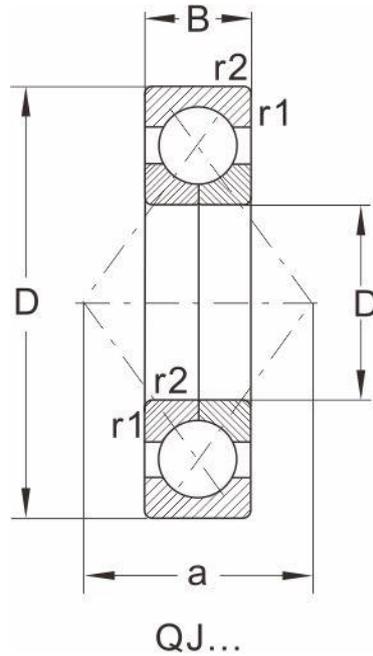


# Four Point Contact Ball Bearings



Designation	Boundary dimensions [mm]								Load ratings (kN)		Speed ratings (rpm)		Mass
	d	D	B	r1,r2 Min	a	an	bn	rn	dyn Cr	stat Cor	grease	oil	Kg
QJ204.MPA	20	47	14	1	23	--	--	--	22.7	16	12000	17000	0.14
QJ304.MPA	20	52	15	1.1	26	--	--	--	30	19.6	10000	15000	18
QJ205.MPA	25	52	15	1	27	--	--	--	25.3	19.8	9500	14000	0.17
QJ305.MPA	25	62	17	1	31	--	--	--	44	31.5	9500	13500	0.25
QJ206.MPA	30	62	16	1	32	--	--	--	38.5	30	8500	12000	0.3
QJ306.MPA	30	72	19	1.1	36	--	--	--	55	40.5	7500	10000	0.37
QJ207.MPA	35	72	17	1.1	42	--	--	--	49.8	40	7500	10000	0.46
QJ307.MPA	35	80	21	1.5	46	--	--	--	61	47	7000	9500	0.5
QJ208.MPA	40	80	18	1.1	42	--	--	--	55.9	50.4	6700	9000	0.39
QJ308.MPA	40	90	23	1.5	46	--	--	--	79	63.5	6300	8500	0.69
QJ209.MPA	45	85	19	1.1	45	--	--	--	61.7	55.1	6300	8500	0.48
QJ309.MPA	45	100	25	1.5	51	--	--	--	93.7	77.3	5600	7500	0.95
QJ210.MPA	50	90	20	1.1	49	--	--	--	64.2	60.4	5600	7500	0.64
QJ310.MPA	50	110	27	2	56	--	--	--	118	99	5000	6700	1.37
QJ211.MPA	55	100	21	1.5	54	--	--	--	80	76	5300	7000	0.68

