



The YINGWEN HIGHWAY adopt the silding bearing produced by our company

### specifications of GYZ and GYZF<sub>4</sub> Circular Laminated Elastomeric Bearings

Bearing diameter d (mm)	Bearing Capacity (KN)		GYZ(JBZ)Series		GYZF <sub>4</sub> (JBZF <sub>4</sub> )Series		
	AASHTO	JT	Overall thickness ( δ ) ( mm )	Allowed horizontal displacement Max. ( braking force excluded )	Overall thickness ( δ ) ( mm )	Bearing displacement(mm)	
						longitudinal	Transverse
150	176	154	21,28,35,42	5.0,7.5,10.0,12.5	23,30,37,44	± 30	± 20
200	314	284	35,42,49,56	10.0,12.5,15.0,17.5	37,44,51,58	± 30	± 20
250	490	452	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	± 60	± 30
300	706	661	52,63,74,85	16.0,20.0,24.0,28.0	54,65,76,87	± 60	± 30
350	962	908	63,74,85,96	20.0,24.0,28.0,32.0	65,76,87,98	± 90	± 40
400	1257	1195	54,69,84,99	16.5,22.0,27.5,33.0	56,71,86,101	± 90	± 40
450	1590	1521	69,84,99,114	22.0,27.5,33.0,38.5	71,86,101,116	± 110	± 40
500	1963	1886	70,90,110,130	22.5,30.0,37.5,45.0	72,92,112,132	± 110	± 40
550	2370	2290	90,110,130,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
600	2827	2734	90,110,130,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
650	3318	3217	110,130,150,170	37.5,45.0,52.5,60.0	113,133,153,173	± 150	± 40
700	3848	3739	102,125,148,171	36.0,45.0,54.0,63.0	105,128,151,174	± 150	± 40
750	4418	4301	125,148,171,194	45.0,54.0,63.0,72.0	128,151,174,197	± 180	± 40
800	5027	4902	125,148,171,194	45.0,54.0,63.0,72.0	128,151,174,197	± 180	± 40

**Note:** GYZF<sub>4</sub> ( JBZF<sub>4</sub> ) Series certificate of division of family property one way and multidirection freely movable bearing, in table support's displacement quantity is more for multidirection freely movable bearing's displacemet quantity; The unidirectional freely movable bearing's longitudinal displacement quantity is the same with multidirection support's. The unidirectional freely movable bearing's transverse displacement is ± 3mm.

## Grade of Laminated Elastomeric Bearing Capacity

150–7000KN ,The client may request the production of some special types through consultation with factory.

specifications of GJZ and GJZF<sub>4</sub> Rectangular Bearings

Plane sizes La x Lb(mm)	Bearing Capacity (KN)		GJZ(JBZ) Series		GJZF <sub>4</sub> (JBZF <sub>4</sub> ) Series		
	AASHTO	JT	Overall thickness ( δ ) ( mm )	Allowed horizontal displacement Max. ( braking force excluded )	Overall thickness ( δ ) ( mm )	Bearing displacement(mm)	
						longitudinal	Transverse
100x150	150	101	21,28	5.0,7.5	23,30	±30	±20
100x200	200	137	21,28	5.0,7.5	23,30	±30	±20
150x150	225	196	21,28,35,42	5.0,7.5,10.0,12.5	23,30,37,44	±30	±20
150x200	300	266	21,28,35,42	5.0,7.5,10.0,12.5	23,30,37,44	±30	±20
150x250	375	336	28,35,42	7.5,10.0,12.5	30,37,44	±30	±20
150x300	450	406	28,35,42	7.5,10.0,12.5	30,37,44	±30	±20
200x200	400	361	35,42,49,56	10.0,12.5,15.0,17.5	37,44,51,58	±30	±20
200x250	500	456	42,49,56	12.5,15.0,17.5	44,51,58	±30	±20
200x300	600	551	30,41,52	8.0,12.0,16.0	32,43,54	±30	±20
200x350	700	646	30,41,52	8.0,12.0,16.0	32,43,54	±30	±20
200x400	800	741	30,41,52	8.0,12.0,16.0	32,43,54	±30	±20
250x250	625	576	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
250x300	750	696	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
250x300	875	816	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
250x400	1000	936	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
250x450	1125	1056	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
250x500	1250	1176	41,52,63,74	12.0,16.0,20.0,24.0	43,54,65,76	±50	±20
300x300	900	841	52,63,74,85	16.0,20.0,24.0,28.0	54,65,76,87	±70	±30
300x350	1050	986	52,63,74,85	16.0,20.0,24.0,28.0	54,65,76,87	±70	±30
300x400	1200	1131	52,63,74,85	16.0,20.0,24.0,28.0	54,65,76,87	±70	±30
300x450	1350	1276	63,74,85	20.0,24.0,28.0	65,76,87	±70	±30
300x500	1500	1421	54,69,84	16.5,22.0,27.5	56,71,86	±70	±30
300x550	1650	1568	54,69,84	16.5,22.0,27.5	57,72,87	±70	±30
300x600	1800	1711	54,69,84	16.5,22.0,27.5	57,72,87	±70	±30
350x350	1225	1158	63,74,85,96	20.0,24.0,28.0,23.0	65,76,87,98	±90	±40
350x400	1400	1326	54,69,84,99	16.5,22.0,27.5,33.0	56,71,86,101	±90	±40
350x450	1575	1496	54,69,84,99	16.5,22.0,27.5,33.0	56,71,86,101	±90	±40
350x500	1750	1666	54,69,84,99	16.5,22.0,27.5,33.0	56,71,86,101	±90	±40
350x550	1925	1836	54,69,84,99	16.5,22.0,27.5,33.0	57,72,87,102	±90	±40
350x600	2100	2006	54,69,84,99	16.5,22.0,27.5,33.0	57,72,87,102	±90	±40

