

ROLLING MILL BEARING SERIES

Four Row Tapered Roller Bearings

Four row tapered roller bearings are designed for rolling mill roll necks and heavy-duty applications requiring high radial load capacity, axial load support from both directions, and reliable operation under demanding mill conditions.

Rolling mill roll necks

High radial load capacity

Open & sealed designs



Technical Catalogue

Principal dimensions and basic load ratings for TEDIN four row tapered roller bearings. Customized designs, open designs and sealed designs are available upon request.

Principal Dimensions			Basic Load Ratings		Designation
d mm	D mm	B mm	Cr kN	Cor kN	
127	182.562	158.75	721	1500	48290DW/48220/48220D
139.7	200.025	157.165	727	2000	48680D/48620/48620D
140	210	185	604	1095	382028
152.4	222.25	174.625	1050	2470	M231649D/M231610/M231610D
165.1	225.425	165.1	809	2100	46791D/46720/46721D
170	260	230	907	1720	382034
181.808	259.969	144.465	747	1210	LM239530T/LM239546TD/LM239549T
190.5	266.7	187.325	1250	3130	67885D/67820/67820D
200	282	206	1117	2087	380640
203.2	317.5	266.7	1720	4330	93800DW/93125/93127D
205	320	205	1254	1931	380641
206.375	282.575	210	1320	3800	206KV2857
220	295	315	1470	4360	380644-2LS
220	300	230	1390	4080	382944X2
220	340	305	1500	3020	382044
220	340	305	2340	5520	382044/HCYB2
220.662	314.325	239.712	2050	5060	M244249D/M244210/M244210D
240	338	248	2020	5320	37248WF/DPICS130
240	360	310	2290	6240	382048/HC3
244.475	381	304.8	2310	5850	EE126096DM/EE126150/EE126151D
244.475	327.025	193.675	1720	4200	LM247748DW/LM247710/LM247710D
250	385	255	1913	4300	380650
250	365	270	1930	4750	250KVE3601AEg
250	388	248	2020	5320	37248WF/DPI SC130
254	358.775	269.875	2040	6220	47T513627AWF/DPGCS130
260	360	265	1920	5150	382952
260	380	200	1730	4000	382952 X3
260	400	255	2120	5010	380652
260	400	345	3750	7950	382052
260	440	330	3260	7600	477752
260	440	300	2597	5047	380152
260.35	422.275	314.325	3480	7800	HM252349D/HM252310/HM252310D
266.7	355.6	230.188	1643	5282	LM451349DW/LM451310/LM451310D
269.875	381	282.58	2710	6350	M252349D/M252310/M252310D
279.4	393.7	269.875	2240	6210	EE135111D/EE135155/EE135156D
279.4	393.7	269.875	2240	6210	47T563927AWH/DPGCS155
280	460	324	4100	7850	381156
292.1	422.275	269.875	2540	6710	EE330116D/330166/330167D
300	420	300	2253	4702	382960
300	460	390	3234	6832	382060

