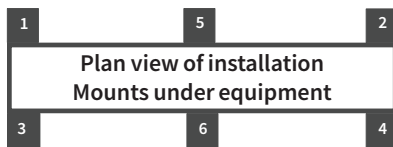


SPECIFICATIONS - 2" DEFLECTION RESTRAINED SPRING

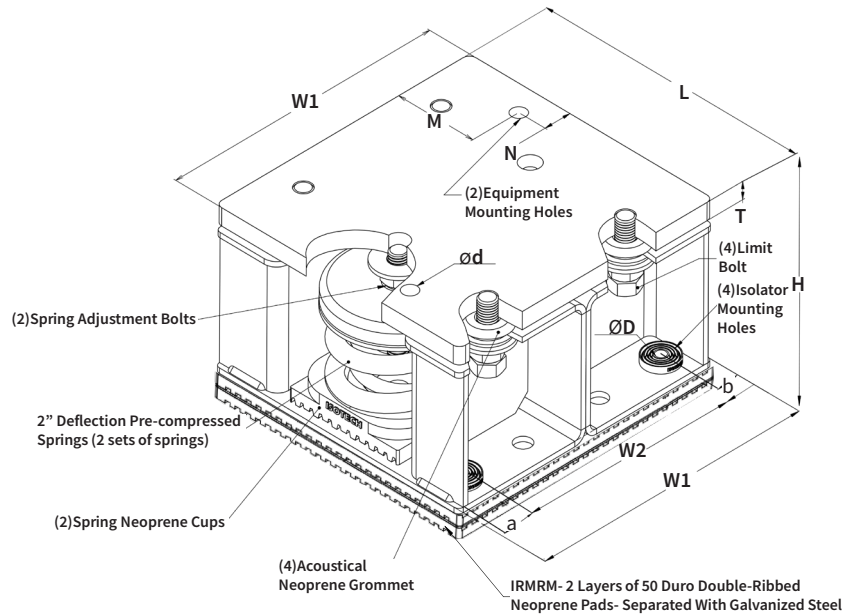
Model	Rated Load		Rated Deflection		Spring Color		Approx. WT.	
	lb.	KN	in	mm	outer	inner	lb.	Kg
ICSN-2R2-5000	5000	22.241	2.0	50.8	ORANGE	---	53.20	24.14
ICSN-2R2-5600	5600	24.91	2.0	50.8	ORANGE	YELLOW	54.80	24.86
ICSN-2R2-6000	6000	26.69	2.0	50.8	BLACK	---	54.00	24.5
ICSN-2R2-6600	6600	29.359	2.0	50.8	BLACK	YELLOW	55.60	25.22
ICSN-2R2-7000	7000	31.138	2.0	50.8	BLACK	WHITE	55.60	25.22
ICSN-2R2-7600	7600	33.807	2.0	50.8	BLACK	RED	56.40	25.59
ICSN-2R2-8000	8000	35.586	2.0	50.8	BLACK	BLUE	56.80	25.77
ICSN-2R2-9000	9000	40.034	2.0	50.8	BLACK	BROWN	75.40	34.21

Model											
ICSN-2R2-5000 - 9000											
L		W1		H		T		W2		øD	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
9 7/8	251	10 1/4	260	7 1/2	190	5/8	16	8 1/16	205	1 1/16	17
ød		M		N		a		b		SPRING BOLT ADJUSTMENT	
in	mm	in	mm	in	mm	in	mm	in	mm		
3/16	15	3.0	77	1.0	26	1.1	28	1.1	28	5/8	16


ISOLATOR'S LOCATIONS	
1:	4:
2:	5:
3:	6:



* Load Capacity Envelope: Concrete loads are based on 4000 psi reinforced concrete with minimum 6" edge distance and can be considered for non-seismic applications only.



- Notes:**
- ICSN-2R2-5000-9000 Isolators are all Pre-Compressed to allow the lowest overall installation height and to offer significant labor saving during installation
 - All springs have additional travel to solid equal to 50% of the Rated Deflection with minimum Kx/Ky ratio of 1.0 - All Elements are safe at solid load
 - Spring(s) are powder - coated to provide maximum corrosion resistance , and are color-coded for easy identification at site - see table above
 - Hot-Dip Galvanized finish for Housing to offer maximum corrosion resistance for isolator - Hardware and Spring Compression Cup are zinc -electroplated
 - ICSA-2R2-5000-9000 isolators are designed to allow replacement of Neoprene grommet without disturbing equipment. Neoprene grommet are installed to prevent metal to metal contact

