



Escola Universitària d'Enginyeria
Tècnica Industrial de Barcelona
Consorci Escola Industrial de Barcelona

UNIVERSITAT POLITÈCNICA DE CATALUNYA

Volumen II

Planos

TRABAJO DE FINAL DE GRADO

“Simulación CFD sistema de combustible Dual-Fuel en MCI (Motor Combustión Interna)”

TFG presentado para optar al título de GRADO en
INGIENIERÍA MECÁNICA
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Las 3 vistas de cada pieza (alzado, planta y lateral izquierda) según sistema ISO y la vista isométrica:

1. Pieza 1: Depósito GNL

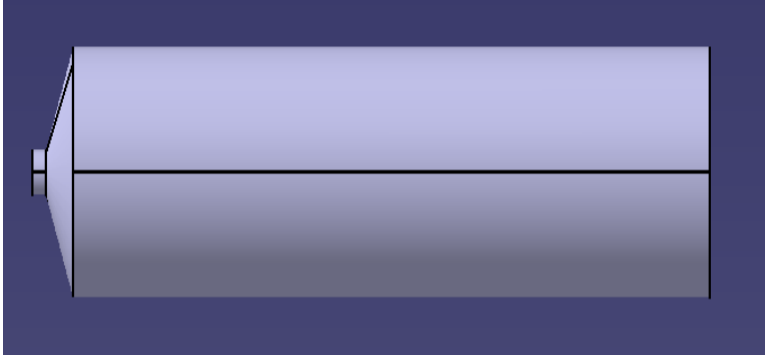


Figura 1. Alzado

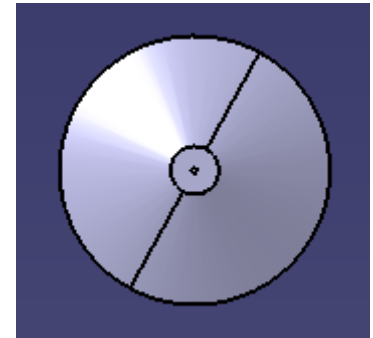


Figura 2. Lateral izquierdo

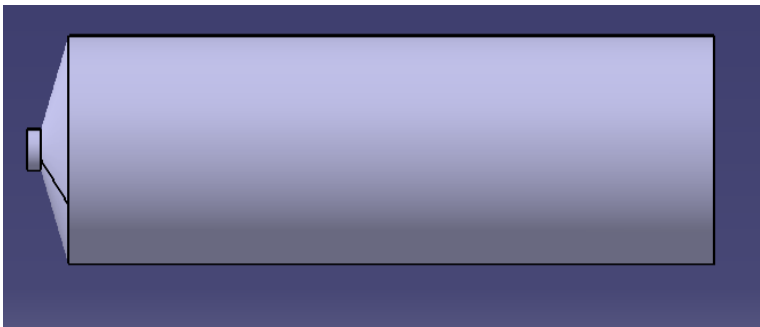


Figura 3. Planta

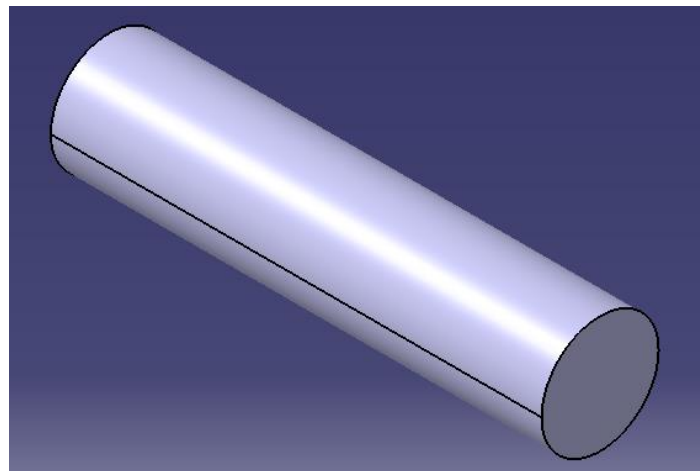


Figura 4. Isométrica

2. Pieza 2: Válvula solenoide o del depósito

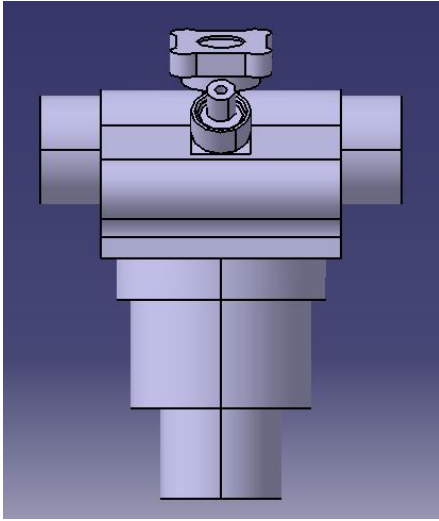


Figura 5. Alzado

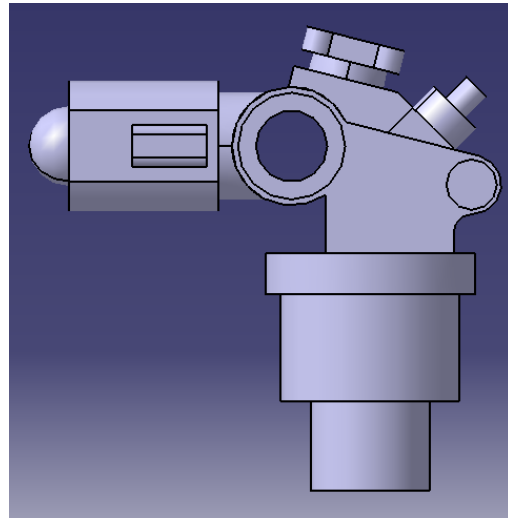


Figura 6. Lateral izquierdo

