

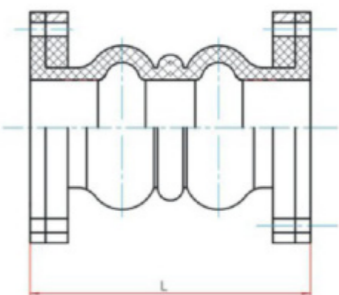


KDF High-Pressure Double Sphere Rubber Expansion Joint

Model KDF | High-pressure double-sphere configuration | Standard stock + fast custom production



KDF double-sphere configuration



Dimensional drawing reference

Structure	High-pressure double-sphere rubber body with flanged ends
Catalog Size Range	DN500-DN1200 reference series; other sizes and dimensions to approved project requirements
Face-to-Face L	330-600 mm catalog values; multiple standard lengths are listed for selected nominal sizes
Rubber Options	NR / EPDM / CR / IIR / NBR / FKM (Viton) / project-specific compounds
Flange Standards	GB / HG / DIN / EN / ANSI / ASME / JIS / BS; drilling to specified standard or approved drawing
Movement	Axial extension / axial compression / lateral / angular
Pressure	High-pressure KDF configuration; final allowable pressure is confirmed by DN, flange, rubber, temperature and service condition
Production	Common configurations in stock + fast custom production

Stock & Custom Production

- Common sizes and standard configurations are kept in stock for immediate shipment.
- Custom production can start the same day after drawing and specification confirmation.
- DN, face-to-face length, rubber compound, flange standard, flange material and movement can be made to approved project requirements.



Catalog Dimensions & Movement Reference

KDF high-pressure double-sphere catalog data. Final configuration is confirmed against the approved drawing.

Main Connection Dimensions

L and movement in mm | Angular deflection in degrees

DN	Inch	L	Axial Extension	Axial Compression	Lateral Movement	Angular Deflection
500	20	400	35	50	35	20
600	24	400	35	50	35	20
650	26	330/400	35	50	35	20
700	28	400	35	50	35	20
750	30	400	35	50	35	20
800	32	400	35	50	30	20
900	36	400/450/500/600	35	60	30	20
1000	40	450/500	35	60	30	20
1200	48	450/500	35	60	30	20

Selection Note

The table above is the Mingchao catalog reference series for this KDF double-sphere configuration. Non-catalog sizes, alternative face-to-face lengths and project-specific movement requirements can be manufactured after drawing and specification confirmation. Maximum movements should not be assumed to occur simultaneously.

Available Project Configuration

Rubber	NR / EPDM / CR / IIR / NBR / FKM (Viton) / other approved compounds
Flanges	GB / HG / DIN / EN / ANSI / ASME / JIS / BS; customer drilling or approved drawing
Length & Movement	Catalog reference or custom to the required installation envelope and movement
Large-Diameter Installation	For suspended water-supply piping above DN200, pipe support/fixation or pull-off protection should be reviewed
Supply	Stock items for immediate shipment; fast custom production after drawing confirmation

For Quotation

Please provide DN/NPS, flange standard/class, medium, working/design pressure, operating temperature, face-to-face length, movement requirement, quantity and drawing if available.

For detailed technical requirements, custom configurations or project questions, please contact us.