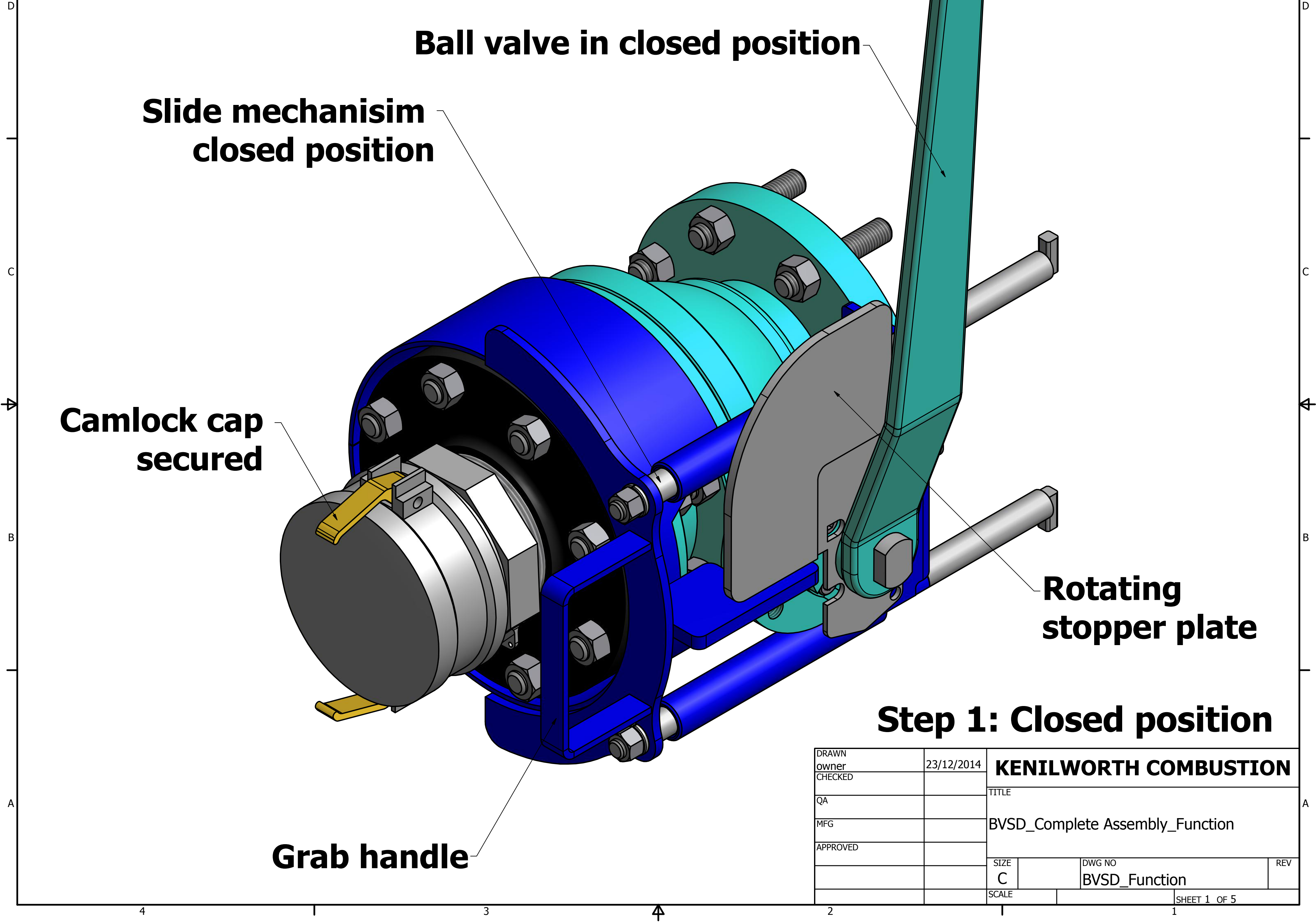
