



BRU - Rod Buffer Seal

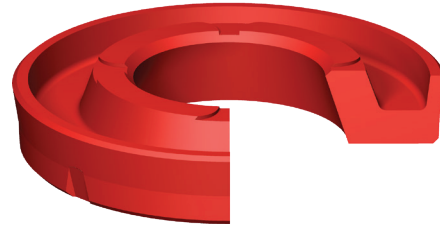
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BRU

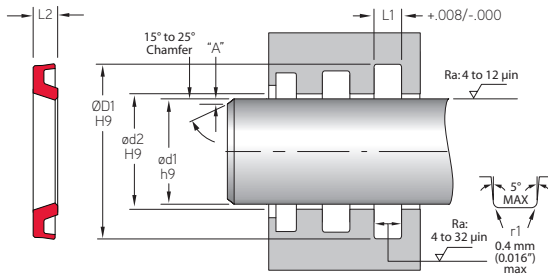
BRU - Rod Buffer Seal

MFP Seals' BRU is a dual-purpose seal, designed to be both a secondary rod seal and a buffer ring for the primary rod seal. While taking on a large portion of the sealing load, the BRU still allows enough fluid to pass to allow the primary rod seal to energize. The BRU is designed with special relief vents to eliminate pressure traps between the BRU and primary rod seal. Working together with the primary rod seal, the BRU enhances performance in extreme applications. Produced from our U2151 compound the seal offers extremely low compression set and excellent extrusion resistance. For increased pressure rating and extrusion resistance, see the following page.



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

See next page for a BRU with an M1001 Anti-Extrusion Ring.



MFP PART NUMBER
BRU-1250X1812X125U2151
SEAL TYPE ød1 ØD1 L1 SEAL COMPOUND

Pressure: 350 bar (5,000 psi)

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

BUFFER RINGS

MFP PART NUMBER	ROD APPLICATION		
	ød1	ØD1	L1
TOLERANCE	h9	H9	+.010/-0.000
BRU-1250X1812X125	1.250	1.812	0.125
BRU-1500X2062X125	1.500	2.062	0.125
BRU-1750X2312X125	1.750	2.312	0.125
BRU-2000X2562X125	2.000	2.562	0.125
BRU-4000X4640X220	4.000	4.640	0.220

Other sizes are available, but may require tooling and additional lead times.

A BRU with an M1001 Anti-Extrusion Ring is available.

Contact the MFP Seals' Engineering Department for more information.