Principal Dimensions			Basic Load Ratings		Designation
d mm	D mm	B mm	Cr kN	Cor kN	
300	500	350	3950	8830	381060X2/HC
300	500	370	3654	6776	381160
300.038	422.275	311.15	2960	8230	HM256849D/HM256810/HM256810D/HG2
304.8	419.1	269.875	2500	7180	M257149DW/M257110/M257110D
304.8	501.65	336.55	4600	10600	HM258949D/HM258910/HM258910D
304.902	412.648	266.7	2880	7100	M257248DW/M257210/M257210D
310	410	310	2330	6790	380662-XRS/HCEP59-1/W281
317.5	447.675	327.025	2870	9280	HM259049D/HM259010/HM259010D
320	480	380	3470	9230	382064/YB2
320	460	338	3056	7164	380664
320	460	380	3100	8000	380664/YB2
340	520	325	4150	9120	LY-3015
340	580	425	4236	8450	381168
340	460	310	2478	5782	382968
340	460	310	2680	7930	382968/HC C9
340	520	325	2898	5872	380068
341.312	457.098	254	2430	6870	LM761648D/LM761610/LM761610D
342.9	533.4	307.985	2990	7370	971355D/972100/972103D
343.052	457.098	254	2475	6210	LM761649DGW/LM761610/LM761610D
343.052	457.098	254	2430	6870	LM761649DW/LM761610/LM761611D
343.052	457.098	254	2430	6870	LM761649DW/LM761610/LM761612D
343.052	457.098	254	2430	6870	LM761649DW/LM761610/LM7616110D
350	590	420	4732	8582	380670
355.6	457.2	252.413	2300	7420	LM263149DW/LM263110/LM263110D
355.6	482.6	265.112	3030	7640	LM763449D/LM763410/LM763410D
360	480	310	2760	8360	382972
360	480	375	3038	3038	380672
360	540	325	3388	6524	380072
380	560	325	3066	5754	380076
380	560	360	4850	12900	380676
380	620	420	5082	9604	381176
384.175	546.1	400.05	5500	16200	HM266449D/HM266410/HM266410D
385.762	514.35	317.5	3340	10200	3806/385,762-2LS
390	510	350	3760	12100	380678/HC
395	545	268.7	1946	4032	380679
400	540	280	1946	4032	380680
400	540	400	5260	11500	382980-2LS/YA3
400	540	400	4400	13800	382980/HC
400	600	356	2618	6762	381080
406.4	565.15	381	4950	14400	M267949DW/M267910/M267910D
409.575	546.1	334.962	4460.09	11000	409KV5451GS3/C9
415.925	590.55	434.975	6820	18800	M268749D/M268710/M268710D
420	760	500	7987	13328	380684
420	700	480	7308	12360	381184
420	560	437	4950	15800	382084X3/HC
420	620	356	3948	7616	381084
431.8	571.5	279.4	3470	9750	LM869449D/LM869410/LM869410D
440	620	454	5700	16000	440KVE6201EG
440	620	454	3962	7882	380688
440	620	454	5710	18300	380688W
440	650	355	5030	13500	380088FW
440	650	355	6130	7400	380088E/YB2
440	650	376	4326	9072	380088
457.2	596.9	276.225	3090	9300	L770847DW/L770810/L770810D
460	620	310	3402	7350	381992
460	650	474	5292	11270	380692
460	680	410	5665	11235	380092
460	730	440	6062	11438	380692/YB2
480	700	420	5922	12600	380096
482.6	615.95	425	4110	13700	3806/482,6-2LS/YA3
488.95	622.3	365.125	4900	14400	3806/488,95
488.95	622.3	365.125	3350	11100	3806/488,95-2LS/YA3
490	625	385	4510	15100	490KV6201GS3/C9
500	720	420	5950	12768	3800/500
501.65	711.2	520.7	7300	25600	3-755

Principal Dimensions			Basic Load Ratings		Designation
d mm	D mm	B mm	Cr kN	Cor kN	
501.65	711.2	520.7	7130	21200	3806/501.65-2LS/YA3
508	762	463.55	9500	22700	EE531201D/EE531300/531301XD
508	762	463.55	7140	17800	3806/508-2LS/YA3
530	730	535	8510	26800	3806/530/HC YB
530	780	450	7602	15960	3800/530
530	870	590	10038	20300	3811/530
530	880	544	9394	18340	3806/530
558.8	736.6	593.72	7370	24500	LM277149DAJ2/LM277110J2/LM277110DJ2
558.8	736.6	409.575	6010	19100	LM377448DW-1/LM377410-1/LM377410CD
560	750	368	4424	10374	3819/560
560	920	620	12138	20300	3811/560
570	810	590	10900	34600	3806/570
571.5	812.8	593.72	12500	35000	M278749D/M278710/M278710D
584.2	762	369.875	6030	20400	LM778549DGW/LM778510/LM778510D
585.788	771.525	479.425	7610	24600	LM278849DW-1/LM278810-1/LM278810D-1
585.788	771.525	479.425	7710	25100	LM278849D/LM278810/LM278810D
585.788	771.525	479.425	7710	25100	LM278849DG/LM278810/LM278810D
600	800	380	4728	11652	3819/600
600	870	480	7212	15960	3800/600
600	980	650	11808	24480	3811/600
625	815	480	8870	30400	BT4-8031E/C800
630	850	418	7472	17600	3819/630
630	920	515	9975	20860	3800/630
630	1030	670	10755	31080	3811/630
650	1030	560	11466	22050	3806/650
660	1070	640	12600	26500	3806/660
660.011	855.015	319.99	5490	17700	660KV8552GS3
670	900	412	7545	17360	3819/670
685.8	876.3	352.42	7400	22200	EE655271DW/655345/655346D
685.8	876.3	352.42	5200	16500	3806/685.8-2LS/YA3
710	1150	750	15840	33960	3811/710
710	1030	555	9828	22560	3800/710
800	1240	850	20600	67200	3811/800 X1

LUOYANG TEDIN MACHINERY CO., LTD.

Location: Fuxing West Road, High-Tech Zone, 471000 Luoyang, China

Email: info@tedinbearings.com | **Phone/Whatsapp:** +8613663889399