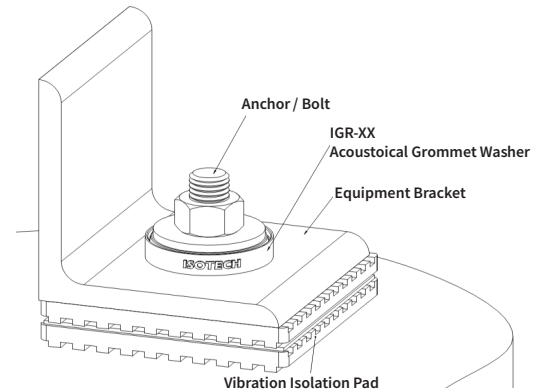
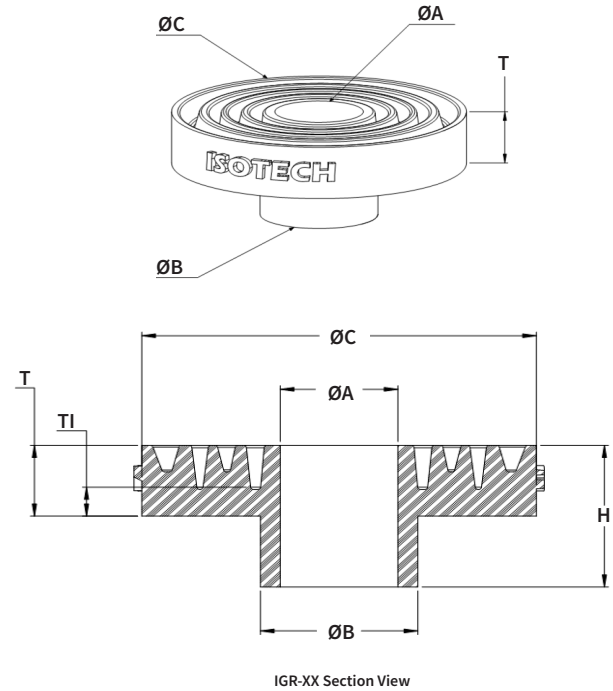
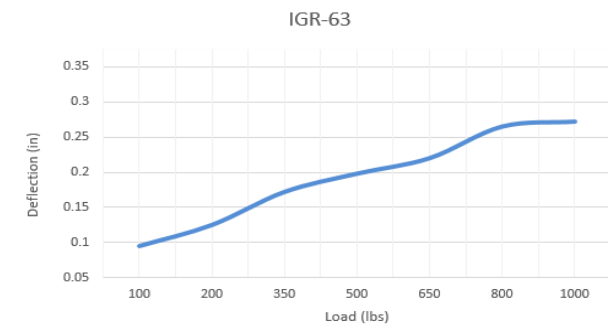
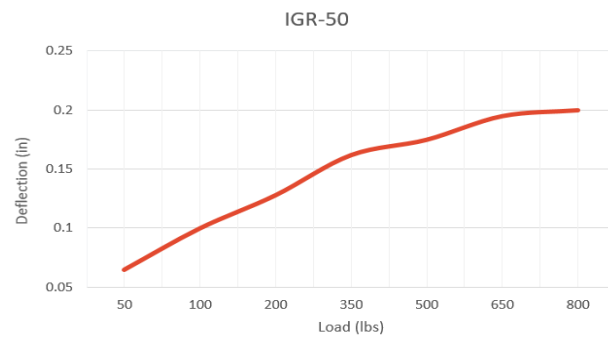
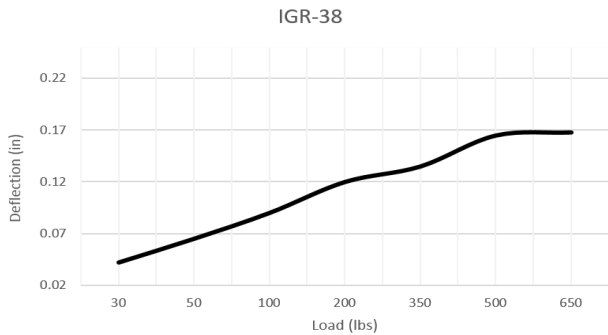
PROJECT INFORMATION		EQUIPMENT INFORMATION		Canada location	USA Location	
Customer:		Type:		35 Siltan Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001 www.isotechindustries.com	7700 Irvine Centre Drive Suite 800 Irvine, CA, 92618 U.S.A T: 949-788-2930	
Project:		Qty Required:				
Drawing No:		Operating Weight:				
Notes:						

SPECIFICATIONS - ACOUSTICAL GROMMET WASHER MODEL IGR-XX													
Model	øA		øB		øC		H		T		T1		
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	
IGR-38	3/8	10	1/2	13	1 1/2	32	1/2	9.3	1/2	7	1/8	4	
IGR-50	1/2	13	3/4	20	1 5/8	42	5/8	9.35	5/16	8	3/16	5	
IGR-63	5/8	16	7/8	23	2	51	3/8	9.44	3/8	10	3/16	5	

Notes:

- Application of grooves and thicker material offers significant improvements on isolation efficiency of the system
- IGR Acoustical Grommet is available on 50 & 60 Duro Neoprene Material
- IGR Acoustical Grommet neoprene material is per ASTM D2000 Standards
- For Seismic applications, engineering details must be provided for proper anchor type and installations
- Anchor or Bolt Size to match øA dimension

