



# SANDHYA ENTERPRISES

**AN ISO 9001:2015 Certified Company**

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**AN ISO 9001:2015 Certified Company**

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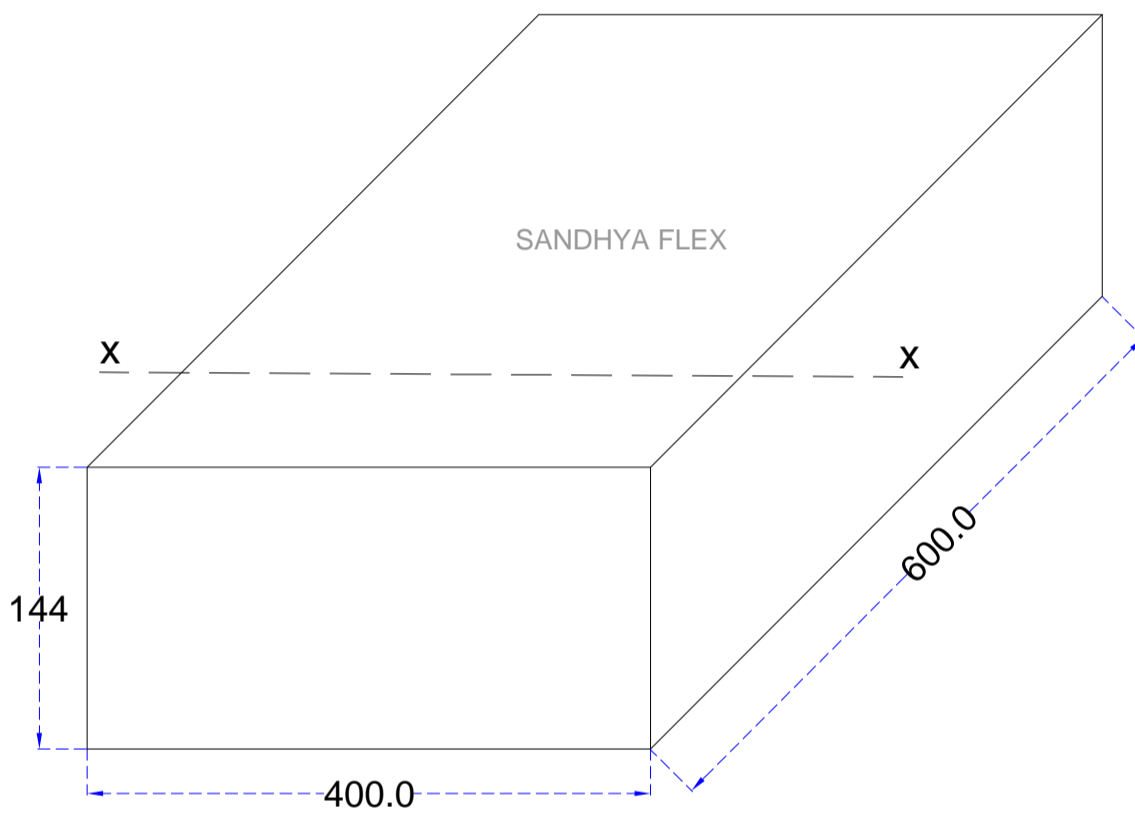
**Website:** [www.sandhyaflex.com](http://www.sandhyaflex.com)

**WhatsApp:** 9652998932

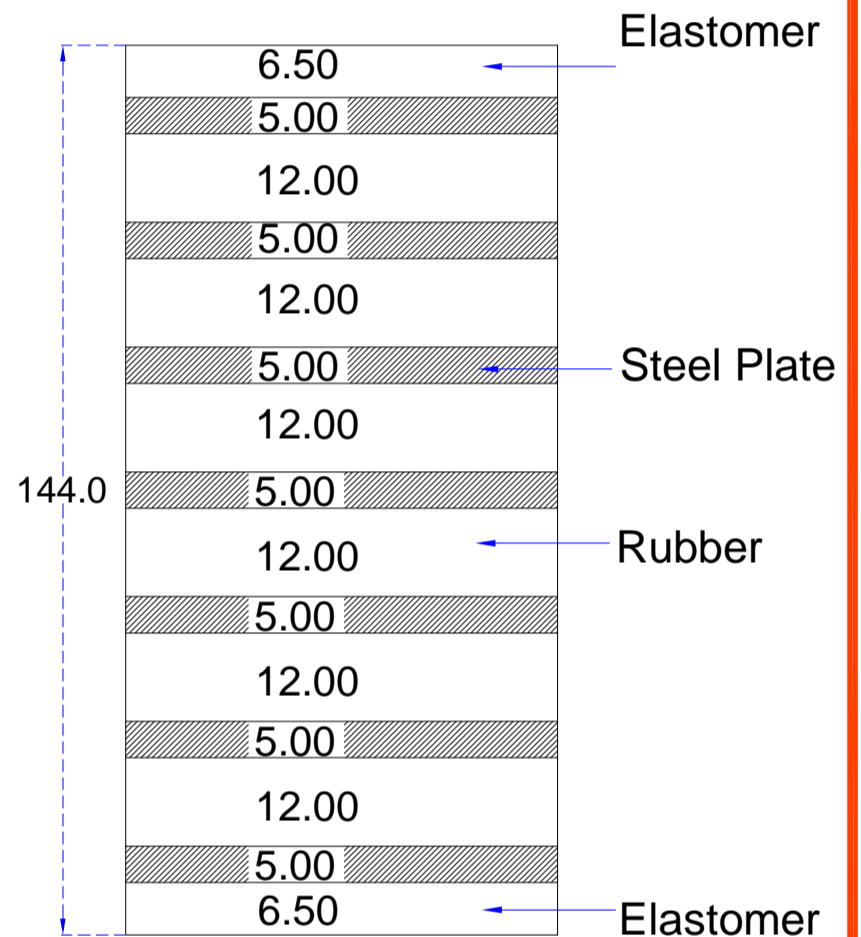
**YouTube:** [www.youtube.com/c/SANDHYAENTERPRISES](http://www.youtube.com/c/SANDHYAENTERPRISES)

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ALL DIMENSIONS ARE IN MM



## ELASTOMERIC BRIDGE BEARING

## SECTION X-X

S.NO	TESTS	Permissible Limits as per IRC83(PART II)/2015	TESTS
1	Physical Properties-Before Ageing		
	Hardness Test	60+5 IRHD	IS:3400(Part II)
	Tensile Strength	17 MPa(min)	IS:3400(Part I)
	Elongation at Break	400%(min)	IS:3400(Part I)
2	Adhesion Strength	7 kn/M (min)	IS:3400(Part XIV)
3	Ash Content	5%(max)	IS:3400(Part XXII)
4	Polymer	Chloroprene(CR)	ASTM D297
5	Polymer Percentage	60% (Min)	IS:3400(Part XXII)
6	Compression Set	-35% (Max)	IS:3400(Part X)
7	Physical Properties - After Ageing		
	Changing in Tesile Streghth %	-15%(Max)	IS:3400(Part IV)
	Change in Elongation at Break	-30% (Max)	IS:3400(Part IV)
	Change in Hardness	+5 Deg(Max)	IS:3400(Part IV)

TITLE:

**ELASTOMERIC BRIDGE BEARING**

DRAWING NO:

SE/EBB/L600/W400/D144

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HYDERABAD