Series RGS/RGF

Stainless Steel Thread / Flange Metal Hose

Size: RGS DN20~DN50
RGF DN40~DN600

Series RGS/RGF is able to compensate displacement and installation deviation, absorb vibration and reduce noise. It could be applied in facilities, petroleum, chemical industry, electric power, medicine, and food manufactory, etc.

Features

- Good flexibility and fatigue resistance
- Excellent temperature resistance and corrosion resistance

Pressure - Temperature

- Maximum Working Pressure: PN16
- Working Temperature: -20℃ ~180℃

Material

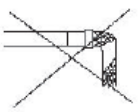
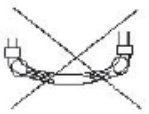
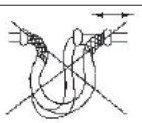
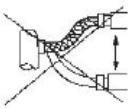
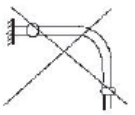
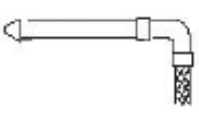
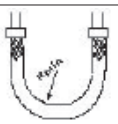
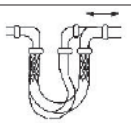
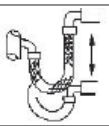
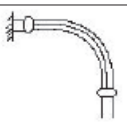
Component	Material
BSPT Connection	Stainless Steel 304
Flange	Carbon Steel / Stainless Steel(optional)
Bellows Body	Stainless Steel 304
Net Cover	Stainless Steel 304

Specification

- Connection Standard: RGS: Male thread BSPT ISO 7-1
  RGF: GB Flange GB/T 9113
- Working Medium: Water,oil,gas

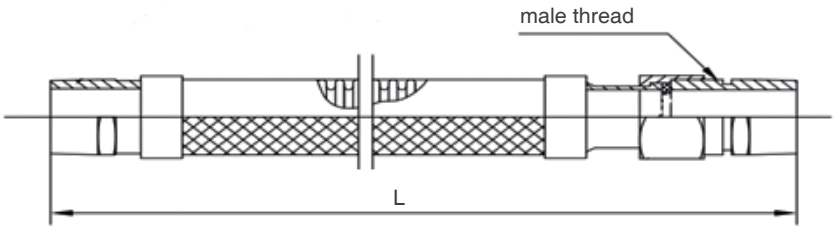
Installation Instructions

- Compare the rated parameters required by the equipment with the rated parameters marked on the product to ensure that the product meets the required requirements;
- The installation personnel shall be trained and experienced to ensure the smooth completion of the complete installation;
- After installation, it is necessary to conduct a thorough inspection to ensure that the installation is correct;
- Use standard flanges and corresponding bolts for fixation;

Example	1	2	3	4	5
Wrong					
	Extremely curved shape of the joint	The hose length is not appropriate, and the root is bent at right angles	Both ends of the moving part are in extreme bending	Staggered bending and extreme distortion behind the joint	The hose between two parts is twisted by installing the threaded joint or relative movement
Correct					
	Use rigid elbow joints to keep the hose straight	Determine the correct length of hose according to the bending radius	Use two rigid bends to eliminate extreme bending and select the correct hose length	Two rigid bends are used to eliminate staggered bending and twisting	When assembling the hose, it shall be prevented from twisting, The hose shall be in a free state after tightening

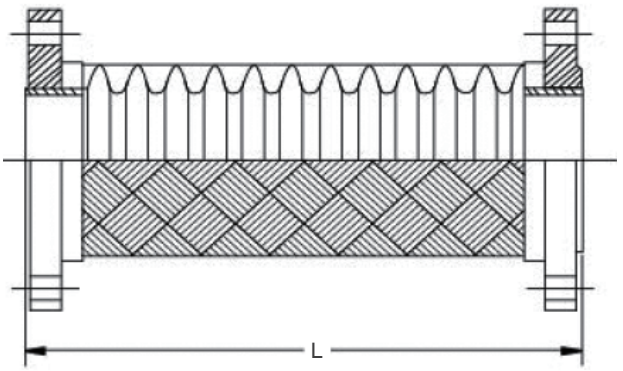
Installation Dimensions

RGS



Size DN(mm)	L(mm)	Deflection Angle (°)	Allowable Displacement (mm)	
			compress	stretching
20	300	45	15	10
25	300	45	15	10
32	300	45	15	10
40	300	45	15	10
50	300	30	20	10

RGF



Size DN(mm)	L(mm)	Deflection Angle (°)	Allowable Displacement (mm)	
			compress	stretching
40	300	40	15	10
50	300	30	20	10
65	300	20	20	10
80	300	15	20	10
100	300	15	20	10
125	300	15	20	10
150	300	10	20	10
200	300	10	20	10
250	300	5	20	10
300	300	5	20	10
350	300	5	20	10
400	500	10	30	15
450	500	10	30	15
500	500	10	30	15
600	500	10	30	15