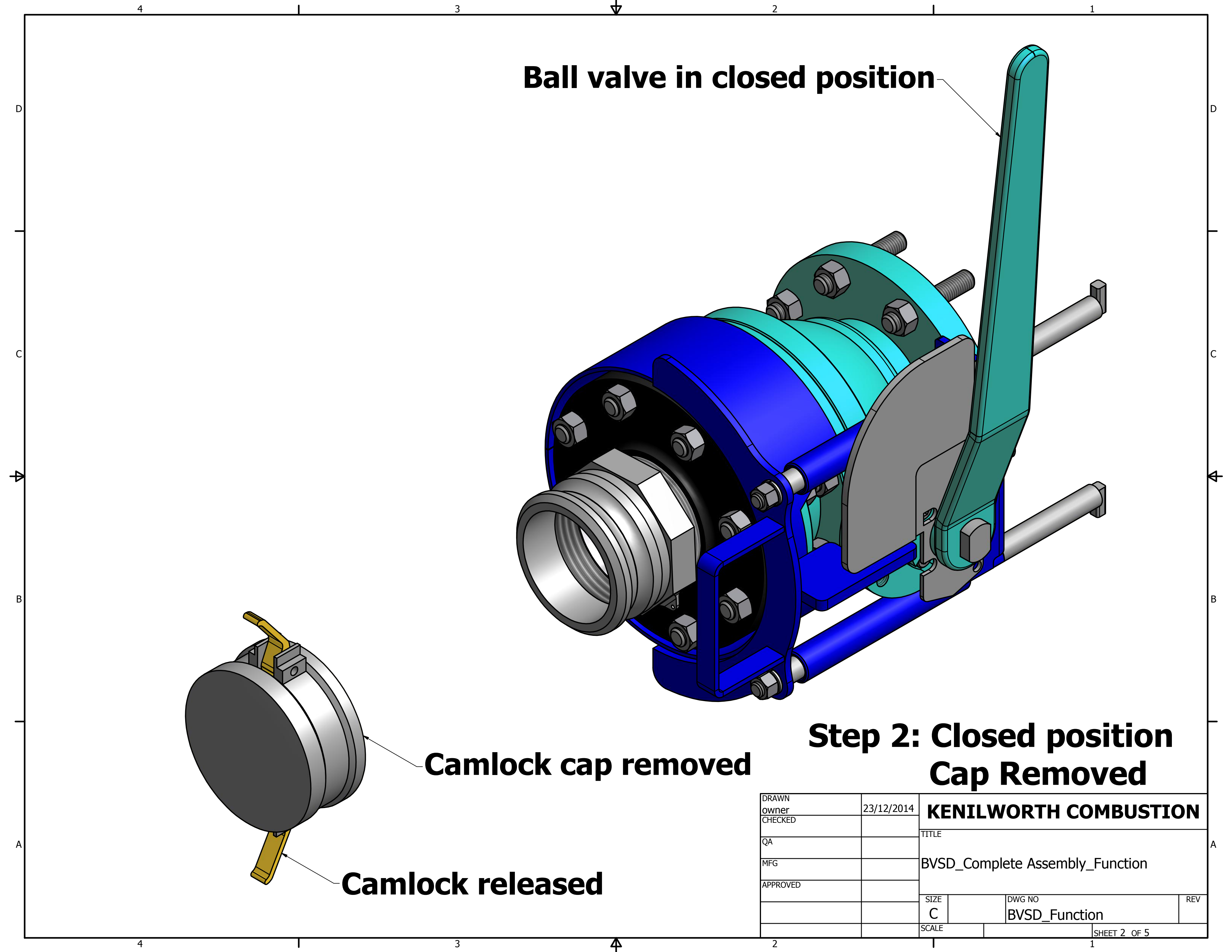