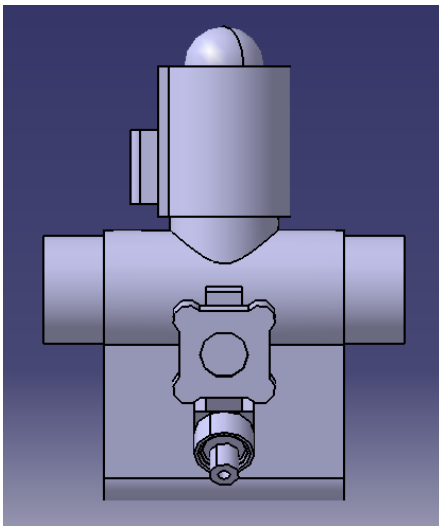


Figura 7. Planta

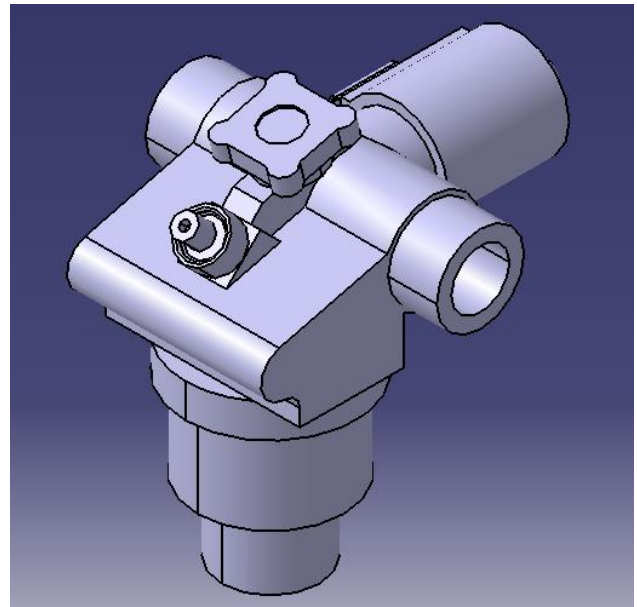


Figura 8. Isométrica

3. Pieza 3: Válvula de corte manual

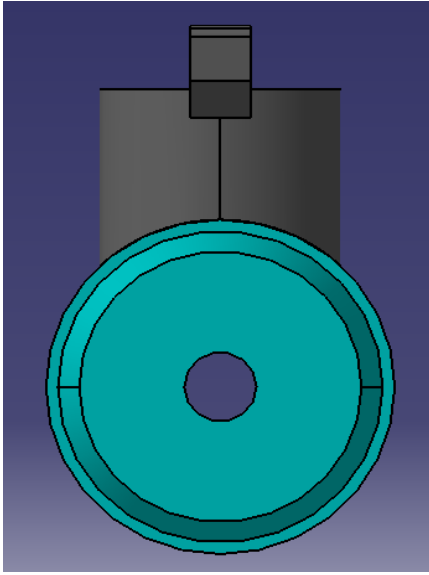


Figura 9. Alzado

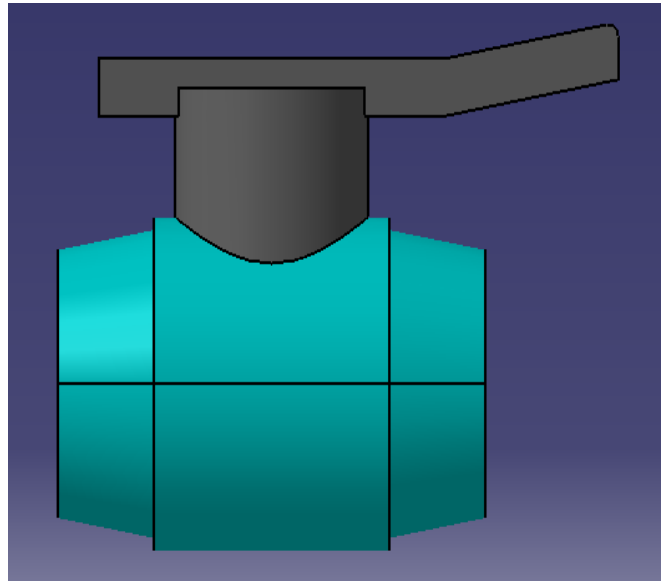


Figura 10. Lateral izquierdo

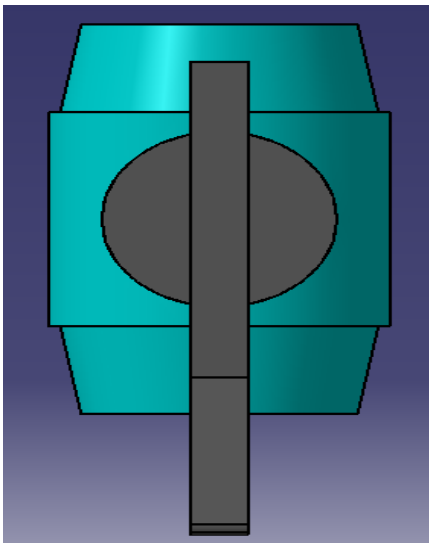


Figura 11. Planta

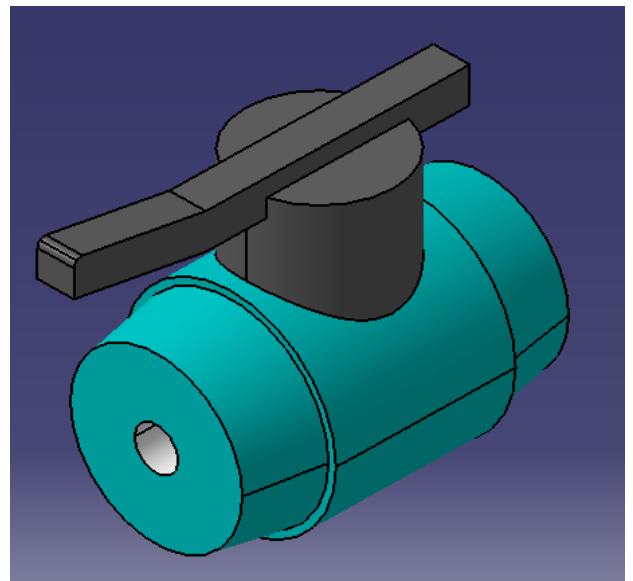


Figura 12. Isométrica

4. Pieza 4: Filtro de combustible

