

BT Mechanical Seal

Model BTMG1



Standard Materials

Stationary Ring (Ceramic/SiC/TC)

Rotary Ring (Carbon/SiC/TC)

Secondary Seal (NBR/EPDM/Viton)

Spring and Punched Parts (Steel)

Operating Conditions

Temperature : -30°C~200°C

Pressure : ≤ 1.2 Mpa

Speed : ≤ 12 m/Sec

Design Features

Elastomeric bellows seal design

Non-clogging single coil spring

self aligning feature compensates for

excessive shaft complies with

DIN24960,ISO3069

Model	d	d1	d2	D	L	L1	L2
MG1-10	10	20.5	22.5	19.2	22	7.5	14.5
MG1-12	12	22.5	25	21.6	21.5	6.5	15
MG1-14	14	26.5	28.5	24.6	23.5	6.5	17
MG1-15	15	26.5	28.5	24.6	24.5	7.5	17
MG1-16	16	26.5	28.5	28	25.5	8.5	17
MG1-18	18	29	32	30	28.5	9	19.5
MG1-19	19	33	37	35	21.5	8.5	13
MG1-20	20	33	37	35	30	8.5	21.5
MG1-22	22	33	37	35	30	8.5	21.5
MG1-24	24	38	42.5	38	31	8.5	22.5
MG1-25	25	38	42.5	38	31.5	8.5	23
MG1-28	28	44	49	42	36.5	10	26.5
MG1-30	30	44	49	45,50	38	11.5	26.5
MG1-32	32	46	53.5	48	39	11.5	27.5
MG1-33	33	46	53.5	50	39.5	12	27.5
MG1-35	35	50	57	52	40.5	12	28.5
MG1-38	38	53	59	55	41.3	11.3	30
MG1-40	40	55	62	58	41.8	11.8	30
MG1-42	42	58	65.5	62	43.2	13.2	30
MG1-43	43	58	65.5	62	43.2	13.2	30
MG1-45	45	60	68	64	42.8	12.8	30
MG1-48	48	63	70.5	68.4	43.3	12.8	30.5
MG1-50	50	65	74	69.3	43.3	12.8	30.5
MG1-53	53	70	78.5	72.3	46.5	13.5	33
MG1-55	55	72	81	75.4	49.5	14.5	35
MG1-58	58	75	85.5	78.4	51.5	14.5	37
MG1-60	60	79	88.5	80.4	52.5	14.5	38
MG1-65	65	84	93.5	85.4	54.2	14.2	40
MG1-68	68	88	96.5	91.5	54.9	14.9	40
MG1-70	70	90	99.5	92	54.2	14.2	40
MG1-75	75	95	107	99	55.2	15.2	40
MG1-80	80	100	112	109	57	16	41
MG1-85	85	107	120	109	57	16	41
MG1-90	90	114	127	114	61	16	45
MG1-95	95	119	132	120	63	17	46
MG1-100	100	124	137	123	64	17	47