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QJ311.MPA	55	120	29	2	61	--	--	--	135	116	4500	6000	1.74
QJ212.MPA	60	110	22	1.5	60	--	--	--	92	87	4800	6300	0.87
QJ312.MPA	60	130	31	2.1	67	--	--	--	154	134	1300	5600	2.18
QJ213.MPA	65	120	23	1.5	65	--	--	--	109	106	4300	5600	1.24
QJ313.MPA	65	140	33	2.1	72	--	--	--	174	154	4000	5300	2.69
QJ214.MPA	70	125	24	1.5	68	--	--	--	114	115	4300	5600	1.39
QJ314.MPA	70	150	35	2.1	77	--	--	--	192	174	3600	4800	3.25
QJ215.MPA	75	130	25	1.5	72	--	--	--	118	123	4000	5300	1.77
QJ315 N2.MPA	75	160	37	2.1	82	10.1	8.5	2	212	204	3400	4500	3.93
QJ216.MPA	80	140	26	2	77	--	--	--	138	146	3600	4800	1.8
QJ316 N2.MPA	80	170	39	2.1	88	10.1	8.5	2	230	229	3200	4300	4.61
QJ217.MPA	85	150	28	2	82	--	--	--	153	160	3400	4500	2.25
QJ317 N2.MPA	85	180	41	3	93	11.7	10.5	2	248	255	3000	4000	5.49
QJ218.MPA	90	160	30	2	88	8.1	6.5	1	175	186	3200	4300	2.89
QJ318 N2.MPA	90	190	43	3	98	11.7	10.5	2	267	283	2800	3800	6.34
QJ219 N2.MPA	95	170	32	2.1	93	8.1	6.5	1	199	213	3000	4000	3.37
QJ319 N2.MPA	95	200	45	3	103	11.7	10.5	2	258	313	3600	3600	7.4
QJ1020.MPA	100	150	24	1.5	88	--	--	--	106	134	3200	4300	1.6
QJ220N2.MPA	100	180	34	2.1	98	10.1	8.5	2	225	240	2800	3800	4.05
QJ320N2.MPA	100	215	47	3	110	11.7	10.5	2	307	340	2400	3400	9.3
QJ1020N2.MPA	105	160	26	2	93	6.5	6.5	1	124	156	3000	4000	2
QJ221N2.MPA	105	190	36	2.1	103	10.1	8.5	2	242	270	2600	3600	4.8
QJ321N2.MPA	105	225	49	3	116	11.7	10.5	2	344	406	2200	3200	10.5
QJ1022N2.MPA	110	170	28	2	98	6.5	6.5	1	146	186	2800	3800	2.5
QJ222N2.MPA	110	200	38	2.1	109	10.1	8.5	2	265	305	2400	3400	5.6
QJ322N2.MPA	110	240	50	3	123	11.7	10.5	2	364	430	2000	3000	12
QJ224N2.MPA	120	215	40	3	117	11.7	10.5	2	286	340	2200	3200	6.95
QJ324N2.MPA	120	260	55	4	133	11.7	10.5	2	390	490	1900	2800	15.3
QJ226N2.MPA	130	230	40	3	126	11.7	10.5	2	296	365	1900	2800	7.75
QJ326N2.MPA	130	280	58	4	144	12.7	10.5	2	423	560	1800	2600	19.5
QJ228N2.MPA	140	250	42	3	137	11.7	10.5	--	325	440	1800	2600	9.85
QJ328N2.MPA	140	300	62	4	154	12.7	10.5	--	468	640	1700	2400	23

