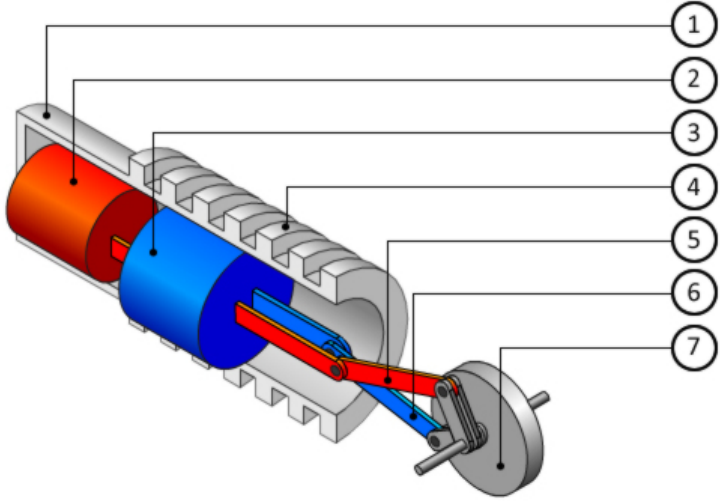


## Arbeitsblatt: Beta- Stirlingmotor

### Aufbau

Benennen Sie die Komponenten (1...7) des Beta-Stirlingmotors.

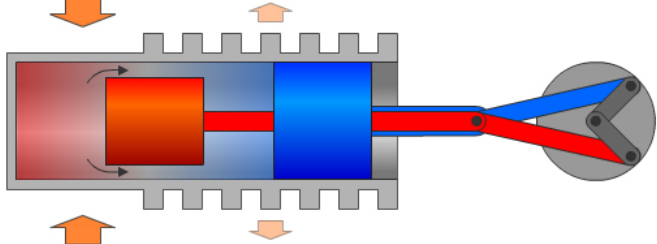
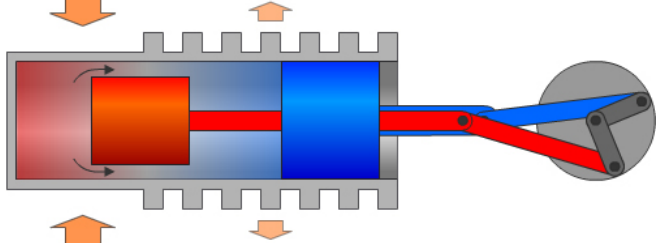
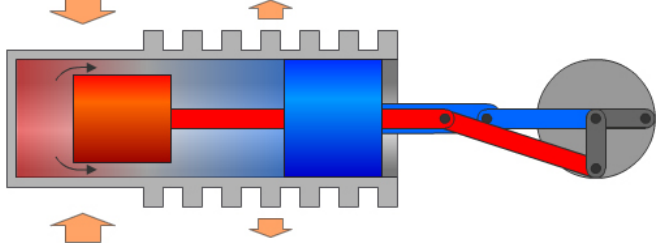
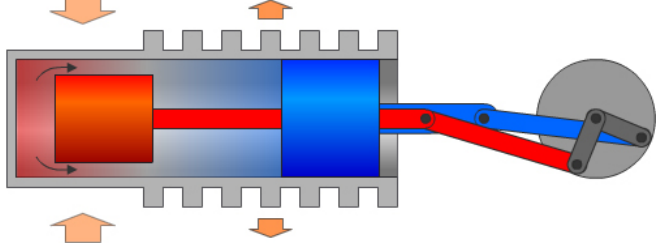


The diagram shows a 3D cutaway view of a Beta-Stirling engine. It features a horizontal cylinder with a red piston on the left and a blue piston on the right. A connecting rod links the two pistons. The cylinder is surrounded by a cooling jacket with cooling fins. A flywheel is attached to the right end of the cylinder. Seven numbered callouts (1-7) point to various components: 1 points to the top of the cooling jacket; 2 points to the top of the cylinder; 3 points to the top of the blue piston; 4 points to the top of the connecting rod; 5 points to the top of the flywheel; 6 points to the top of the flywheel's hub; and 7 points to the top of the flywheel's rim.

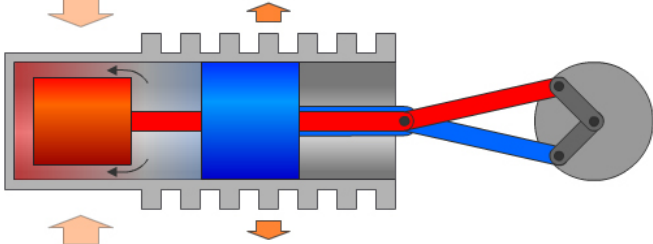
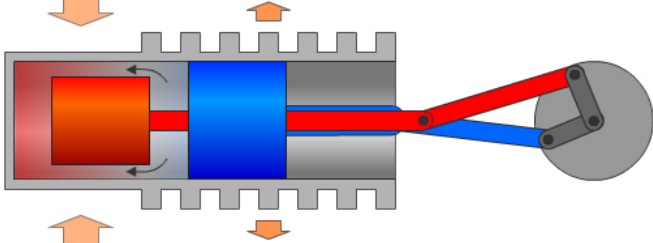
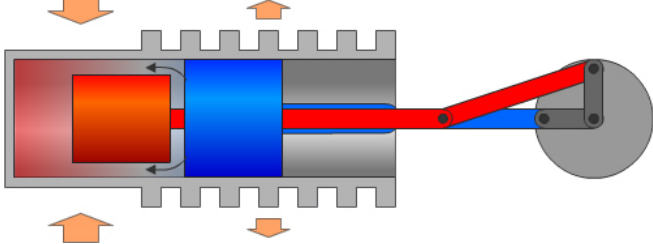
1	
2	
3	
4	
5	
6	
7	

**Funktionsweise und physikalischer Hintergrund**

Nr.	Abbildung	Kolbenbewegung	Zustandsänderung	Beschreibung
01				
02				
03				
04				

Nr.	Abbildung	Kolbenbewegung	Zustandsänderung	Beschreibung
05				
06				
07				
08				

Nr.	Abbildung	Kolbenbewegung	Zustandsänderung	Beschreibung
09				
10				
11				
12				

Nr.	Abbildung	Kolbenbewegung	Zustandsänderung	Beschreibung
13				
14				
15				
16	