**BALL VALVE SAFETY DEVICE(BVSD)
FUNCTION DIAGRAM**



DRAWN	owner	23/12/2014	KENILWORTH COMBUSTION		
CHECKED			TITLE		
QA			BVSD_Complete Assembly_Function		
MFG					
APPROVED					
			SIZE	DWG NO	REV
			C	BVSD_Function	
			SCALE	SHEET 1 OF 5	



Ball valve in closed position

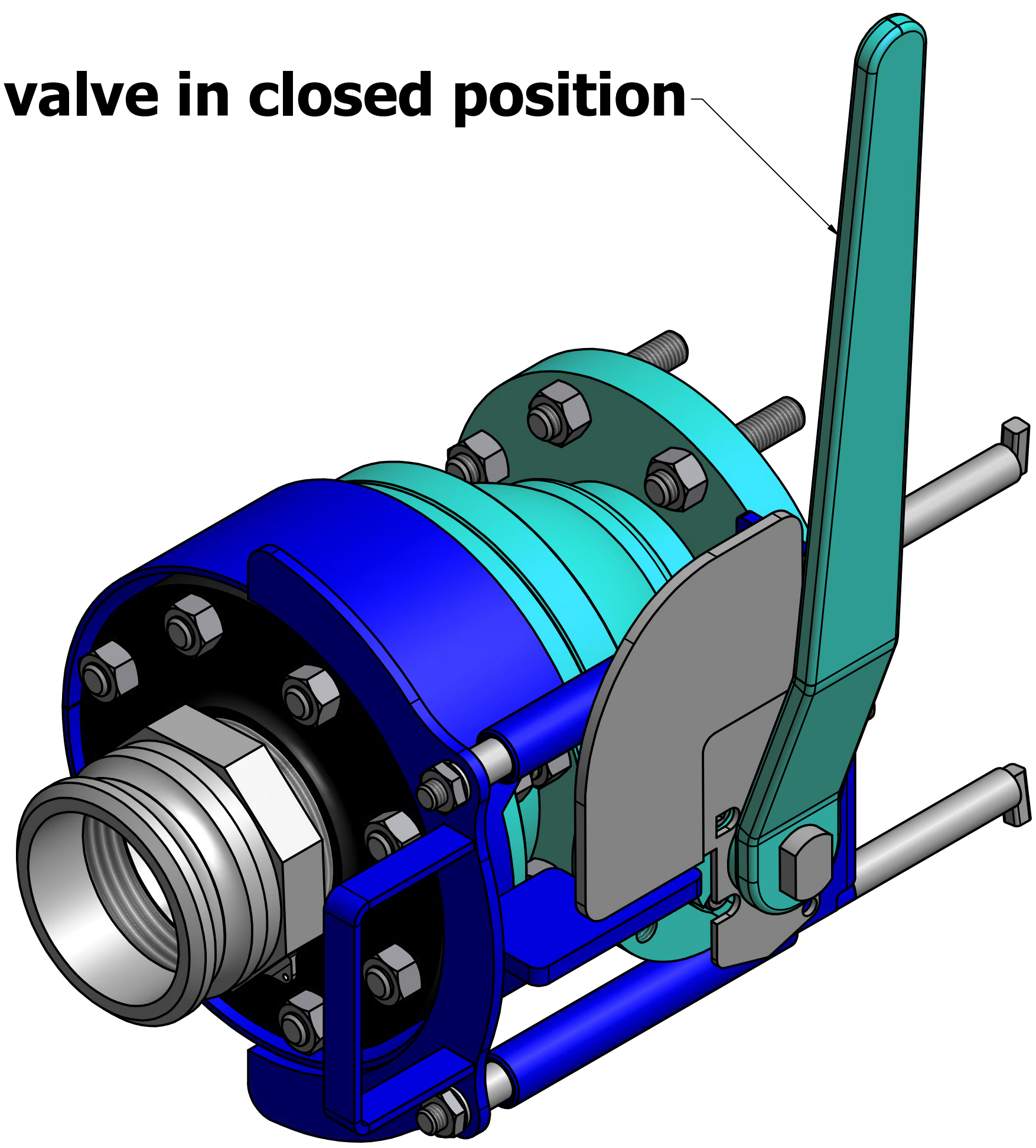