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QJ328.MPA	140	300	62	4	154	--	--	--	468	640	1700	2400	23.3
QJ1030N2.MPA	150	225	35	2.1	131	8.1	6.5	1	216	305	1900	2800	5.25
QJ1030.MPA	150	225	35	2.1	131	--	--	--	216	305	1900	2800	5.29
QJ230N2.MPA	150	270	45	3	147	11.7	10.5	2	338	465	1700	2400	12.5
QJ330N2.MPA	150	320	65	4	165	12.7	10.5	2	494	710	1600	2200	29
QJ1030N2.MPA	160	240	38	2.1	140	10.1	8.5	1	247	355	1800	2600	6.45
QJ232N2.MPA	160	290	48	3	158	12.7	10.5	2	390	570	1600	2200	15.2
QJ1032N2.MPA	160	340	68	4	175	12.7	10.5	2	540	815	1500	2000	34.5
QJ1034N2.MPA	170	260	42	2.1	151	--	--	1	292	410	1700	2400	8.23
QJ234N2.MPA	170	310	52	4	168	12.7	10.5	2	397	600	1600	2200	19.5
QJ334N2.MPA	170	360	72	4	186	12.7	10.5	2	618	965	1400	2200	41.5
QJ1036.MPA	180	280	46	2.1	161	--	--	--	338	510	1600	2200	10.7
QJ223N2.MPA	180	320	52	4	175	12.7	10.5	2	436	680	1500	2000	20.5
QJ336N2.MPA	180	380	75	4	196	12.7	10.5	2	637	1020	1300	1800	47.5
QJ1038N2.MPA	190	290	16	2.1	168	11.7	10.5	1	338	510	1600	2200	11.5
QJ238N2.MPA	190	340	55	4	186	12.7	10.5	2	488	780	1400	1900	24.5
QJ338N2.MPA	190	400	78	5	207	12.7	10.5	--	735	1250	1200	1600	52.1
QJ1040N2.MPA	200	310	51	2.1	179	12.7	10.5	2	390	620	1500	2000	14.7
QJ240N2.MPA	200	360	58	4	196	12.7	10.5	2	507	850	1300	1800	28.5
QJ340N2.MPA	200	420	80	5	217.1	15	12.5	--	570	1270	1200	1600	55.3
QJ1044.MPA	220	340	56	3	196	--	--	--	442	750	1300	1800	17.8
QJ244N2.MPA	220	400	65	4	217	12.7	10.5	2	553	980	1100	1600	39.5
QJ334N2.MPA	220	160	88	5	238	15	12.5	--	780	1400	1000	1500	78.5
QJ1048.MPA	240	360	56	3	210	--	--	--	449	780	1200	1700	20.9
QJ248N2.MPA	240	440	72	4	238	15	12.5	--	650	1200	1000	1500	53
QJ1052.MPA	260	400	65	4	231	--	--	--	540	1000	1000	1500	31.5
QJ252N2.MPA	260	480	80	5	259	15	12.5	--	728	1430	900	1300	68
QJ1056N2.MPA	280	420	65	4	245	15	12.5	--	553	1060	950	1400	33.5
QJ1256N2.MPA	280	500	90	5	390	15	12.5	--	728	1460	900	1300	82
QJ1060N2.MPA	300	460	74	4	266	15	12.5	--	650	1340	900	1300	47.5
QJ1260N2.MPA	300	540	98	5	420	20	15.5	--	832	1760	850	1200	105
QJ1064N2.MPA	320	480	74	4	280	15	12.5	--	663	1400	850	1200	50

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QJ1264N2.MPA	320	580	105	5	450	20	15	--	923	2040	800	1100	130
QJ1068N2.MPA	340	520	82	5	301	15	12.5	--	780	1700	800	1100	66.3
QJ1072N2.MPA	360	540	82	5	505	15	12.5	--	793	1800	800	1100	70.5
QJ1272N2.MPA	360	650	122	6	329	25	20.5	--	1110	2600	700	950	160
QJ1076N2.MPA	380	560	82	5	530	15	12.5	--	819	1900	750	1000	73.5
QJ1276N2.MPA	380	680	132	6	350	25	20.5	--	1170	2850	670	900	220
QJ1080N2.MPA	400	600	90	5	343	15	12.5	--	904	2160	700	950	95.5
QJ1280N2.MPA	400	720	140	6	364	25	20.5	--	1300	3250	600	800	265
QJ1984.MPA	420	560	65	4	590	--	--	--	637	1600	700	950	51
QJ1084N2.MPA	420	620	90	5	364	15	12.5	--	923	2280	670	900	99.5
QJ1284N2.MPA	420	760	150	7.5	590	25	20.5	--	1430	3750	560	750	315
QJ1988N2.MPA	440	600	74	4	364	15	12.5	--	761	1900	670	900	65
QJ1088N2.MPA	440	650	94	6	382	20	15.5	--	995	2500	630	850	115
QJ1288N2.MPA	440	790	155	7.5	615	32	20.5	--	1400	3750	560	750	350
QJ1292N2.MPA	460	680	100	6	399	20	15.5	--	1040	2650	600	800	130
QJ1292N2.MPA	460	830	165	7.5	645	32	20.5	--	1530	4250	530	700	415
QJ1096N2.MPA	480	700	100	6	413	20	15.5	--	1060	2800	560	750	135
QJ1296N2.MPA	480	870	170	7.5	675	32	20.5	--	1680	4750	500	670	470