

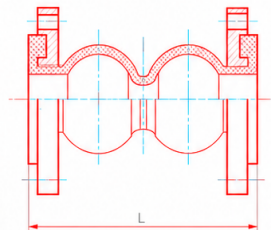


KST Double Sphere Rubber Expansion Joint

Higher-movement double-sphere configuration | Standard stock + fast custom production



KST double-sphere rubber expansion joint



Double-sphere construction & face-to-face length reference

Key Supply & Configuration Data

Structure	Double-sphere rubber body with flanged ends
Size	DN40-DN600 reference range; custom sizes to project requirements
Face-to-Face L	165-400 mm reference range; custom length to approved drawing
Rubber	NR / EPDM / CR / IIR / NBR / FKM
Flange Standards	GB / DIN / EN / ANSI / ASME / JIS / BS
Movement	Axial compression / axial extension / lateral / angular
Pressure	Selected to project requirement, DN, material and service conditions
Production	Common sizes in stock + fast custom production to approved drawing

Stock & Custom Production

- Common sizes and 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 requirements can be made to project requirements.



Standard Size & Movement Reference

Reference values for KST double-sphere selection. Final configuration is confirmed for the actual project conditions.

Reference Performance

Nominal Size	DN40-DN600
Face-to-Face L	165-400 mm, depending on size and configuration
Axial Compression	50-60 mm
Axial Extension	30-35 mm
Lateral Displacement	35-45 mm
Angular Deflection	30-40 deg
Connection	Flanged; drilling and flange material to project requirement

Movement values are reference ranges for this product family and should not be assumed to occur simultaneously. Final allowable movement is confirmed for the selected DN, rubber compound, pressure and installation conditions.

Common Nominal Sizes

DN / nominal inch reference

DN	Inch	DN	Inch
40	1.5	250	10
50	2	300	12
65	2.5	350	14
80	3	400	16
100	4	450	18
125	5	500	20
150	6	600	24
200	8		

Project Configuration

Rubber Options	NR / EPDM / CR / IIR / NBR / FKM
Flange Standards	GB / DIN / EN / ANSI / ASME / JIS / BS
Flange Material	Carbon steel / stainless steel / project-specific
Length & Geometry	Standard reference or custom to approved drawing
Supply	Stock items for immediate shipment; custom production scheduled after drawing confirmation

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