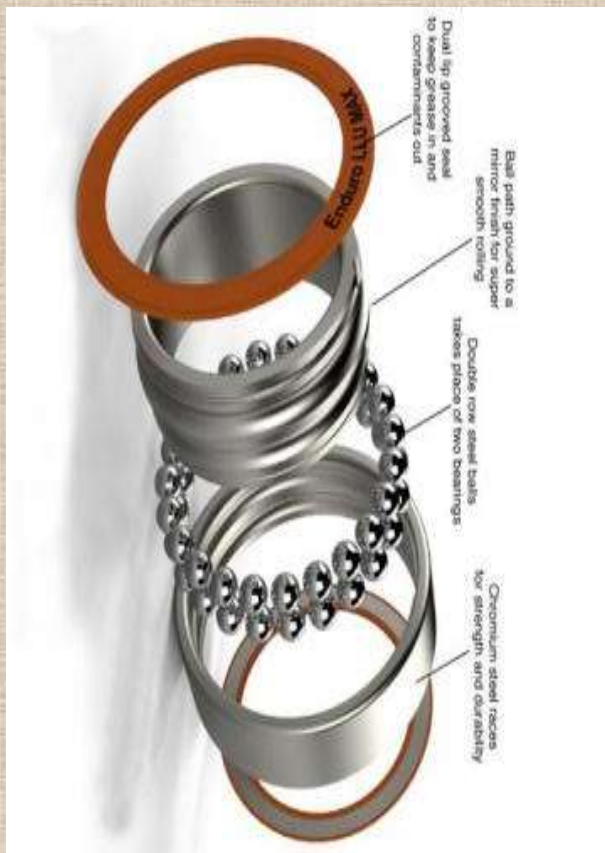
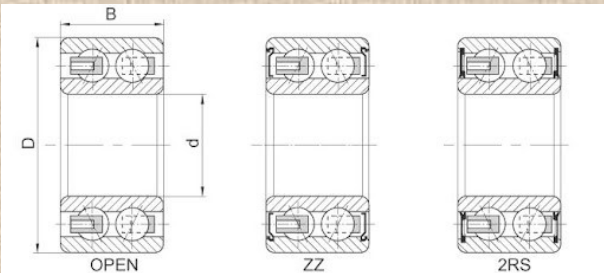
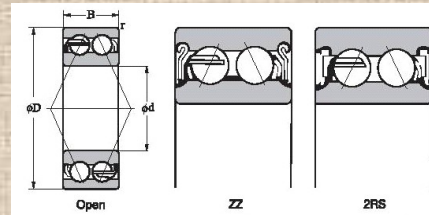


GERMAN PRECISION



**DOUBLE ROW
ANGULAR CONTACT
BALL BEARINGS
DEEP GROOVE BALL
BEARINGS**

PRECISION GERMAN



Bearing number	Principal dimensions mm				Weight kg
	d	D	B	r smin	
4200	10	30	14	0.6	0.057
4201	12	32	14	0.6	0.062
4202	15	35	14	0.6	0.071
4302		42	17	1.0	0.123
4203	17	40	16	0.6	0.106
4303		47	19	1.0	0.171
4204	20	47	18	1.0	0.165
4304		52	21	1.1	0.227
4205	25	52	18	1.0	0.189
4305		62	24	1.1	0.365
4206	30	62	20	1.0	0.298
4306		72	27	1.1	0.542
4207	35	72	23	1.1	0.460
4307		80	31	1.5	0.752
4208	40	80	23	1.1	0.558
4308		90	33	1.5	1.01
4209	45	85	23	1.1	0.605
4309		100	36	1.5	1.35
4210	50	90	23	1.1	0.651
4310		110	40	2.0	1.80
4211	55	100	25	1.5	0.882
4311		120	43	2.0	2.29
4212	60	110	28	1.5	1.20
4312		130	46	2.1	2.87
4213	65	120	31	1.5	1.59
4313		140	48	2.1	3.46
4214	70	125	31	1.5	1.68
4314		150	51	2.1	4.21
4215	75	130	31	1.5	1.77
4315		160	55	2.1	5.15

Bearing number	Principal dimensions mm				Weight kg
	d	D	B	r smin	
3200	10	30	14.3	0.6	0.052
3201	12	32	15.9	0.6	0.063
3202	15	35	15.9	0.6	0.072
3302		42	198.0	1.0	0.132
3203	17	40	17.5	0.6	0.100
3303		47	22.2	1.0	0.192
3204	20	47	20.6	1.0	0.170
3304		52	22.0	1.1	0.230
3205	25	52	20.6	1.0	0.190
3305		62	25.4	1.1	0.369
3206	30	62	23.8	1.0	0.320
3306		72	30.2	1.1	0.585
3207	35	72	27.0	1.1	0.480
3307		80	34.9	1.5	0.816
3208	40	80	30.2	1.1	0.650
3308		90	36.5	1.5	1.070
3209	45	85	30.2	1.1	0.710
3309		100	39.7	1.5	1.420
3210	50	90	30.2	1.1	0.760
3310		110	44.4	2.0	1.950
3211	55	100	33.3	1.5	1.050
3311		120	49.2	2.0	2.530
3212	60	110	36.5	1.5	1.400
3312		130	54.0	2.1	3.240
3213	65	120	38.1	1.5	1.750
3313		140	58.7	2.1	4.080
3214	70	125	39.7	1.5	1.920
3314		150	63.5	2.1	5.040
3215	75	130	41.3	1.5	2.100
3315		160	68.3	2.1	6.160
3216	80	140	44.4	2.0	2.640
3316		170	68.3	2.1	6.930
3217	85	150	49.2	2.0	3.390
3317		180	73.0	3.0	8.300
3218	90	160	52.4	2.0	4.140
3318		190	73.0	3.0	9.230

Double row contact ball bearing:

Angular contact ball bearings are available in single and double row design as well as four-point contact ball bearings. They are designed for combined loads and provide stiff bearing arrangements, Angular contact ball bearings have raceways in the inner and outer rings which are displaced with respect to each other in the direction of the bearing axis. This means that they are particularly suitable for the accommodation of combined loads i. e. simultaneously acting radial and axial loads, The benefits are high load carrying capacity and speed capability, low operating temperatures, long republication intervals and quiet operation.

