

Angular Contact Ball Bearing Finder — by Bore and Series (72, 73, 70, 718/719 Super-Precision, Double Row 32/33, QJ Four-Point) SKF

cBallast Technical Sourcing · generated 2026-09-29 · cballast.com/documents/angular-contact-ball-bearing-finder-by-bore-72-73-70-718-719-double-row-32-33-qj-skf · first 74 rows; the full table is online

Angular contact ball bearings carry combined radial and axial loads; the contact angle (B = 40°, AC = 25°, C/CD = 15° on super-precision types) sets the axial capacity. Single-row bearings (series 72, 73 and the narrow 70) are normally fitted in pairs — back-to-back (DB), face-to-face (DF) or tandem (DT) — and universally matchable bearings carry the GA/GB suffix. Double-row types (series 32 and 33, e.g. 3205 A-2RS1) replace a matched pair in one width; four-point contact bearings QJ take axial load in both directions. Super-precision series 718, 719, 70 and 72 with P4/P4A tolerance serve machine-tool spindles. Bore is coded as usual (7205 = bore 25 mm, 71810 = bore 50 mm). The finder lists the catalogue by bore with one column per series.

Bore	70	72	73	718 / 719 (super-precision)	32 / 33 (double row)	QJ (four-point)	other
bore up to 25 mm · 6 mm	—	—	—	—	—	—	706ACEGA/P4A, 706CD/HCP4A, 706CD/P4A, 706CD/P4ADBB, 706CD/P4ADGA, 706CDGA/HCP4A, 706CDGA/P4A, 706CDGB/HCP4A
bore up to 25 mm · 7 mm	—	—	—	—	—	—	707ACD/HCP4AH, 707ACD/P4ADBB, 707ACDGA/HCP4A, 707ACDGA/P4A, 707ACDGC/P4A, 707CD/P4ADBA, 707CDGA/P4A, 707CE/HCP4A
bore up to 25 mm · 8 mm	—	—	—	—	—	—	708ACD/HCP4A, 708ACD/HCP4ADGC, 708ACD/P4A, 708ACD/P4ADBB, 708ACD/P4ADGA, 708ACD/P4ADGB, 708ACD/P4ADGC, 708ACDGA/HCP4A
bore up to 25 mm · 9 mm	—	—	—	—	—	—	709ACD/HCP4A, 709ACD/HCP4ADGA, 709ACD/P4A, 709ACD/P4ADBA, 709ACD/P4ADBB, 709ACD/P4ADGB, 709ACDGA/P4A, 709ACDGB/P4A
bore up to 25 mm · 10 mm	7000ACD/P4A, 7000ACD/P4ADGA, 7000ACD/P4ADGD, 7000ACDGA/P4A, 7000ACDGB/P4A, 7000ACDGC/P4A, 7000ACE/HCP4ADGA, 7000ACEGB/P4A	7200BECBP, 7200BEGAP, 7200BEP, 7200ACD/HCP4A, 7200ACD/P4A, 7200ACD/P4ADGA, 7200ACD/P4ADGB, 7200ACD/P4ADT	—	71800ACD/HCP4, 71800ACD/P4, 71800ACD/P4DBB, 71800ACD/P4DFA, 71800ACD/P4DGA, 71800ACD/P4DGB, 71800ACDGA/P4, 71800ACDGB/P4	3200A-2RS1TN9, 3200A-2RS1TN9/C3, 3200A-2RS1TN9/MT33, 3200A-2ZTN9, 3200A-2ZTN9/MT33, 3200ATN9, 3200ATN9/C2/231323, 3200ATN9/C3	—	MRC.5200SBKFF
