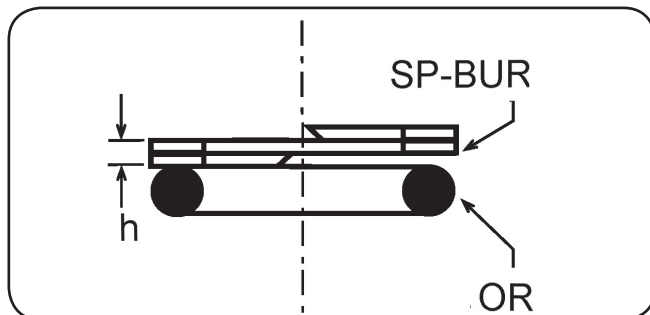


SPB-BUR SUPPORT RINGS



COMMON FEATURES

Support rings are used as additional elements of the O-rings. The purpose of these support rings is to prevent the O-ring from being pushed into the gap between the two metal parts to be sealed.

The support ring is mounted behind the O-ring, on the side opposite to the pressure, if it acts in one direction, and if it acts alternatively, two support rings, one on each side of the seal.

As a consequence of support rings' distinctive movement, working pressure causes deformation, closing the extrusion gap and thus avoiding premature damage to the O-ring. Thanks to the combination of O-Rings in standard material 70 NBR and support rings, working pressures in static applications of up to 400 bar and dynamic work pressures of up to 250 bar are possible with a maximum extrusion gap of 0.3 mm. By reducing tolerances, work at higher pressures is possible.

SPB-BUR

DESCRIPTION

Support rings for O-Rings

DYNAMIC SURFACE MATERIAL

PTFE

OPERATING CONDITIONS

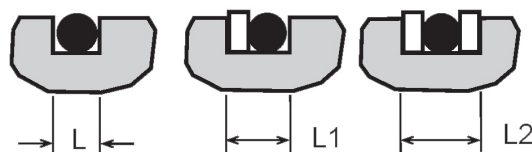
Temperature range: -100°C + 250°C.

MAIN FEATURES

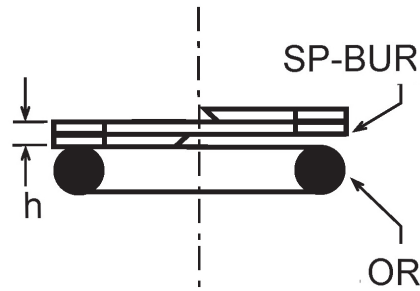
These rings feature a thin cross-sectioned double wall. SP-BURs are used when sudden temperature oscillations are expected.

- Radial Static DIN 3771/5

	THICKNESS	W	T
O-Ring	1.78	1.35	1.40
O-Ring	2.62	2.18	1.40
O-Ring	3.53	3.00	1.40
O-Ring	5.33	4.65	1.90
O-Ring	6.99	5.99	2.80



SPB-BUR



Reference	Size O - Ring
SPBUR 2-110	9.19 x 2.62
SPBUR 2-112	12.37 x 2.62
SPBUR 2-113	13.93 x 2.62
SPBUR 2-114	15.54 x 2.62
SPBUR 2-115	17.12 x 2.62
SPBUR 2-118	21.89 x 2.62
SPBUR 2-119	23.47 x 2.62
SPBUR 2-120	25.07 x 2.62
SPBUR 2-121	26.64 x 2.62
SPBUR 2-122	28.24 x 2.62
SPBUR 2-124	31.42 x 2.62
SPBUR 2-125	32.99 x 2.62
SPBUR 2-128	37.77 x 2.62
SPBUR 2-129	39.34 x 2.62
SPBUR 2-131	42.52 x 2.62
SPBUR 2-132	44.12 x 2.62
SPBUR 2-133	45.69 x 2.62
SPBUR 2-134	47.29 x 2.62
SPBUR 2-135	48.90 x 2.62
SPBUR 2-137	52.07 x 2.62
SPBUR 2-139	55.25 x 2.62
SPBUR 2-140	56.82 x 2.62
SPBUR 2-141	58.42 x 2.62
SPBUR 2-143	61.60 x 2.62
SPBUR 2-144	63.17 x 2.62
SPBUR 2-145	64.77 x 2.62
SPBUR 2-146	66.34 x 2.62
SPBUR 2-147	67.95 x 2.62
SPBUR 2-150	72.69 x 2.62
SPBUR 2-151	75.87 x 2.62
SPBUR 2-153	88.57 x 2.62
SPBUR 2-154	94.92 x 2.62
SPBUR 2-155	101.27 x 2.62