Plane sizes La x Lb(mm)	Bearing Capacity (KN)		GJZ(JBZ)Series		GJZF <sub>4</sub> (JBZF <sub>4</sub> )Series		
	AASHTO	JT	Overall thickness ( δ ) ( mm )	Allowed horizontal displacement Max. ( braking force excluded )	Overall thickness ( δ ) ( mm )	Bearing displacement(mm)	
						longitudinal	Transverse
400x400	1600	1521	54,69,84,99	16.5,22.0,27.5,33.0	56,71,86,101	± 90	± 40
400x450	1800	1716	69,84,99,114	22.0,27.5,33.0,38.5	71,86,101,116	± 90	± 40
400x500	2000	1911	69,84,99,114	22.0,27.5,33.0,38.5	71,86,101,116	± 90	± 40
400x550	2200	2106	69,84,99	22.0,27.5,33.0	72,87,102	± 90	± 40
400x600	2400	2301	69,84,99	22.0,27.5,33.0	72,87,102	± 90	± 40
400x650	2600	2496	69,84,99	22.0,27.5,33.0	72,87,102	± 90	± 40
450x450	2025	1936	69,84,99,114	22.0,27.5,33.0,38.5	71,86,101,116	± 110	± 40
450x500	2250	2156	84,99,114	27.5,33.0,38.5	86,101,116	± 110	± 40
450x550	2475	2376	84,99,114	27.5,33.0,38.5	87,102,117	± 110	± 40
450x600	2700	2596	70,90,110	22.5,30.0,37.5	73,93,113	± 110	± 40
450x650	2925	2816	70,90,110	22.5,30.0,37.5	73,93,113	± 110	± 40
500x500	2500	2401	70,90,110,130	22.5,30.0,37.5,45.0	72,92,112,132	± 130	± 40
500x550	2750	2646	70,90,110,130	22.5,30.0,37.5,45.0	73,93,113,133	± 130	± 40
500x600	3000	2891	70,90,110,130	22.5,30.0,37.5,45.0	73,93,113,133	± 130	± 40
500x650	3250	3136	70,90,110,130	22.5,30.0,37.5,45.0	73,93,113,133	± 130	± 40
500x700	3500	3381	70,90,110,130	22.5,30.0,37.5,45.0	73,93,113,133	± 130	± 40
550x550	3025	2916	70,90,110,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
550x600	3300	3186	70,90,110,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
550x650	3575	3456	70,90,110,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
600x600	3600	3481	70,90,110,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
600x650	3900	3776	70,90,110,150	30.0,37.5,45.0,52.5	93,113,133,153	± 130	± 40
600x700	4200	4071	110,130,150	37.5,45.0,52.5	113,133,153	± 150	± 40
600x750	4500	4366	110,130,150	37.5,45.0,52.5	113,133,153	± 150	± 40
650x650	4225	4096	110,130,150,170	37.5,45.0,52.5,60.0	113,133,153,173	± 150	± 40
650x700	4550	4416	102,125,148,171	36.0,45.0,54.0,63.0	105,128,151,174	± 150	± 40
650x750	4875	4736	102,125,148,171	36.0,45.0,54.0,63.0	105,128,151,174	± 150	± 40
700x700	4900	4761	102,125,148,171	36.0,45.0,54.0,63.0	105,128,151,174	± 150	± 40

Note: GJZF<sub>4</sub> ( JBZF<sub>4</sub> ) Series certificate of division of family property one way and multi-direction freely movable bearing, in table support's displacement quantity is more for multidirection freely movable bearing's displacement quantity; The unidirectional freely movable bearing's longitudinal displacement quantity is the same with multi-direction support's. The unidirectional freely movable bearing's transverse displacement is ± 3mm.