



MBRS - Metric Rod Buffer Seal

A product of MFP Seals.

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MBRS

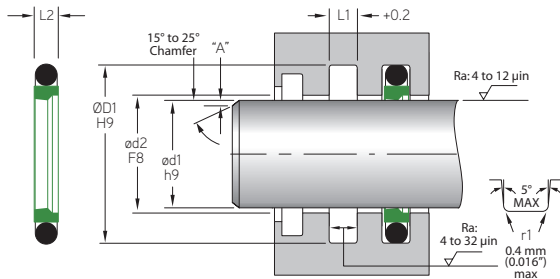
MBRS - METRIC ROD BUFFER SEAL

MFP Seals' MBRS is designed for use as a buffer seal or as the primary sealing element. When used as a buffer seal a primary rod seal would be designed into the groove downstream of the pressure. The MBRS seal is composed of a two piece design consisting of a filled PTFE ring along with a rubber energizer. The MBRS offers low friction and long life due to its material composition.



The standard compound for this seal is T5100 / N6001.

For increased chemical and temperature resistance, other compounds are available (See pages 20-37).



MFP PART NUMBER

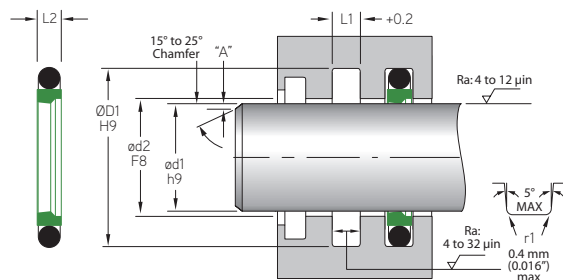
MBRS006x11.0x2.2T5100N

SEAL TYPE ød1 ØD1 L1 COMPOUND EXPANDER COMPOUND

Pressure: 350 bar (5,000 psi)

Max. Velocity: 4.0 m/s (13 ft./s)

MFP PART NUMBER	ROD APPLICATION				
	ød1	ød2	ØD1	L2	L1
TOLERANCE	h9	F8	H9		+0.2
MBRS-006X011.0X2.2	6	6	11	2	2.2
MBRS-008X013.0X2.2	8	8	13	2	2.2
MBRS-010X015.0X2.2	10	10	15	2	2.2
MBRS-012X017.0X2.2	12	12	17	2	2.2
MBRS-012X019.5X3.2	12	12	19.5	3	3.2
MBRS-014X019.0X2.2	14	14	19	2	2.2
MBRS-014X021.5X3.2	14	14	21.5	3	3.2
MBRS-015X030.5X6.3	15	15	30.5	5.9	6.3
MBRS-016X023.5X3.2	16	16	23.5	3	3.2
MBRS-018X025.5X3.2	18	18	25.5	3	3.2
MBRS-020X027.5X3.2	20	20	27.5	3	3.2
MBRS-020X031.0X4.2	20	20	31	4	4.2
MBRS-020X035.5X6.3	20	20	35.5	5.9	6.3
MBRS-022X029.5X3.2	22	22	29.5	3	3.2
MBRS-022X033.0X4.2	22	22	33	4	4.2
MBRS-025X032.5X3.2	25	25	32.5	3	3.2
MBRS-025X036.0X4.2	25	25	36	4	4.2
MBRS-025X040.5X6.3	25	25	40.5	5.9	6.3
MBRS-028X039.0X4.2	28	28	39	4	4.2
MBRS-030X045.5X6.3	30	30	45.5	5.9	6.3
MBRS-032X043.0X4.2	32	32	43	4	4.2
MBRS-035X050.5X6.3	35	35	50.5	5.9	6.3
MBRS-036X047.0X4.2	36	36	47	4	4.2
MBRS-040X051.0X4.2	40	40	51	4	4.2
MBRS-040X055.5X6.3	40	40	55.5	5.9	6.3
MBRS-045X056.0X4.2	45	45	56	4	4.2



MBRS

MFP PART NUMBER	ROD APPLICATION				
	ØD1	ød2	ØD1	L2	L1
TOLERANCE	h9	F8	H9		+0.2
MBRS-045X060.5X6.3	45	45	60.5	5.9	6.3
MBRS-050X061.0X4.2	50	50	61	4	4.2
MBRS-050X065.5X6.3	50	50	65.5	5.9	6.3
MBRS-055X070.5X6.3	55	55	70.5	5.9	6.3
MBRS-056X067.0X4.2	56	56	67	4	4.2
MBRS-056X071.5X6.3	56	56	71.5	5.9	6.3
MBRS-060X071.0X4.2	60	60	71	4	4.2
MBRS-060X075.5X6.3	60	60	75.5	5.9	6.3
MBRS-063X074.0X4.2	63	63	74	4	4.2
MBRS-063X078.5X6.3	63	63	78.5	5.9	6.3
MBRS-065X080.5X6.3	65	65	80.5	5.9	6.3
MBRS-070X085.5X6.3	70	70	85.5	5.9	6.3
MBRS-075X090.5X6.3	75	75	90.5	5.9	6.3
MBRS-080X095.5X6.3	80	80	95.5	5.9	6.3
MBRS-085X100.5X6.3	85	85	100.5	5.9	6.3
MBRS-090X105.5X6.3	90	90	105.5	5.9	6.3
MBRS-095X110.5X6.3	95	95	110.5	5.9	6.3
MBRS-100X115.5X6.3	100	100	115.5	5.9	6.3
MBRS-105X120.5X6.3	105	105	120.5	5.9	6.3
MBRS-110X125.5X6.3	110	110	125.5	5.9	6.3
MBRS-115X130.5X6.3	115	115	130.5	5.9	6.3
MBRS-120X135.5X6.3	120	120	135.5	5.9	6.3
MBRS-125X140.5X6.3	125	125	140.5	5.9	6.3
MBRS-130X145.5X6.3	130	130	145.5	5.9	6.3
MBRS-135X150.5X6.3	135	135	150.5	5.9	6.3
MBRS-140X155.5X6.3	140	140	155.5	5.9	6.3
MBRS-145X160.5X6.3	145	145	160.5	5.9	6.3
MBRS-150X165.5X6.3	150	150	165.5	5.9	6.3
MBRS-160X175.5X6.3	160	160	175.5	5.9	6.3
MBRS-160X181.5X8.1	160	160	181.5	7.9	8.1
MBRS-165X180.5X6.3	165	165	180.5	5.9	6.3
MBRS-180X195.5X6.3	180	180	195.5	5.9	6.3
MBRS-180X201.0X8.1	180	180	201	7.9	8.1
MBRS-200X221.0X8.1	200	200	221	7.9	8.1
MBRS-220X241.0X8.1	220	220	241	7.9	8.1
MBRS-250X271.0X8.1	250	250	271	7.9	8.1
MBRS-280X304.5X8.1	280	280	304.5	7.9	8.1
MBRS-320X344.5X8.1	320	320	344.5	7.9	8.1
MBRS-360X384.5X8.1	360	360	384.5	7.9	8.1