Reference	Size O - Ring
SPBUR 2-211	20.22 x 3.53
SPBUR 2-212	21.82 x 3.53
SPBUR 2-213	23.39 x 3.53
SPBUR 2-214	24.99 x 3.53
SPBUR 2-215	26.57 x 3.53
SPBUR 2-216	28.17 x 3.53
SPBUR 2-217	29.74 x 3.53
SPBUR 2-218	31.34 x 3.53
SPBUR 2-219	32.92 x 3.53
SPBUR 2-220	34.52 x 3.53
SPBUR 2-223	40.87 x 3.53
SPBUR 2-224	44.05 x 3.53
SPBUR 2-226	50.39 x 3.53
SPBUR 2-227	53.57 x 3.53
SPBUR 2-229	59.92 x 3.53
SPBUR 2-231	66.27 x 3.53
SPBUR 2-232	69.44 x 3.53
SPBUR 2-233	72.62 x 3.53
SPBUR 2-234	75.79 x 3.53
SPBUR 2-235	78.97 x 3.53
SPBUR 2-237	85.32 x 3.53
SPBUR 2-238	88.49 x 3.53
SPBUR 2-239	91.67 x 3.53
SPBUR 2-240	94.84 x 3.53
SPBUR 2-242	101.19 x 3.53
SPBUR 2-244	107.54 x 3.53
SPBUR 2-245	110.72 x 3.53
SPBUR 2-246	113.89 x 3.53
SPBUR 2-247	117.07 x 3.53
SPBUR 2-248	120.24 x 3.53
SPBUR 2-250	126.59 x 3.53
SPBUR 2-252	132.94 x 3.53
SPBUR 2-253	136.12 x 3.53

Reference	Size O - Ring
SPBUR 2-255	142.47 x 3.53
SPBUR 2-256	145.64 x 3.53
SPBUR 2-257	148.82 x 3.53
SPBUR 2-260	164.69 x 3.53
SPBUR 2-322	31.12 x 5.33
SPBUR 2-323	32.69 x 5.33
SPBUR 2-324	34.29 x 5.33
SPBUR 2-326	40.64 x 5.33
SPBUR 2-327	43.82 x 5.33
SPBUR 2-329	50.17 x 5.33
SPBUR 2-330	53.34 x 5.33
SPBUR 2-331	56.52 x 5.33
SPBUR 2-332	59.69 x 5.33
SPBUR 2-333	62.87 x 5.33
SPBUR 2-334	66.04 x 5.33
SPBUR 2-335	69.22 x 5.33
SPBUR 2-336	72.39 x 5.33
SPBUR 2-337	75.57 x 5.33
SPBUR 2-338	78.78 x 5.33
SPBUR 2-340	85.09 x 5.33
SPBUR 2-341	88.27 x 5.33
SPBUR 2-343	94.62 x 5.33
SPBUR 2-347	107.32 x 5.33
SPBUR 2-348	110.49 x 5.33
SPBUR 2-351	120.02 x 5.33
SPBUR 2-352	123.19 x 5.33
SPBUR 2-353	126.37 x 5.33
SPBUR 2-354	129.54 x 5.33
SPBUR 2-356	135.89 x 5.33
SPBUR 2-370	208.92 x 5.33
SPBUR 2-442	183.52 x 5.33