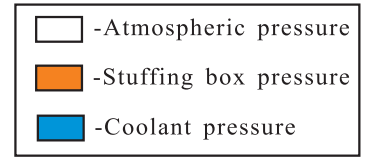
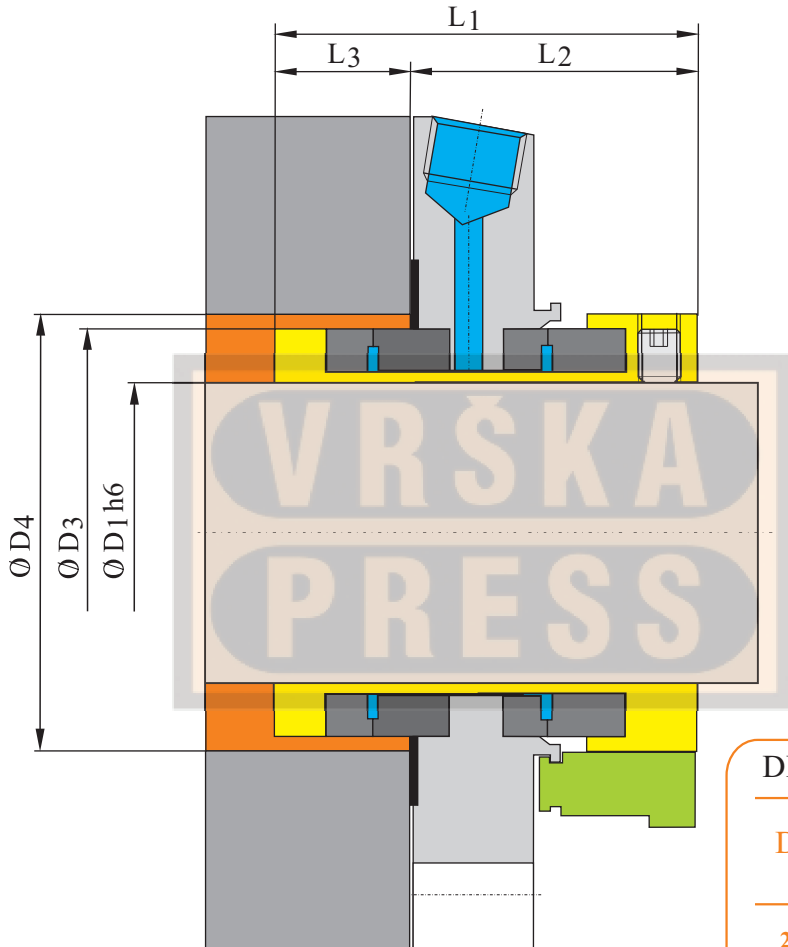


# Type CARTSEAL 17D

Double, Balanced, CARTRIDGE mechanical seal with cooling chamber



LIMITING FACTORS
D1 = 15...100 mm
p1 = 25(40) bar
t = 204 °C
Vg = 17 m/s
pV = 255 bar m/s

Connections:  
1/4" NPT (D1 < 38mm)  
3/8" NPT (D1 > 38mm)

## Working conditions

Double, balanced, cartridge mechanical seal with cooling chamber is best for working with abrasive and crystallizing fluids. At temperatures up to 204°C and pressures up to 25 (40) bar. This cartridge can endure both easy and hard industrial conditions. They found they usage in refinery and petrochemical industries.

## Design and constructive characteristics

Type 17D mechanical seal have best performances when working with crystallizing, burning and freezing fluid. Sealing faces can be successfully flushed and colled by means of buffer fluid (according to API 682 Standard), supplied between the two pairs of sealing faces from another source, at pressure higher then the working pressure. It's cartridge design enables simple and efficient mounting.

DIMENSION TABLE (mm)

D1	D3	D4 min.	D4 max.	L1	L2	L3
25	43,0	44,0	51,0	77,9	53,4	24,5
28	46,0	47,0	52,0	77,9	53,4	24,5
30	48,0	49,0	56,0	77,9	53,4	24,5
32	49,8	51,0	57,0	77,9	53,4	24,5
33	49,8	51,0	57,0	77,9	53,4	24,5
35	53,0	54,0	61,5	77,9	53,4	24,5
38	56,0	57,0	66,0	77,9	53,4	24,5
40	58,0	59,0	68,0	77,9	53,4	24,5
42	60,5	61,5	69,5	77,9	53,4	24,5
43	60,5	61,5	70,5	77,9	53,4	24,5
45	62,5	64,0	73,0	77,9	53,4	24,5
48	65,6	67,0	75,0	77,9	53,4	24,5
50	68,0	69,0	78,0	77,9	53,4	24,5
53	72,0	73,0	87,0	77,9	53,4	24,5
55	73,0	74,0	83,0	77,9	53,4	24,5
60	78,0	79,0	91,0	77,9	53,4	24,5
65	84,8	85,7	98,5	77,9	53,4	24,5
70	93,0	95,0	108,0	77,9	53,4	24,5
75	100,0	101,6	118,0	90	63,9	26,1
80	106,4	108,0	124,0	90	63,9	26,1
85	109,5	111,1	128,0	90	63,9	26,1
90	115,9	117,5	135,0	90	63,9	26,1
95	119,1	120,7	138,0	90	63,9	26,1
100	125,4	127,0	144,0	90	63,9	26,1