Camlock cap removed

Camlock released

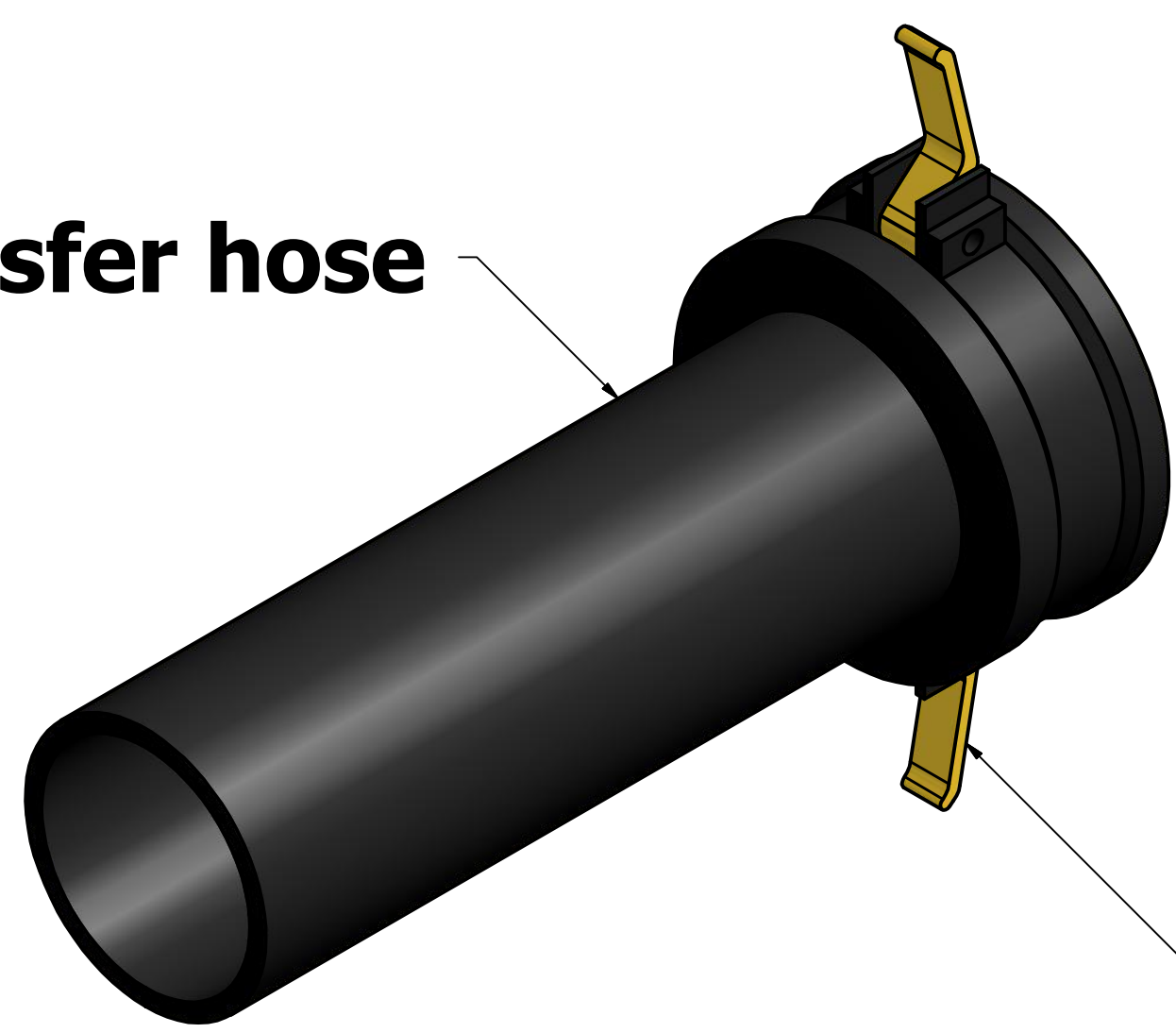
**Step 2: Closed position
Cap Removed**

DRAWN owner	23/12/2014	KENILWORTH COMBUSTION		
CHECKED		TITLE		
QA		BVSD_Complete Assembly_Function		
MFG				
APPROVED		SIZE C	DWG NO BVSD_Function	REV
		SCALE	SHEET 2 OF 5	

