



# DOUBLE SPHERE RUBBER FLEXIBLE JOINT

Model: KVS - 500 G



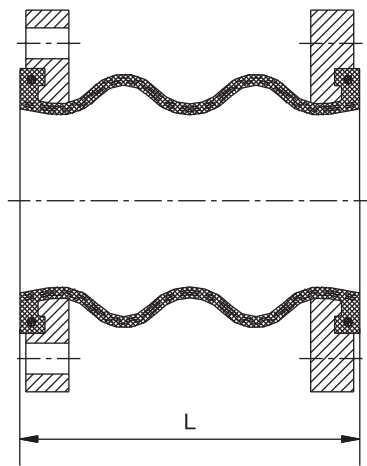
## SPECIFICATION

- Pressure Rating: 16 Bar (32mm~300mm), 8 Bar (350mm~600mm)
- Burst Pressure: 48 Bar (32mm~300mm), 30 Bar (350mm~600mm)
- Working temperature: -10 to 100°C
- Four way greater movements provide high level of installation flexibility
- Precision molded of synthetic rubber reinforced with nylon type cord
- Excellent ability to absorb vibration and sound, withstands high pressure
- Flanges end to BS 4504 / BS EN1092-2
- Other flange standards available upon request
- Other body material (NBR, Viton...etc) available upon request
- Bigger size are available upon request

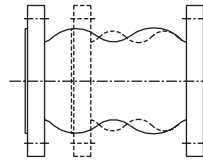


# DOUBLE SPHERE RUBBER FLEXIBLE JOINT

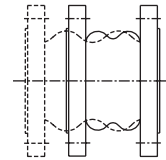
Model: KVS - 500 G



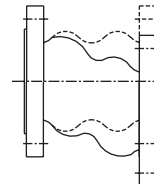
Permits More Movement



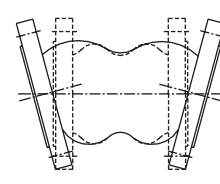
Axial Elongation



Axial Compression



Lateral Movement



Angular Movement

## MATERIALS

Part Name	Material
Body	EPDM
Reinforce	Nylon Cord Fabric
Reinforcing Wire	Spring Steel Wire
Flange	Mild Steel Zinc Plated

## DIMENSIONS (mm)

Size		L	Axial Compression	Axial Elongation	Lateral movement	Angular Movement
Inches	mm					
1½"	40	175	30	20	45°	30°
2"	50	175	30	20	45°	30°
2½"	65	175	50	26	45°	30°
3"	80	175	50	25	45°	30°
4"	100	225	50	35	35°	30°
5"	125	225	50	35	35°	30°
6"	150	225	50	35	35°	30°
8"	200	325	50	35	30°	30°
10"	250	325	50	35	30°	30°
12"	300	325	50	35	30°	20°
14"	350	345	40	25	28°	10°
16"	400	345	40	25	28°	10°
18"	450	345	40	25	28°	10°
20"	500	345	40	25	28°	10°
24"	600	345	40	25	28°	10°

## TEMPERATURE & PRESSURE RATING

Temperature	Ambient	40°C	50°C	60°C	70°C	80°C
Operating pressure	16 bar	14 bar	12 bar	10 bar	8 bar	6 bar
	8 bar	7 bar	6 bar	5 bar	4 bar	3 bar