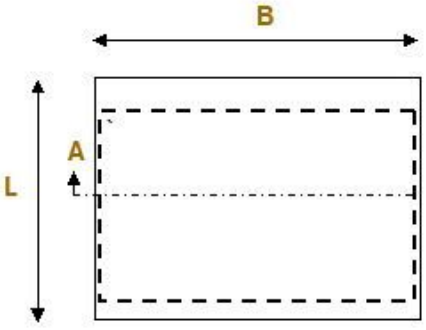
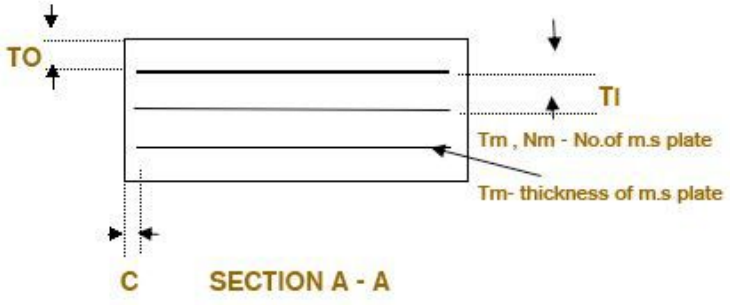
Based on BS 5400 Part 9.2:1983,Shear Modulus, G=0.9 N/mm2,
Hardness,IRHD = 60, Bulk Modulus,Eb = 2,000N/mm2





Note 1 :
The Laminated Elastomeric Bearing shall be designed and manufactured in accordance with BS 5400.Section 9.2. : 1983

Laminated Rubber Bearing - Data sheet 350 X 200

Plan dimensions : 350 X 200
Top & bottom cover rubber thickness,To = 4mm
Side cover rubber thickness,C =6mm
Steel plate thickness,Tm = 3mm

PART	DIMENSIONS			Calculated	Calculated	Fixed Bearing		Free Bearing		Unlocated	
No	B	L	T	Compressive	Rotational	Max Load	Max Load	Max Load	Max Load	Maximum	Shear
				Stiffness	Capacity	Zero Rotation	Full Rotation	Zero Rotation	Full Rotation	Shear	Stiffness
	(mm)	(mm)	(mm)	(kN/mm)	RAD/100kN	(kN)	(kN)	(kN)	(kN)	mm	kN/mm
EB3520/2/06	200	350	29	1232	0.00130	1460	960	1220	790	14.0	3.15
EB3520/3/06	200	350	38	938	0.00170	1460	960	1190	770	18.2	2.42
EB3520/4/06	200	350	47	757	0.00210	1460	950	1160	760	22.4	1.97
EB3520/5/06	200	350	56	635	0.00250	1460	950	1130	750	26.6	1.66
EB3520/6/06	200	350	65	547	0.00292	1460	950	1100	730	30.8	1.43
EB3520/7/06	200	350	74	480	0.00332	1440	950	1070	720	35.0	1.26
EB3520/1/09	200	350	23	932	0.00169	1020	780	820	640	11.9	3.71
EB3520/2/09	200	350	35	543	0.00294	970	730	790	600	18.2	2.42
EB3520/3/09	200	350	47	383	0.00415	970	710	760	570	24.5	1.80
EB3520/4/09	200	350	59	296	0.00540	970	704	736	558	30.8	1.43
EB3520/1/12	200	350	26	487	0.00328	760	590	610	480	14.0	3.15
EB3520/2/12	200	350	41	263	0.00607	730	530	580	440	22.4	1.97
EB3520/3/12	200	350	56	180	0.00887	730	510	550	410	30.8	1.43