

GS2

Features

GS2 spiral series stainless steel wire rope vibration isolators, whose wire ropes, fixing plates and fixing screws are all made of stainless steel.

Full range of specifications and models, load range of 4.5~4000N, sufficient selection range for ship electric control boxes, electronic instruments and power auxiliary equipment.

Oil-resistant, seawater-resistant, salt spray-resistant, sunlight-resistant and high and low temperature-resistant (-70°C~260°C), meeting the requirements of ship environmental conditions and ship equipment impact tests.

Suitable for various installation methods such as side hanging, horizontal placement, 45° tilting and hanging.

Suitable for vibration isolation and impact resistance of electric control equipment and electronic instruments in ships, aerospace, aviation and vehicles, and can also be used for vibration isolation and impact resistance of power equipment.



Technical Data

Type	Model No.	Side Mount				Horizontal				45° Tilt				Suspension			
		Rated Load (kg)	Natural Frequency (Hz)	Damping Ratio (C/Cc)	Isolation (%)	Rated Load (kg)	Natural Frequency (Hz)	Damping Ratio (C/Cc)	Isolation (%)	Rated Load (kg)	Natural Frequency (Hz)	Damping Ratio (C/Cc)	Isolation (%)	Rated Load (kg)	Natural Frequency (Hz)	Damping Ratio (C/Cc)	Isolation (%)
GS2	0.45C	0.45	10±2			0.8	10±3			0.675	10±2			0.65	15±2		
	0.6C	0.6	10±2			1.2	10±3			0.7	10±2			1.0	15±2		
	1.2C	1.2	10±2			2	10±3			1.46	10±2			2.0	15±2		
	2C	2.0	7±1			3	8±1.5			2.75	8±1.5			3.0	10±2		
	3C	3.0	7±1			4	8±1.5			3.0	8±1.5			4.0	10±2		
	6C	6.0	7±1			15	8±1.5			8.0	8±1.5	>0.12	>90	10	10±2	>0.08	>85
	10C	10	7±1			20	8±1.5			10	8±1.5			16	10±2		
	12C	12	7±1			25	8±1.5			12	8±1.5			20	10±2		
	15C	15	7±1	>0.12	>80	31	8±1.5	>0.12	>80	15	8±1.5			25	10±2		
	25C	25	7±1			50	8±1.5			25	8±1.5			45	10±2		
	40C	40	7±1			80	8±1.5							75	10±2		
	60C	60	7±1			100	8±1.5										
	150Z	80	5±1			150	6±1										
	200Z	100	5±1			200	6±1										
	250Z	130	5±1			250	6±1										
	300Z	160	5±1			300	6±1										
400Z	210	5±1			400	6±1											

Installation Dimensions (mm)

Type	Model No.	L	A	H	B	D	t	B1	A1	A2
GS2	0.45C	112	100	47	53	M5	6.4	13		
	0.6C	112	100	47	53	M5	6.4	13		
	1.2C	112	100	45	51	M5	6.4	13		
	2C	128	114	52	61	M6	8	14		
	3C	128	114	52	61	M6	8	14		
	6C	128	114	57	80	M6	10	15		
	10C	128	114	57	80	M6	10	15		
	12C	128	114	55	74	M6	10	15		
	15C	128	114	55	74	M6	10	15		
	25C	146	131	63	90	M6	13.5	16		
	40C	184	160	89	108	M8	16	25	40	120
	60C	184	160	74	90	M8	16	25	40	120
	150Z	220	161	137	156	M8	20	26	46	115
	200Z	220	161	124	143	M8	20	26	46	115
	250Z	220	161	104	120	M8	20	26	46	115
	300Z	270	196	146	185	M10	26	26	56	140
400Z	324	247	156	172	M10	26	26	82	165	

