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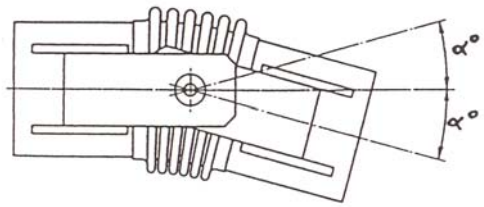
ANGULAR EXPANSION JOINTS PN 16 "N"

FEATURES AND PARTICULARS

Angular expansion joints “N” PN 16, are built with multiply corrugate bellow in stainless steel 304, connected with welding ends in painted carbon steel (NM), but also we can weld flanges (NF) with any dime dimensions (UNI PN 10, 16, ANSI 150 ecc.). Other structure of these angular joints is made from coaxial pivot with carbon steel plate, to agree the angular movements, positioned to half of bellow.
About this structure, these joints, can to eliminate the axial force caused from internal pressure (pressure bearing).
These joints if installed in “L” or “Z” configurations (see our catalogue METALLIC EXPANSION JOINTS), are the best solution to absorbe very big axial movements, because only changing the length of intermediate pipe (distance of 2 coaxial pivot), is possible to obtain very large movements. These joints are also an economic solution, because the total number of joint buyed, will be lower to axial expansion joint needed to compensate the same dilatation.
For other utsage don’t hesitate to contact us and required our catalogue METALLIC EXPANSION JOINTS, where you can see all technical details referred to installation, pressure/temperature corrective factors and other details.



DIMENSIONS AND TECHNICAL FEATURES

DN	Length of “NM” type with weld ends	Length of “NF” type with flanges PN 16	Angular movements	Total angular movements	PN to 21°C (*)
mm	mm	mm	mm	mm	bar
40	250	320	± 12°	24°	16
50	260	334	± 10°	20°	16
65	270	340	± 11°	22°	16
80	270	350	± 11°	22°	16
100	330	410	± 10°	20°	16
125	370	456	± 10°	20°	16
150	390	476	± 8°	16°	16
200	415	507	± 7°	14°	16
250	460	568	± 7°	14°	16
300	500	624	± 6°	12°	16

(*): For others working temperatures, see the PRESSURE AND MOVEMENT CORRECTIVE FACTORS FOR STAINLESS STEEL table, that you can see in our catalogue METALLIC EXPANSION JOINTS.