

# YT 341/343

EQUIVALENTS OF BT-BURGMANN RN SERIES



## Technical features

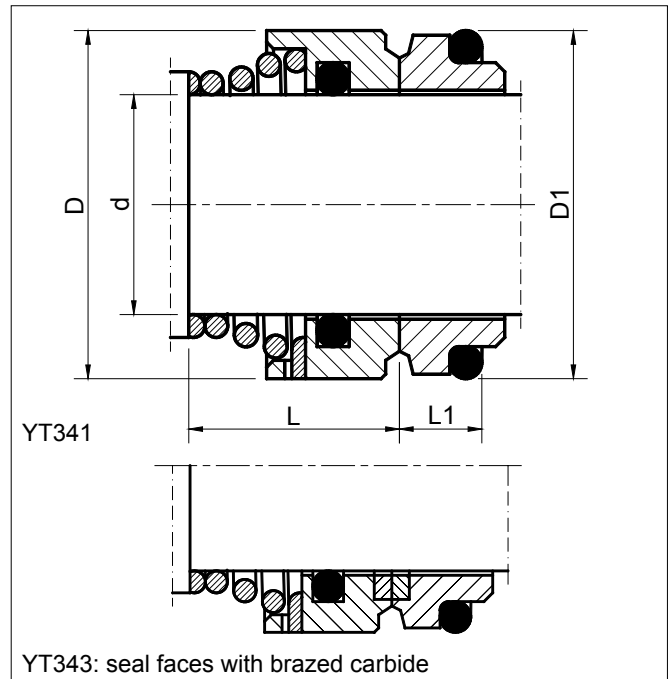
- Single seal
- Unbalanced
- Uni-directional
- Equivalent to BT-Burgmann RN/RN3, Roten type 2

## Operating limits

- $d_1 = 6 - 110 \text{ mm}$
- $p_1 = 1.0 \text{ MPa}$
- $t = -40 - 205 \text{ }^\circ\text{C}$
- $v_g = 20 \text{ m/s}$

## Materials

- Seal faces: AISI 316, Cr-Mo steel, silicon carbide, tungsten carbide
- Stationary seats: AISI 316, Cr-Mo steel, silicon carbide, tungsten carbide
- Springs, face housings: AISI 304, 316, 316Ti
- Secondary seals: NBR, FPM, EPDM



d	D	D1	L	L1
6	12	13.1	15	4.5
8	16	17.1	15	5.5
10	20	18.1	15	5.5
12	22	20.6	18	5.5
14	24	23.1	22	6.0
15	24	26.9	22	7.0
16	26	26.9	23	7.0
17	26	26.9	23	7.0
18	32	30.9	24	8.0
19	32	30.9	25	8.0
20	34	30.9	25	8.0
22	36	35.4	25	8.0
24	38	35.4	27	8.0
25	39	38.2	27	8.5
26	39	38.2	27	8.5
28	42	43.3	29	9.0
30	44	43.3	30	9.0
32	46	43.3	30	9.0
33	47	53.5	39	11.5
35	49	53.5	39	11.5
38	54	60.5	39	11.5
40	56	60.5	39	11.5
42	57	60.5	39	11.5
45	61	65.5	41	11.5
48	64	65.5	41	11.5
50	66	72.5	45	11.5
55	71	72.5	47	11.5
60	80	79.3	49	11.5
65	85	84.5	51	11.5
70	90	89.5	51	11.5
75	99	94.5	57	11.5
80	104	99.5	59	11.5
85	109	105.5	59	13.5
90	114	111.5	62	13.5
95	119	116.5	62	13.5
100	124	119.5	75	13.5
110	143	132.2	75	17.5

Dimensions in mm.