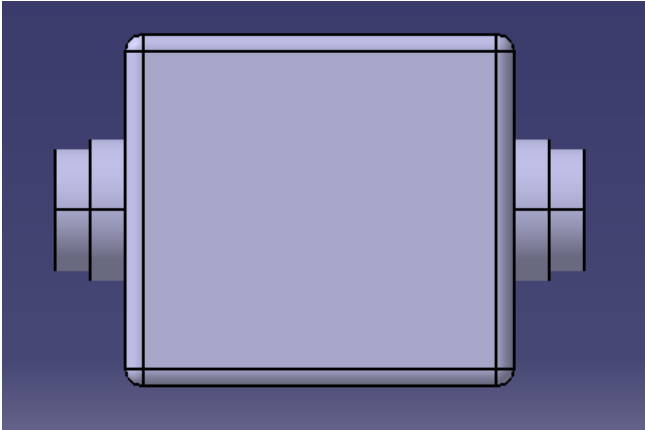


Figura 13. Alzado

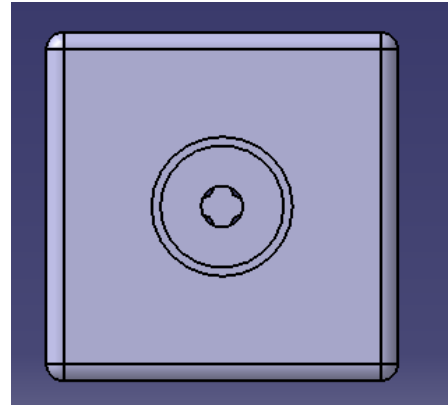


Figura 14. Lateral izquierdo

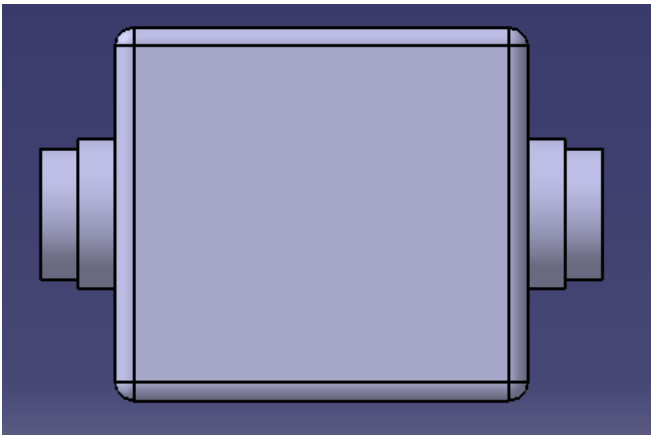


Figura 15. Planta

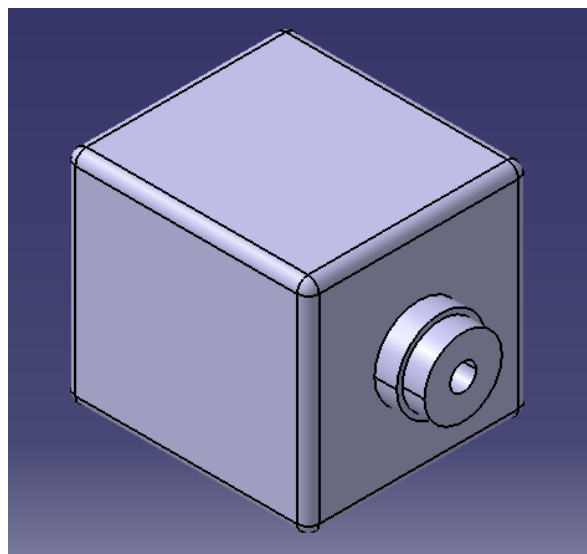


Figura 16. Isométrica

5. Pieza 5: Manómetro

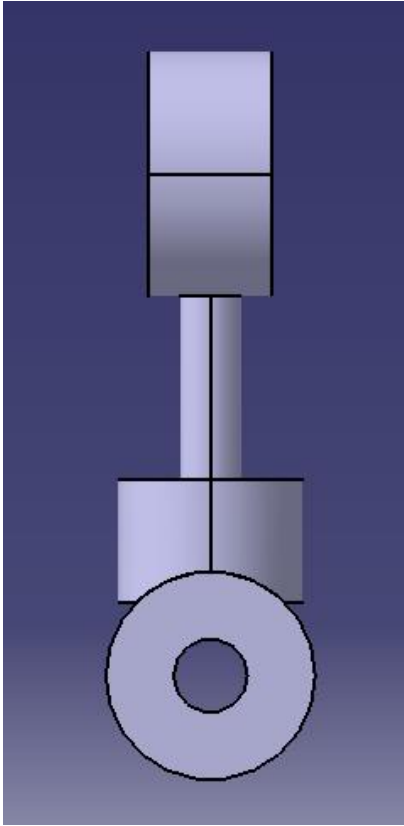


Figura 17. Alzado

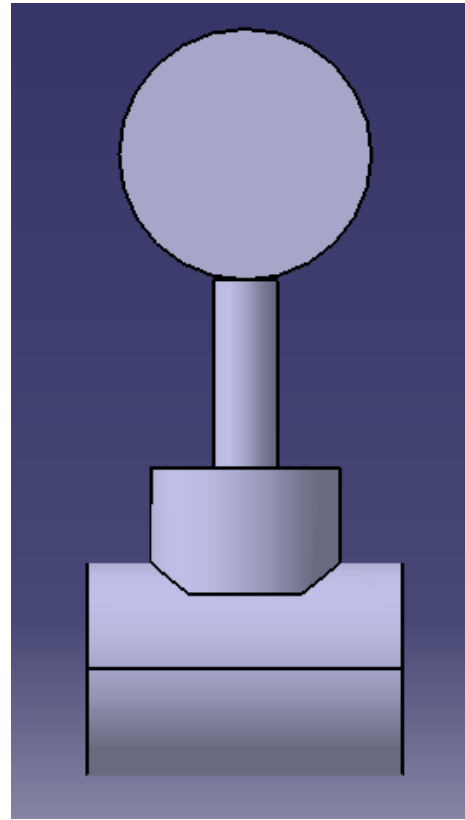


Figura 18. Lateral izquierdo

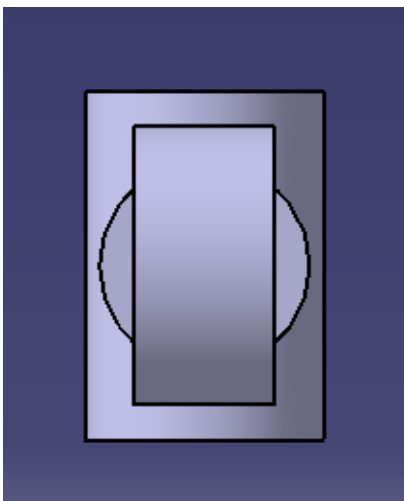


Figura 19. Planta

