

WBF[®]

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Mechanical Seals

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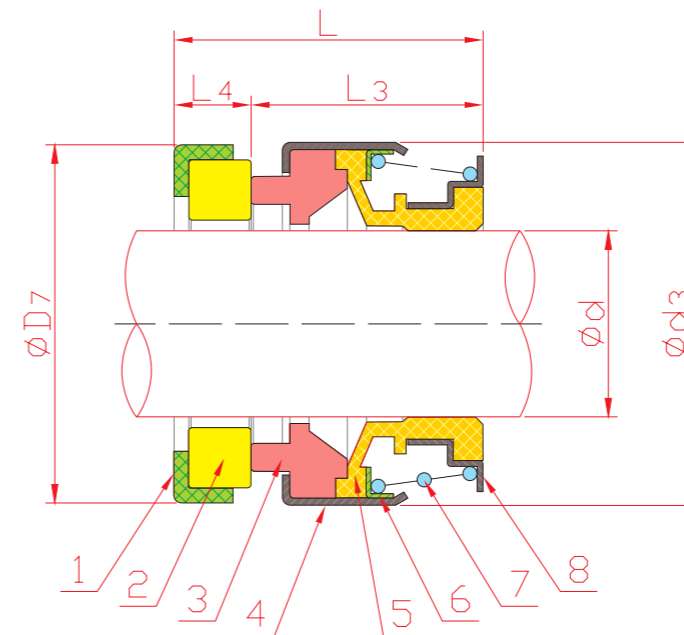
2021

Company Profile

At WBF, we specialize in design and manufacturing of mechanical seals for household, industrial and automotive applications such as; water pumps, industrial pumps, auto cooling pumps and air conditioner compressors. Offering a wide range of mechanical seals, our main focus is creating value based solutions for clients across the European market.



AR



■ Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary Ring	Alumina ceramic/SiC
3	Rotary Ring	Graphite carbon/SiC
4	Retainer	SUS304
5	Bellows	NBR / HNBR / VITON
6	Closing Ring	SUS304
7	Spring	SUS304
8	Spring Seat	SUS304

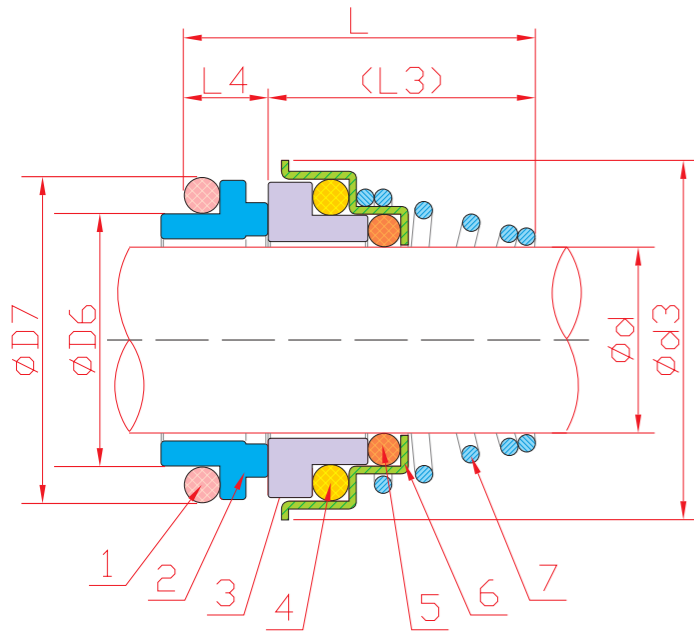
■ Application:

Pressure: 0.6MPa
 Speed: 10M/S
 Temperature: -30°C ~ 200°C

Stock Code	d	d3	D7	L	L3	L4
AR/6	6	18	22	15	11	4
AR/8	8	18	22	15	11	4
AR/9	9	24	26	21	13	8
AR/10	10	24	26	21	13	8
AR/11	11	24	26	21	13	8
AR/12	12	24	26	21	13	8
AR/13	13	24	26	18.5/21	13	5.5/8
AR/14	14	28	28.5/30	21	13	8
AR/14B	14	32	29.5	21	13	8
AR/15	15	28	30	21	13	8
AR/15B	15	32	29.5	21	13	8
AR/16	16	28	30	21	13	8
AR/16B	16	39	38/42	21	13	8
AR/17	17	39	42	21	13	8
AR/18	18	39	42	21	13	8
AR/19	19	39	42	21	13	8
AR/20	20	39	42	21	13	8
AR/20B	20	42	45	21.5/23	13	8.5/10
AR/22B	22	39	42	21	13	8
AR/22	22	42	45	21.5/23	13	8.5/10
AR/23	23	47	50	23.5	13.5	10
AR/24	24	47	50	23.5	13.5	10
AR/25	25	42	50	23.5	13.5	10
AR/25B	25	47	50	23.5	13.5	10
AR/26	26	47	50	23.5	13.5	10
AR/27	27	47	50	23.5	13.5	10
AR/28	28	54	57	25	15	10
AR/30	30	54	57	25	15	10
AR/32	32	54	57	25	15	10
AR/35	35	60	63	26	16	10
AR/38	38	65	68	30	18	12
AR/40	40	65	68	30	18	12
AR/45	45	70	73	32	20	12
AR/50	50	85	88	38	23	15
AR/55	55	85	88	38	23	15
AR/60	60	105	110	45	30	15
AR/65	65	105	110	45	30	15
AR/70	70	105	110	47	32	15