Ball valve in closed position



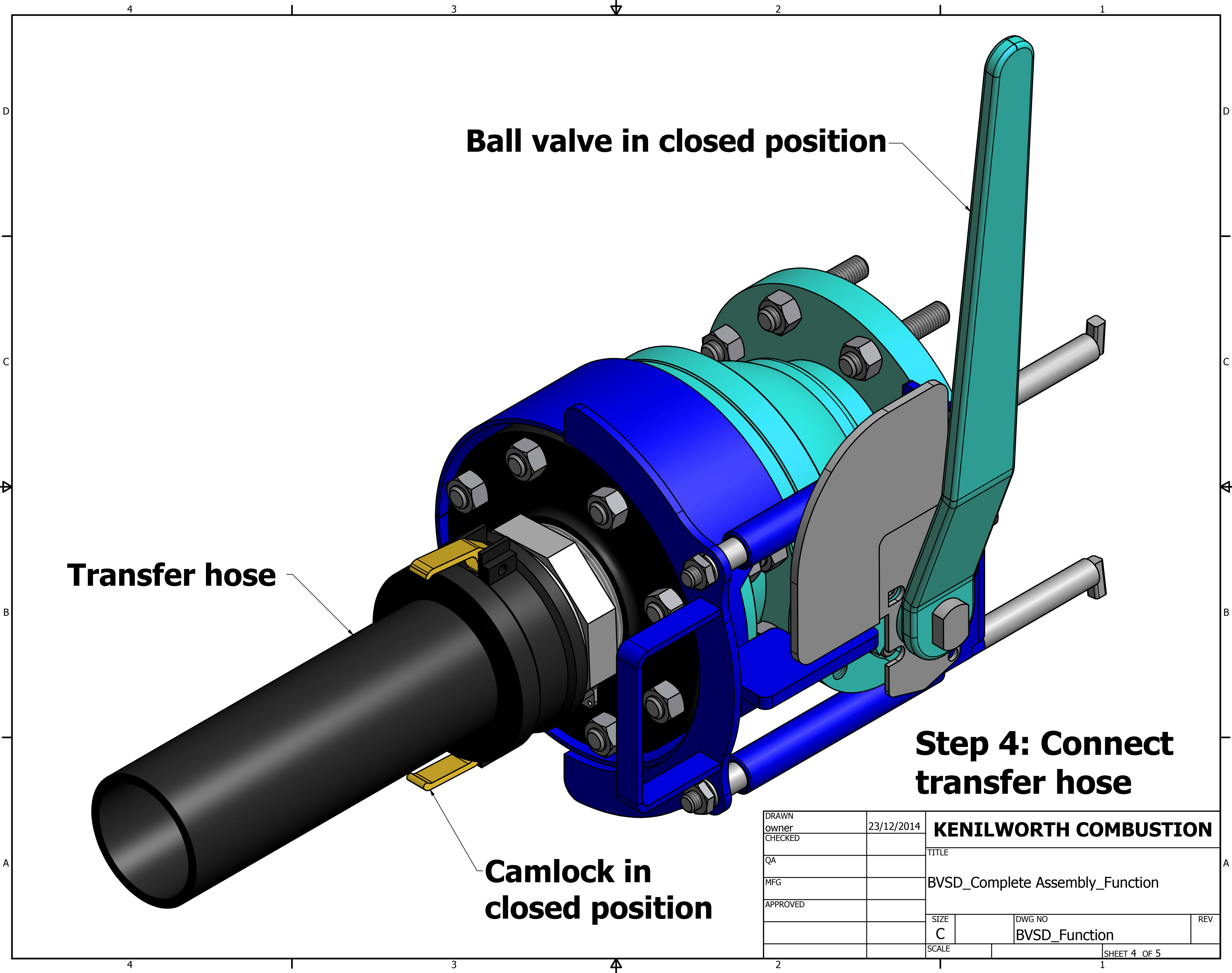
Transfer hose



Camlock in open position

Step 3: Prepare transfer hose

DRAWN owner	23/12/2014	KENILWORTH COMBUSTION		
CHECKED		TITLE		
QA		BVSD_Complete Assembly_Function		
MFG				
APPROVED		SIZE	DWG NO	REV
		C	BVSD_Function	
		SCALE	SHEET 3 OF 5	