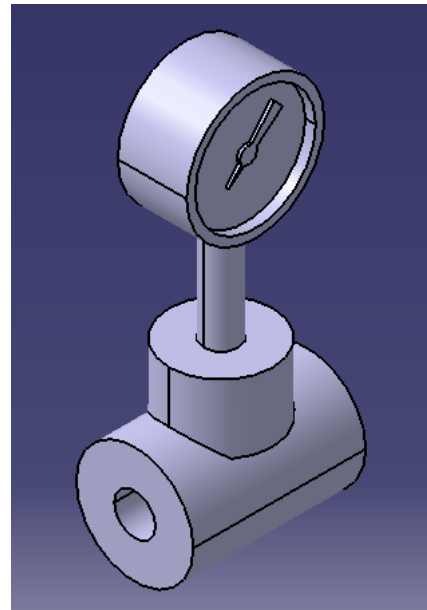


Figura 20. Isométrica

6. Pieza 6: Sensor de presión del depósito

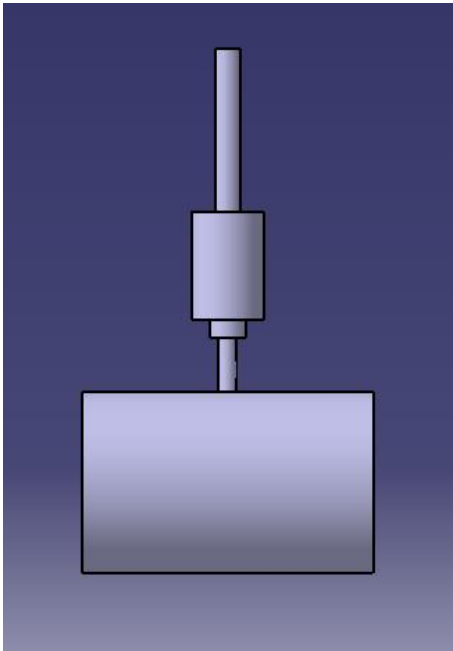


Figura 21. Alzado

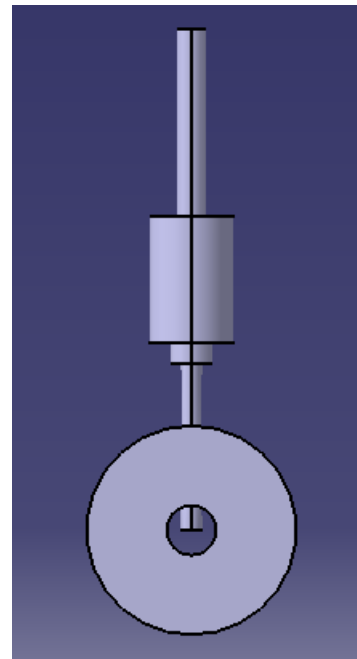


Figura 22. Lateral izquierdo

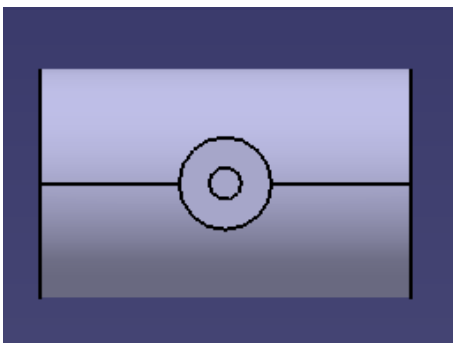


Figura 23. Planta

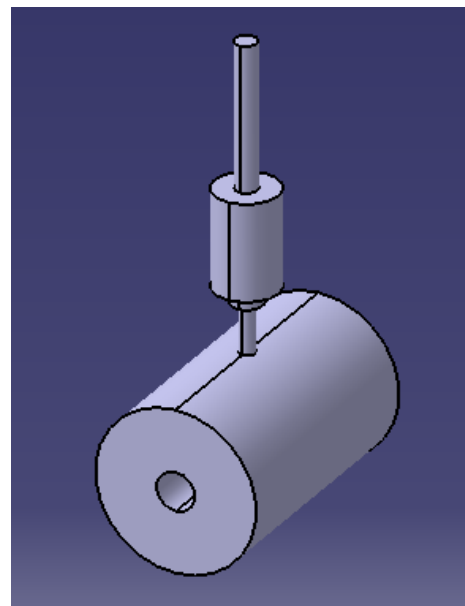


Figura 24. Isométrica

7. Pieza 7: Regulador de la presión del gas

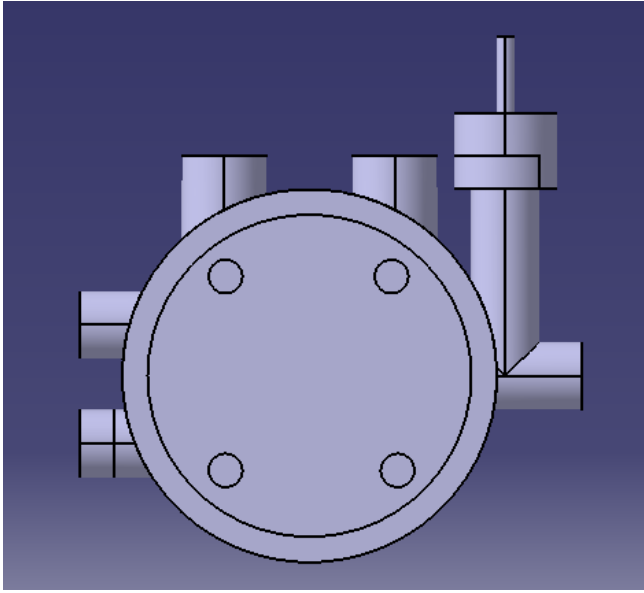


Figura 25. Alzado

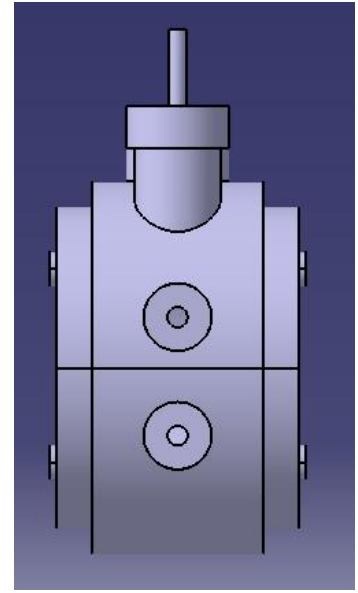