bore up to 25 mm · 12 mm	7001ACD/P4A, 7001ACD/P4ADBA, 7001ACD/P4ADFC, 7001ACD/P4ADFD, 7001ACD/P4ADGA, 7001ACD/P4ADGB, 7001ACDGA/HCP4A, 7001ACDGA/P4A	7201BECBP, 7201BEGAP, 7201BEP, 7201ACD/P4A, 7201ACD/P4ADBB, 7201ACD/P4ADFA, 7201ACD/P4ADFD, 7201ACD/P4ADGA	7301BE-2RZP, 7301BEP, 7301 BEP	71801ACD/HCP4, 71801ACD/HCP4DGA, 71801ACD/P4, 71801ACD/P4DBB, 71801ACD/P4DGB, 71801ACD/P4DGC, 71801ACD/P4QBCB, 71801ACD/P4TBTM	3201A-2RS1TN9, 3201A-2RS1TN9/C3LHT23, 3201A-2RS1TN9/MT33, 3201A-2ZTN9, 3201A-2ZTN9/GFF, 3201A-2ZTN9/MT33, 3201ATN9	—	MRC.5201SBKZZ

bore up to 25 mm · 12.7 mm	—	—	—	—	—	—	PER.CF5202RYY, PER.CF5202RYY8
bore up to 25 mm · 15 mm	7002ACD/HCP4ADFC, 7002ACD/P4A, 7002ACD/P4ADBA, 7002ACD/P4ADBB, 7002ACD/P4ADGA, 7002ACD/P4ADGB, 7002ACD/P4ADGC, 7002ACD/P4ATBTB	7202BE-2RZP, 7202BECBP, 7202BEGA-2RZP, 7202BEGAP, 7202BEGBP, 7202BEP, 7202ACD/HCP4A, 7202ACD/HCP4ADBD	7302BE-2RZP, 7302BECB-2RZP, 7302BECBP, 7302BEGA-2RZP, 7302BEGAP, 7302BEP	71802ACD/HCP4, 71802ACD/HCP4DT, 71802ACD/P4, 71802ACD/P4DBB, 71802ACD/P4DGA, 71802ACD/P4DGB, 71802ACD/P4DGC, 71802ACDGA/P4	3202A-2RS1TN9, 3202A-2RS1TN9/ C3W64, 3202A-2RS1TN9/MT33, 3202A-2RS1TN9/W64, 3202A-2ZTN9/MT33, 3202A-ZTN9, 3202ATN9, 3202ATN9/C3	—	—
bore up to 25 mm · 16.03 mm	—	—	—	—	—	—	PER.5204RRY2, PER.W5204RRY72
bore up to 25 mm · 16.05 mm	—	—	—	—	—	—	AGHB1647-001-S100
bore up to 25 mm · 16.1 mm	—	—	—	—	—	—	AGHB1647-003-S100, PER.5204RRF57-A
bore up to 25 mm · 16.13 mm	—	—	—	—	—	—	PER.5204RRP50, PER.5204RRP51, PER.W5203RYY59
bore up to 25 mm · 16.25 mm	—	—	—	—	—	—	PER.5204RPP55
bore up to 25 mm · 16.26 mm	—	—	—	—	—	—	PER.5203RPP2, PER.5203RPP2-A, PER.5203RPP54, PER.5203RRR2, PER.5203RSS2, PER.5203RSS2-A, PER.5203RYY2, PER.5203RYY2-A
bore up to 25 mm · 16.8 mm	—	—	—	—	—	—	PER.5203RPP52, PER.5203RPP52-A
bore up to 25 mm · 17 mm	7003/VA9D1, 7003ACD/ HCP4A, 7003ACD/ HCP4ADBD, 7003ACD/ HCP4ADGA, 7003ACD/ P4A, 7003ACD/ P4ADBA, 7003ACD/ P4ADBB, 7003ACD/ P4ADBC	7203BE-2RZP, 7203BECBM, 7203BECBP, 7203BEGAP, 7203BEP, 7203ACD/HCP4A, 7203ACD/HCP4ADBB, 7203ACD/HCP4ADGA	7303BE-2RZP, 7303BECBP, 7303BEGA-2RZP, 7303BEGAP, 7303BEP, 7303 BE-2RZP, 7303 BEP	71803ACD/HCP4DT, 71803ACD/P4, 71803ACDGA/HCP4, 71803ACDGA/P4, 71803ACDGB/P4, 71803CD/HCP4, 71803CD/P4, 71803CD/ P4DBA	3203A-2RS1TN9, 3203A-2RS1TN9/C3, 3203A-2RS1TN9/ C3MT33, 3203A-2RS1TN9/ C3W64, 3203A-2RS1TN9/GWK9, 3203A-2RS1TN9/MT33, 3203A-2ZTN9/C3WT, 3203A-2ZTN9/MT33	—	PER.W5203RRF58