FN



Application:

Pressure : 1MPa
 Speed:12M/S
 Temperature : -30°C~200°C

Stock Code	d	d3	D6	D7	L	L3	L4
FN/10	10.0	20.0	14.0	18.1	20.5	15.0	5.5
FN/11	11.0	22.0	16.5	20.6	23.5	18.0	5.5
FN/12	12.0	22.0	16.5	20.6	23.5	18.0	5.5
FN/13	13.0	25.0	19.0	23.1	28.0	22.0	6.0
FN/14	14.0	25.0	19.0	23.1	28.0	22.0	6.0
FN/15	15.0	29.0	21.0	26.9	30.0	22.0	8.0
FN/16	16.0	29.0	21.0	26.9	30.0	22.0	8.0
FN/17	17.0	29.0	21.0	26.9	30.0	22.0	8.0
FN/18	18.0	33.0	25.0	30.9	32.0	24.0	8.0
FN/19	19.0	33.0	25.0	30.9	33.0	25.0	8.0
FN/20	20.0	33.0	25.0	30.9	33.0	25.0	8.0
FN/21	21.0	38.0	30.0	35.4	33.0	25.0	8.0
FN/22	22.0	38.0	30.0	35.4	33.0	25.0	8.0
FN/23	23.0	38.0	30.0	35.4	35.0	27.0	8.0
FN/24	24.0	38.0	30.0	35.4	35.0	27.0	8.0
FN/25	25.0	40.0	33.0	38.2	35.5	27.0	8.5
FN/28	28.0	46.0	38.0	43.3	39.0	30.0	9.0
FN/29	29.0	46.0	38.0	43.3	39.0	30.0	9.0
FN/30	30.0	46.0	38.0	43.3	39.0	30.0	9.0
FN/32	32.0	46.0	38.0	43.3	39.0	30.0	9.0
FN/33	33.0	48.0	45.0	53.5	50.5	39.0	11.5
FN/35	35.0	50.0	45.0	53.5	50.5	39.0	11.5
FN/38	38.0	58.0	52.0	60.5	50.5	39.0	11.5
FN/40	40.0	58.0	52.0	60.5	50.5	39.0	11.5

Specification:

No.	DESCRIPTION	MATERIAL
1	O-Ring	NBR / HNBR / VITON
2	Stationary Ring	Graphite carbon/SIC
3	Rotary Ring	Alumina ceramic/SIC
4	O-Ring	NBR / HNBR / VITON
5	O-Ring	NBR / HNBR / VITON
6	Retainer	SUS304
7	Spring	SUS304



MG1

Specification:

No.	DESCRIPTION	MATERIAL
1	Cup Gasket	NBR / HNBR / VITON
2	Stationary Ring	Alumina ceramic/SIC
3	Rotary Ring	Graphite carbon/SIC
4	Bellows	NBR / HNBR / VITON
5	Spring Seat A	SUS304
6	Spring	SUS304
7	Spring Seat B	SUS304

Application:

