

BT Mechanical Seal

Model BT551



Standard Materials

Stationary Ring (Carbon / SIC / TC)

Rotary Ring (SUS304 / SUS316 / SIC / TC) Secondary Seal (NBR / EPDM / VITON / PTFE)

Spring & Other Parts (S.S / SUS304 / SUS316)

Operating Conditions

Max. Pressure : 10 kg/cm²

Temperature Range : -30 to 205 °C *

Max. Rubbing Speed : 10 m/sec

* (Depend on combination of materials)

Design Features

- . Unbalanced
- . Conical coil spring
- . Shrink-fitted seal faces can be easily replaced other materials

Model	d	d1	D	L	L1	L2
551-8	8	16	17.1	20.5	5.5	15
551-10	10	20	18.1	20.5	5.5	15
551-11	11	20	20.6	23.5	5.5	18
551-12	12	22	20.6	23.5	5.5	18
551-13	13	22	23.1	28	6	22
551-14	14	24	23.1	28	6	22
551-15	15	24	26.9	29	7	22
551-16	16	26	26.9	30	7	23
551-17	17	26	26.9	30	7	23
551-18	18	32	30.9	32	8	24
551-19	19	32	30.9	33	8	25
551-20	20	34	30.9	33	8	25
551-22	22	36	35.4	33	8	25
551-23	23	36	35.4	35	8	27
551-24	24	38	35.4	35	8	27
551-25	25	39	38.2	35.5	8.5	27
551-26	26	39	38.2	35.5	8.5	27
551-28	28	42	43.3	38	9	29
551-30	30	44	43.3	39	9	30
551-32	32	46	43.3	39	9	30
551-33	33	47	53.5	50.5	11.5	39
551-34	34	48	53.5	50.5	11.5	39
551-35	35	49	53.5	50.5	11.5	39
551-36	36	50	53.5	50.5	11.5	39
551-38	38	54	60.5	50.5	11.5	39
551-40	40	56	60.5	50.5	11.5	39
551-42	42	57	60.5	50.5	11.5	39
551-43	43	59	60.5	52.5	11.5	41
551-44	44	60	65.5	52.5	11.5	41
551-45	45	61	65.5	52.5	11.5	41
551-48	48	64	65.5	52.5	11.5	41
551-50	50	66	72.5	56.5	11.5	45
551-55	55	71	72.5	58.5	11.5	47
551-60	60	80	79.3	60.5	11.5	49
551-65	65	85	84.5	62.5	11.5	51
551-70	70	90	89.5	62.5	11.5	51
551-75	75	94.5	99	68.5	11.5	57

