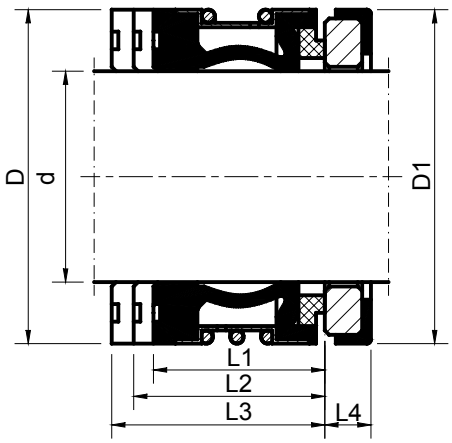
YT 210

EQUIVALENT OF JOHN CRANE TYPE 2100



Technical features

- Single seal
- Unbalanced
- Single spring
- Elastomer bellows
- Bayonet drive
- To DIN 24960, ISO3069
- Equivalent to John Crane type 2100

Operating limits

- d_1 = 10 - 100 mm, 3/8 - 4”
- p_1 = 1.8 MPa
- t = -40 - 205 °C
- v_g = 15 m/s

Materials

- Seal faces: carbon graphite (resin-impreg.), silicon carbide, tungsten carbide
- Stationary seats: alumina ceramic, Ni-resist, silicon carbide, tungsten carbide
- Bellows: Neoprene, NBR, FPM, EPDM
- Springs, drive bands: AISI 304, 316, 316Ti
- Secondary seals: Neoprene, NBR, FPM, EPDM

Dimensions in mm

d	D	D1	L1	L2	L3	L4
10	20	21	15	27.5	35.0	5
12	22	23	15	26.5	34.0	6
14	24	25	15	29.0	34.0	6
15	25	26	15	29.0	34.0	6
16	26	27	15	29.0	34.0	6
18	32	33	20	31.5	39.0	6
20	34	35	20	31.5	39.0	6
22	36	37	20	31.5	39.0	6
24	38	39	20	34.0	44.0	6
25	39	40	20	34.0	44.0	6
28	42	43	26	36.5	44.0	6
30	44	45	26	35.5	43.0	7
32	46	48	26	35.5	48.0	7
33	47	48	26	35.5	48.0	7
35	49	50	26	34.5	47.0	8
38	54	56	30	37.0	47.0	8
40	56	58	30	37.0	47.0	8
43	59	61	30	37.0	52.0	8
45	61	63	30	37.0	52.0	8
48	64	66	30	35.0	50.0	10
50	66	70	30	37.5	50.0	10
53	69	73	30	37.5	60.0	10
55	71	75	30	37.5	60.0	10
58	78	78	33	42.5	60.0	10
60	80	80	33	40.5	58.0	12
63	83	83	33	40.5	58.0	12
65	85	85	33	40.5	68.0	12
68	88	90	33	40.5	68.0	12
70	90	92	33	48.0	68.0	12
75	99	97	40	48.0	68.0	12
80	104	105	40	47.5	77.5	14
85	109	110	40	47.5	77.5	14
90	114	115	40	52.5	77.5	14
95	119	120	40	52.5	77.5	14
100	124	125	40	52.5	77.5	14

L_2 and L_3 conform to DIN 24960 L_{1K} and L_{1N} length standard respectively.

Dimensions in inches

d	D	D1	L1	L4
0.375	0.787	0.875	0.591	0.284
0.500	0.945	1.000	0.591	0.312
0.625	1.024	1.250	0.591	0.406
0.750	1.260	1.375	0.787	0.406
0.875	1.417	1.500	0.787	0.406
1.000	1.535	1.625	0.787	0.437
1.125	1.654	1.750	1.024	0.437
1.250	1.811	1.875	1.024	0.437
1.375	1.929	2.000	1.024	0.437
1.500	2.126	2.125	1.181	0.437
1.625	2.205	2.375	1.181	0.500
1.750	2.402	2.500	1.181	0.500
1.875	2.520	2.625	1.181	0.500
2.000	2.598	2.750	1.181	0.500
2.125	2.717	3.000	1.181	0.562
2.250	3.031	3.125	1.299	0.562
2.375	3.150	3.250	1.299	0.562
2.500	3.268	3.375	1.299	0.562
2.625	3.465	3.375	1.299	0.625
2.750	3.504	3.500	1.299	0.625
2.875	3.780	3.750	1.299	0.625
3.000	3.898	3.875	1.575	0.625