Pressure: 1.2MPa
 Speed: 10M/S
 Temperature: -30°C~200°C

Stock Code	d	d3	d6	d7	d8	d11	d12	dm	L3	L4	L8	L9	L10	L12	L14
MG1/8	8	21	17	21	3	/	/	/	14.0	6.0	/	/	/	/	/
MG1/10	10	22.5	17	21	3	15.5	19.2	15.7	14.5	6.6	17.5	10.0	7.5	7.5	6.6
MG1/12	12	25.0	19	23	3	17.5	21.6	17.7	15.0	6.6	17.5	10.0	7.5	6.5	5.6
MG1/14	14	28.5	21	25	3	20.5	24.6	19.7	17.0	6.6	17.5	10.0	7.5	6.5	5.6
MG1/15	15	28.5	/	/	/	20.5	24.6	20.8	17.0	/	/	/	/	7.5	6.6
MG1/16	16	28.5	23	27	3	22.0	28.0	21.0	17.0	6.6	17.5	10.0	7.5	8.5	7.5
MG1/18	18	32.0	27	33	3	24.0	30.0	23.7	19.5	7.5	19.5	11.5	8.5	9.0	8.0
MG1/19	19	37.0	/	/	/	/	/	26.7	21.5	/	/	/	/	/	/
MG1/20	20	37.0	29	35	3	29.5	35.0	26.7	21.5	7.5	19.5	11.5	8.5	8.5	7.5
MG1/22	22	37.0	31	37	3	29.5	35.0	27.7	21.5	7.5	19.5	11.5	8.5	8.5	7.5
MG1/24	24	42.5	33	39	3	32.0	38.0	31.2	22.5	7.5	19.5	11.5	8.5	8.5	7.5
MG1/25	25	42.5	34	40	3	32.0	38.0	31.2	23.0	7.5	19.5	11.5	8.5	8.5	7.5
MG1/28	28	49.0	37	43	3	36.0	42.0	35.0	26.5	7.5	19.5	11.5	8.5	10.0	9.0
MG1/30	30	49.0	39	45	3	39.2	45.0	37.0	26.5	7.5	19.5	11.5	8.5	11.5	10.5
MG1/32	32	53.5	42	48	3	42.2	48.0	40.2	27.5	7.5	19.5	11.5	8.5	11.5	10.5
MG1/33	33	53.5	42	48	3	44.2	50.0	40.2	27.5	7.5	19.5	11.5	8.5	12.0	11.0
MG1/35	35	57.0	44	50	3	46.2	52.0	43.2	28.5	7.5	19.5	11.5	8.5	12.0	11.0
MG1/38	38	59.0	49	56	4	49.2	55.0	46.2	30.0	9.0	22.0	14.0	10.0	11.3	10.3
MG1/40	40	62.0	51	58	4	52.2	58.0	48.8	30.0	9.0	22.0	14.0	10.0	11.8	10.8
MG1/42	42	65.5	/	/	/	/	/	51.8	30.0	/	/	/	/	13.2	12.0
MG1/43	43	65.5	54	61	4	53.3	62.0	51.8	30.0	9.0	22.0	14.0	10.0	13.2	12.0
MG1/45	45	68.0	56	63	4	55.3	64.0	53.8	30.0	9.0	22.0	14.0	10.0	12.8	11.6
MG1/48	48	70.5	59	66	4	59.7	68.4	56.8	30.5	9.0	22.0	14.0	10.0	12.8	11.6
MG1/50	50	74.0	62	70	4	60.8	69.3	58.8	30.5	9.5	23.0	15.0	10.5	12.8	11.6
MG1/53	53	78.5	65	73	4	63.8	72.3	62.2	33.0	11.0	23.0	15.0	12.0	13.5	12.3
MG1/55	55	81.0	67	75	4	66.5	75.4	64.2	35.0	11.0	23.0	15.0	12.0	14.5	13.3
MG1/58	58	85.5	70	78	4	69.5	78.4	67.2	37.0	11.0	23.0	15.0	12.0	14.5	13.3
MG1/60	60	88.5	72	80	4	71.5	80.4	70.0	38.0	11.0	23.0	15.0	12.0	14.5	13.3
MG1/65	65	93.5	77	85	4	76.5	85.4	75.0	40.0	11.0	23.0	15.0	12.0	14.2	13.0
MG1/68	68	96.5	81	90	4	82.7	91.5	78.0	40.0	11.3	26.0	18.0	12.5	14.9	13.7
MG1/70	70	99.5	83	92	4	83.0	92.0	80.0	40.0	11.3	26.0	18.0	12.5	14.2	13.0
MG1/75	75	107	88	97	4	90.2	99.0	85.5	40.0	11.3	26.0	18.0	12.5	15.2	14.0
MG1/80	80	112	95	105	4	95.2	104.0	90.5	40.0	12.0	26.2	18.2	13.0	16.2	15.0
MG1/85	85	120	100	110	4	100.2	109.0	96.0	41.0	14.0	26.2	18.2	15.0	16.0	14.8
MG1/90	90	127	105	115	4	105.2	114.0	102	45.0	14.0	26.2	18.2	15.0	16.0	14.8
MG1/95	95	132	110	120	4	111.6	120.3	107	46.0	14.0	25.2	17.2	15.0	17.0	15.8
MG1/100	100	137	115	125	4	114.5	123.3	112	47.0	14.0	25.2	17.2	15.0	17.0	15.8

