

PROINVAL PROFLEX® METALLIC EXPANSION JOINTS NP 16 FLANGED DIN NP 10 /16

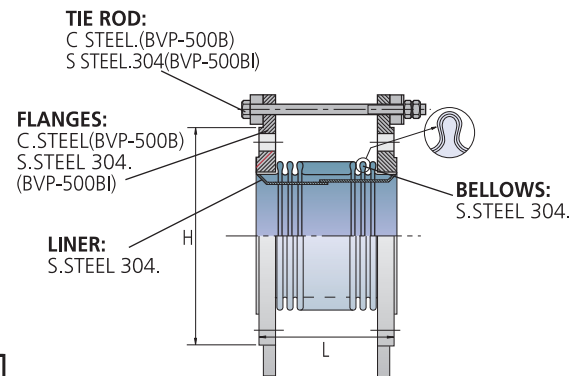
BVP-500B
BVP-500BI

Proinval Proflex® Metallic expansion joints BVP-500 are designed to absorb axial dilatation movements, vibrations and slight misalignments in fluid conduction pipelines at high temperatures.



BREAKING PRESSURE: 32 BAR.
WORKING PRESSURE: 16 BAR.
TEMPERATURE: -90°C to 400°C.

ND	L	H	AXIAL	Kgs.
50	150	165	+10 -20	6,5
65	150	184	+10 -20	8
80	150	200	+10 -20	8,8
100	150	220	+10 -20	9,8
125	150	250	+10 -20	14
150	150	290	+8 -25	17,5
200	200	340	+8 -30	23,5
250	200	405	+8 -35	33
300	200	460	+8 -35	38
350	230	515	+10 -40	80
400	230	565	+10 -40	95
450	230	620	+10 -40	124
500	230	725	+10 -40	146



TEMPERATURE / MAXIMUM RECOMENDED PRESSURE RATE

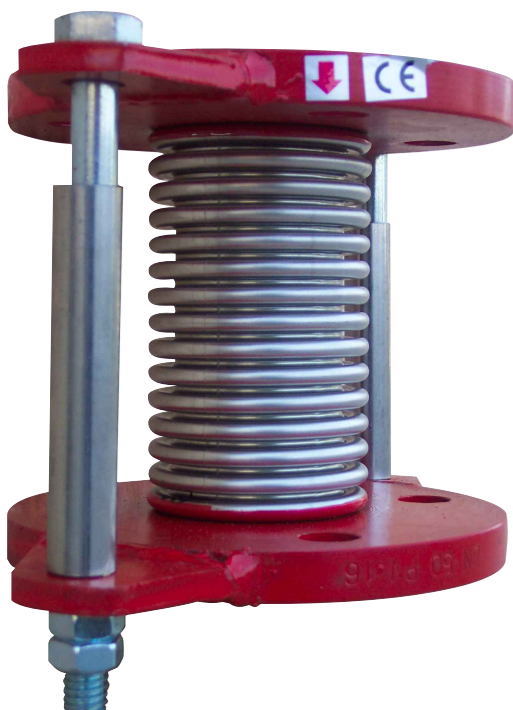
50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
16 BAR	14,6 BAR	12,3 BAR	11,3 BAR	10 BAR	9,5 BAR	8 BAR	6 BAR

GENERAL CHARACTERISTICS :

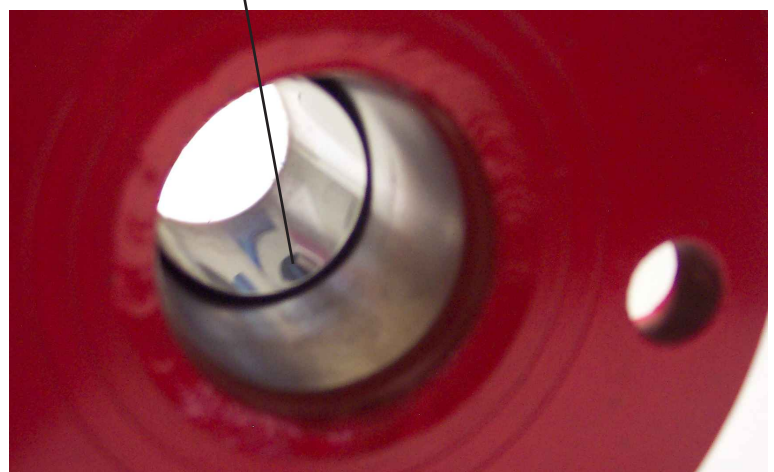
- Minimal load loss.
- Inner sleeve improves and prevents deformations of the bellows.
- Bellow with "OMEGA" type bends provides higher flexibility.
- Reduced installation and maintenance cost.
- Working temperature between -90°C and +400°C.

