

Antivibration Gel Stainless Steel Studs

Both Ends Threaded Studs / Threaded Stud, Plate Mount / Antivibration Gel Bushings / Sheets / Rubber Covered Type

■ Silicone vibration absorber with longer fatigue life than rubber products. Suitable for light load and micro-vibration.

Both Ends Threaded Studs

RoHS 10

Ultra-Light Type

BGELA (Standard Type)
SBGELA (Lower Thread Short Type)
WBGELA (Short Type)
TBGELA (Upper Thread Short Type)

Lightweight Type

BGELM (Standard Type)
SBGELM (Lower Thread Short Type)
WBGELM (Short Type)

Medium Load Type

BGELH (Standard Type)
SBGELH (Lower Thread Short Type)
WBGELH (Short Type)
TBGELH (Upper Thread Short Type)

Threaded Stud Dimension

Standard Type

Lower Thread Short Type

Short Type

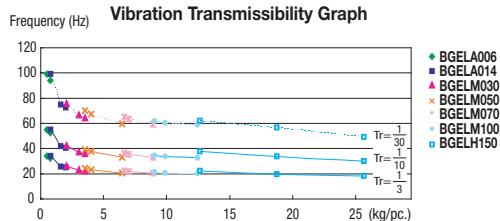
Upper Thread Short Type

* Slots are added to prevent rotation when tightening. Hold it with a flathead screwdriver, etc.
 ⚠ Slot is not available for Ultra-Light Type.

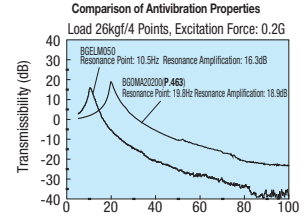
Material
 Main Body: Silicone
 Attaching Portion: SUS304 Equivalent

Accessory:
 Hex Nut: SUS304 Equivalent
 Spring Washer 2 pcs. each: SUS304 Equivalent

Type	Part Number Type		No.	D1	D2	H1	H2	l	l1	M (Coarse Thread)
Ultra-Light	BGELA	WBGELA	006	18	12	13	9	15	10	4
	SBGELA	TBGELA	014	25	20	18	14	20	14	6
			030							6
			050							6
Lightweight	BGELM	WBGELM	070	30	24	22	18	18	14	6
	SBGELM		071*							8
			100							6
			101*							8
			151*							6
Medium Load	BGELH	WBGELH	150	35	28	25	21	17	12	6
	SBGELH	TBGELH	151*							8



Type	Part Number Type		No.	Working Load N (kgf)	Spring Constant N/mm (kgf/mm) ± 20%	Hardness Asker C Penetration	Frequency Used Hz	Body Color	Unit Price
Ultra-Light	BGELA	WBGELA	006	4.9-7.84 (0.5-0.8)	6.17 (0.63)	-	64.7	23~	① Milky White
	SBGELA	TBGELA	014	7.84-19.6 (0.8-2.0)	9.31 (0.95)	-	60.7	20~	② Milky White
			030	19.6-34.3 (2.0-3.5)	13.13 (1.34)	19.7	32.0	17~	③ Milky White
Lightweight			050	34.3-53.9 (3.5-5.5)	21.75 (2.22)	29.8	-	16~	④ Light Green
	BGELM	WBGELM	070	53.9-83.4 (5.5-8.5)	33.71 (3.44)	38.0	-	16~	⑤ Light Orange
	SBGELM		071*						
			100	83.4-122.5 (8.5-12.5)	46.74 (4.77)	44.3	-	16~	⑥ Light Blue
			101*						
Medium Load	BGELH	WBGELH	150	122.5-245.1 (12.5-25.0)	56.2 (5.74)	52.5	-	14~	⑦ Milky White
	SBGELH	TBGELH	151*						



⚠ Hardness: Listed values are not guaranteed values but an example of measured values. ⚠ Penetration: JIS K2207, Asker C: JIS S6050 See P.391 kgf=Nx0.101972
 ⚠ * Nominal 071, 101, 151 are applicable to BGELM and BGELH only.

■ Silicone vibration absorber with longer fatigue life than rubber products. Suitable for light load and micro-vibration.

Threaded Stud, Plate Mount

RoHS 10

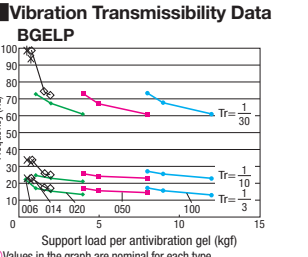
BGELP

* Slots are added to prevent rotation when tightening. Hold it with a flathead screwdriver, etc.
 ⚠ Slot is not available for 006 and 014.

Material
 Main Body: Silicone
 Attaching Portion: SUS304 Equivalent

Accessory:
 Hex Nut: SUS304 Equivalent
 Spring Washer 1 pc. each: SUS304 Equivalent

Part Number Type	No.	D1	D2	H1	H2	t	l	M (Coarse Thread)	W1xW2	h	P
BGELP	006	12	18	12	11	2	15	4	40x24	Ø4	30
	014	20	25	17	16	2	20	6	52x32	Ø6	40
	020										
	050	24	30	22	21	2	18	6	60x36	4.2x6 Slotted Hole	46
	100										
Part Number Type	No.	Working Load N (kgf)		Spring Constant N/mm (kgf/mm) ± 20%		Hardness Asker C Penetration		Frequency Used Hz	Body Color		Unit Price
BGELP	006	0.49-7.84 (0.50-0.80)		6.17 (0.63)		-		64.7	23~	① Milky White	
	014	7.84-19.6 (0.80-2.00)		9.31 (0.95)		-		60.7	20~	② Milky White	
	020	12.25-31.85 (1.25-3.25)		10.68 (1.09)		-		44.0	22~	③ Light Green	
	050	31.85-73.50 (3.25-7.50)		20.67 (2.11)		25.3		-	19~	④ Light Orange	
	100	73.50-122.50 (7.50-12.50)		40.18 (4.10)		44.5		-	17~	⑤ Light Blue	



⚠ Hardness: Listed values are not guaranteed values but an example of measured values. ⚠ Penetration: JIS K2207, Asker C: JIS S6050 See P.391 kgf=Nx0.101972
 ⚠ The above values are not guaranteed values but a calculated ones.