Figura 26. Lateral izquierdo

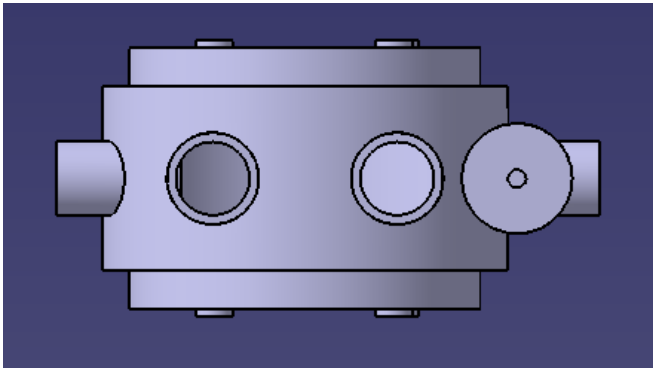


Figura 27. Planta

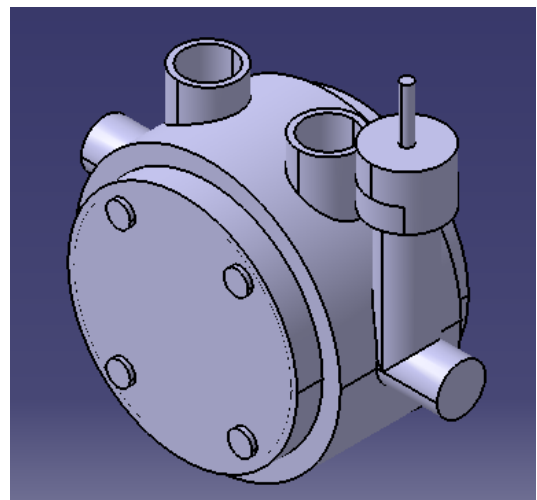


Figura 28. Isométrica

8. Pieza 8: Válvula de seguridad del regulador de gas

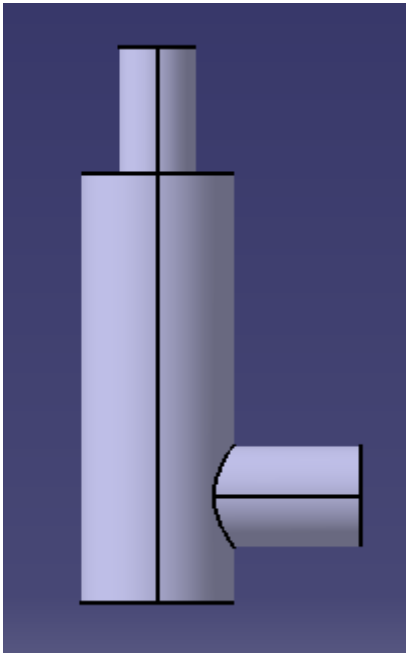


Figura 29. Alzado

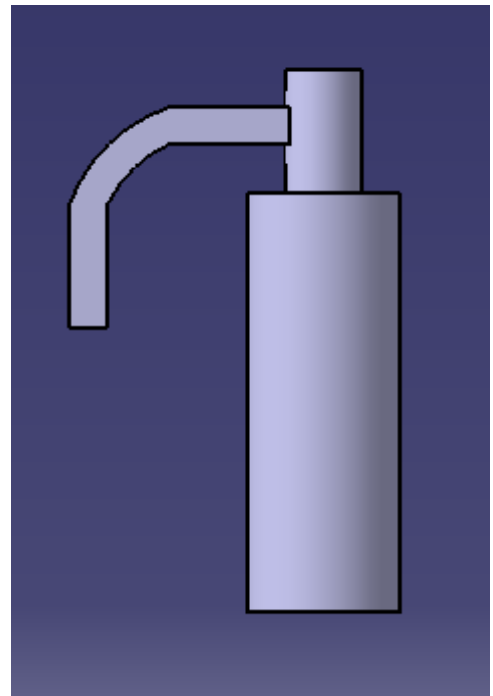


Figura 30. Lateral izquierdo

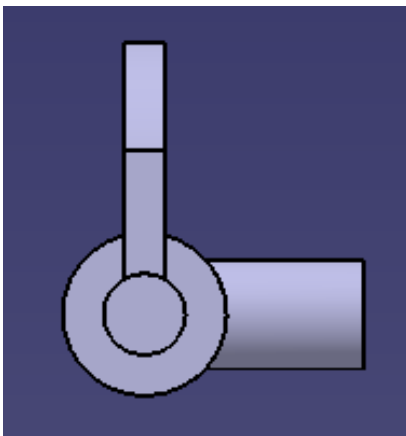


Figura 31. Planta

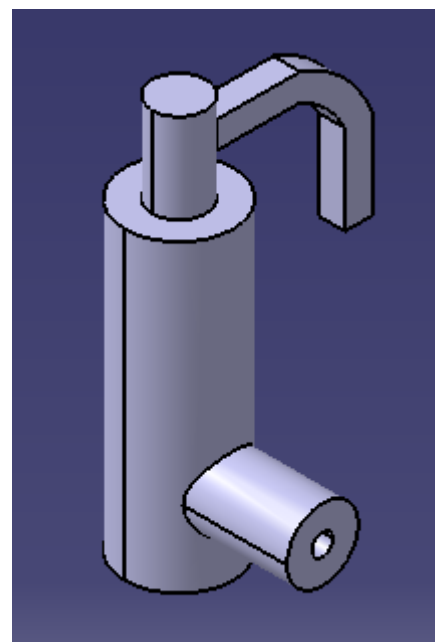