APPLICATION:

- Heating and air conditioning installations.
- Hot water and fire protection systems.
- Compressors input and output.
- Pipes with axial displacement due to changes in temperature or pressure.
- Cooling circuits of large engines.



DETAIL OF THE S.STEEL INNER SLEEVE



BVP-250

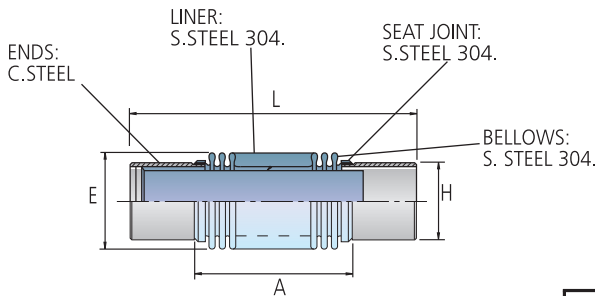
CE



PROINVAL PROFLEX® METALLIC EXPANSION JOINTS PN 10/16 WELDING ENDS

Proinval Proflex® Metallic expansion joints BVP-250 and BVP-300 are designed to absorb axial dilatation movements, vibrations and slight misalignments in fluid conduction pipelines at high temperatures.

BREAKING PRESSURE: 24 BAR.
WORKING PRESSURE: 10 BAR.
TEMPERATURE: -90°C to 400°C.



ND	L	E	A	H	AXIAL	Kgs.
25	250	38	120	34	+5 -25	1
32	350	48	180	42,7	+10 -30	1,3
40	350	58,5	180	48,6	+10 -30	1,4
50	350	73	180	60,5	+10 -35	1,6
65	350	90	180	76,3	+10 -35	2
80	350	104,5	180	88,9	+10 -40	2,3
100	350	131	180	114,3	+10 -40	4
125	350	161	180	139,7	+10 -40	5,3
150	350	192	180	168,3	+10 -40	6,5
200	350	252	180	219,1	+10 -40	8,2
250	350	313	180	273,1	+10 -40	10,5
300	350	362	180	323,9	+10 -40	15,5

TEMPERATURE / MAXIMUM RECOMENDED PRESSURE RATE

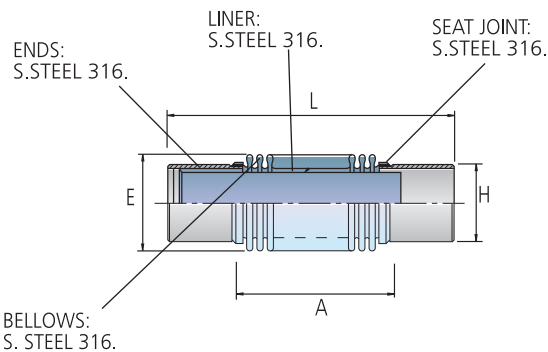
50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
10 BAR	9 BAR	8,5 BAR	7,5 BAR	7 BAR	6,3 BAR	5 BAR	4 BAR

BVP-300

CE



BREAKING PRESSURE: 32 BAR.
WORKING PRESSURE: 16 BAR.
TEMPERATURE: -90°C to 400°C.



ND	L	E	A	H	AXIAL	Kgs.
25	350	38,5	180	34	+5 -25	1
32	350	48	180	42,7	+10 -30	1,3
40	350	58	180	48,6	+10 -30	1,4
50	350	73	180	60,5	+10 -35	1,6
65	350	90	180	76,3	+10 -35	2
80	350	104,5	180	88,9	+10 -40	2,3
100	350	132	180	114,3	+10 -40	4
125	350	161	180	139,7	+10 -40	5,3
150	350	190	180	168,3	+10 -40	6,5
200	350	250	180	219,1	+10 -40	8,2
250	350	312	180	273,1	+10 -40	10,5
300	350	362	180	323,9	+10 -40	15,5

TEMPERATURE / MAXIMUM RECOMENDED PRESSURE RATE

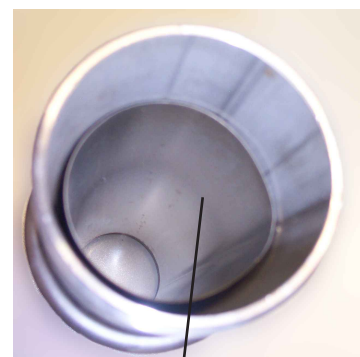
50°C	100°C	150°C	200°C	250°C	300°C	350°C	400°C
16 BAR	13 BAR	11 BAR	10 BAR	9 BAR	8 BAR	7 BAR	5 BAR

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DETAIL OF THE S.STEEL INNER SLEEVE

