



MBRU - Metric Rod Buffer Seal

A product of MFP Seals.

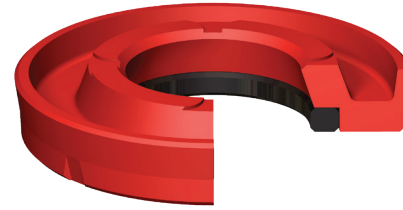
MFPSEALS
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MBRU

MBRU - Rod Buffer Seal

MFP Seals' MBRU is a compact, dual-purpose seal. Designed to be both a rod seal and a buffer seal, for the primary rod seal. The MBRU handles most of the rod sealing load while specially designed relief vents, eliminate pressure traps between the MBRU and primary rod seal. This allows fluid to bypass the MBRU, energizing the primary rod seal. Working in tandem, the MBRU and primary rod seal provide unparalleled performance in extreme applications.

This seal offers extremely low compression set and excellent extrusion resistance. Working together with the primary rod seal, the rod buffer enhances performance in extreme applications.



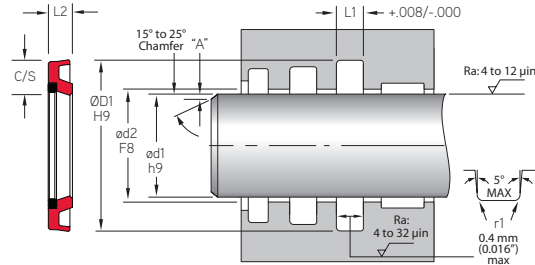
With M1001, Anti-Extrusion Ring (AER)

The standard compound for this seal is U2151.
It is also available in compounds U2150, U2162, U4150.

MFP PART NUMBER - AE-RING

MBRU-1250X1812X125U2151/M1001

SEAL TYPE $\varnothing d1$ $\varnothing D1$ L2 SEAL COMPOUND AER



Pressure: 690 bar (10,000 psi)*

Max. Velocity: 0.5 m/s (< 1.6 ft./s)

*10,000 psi achieved with max E-gap of .005", contact MFP Engineering for E-Gap information and Gland Design Assistance. See disclaimer for BRU on page 197.

MFP PART NUMBER	ROD APPLICATION				
	$\varnothing d1$	$\varnothing d2$	$\varnothing D1$	L2	L1
TOLERANCE	h9	F8	H9		+0.2
MBRU-040X055.5X06.3	40	40	55.5	5.9	6.3
MBRU-045X060.5X06.3	45	45	60.5	5.9	6.3
MBRU-050X065.5X06.3	50	50	65.5	5.9	6.3
MBRU-055X070.5X06.3	55	55	70.5	5.9	6.3
MBRU-060X075.5X06.3	60	60	75.5	5.9	6.3
MBRU-063X078.5X06.3	63	63	78.5	5.9	6.3
MBRU-065X080.5X06.3	65	65	80.5	5.9	6.3
MBRU-070X085.5X06.3	70	70	85.5	5.9	6.3
MBRU-075X090.5X06.3	75	75	90.5	5.9	6.3
MBRU-080X095.5X06.3	80	80	95.5	5.9	6.3
MBRU-085X100.5X06.3	85	85	100.5	5.9	6.3
MBRU-090X105.5X06.3	90	90	105.5	5.9	6.3
MBRU-095X110.5X06.3	95	95	110.5	5.9	6.3
MBRU-100X115.5X06.3	100	100	115.5	5.9	6.3
MBRU-105X120.5X06.3	105	105	120.5	5.9	6.3
MBRU-110X125.5X06.3	110	110	125.5	5.9	6.3
MBRU-115X130.5X06.3	115	115	130.5	5.9	6.3
MBRU-120X135.5X06.3	120	120	135.5	5.9	6.3
MBRU-125X140.5X06.3	125	125	140.5	5.9	6.3
MBRU-130X145.5X06.3	130	130	145.5	5.9	6.3
MBRU-140X150.5X06.3	140	140	150.5	5.9	6.3
MBRU-150X165.5X06.3	150	150	165.5	5.9	6.3
MBRU-160X175.5X06.3	160	160	175.5	5.9	6.3
MBRU-180X201.0X08.1	180	180	201.0	7.3	8.1
MBRU-200X221.0X08.1	200	200	221.0	7.3	8.1