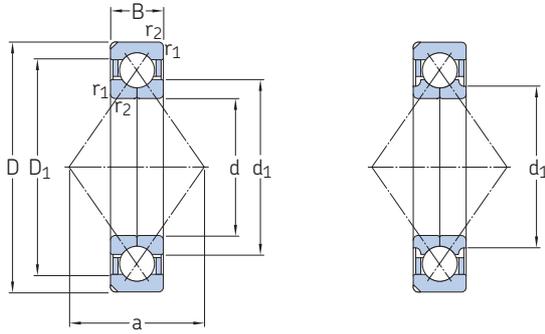


### 3.4 Four-point contact ball bearings

d 160 – 200 mm



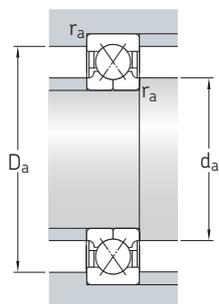
SKF Explorer bearing

Principal dimensions			Basic load ratings		Fatigue load limit	Limiting speed	Mass	Designations	
d	D	B	dynamic	static				C	C <sub>0</sub>
mm			kN		kN	r/min	kg	–	
<b>160</b>	290	48	450	670	19	3 800	15,5	▶ QJ 232 N2MA	–
	340	68	570	880	23,6	3 400	34,5	▶ QJ 332 N2MA	–
<b>170</b>	310	52	455	720	20	3 400	19,5	▶ QJ 234 N2MA	–
	360	72	655	1 040	27	3 200	41,5	▶ QJ 334 N2MA	–
<b>180</b>	320	52	475	765	20,8	3 400	20,5	▶ QJ 236 N2MA	–
	380	75	680	1 100	28	3 000	47,5	QJ 336 N2MA	–
<b>190</b>	340	55	510	850	22,4	3 200	23,5	QJ 238 N2MA	–
	400	78	702	1 160	28,5	2 800	49	QJ 338 N2MA	–
<b>200</b>	360	58	540	915	23,2	3 000	28,5	QJ 240 N2MA	–

**SKF Explorer bearing**

▶ Popular item

<sup>1)</sup> For dimensions of locating slots → [table 1, page 387](#)



Dimensions					Abutment and fillet dimensions			Calculation factor
d	d <sub>1</sub> ≈	D <sub>1</sub> ≈	r <sub>1,2</sub> min.	a	d <sub>a</sub> min.	D <sub>a</sub> max.	r <sub>a</sub> max.	A
mm					mm			–
<b>160</b>	204	243	3	158	174	276	2,5	1,1
	224	276	4	175	177	323	3	2,12
<b>170</b>	204	243	4	168	187	293	3	1,26
	237	293	4	186	187	343	3	2,92
<b>180</b>	231	269	4	175	197	303	3	1,39
	252	309	4	196	197	363	3	3,38
<b>190</b>	244	285	4	185	207	323	3	1,77
	263	326	5	207	210	380	4	4,45
<b>200</b>	258	302	4	196	217	363	3	2,33