bore up to 25 mm · 20 mm	7004ACD/HCP4ADGA, 7004ACD/P4A, 7004ACD/P4ADBA, 7004ACD/P4ADBB, 7004ACD/P4ADBC, 7004ACD/P4ADBD, 7004ACD/P4ADGA, 7004ACD/P4ADGB	7204ACCBM, 7204BE-2RZP, 7204BECBJ, 7204BECBM, 7204BECBP, 7204BECBY, 7204BEGA-2RZP, 7204BEGAP	7304ACCBM, 7304BE-2RZP, 7304BECBM, 7304BECBP, 7304BECBY, 7304BEGAP, 7304BEP, 7304 BEP	71804ACD/HCP4, 71804ACD/HCP4DGB, 71804ACD/P4, 71804ACD/P4DBA, 71804ACD/P4DGA, 71804ACD/P4DGB, 71804ACD/P4PBCF, 71804ACD/P4QBCC	3204A, 3204A-2RS1, 3204A-2RS1/C3, 3204A-2RS1/C3W64, 3204A-2RS1/MT33, 3204A-2RS1TN9/MT33, 3204A-2Z, 3204A-2Z/C3	—	AGHB2047-001-S100, AGHB2047-002-S100, AGHB2047-S100, AGHB2047-S50, MRC.5204CFF, MRC.5204CZZ, MRC.5304CFF, PER.5204RP52-A
bore up to 25 mm · 22.15 mm	—	—	—	—	—	—	PER.5206RRP50
bore up to 25 mm · 25 mm	7005/VA9D1, 7005ACD/ HCP4A, 7005ACD/ HCP4ADGB, 7005ACD/ P4A, 7005ACD/ P4ADBA, 7005ACD/ P4ADBB, 7005ACD/ P4ADBC, 7005ACD/ P4ADFB	7205 BEP, 7205ACCBM, 7205BE-2RZP, 7205BECBM, 7205BECBP, 7205BECBPH, 7205BECBY, 7205BEGAP	7305ACCBM, 7305BE-2RZP, 7305BECBM, 7305BECBP, 7305BECBY, 7305BEGAP, 7305BEGBP, 7305BEGBY	71805ACD/HCP4, 71805ACD/HCP4DBA, 71805ACD/HCP4DBC, 71805ACD/HCP4DGA, 71805ACD/P4, 71805ACD/P4DBA, 71805ACD/P4DBB, 71805ACD/P4DBC	3205A, 3205A-2RS1, 3205A-2RS1/C3, 3205A-2RS1/ C3LVT114F7, 3205A-2RS1/MT33, 3205A-2RS1/W64, 3205A-2RS1TN9/ C3VT114, 3205A-2RS1TN9/MT33	—	7405BCBM, 7405BM, MRC.5205C, MRC.5205CFF, MRC.5205CZZ, MRC.5305C, MRC.5305CFF, MRC.5305CG

bore 30–55 mm · 30 mm	7006/VA9D1, 7006ACD/ HCP4ADBB, 7006ACD/ P4A, 7006ACD/ P4ADBA, 7006ACD/ P4ADBB, 7006ACD/ P4ADBC, 7006ACD/ P4ADGA, 7006ACD/ P4ADGB	7206 BEP, 7206ACCBM, 7206BE-2RZP, 7206BECBM, 7206BECBP, 7206BECBPH, 7206BECBY, 7206BEGAP	7306ACCBM, 7306BE-2RZP, 7306BE-2RZP/GWF, 7306BECBM, 7306BECBP, 7306BECBY, 7306BEGAM, 7306BEGAP	71806ACD/HCP4, 71806ACD/HCP4DGA, 71806ACD/HCP4DGC, 71806ACD/P4, 71806ACD/P4DBB, 71806ACD/P4DGA, 71806ACD/P4DGB, 71806ACD/P4DT	3206A, 3206A-2RS1, 3206A-2RS1/C3, 3206A-2RS1/ C3LVT114F7, 3206A-2RS1/MT33, 3206A-2RS1/W64, 3206A-2RS1TN9/ C3MT33, 3206A-2RS1TN9/LHT55	—	7406BCBM, 7406BM, MRC.5206C, MRC.5206CFF, MRC.5206CZZ, MRC.5306C, MRC.5306CFF, MRC.5306CG
bore 30–55 mm · 30.15 mm	—	—	—	—	—	—	PER.5206RPP3
bore 30–55 mm · 31.75 mm	—	—	—	—	—	—	PER.W5207HRRB60