Figura 32. Isométrica

9. Pieza 9: Válvula solenoide de corte de gas, baja presión

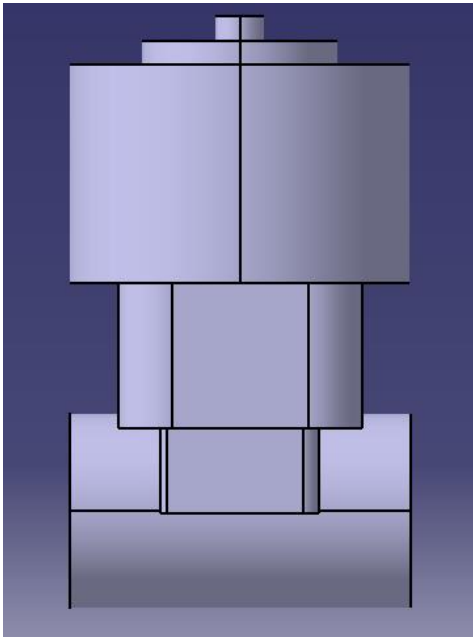


Figura 33. Alzado

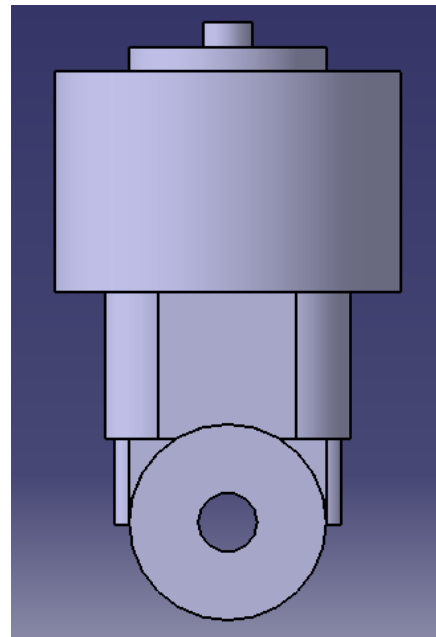


Figura 34. Lateral izquierdo

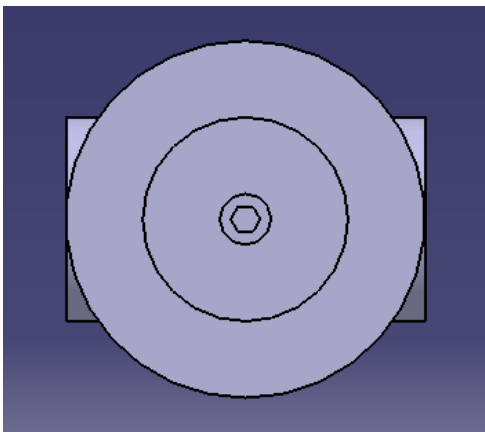


Figura 35. Planta

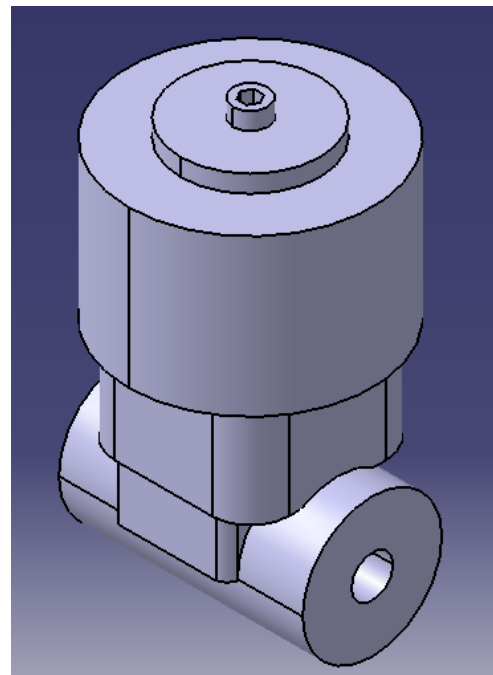


Figura 36. Isométrica

10. Piezas 10 y 11: Sensor de temperatura y presión del combustible en la rampa del combustible y rampa de combustible.



Figura 37. Alzado