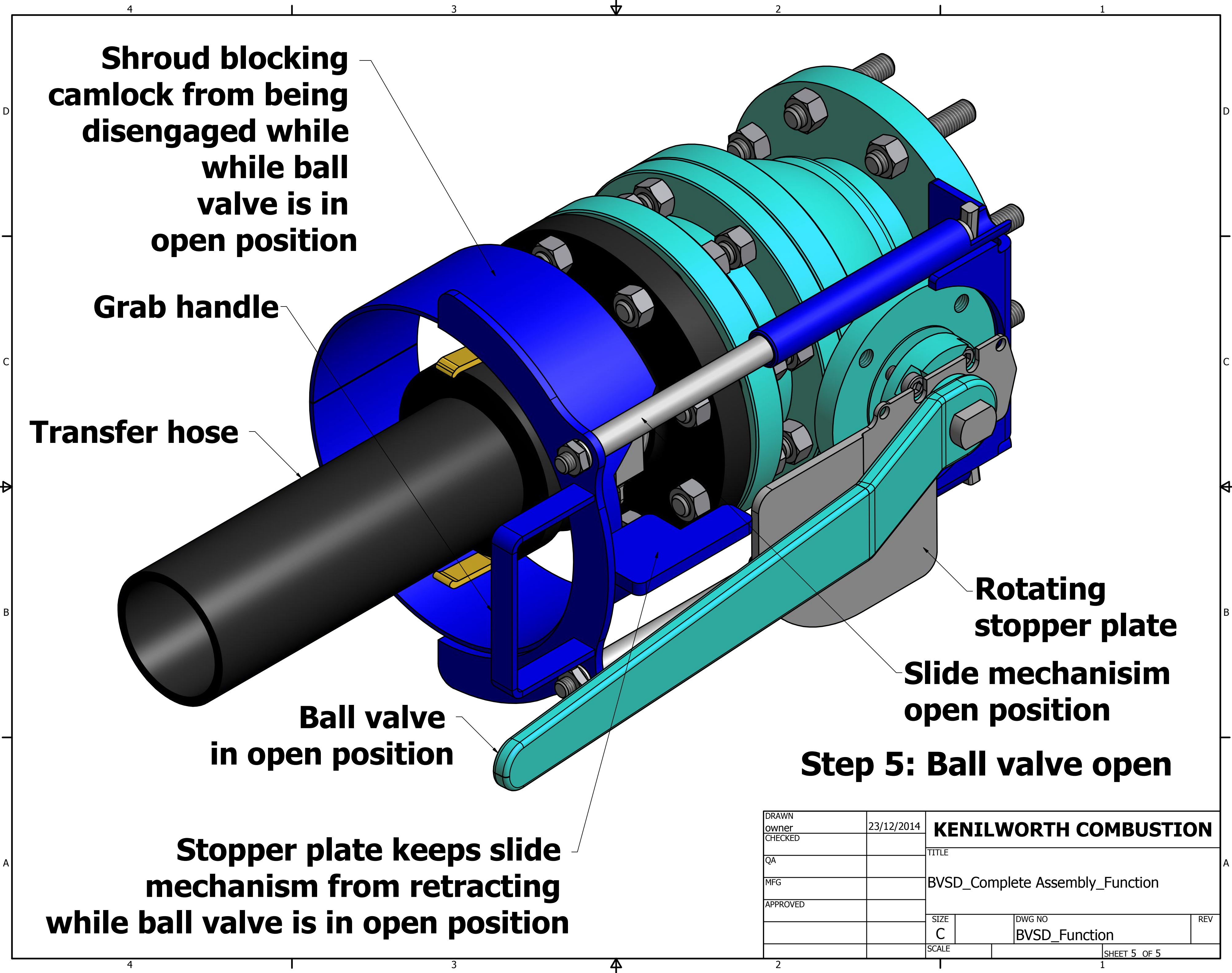
Transfer hose

Ball valve in closed position

Camlock in closed position

Step 4: Connect transfer hose

DRAWN	owner	23/12/2014	KENILWORTH COMBUSTION		
CHECKED	QA		TITLE		
	MFG		BVSD_Complete Assembly_Function		
APPROVED			SIZE	DWG NO	REV
			C	BVSD_Function	
			SCALE	SHEET 4 OF 5	



**Shroud blocking
camlock from being
disengaged while
while ball
valve is in
open position**

Grab handle

Transfer hose

**Ball valve
in open position**

**Stopper plate keeps slide
mechanism from retracting
while ball valve is in open position**

**Rotating
stopper plate**

**Slide mechanism
open position**

Step 5: Ball valve open

DRAWN	owner	23/12/2014	KENILWORTH COMBUSTION		
CHECKED			TITLE		
QA			BVSD_Complete Assembly_Function		
MFG					
APPROVED			SIZE	DWG NO	REV
			C	BVSD_Function	
			SCALE	SHEET 5 OF 5	