bore 30–55 mm · 35 mm	7007/VA9D1, 7007ACD/ HCP4A, 7007ACD/ HCP4ADGA, 7007ACD/ HCP4ADT, 7007ACD/ P4A, 7007ACD/ P4ADBA, 7007ACD/ P4ADBB, 7007ACD/ P4ADBC	7207 BEP, 7207ACCBM, 7207BE-2RZP, 7207BECBM, 7207BECBP, 7207BECBP/W64, 7207BECBY, 7207BEGAM	7307ACCBM, 7307BE-2RZP, 7307BECBM, 7307BECBP, 7307BECBY, 7307BEGAM, 7307BEGAP, 7307BEGAPH	71807ACD/P4DBB, 71807ACD/P4DGA, 71807ACD/P4DGB, 71807ACD/P4TBTTL, 71807ACD/P4TBTM, 71807ACDGA/HCP4, 71807ACDGA/P4, 71807ACDGB/P4	3207A, 3207A-2RS1, 3207A-2RS1/C3, 3207A-2RS1/MT33, 3207A-2RS1/VT143, 3207A-2RS1/W64, 3207A-2RS1TN9/MT33, 3207A-2Z	—	7407BCBM, 7407BM, MRC.5207C, MRC.5207CFF, MRC.5207CZZ, MRC.5307C, MRC.5307CFF, MRC.5307CZZ
bore 30–55 mm · 38.11 mm	—	—	—	—	—	—	PER.5208RSS50
bore 30–55 mm · 38.2 mm	—	—	—	—	—	—	PER.GW5209HYB2
bore 30–55 mm · 40 mm	7008/VA9D1, 7008ACBGA/HCP4A, 7008ACBGA/P4A, 7008ACD/HCP4A, 7008ACD/HCP4ADGA, 7008ACD/HCP4ADGC, 7008ACD/HCP4ALDGA, 7008ACD/P4A	7208 BEP, 7208-BECBP, 7208ACCBM, 7208BE-2RZP, 7208BECBJ, 7208BECBM, 7208BECBM/W64, 7208BECBY	7308ACCBM, 7308BE-2RZP, 7308BE-2RZP/GWF, 7308BECAP, 7308BECBJ, 7308BECBM, 7308BECBP, 7308BECBY	71808ACD/HCP4, 71808ACD/P4, 71808ACD/P4DBA, 71808ACD/P4DBC, 71808ACD/P4DGA, 71808ACD/P4DGB, 71808ACD/P4DGC, 71808ACD/P4DT	3208A, 3208A-2RS1, 3208A-2RS1/C3, 3208A-2RS1/ C3LVT114F7, 3208A-2RS1/C3W64, 3208A-2RS1/MT33, 3208A-2RS1/W64, 3208A-2RS1NR/W64	—	7408BCBM, 7408BGBM, 7408BM, MRC.5208C, MRC.5208CFF, MRC.5208CZZ, MRC.5308C, MRC.5308CFF
bore 30–55 mm · 45 mm	7009ACBGA/P4A, 7009ACD/HCP4ADGA, 7009ACD/HCP4AQBCA, 7009ACD/P4A, 7009ACD/P4ADBA, 7009ACD/P4ADBB, 7009ACD/P4ADBC, 7009ACD/P4ADGA	7209ACCBM, 7209BE-2RZP, 7209BECBJ, 7209BECBM, 7209BECBP, 7209BECBY, 7209BEGAP, 7209BEGAPH	7309ACCBM, 7309BE-2RZP, 7309BECAP, 7309BECBJ, 7309BECBM, 7309BECBM/W64, 7309BECBP, 7309BECBP/W64	71809ACD/P4, 71809ACD/P4DBB, 71809ACD/P4DBC, 71809ACD/P4DGA, 71809ACD/P4DGB, 71809ACD/P4TBTTL, 71809ACDGA/HCP4, 71809ACDGA/P4	3209A, 3209A-2RS1, 3209A-2RS1/C3, 3209A-2RS1/C3W64, 3209A-2RS1/MT33, 3209A-2RS1TN9/MT33, 3209A-2Z, 3209A-2Z/C3	QJ 309 MA	7409BCBM, 7409BGBM, 7409BGM, MRC.5209C, MRC.5209CFF, MRC.5209CZZ, MRC.5309C, MRC.5309CFF
