

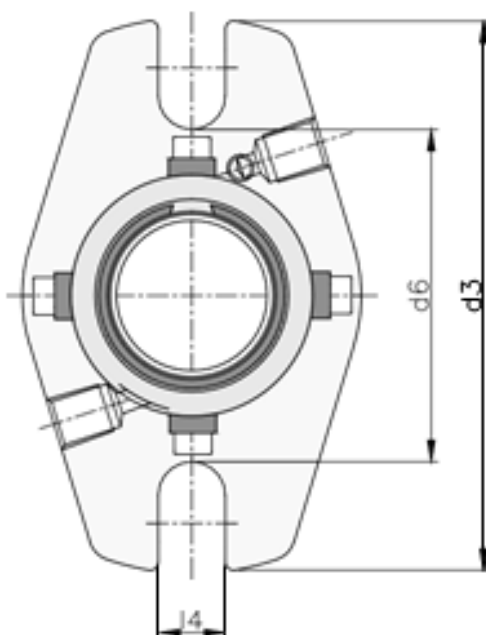


## CHARACTERISTICS

- Balanced.
- Multispring.
- Not dependent on the rotation direction.
- Stuffing box gland shape.
- Flush and drain connections.

## SECTOR

- Pharmaceutical industry
- Power plant technology
- Pulp and paper industry
- Water and waste water technology
- Mining industry
- Food and beverage industry
- Sugar industry
- Contaminated, abrasive and solids containing media
- Thick juice (70 ... 75 % sugar content)
- Raw sludge, sewage slurries
- Raw sludge pumps
- Thick juice pumps
- Conveying and bottling of dairy products



## OPERATING RANGE

$d_1 = 25 \div 70\text{mm}$ ,  $p = 20 \text{ kg/cm}^2$ ,  $v = 11.2 \text{ m/s}$ ,  $t = -15 \div +200\text{oC}$  (\*)

(\*) 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.

## ADVANTAGE

- Ideal for use in ANSI process pumps
- Universal applicable for packings conversions, retrofits or original equipment
- Seal for standardizations
- No dimensional modification of the seal chamber necessary, small radial installation height
- No damage of the shaft by dynamically loaded O-Ring
- Extended service life
- Installation faults are avoided, cost-effective
- No damage caused by dirt entered during assembly
- Straightforward and easy installation due to pre-assembled unit (reduced down-times)

## SEAL FACE MATERIALS.

Antimony impregnated carbon graphite  
 Resin impregnated carbon graphite  
 Sintered silicon carbide  
 Reaction bonded silicon carbide  
 Tungsten carbide

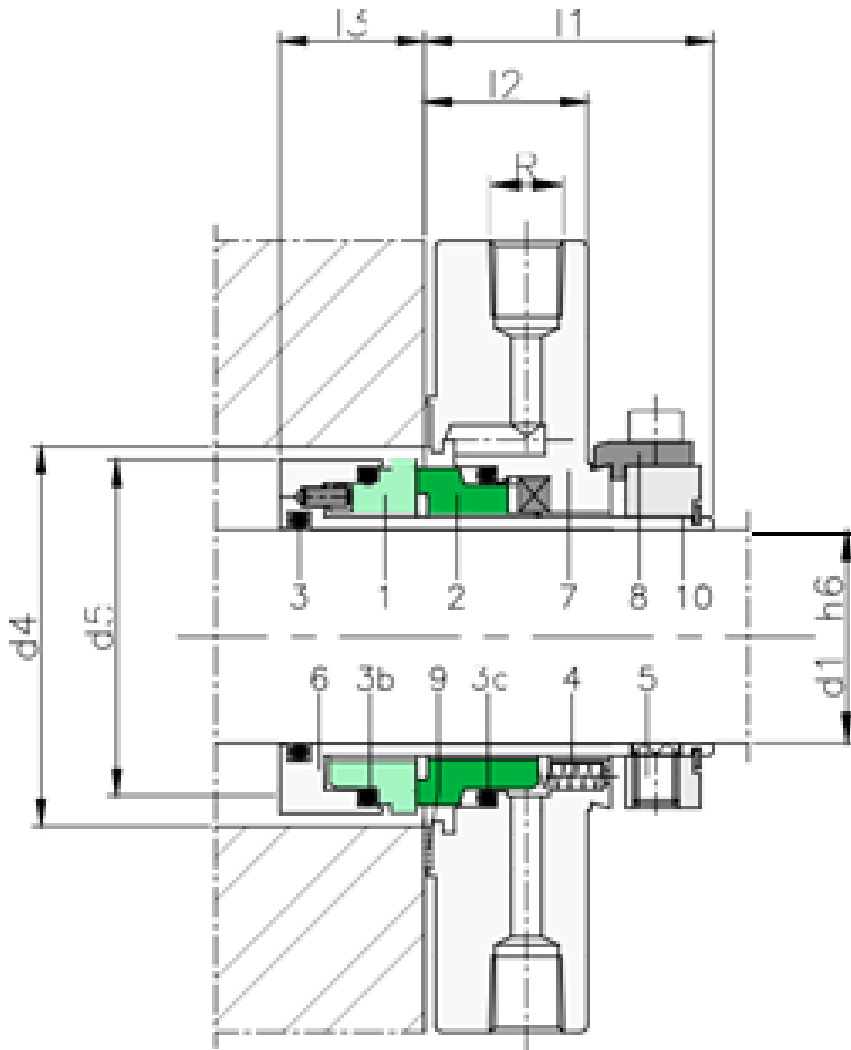
## FEATURES

- For unstepped shafts
- Single seal
- Balanced
- Independent of direction of rotation
- Encapsulated rotating spring

## DESCRIPTION

Cartridge cast flange with a stuffing box gland shape for replacing packing in pumps.

The springs are protected from the product to prevent the blocking in applications with particle-laden fluids. The flange has two connections, one for flushing and cleaning the faces, and the another is a drain to clean the springs and also to control the small leaks



**COMPONENTS**

- 1 Rotating contact surface
- 2 Stationary contact surface
- 3 O-rings
- 4 Springs
- 5 Set screws
- 6 Sleeve
- 7 Flange
- 8 Setting clips
- 9 Flat gasket
- 10 Drive ring

**DIMENSIONS IN INCHES**

OMP										
(")	mm	d <sub>3</sub>	d <sub>4</sub> min	d <sub>4</sub> max	d <sub>5</sub>	d <sub>6</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>
1,000	25,40	104	49	61	46,5	62	38	21,5	19	12,5
1125	28,58	104	52	63	48,5	62	38	21,5	19	12,5
1250	31,75	104	54	65	51,5	67	38	21,5	19	12,5
1375	34,93	115	57	68	53,5	70	38	21,5	19	12,5
1500	38,10	125	62	73	56,5	75	38	21,5	19	14,7
1625	41,28	133	66	77	60,5	79	38	21,5	19	14,7
1875	47,63	140	71	82	66,5	84	38	21,5	19	14,7
2125	53,98	150	79	90	73,5	92	38	21,5	19	17,5
2250	57,15	155	82	93	76,5	95	38	21,5	19	17,5
2375	60,33	160	87	98	78,5	100	38	21,5	19	17,5
2500	63,50	165	90	101	81,5	103	38	21,5	19	17,5
2625	66,68	170	97	108	86,5	110	38	21,5	19	17,5

Dimensions subject to changes or modifications.