



SINGLE SPHERE RUBBER FLEXIBLE JOINT

Model: KVS - 500 F



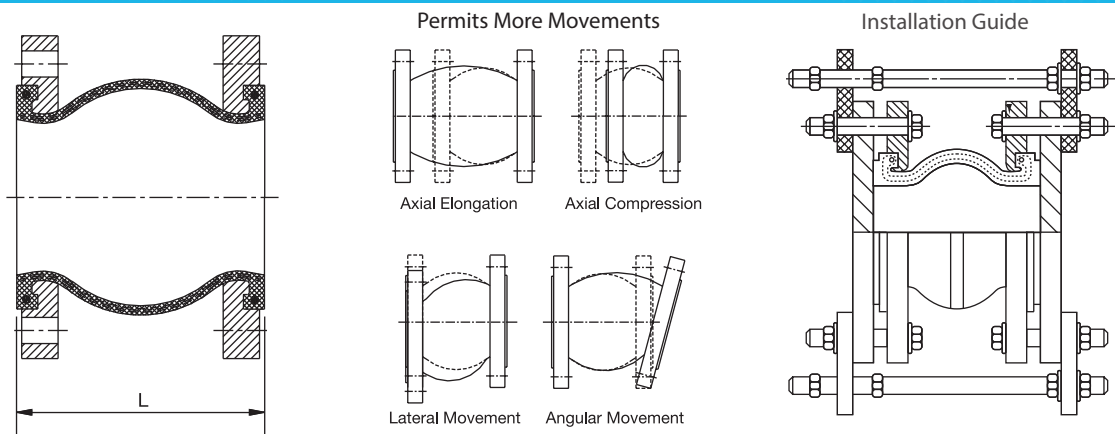
SPECIFICATION

- Pressure Rating: 16 Bar (40mm~300mm), 8 Bar (350mm~600mm)
- Burst Pressure: 48 Bar (40mm~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



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MATERIALS

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

DIMENSIONS (mm)

Size		L	Axial Compression	Axial Elongation	Lateral movement	Angular Movement
mm	inches					
40	1½"	95	10	6	9	15°
50	2"	105	10	7	10	15°
65	2½"	115	13	8	12	15°
80	3"	130	15	8	12	15°
100	4"	135	19	12	15	15°
125	5"	170	19	12	15	15°
150	6"	180	20	12	15	10°
200	8"	205	20	12	22	10°
250	10"	240	20	16	22	10°
300	12"	260	20	16	25	10°
350	14"	265	20	16	25	10°
400	16"	265	20	16	25	10°
450	18"	200	20	16	25	10°
500	20"	200	20	16	25	10°
600	24"	250	20	16	25	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