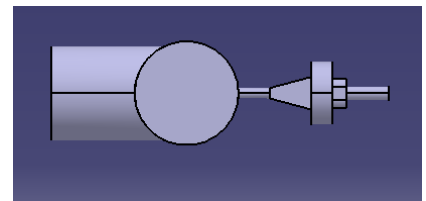


Figura 38. Lateral izquierdo

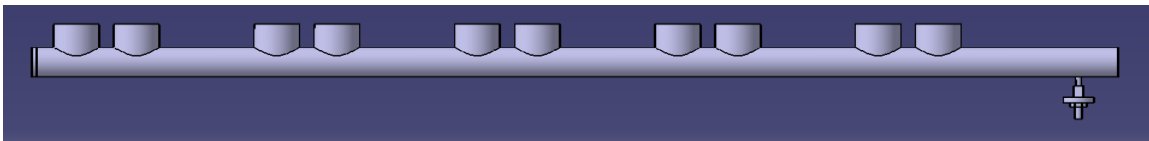


Figura 39. Planta

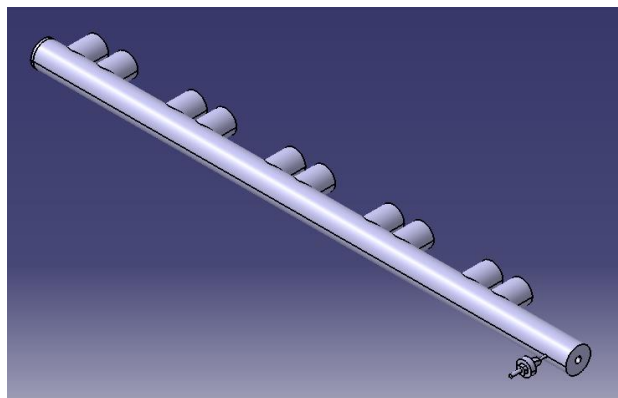


Figura 40. Isométrica

11. Pieza 12: Inyectores

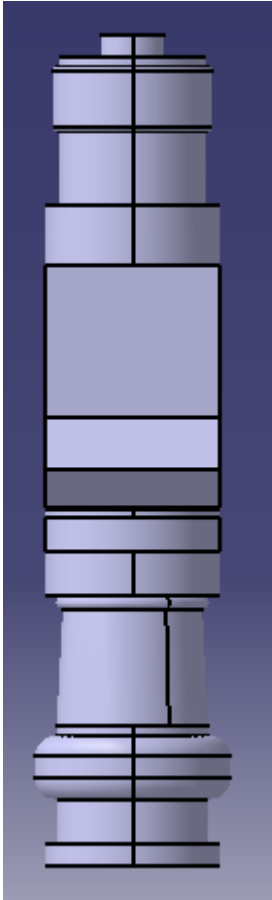


Figura 41. Alzado

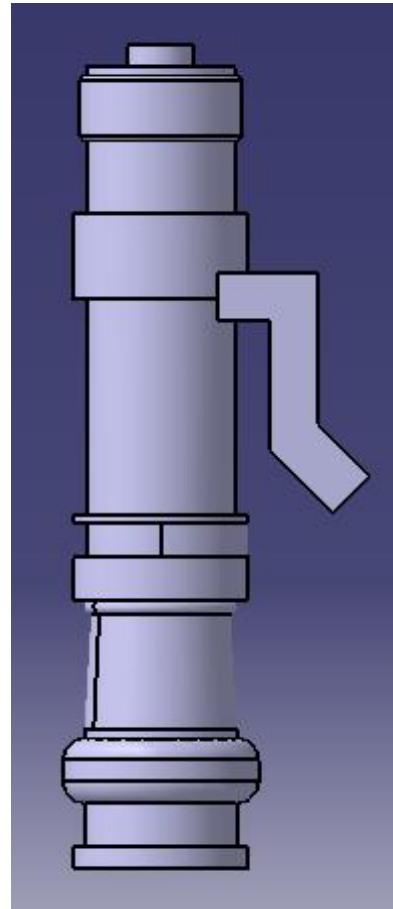


Figura 42. Lateral izquierdo

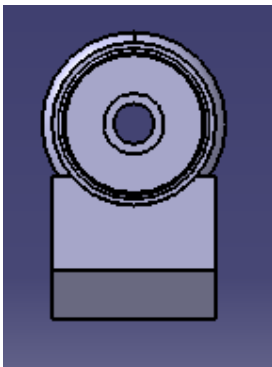


Figura 43. Planta

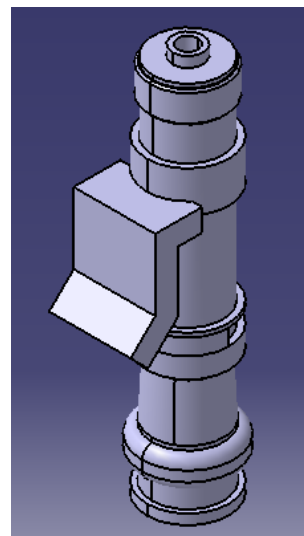


Imagen 44. Isométrica