



CHARACTERISTICS:

- Balanced.
- Welded Metal bellows.
- Not dependent on the rotation direction.
- Flushing and quenching connections.

OPERATING LIMITS:

$$d_1 = 25 \div 80 \text{ mm} \quad p = 20 \text{ kg/cm}^2$$

$$v = 25 \text{ m/s} \quad t = -15 \div +200^\circ\text{C} (*)$$

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

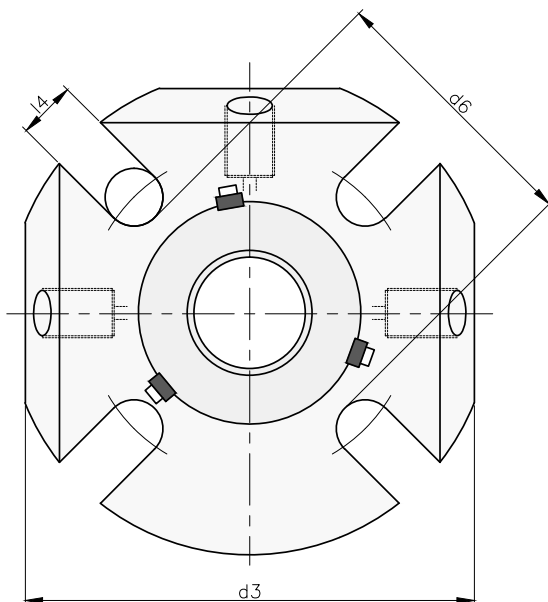
The operating limits are defined by the PV factor which is determined for the sealing system characteristics and those of the application.

DESCRIPTION:

A single cartridge seal that permits the injection of external fluids (quenching and flushing) and the recirculation of internal fluids (flushing).

The rotating part of the seal has a self-cleaning metal bellows structure.

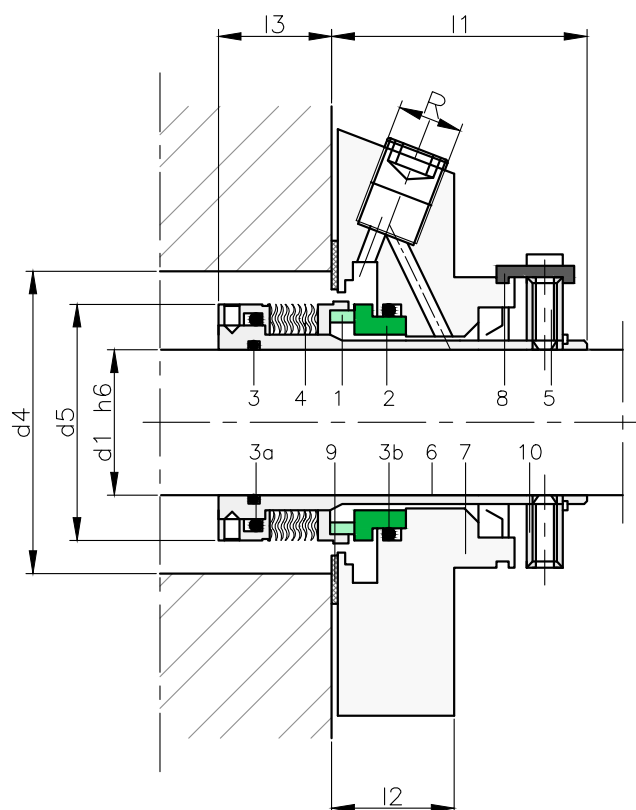
Suitable for applications with extremely viscous, sticky fluids laden with particles that run a risk of freezing, solidification or sedimentation.



CONNECTIONS (R):

From 25 mm to 65 mm: 1/4" NPT.

From 70 mm to 80 mm: 3/8" NPT.



COMPONENTS:

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

DIMENSIONS CHART

Dimensions in mm

Shaft mm	d_3	d_4 min.	d_4 mx.	d_5	d_6	l_1	l_2	l_3	l_4
25	105,0	47,0	51,0	45,0	62,0	53,4	25,4	26,1	13,2
30	105,0	52,0	56,0	49,4	67,0	53,4	25,4	25,0	13,2
32	108,0	54,5	57,0	52,3	70,0	53,4	25,4	25,0	13,2
33	108,0	54,5	57,0	52,3	70,0	53,4	25,4	25,0	13,2
35	113,0	58,0	61,5	54,8	72,0	53,4	25,4	25,0	13,2
38	123,0	60,0	66,0	57,5	75,0	53,4	25,4	25,0	14,0
40	123,0	62,0	68,0	58,8	77,0	53,4	25,4	24,8	14,2
43	133,0	64,5	70,5	61,9	80,0	53,4	25,4	25,0	14,2
45	138,0	68,5	73,0	65,0	82,0	53,4	25,4	25,0	14,2
48	138,0	71,0	75,0	68,4	85,0	53,4	25,4	25,3	14,2
50	148,0	73,0	78,0	70,0	87,0	53,4	25,4	25,7	14,2
53	148,0	75,0	87,0	71,9	97,0	53,4	25,4	24,4	18,0
55	148,0	77,0	83,0	74,6	92,0	53,4	25,4	25,5	18,0
60	157,0	87,0	91,0	83,9	102,0	53,4	25,4	26,7	18,0
65	163,0	90,0	98,5	87,5	109,3	53,4	25,4	26,6	18,0
70	178,0	98,0	108,0	93,0	118,3	53,4	25,4	28,1	18,0
75	190,0	101,6	118,0	96,8	129,0	63,9	28,0	30,5	18,0
80	195,0	108,0	124,0	104,7	135,0	64,0	28,0	30,4	18,0

Dimensions subject to changes or modifications.