

AWS31

SECTORS:



CHARACTERISTICS:

- Balanced.
- Shaft Fixing system Without screws.
- Independent Rotation System .

OPERATING LIMITS:

$d_1 = 20$ to 35 mm $p = 35$ kg/cm²
 $v = 20$ m/s $t = -40$ to $+150^{\circ}\text{C}$ (*)

(*) The temperature resistance depends on the material of the secondary seals used.

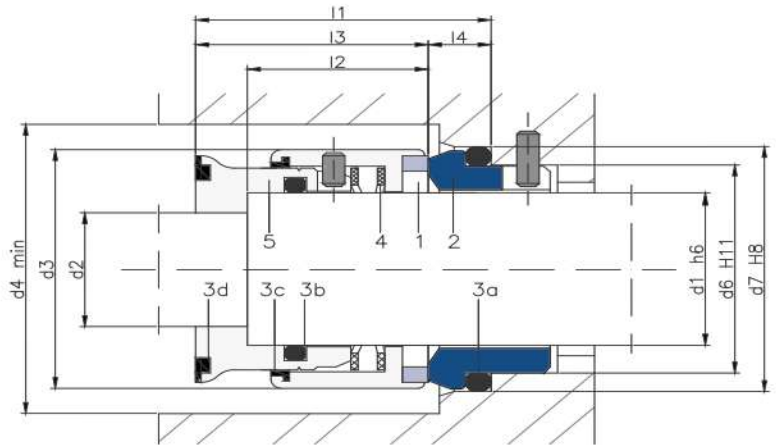
The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

A wave spring mechanical seal in which the spring is isolated and protected from the product. Its hygienic design reduces the likelihood of traces of product being deposited on its surface, thereby eliminating the risk of contamination.

COMPONENTS:

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3a O-rings
- 3b O-rings
- 3c Elastomeric cup
- 3d Elastomeric cup
- 4 Spring
- 5 Metal frame



DIMENSIONS CHART Dimensions in mm

Shaft	Rotary part					Stationary part			Total length
mm	d_2	d_3	l_4	l_2	l_3	d_6	d_7	l_4	l_1
20	13.5	34	39	23	29	29	35	8.5	37.5
25	18.5	39	44	24.5	31.5	34	40	8.5	40
35	22.5	49	54	26	34	44	50	8.5	42.5

Dimensions subject to changes or modifications.