

BG / BI Type Ball Joint

With the grand packing type, it is easy to install, and has a strong and simple internal structure. It absorbs omni-directional displacements and is applied for thermal expansion, contraction, and ground subsidence. The injection packing type absorbs omni-directional displacements and allows maintenance during operation.

Features

- Grand & injection type packing ball joint.
- Absorbs omni-directional displacements & cover extremely high-temperature fluid.
- Absorb pipeline's expansion or contraction from thermal expansion outcome.
- Protect pipelines, buildings, facilities, etc. from ground damage.
- Absorb pipeline displacements which result from ground subsidence or transformation of large storage tanks.
- Absorb vibration, distortions, etc. generated from pumps & turbines.
- Maintenance is available even during operation with full of fluid in the pipeline.

Specifications

Type	BG series	BI series
Applicable fluid	Sat, Steam, Superheat Steam, Oil, Water, Gas	
Maximum running pressure	1,0, 2,0, 3,0MPa	
Maximum applicable temperature	250°C	250°C (Special orders are available for 250°C)
Maximum displacement angle	15~30°	
Materials	Body	CAC304, STS, SPPS, SCPH2, GCD
	Ball	STS, SC480
	PACKING	Teflon+Grafoil (SG N0,100) Grafoil (SI N0,700)

► Clients can choose materials when placing an order.

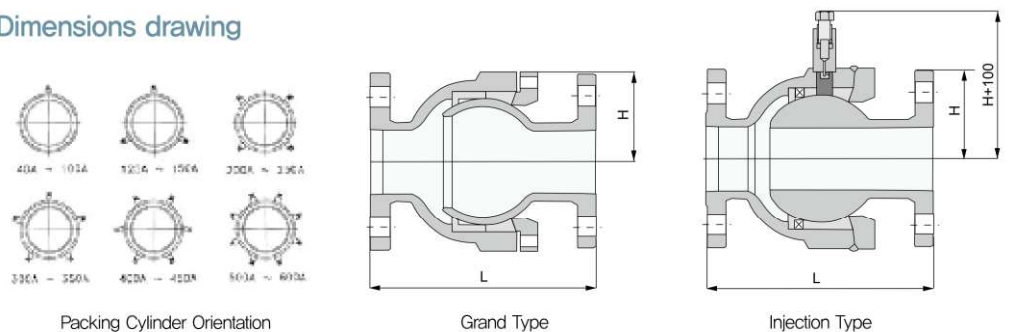
Dimensions

(mm)

Size	L	H
32(1¼")	175	67,5
40(1½")	175	70
50(2")	190	77,5
64(2½")	190	87,5
80(3")	235	92,5
100(4")	250	105
125(5")	305	125
150(6")	355	140
200(8")	390	165
250(10")	420	200
300(12")	445	222,5
350(14")	505	245
400(16")	575	280
450(18")	615	620,0
500(20")	645	337,5
550(22")	685	372,5
600(24")	685	397,5

► Other pipe diameters are available by made-to-orders.

Dimensions drawing



Packing Cylinder Orientation

Grand Type

Injection Type



Grand Type



Injection Type