DEFLECTION-LOAD GRAPH FOR IGR-XX (Material 60 Duro Neoprene)



SPECIFICATIONS - DOUBLE LAYER DOUBLE-RIBBED NEOPRENE VIBRATION ISOLATION PAD (50 DURO NEOPRENE)

IRMR-X-X DOUBLE LAYER NEOPRENE PAD (DOUBLE-RIBBED)	X		LOAD RANGE		OPTIMUM LOAD		APPROX WT.	
	in	mm	lb.	KN	lb.	KN	in	mm
	2.0	50.8	90 - 250	0.401 - 1.113	180.0	0.80	0.17	0.08
3.0	76.2	220 - 550	0.979 - 2.447	410.0	1.82	0.34	0.16	
4.0	101.6	385 - 970	1.713 - 4.315	720.0	3.20	0.61	0.28	
6.0	152.4	850 - 2200	3.781 - 9.878	1650.0	7.34	1.42	0.65	
9.0	228.6	2050 - 4900	9.119 - 21.797	3650.0	16.24	3.05	1.39	
12.0	304.8	3550 - 8720	15.792 - 38.789	6500.0	28.91	5.44	2.47	
18.0	457.2	8060 - 19550	35.853 - 86.963	14690.0	64.94	12.70	5.77	
T		DEFLECTION RANGE				OPTIMUM DEFLECTION		
in	mm	in		mm		in	mm	
13/16	20.6	0.10 TO 0.20		2.8 TO 5.1		0.16	4.00	

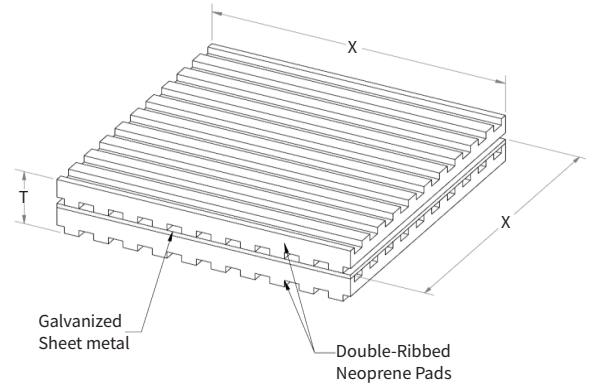


IMAGE: DOUBLE LAYER NEOPRENE PAD (DOUBLE-RIBBED)

SPECIFICATIONS - ACOUSTICAL GROMMET WASHER MODEL IGR-XX

IRMR-X-X DOUBLE LAYER NEOPRENE PAD C/W GALVANIZED SHEET METAL (LOAD DISTRIBUTION PLATE)	X		LOAD RANGE		OPTIMUM LOAD		APPROX WT.	
	in	mm	lb.	KN	lb.	KN	in	mm
	2.0	50.8	90 - 250	0.401 - 1.113	180.0	0.80	0.24	0.11
3.0	76.2	220 - 550	0.979 - 2.447	410.0	1.82	0.50	0.23	
4.0	101.6	385 - 970	1.713 - 4.315	720.0	3.20	0.90	0.41	
6.0	152.4	850 - 2200	3.781 - 9.878	1650.0	7.34	2.06	0.94	
9.0	228.6	2050 - 4900	9.119 - 21.797	3650.0	16.24	3.64	2.05	
12.0	304.8	3550 - 8720	15.792 - 38.789	6500.0	28.91	8.02	3.64	
18.0	457.2	8060 - 19550	35.853 - 86.963	14690.0	64.94	18.50	8.4	
T		DEFLECTION RANGE				OPTIMUM DEFLECTION		
in	mm	in		mm		in	mm	
7/8	22.2	0.10 TO 0.20		2.8 TO 5.1		0.16	4.00	

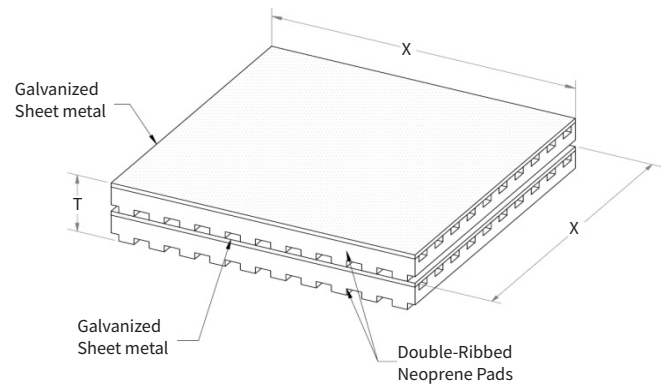


IMAGE : DOUBLE LAYER NEOPRENE PAD C/W GALVANIZED SHEET METAL (LOAD DISTRIBUTION PLATE)

Isolator Base to be fully covered by (2) layers of neoprene pads separated by Galvanized steel -Type IRMR