.25 MAX.
GENERAL SURFACE FINISH √3.2
VACUUM SEALING FACES √1.6
UNLESS OTHERWISE STATED

MATERIAL: 1.4301 / 1.4307

SHEET 1 OF 1 | SCALE:1:4
ISSUE: 01 | SHEET SIZE: A3
TITLE: DN200CF LOAD LOCK CHAMBER
DRAWING NO: CVLL200A website

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