bore 30–55 mm · 50 mm	7010ACBGA/HCP4A, 7010ACBGA/P4A, 7010ACD/HCP4ADGA, 7010ACD/P4A, 7010ACD/P4ADBA, 7010ACD/P4ADBB, 7010ACD/P4ADBC, 7010ACD/P4ADBD	7210 BEP, 7210ACCBM, 7210BE-2RZP, 7210BECBJ, 7210BECBM, 7210BECBP, 7210BECBY, 7210BEGAP	7310ACCBM, 7310BE-2RZP, 7310BECAM, 7310BECBJ, 7310BECBM, 7310BECBM/HC5, 7310BECBP, 7310BECBY	71810ACD/HCP4, 71810ACD/HCP4DT, 71810ACD/P4, 71810ACD/P4DBB, 71810ACD/P4DBC, 71810ACD/P4DGA, 71810ACD/P4DGB, 71810ACD/P4TBTTL	3210A, 3210A-2RS1, 3210A-2RS1/C3, 3210A-2RS1/MT33, 3210A-2RS1/W64, 3210A-2RS1TN9/ C3MT33, 3210A-2RS1TN9/MT33, 3210A-2Z	QJ 310 MA	7410BCBM, 7410BGAM, 7410BM, BA2B636039A, MRC.5210C, MRC.5210CFF, MRC.5210CZZ, MRC.5310C
bore 30–55 mm · 55 mm	7011ACB/HCP4ADGA, 7011ACBGA/HCP4A, 7011ACD/HCP4ADGB, 7011ACD/HCP4ATBTB, 7011ACD/P4A, 7011ACD/P4ADBA, 7011ACD/P4ADBB, 7011ACD/P4ADBC	7211ACCBM, 7211BE-2RZP, 7211BECBJ, 7211BECBM, 7211BECBP, 7211BECBPH, 7211BECBY, 7211BEGAP	7311ACCBM, 7311BEC86P, 7311BECBJ, 7311BECBM, 7311BECBP, 7311BECBPH, 7311BECBY, 7311BECCM	71811ACD/HCP4, 71811ACD/HCP4TBTB, 71811ACD/P4, 71811ACD/P4DBA, 71811ACD/P4DBB, 71811ACD/P4DBC, 71811ACD/P4DGB, 71811ACD/P4QBCB	3211A, 3211A-2RS1, 3211A-2RS1/C3, 3211A-2RS1/MT33, 3211A-2Z, 3211A-2Z/C3, 3211A-2Z/C3MT33, 3211A-2Z/MT33	QJ 211 MA	306775B, 7411BCBM, 7411BGAM, 7411BGBM, 7411BGM, 7411BM, MRC.5211C, MRC.5211CFF

bore 60–100 mm · 60 mm	7012ACBGA/HCP4A, 7012ACBGA/HCP4AL, 7012ACD/HCP4A, 7012ACD/HCP4ADBB, 7012ACD/HCP4ADT, 7012ACD/HCP4AQBCA, 7012ACD/P4A, 7012ACD/P4ADBA	7212ACCBM, 7212BECBJ, 7212BECBM, 7212BECBP, 7212BECBY, 7212BEGAM, 7212BEGAP, 7212BEGBP	7312ACCBM, 7312BECBJ, 7312BECBM, 7312BECBP, 7312BECBPH, 7312BECBY, 7312BECCM, 7312BEGAM	71812ACD/P4, 71812ACD/P4DBA, 71812ACD/P4DBB, 71812ACD/P4DGA, 71812ACD/P4DGB, 71812ACD/P4DGC, 71812ACD/P4QBCA, 71812ACD/P4TBTA	3212A, 3212A-2RS1, 3212A-2RS1/C3, 3212A-2RS1/MT33, 3212A-2RS1/W64, 3212A-2RS1TN9/MT33, 3212A-2Z, 3212A-2Z/C3	QJ 212 MA	7412BCBM, 7412BGAM, 7412BGBM, 7412BM, MRC.5212C, MRC.5212CFF, MRC.5212CZZ, MRC.5312C
bore 60–100 mm · 65 mm	7013ACB/HCP4ADGA, 7013ACBGA/P4A, 7013ACD/HCP4A, 7013ACD/HCP4ADGA, 7013ACD/HCP4ALDGA, 7013ACD/HCP4ALDT, 7013ACD/P4A, 7013ACD/P4ADBA	7213ACCBM, 7213BECBJ, 7213BECBM, 7213BECBP, 7213BECBY, 7213BEGAF, 7213BEGAP, 7213BEGAP/W64	7313ACCBM, 7313BEC86P, 7313BECBF, 7313BECBJ, 7313BECBM, 7313BECBP, 7313BECBY, 7313BECCM	71813ACD/HCP4, 71813ACD/P4DBB, 71813ACD/P4DGA, 71813ACD/P4DGB, 71813ACD/P4DGC, 71813ACD/P4TBTB, 71813ACDGA/HCP4, 71813ACDGA/P4	3213A, 3213A-2RS1/ C3MT33, 3213A-2Z, 3213A-2Z/C3MT33, 3213A/C3, 3313A, 3313A-2Z/C3, 3313A-2Z/ C3MT33	—	307418C, 7413BCBM, 7413BGBM, MRC.5213C, MRC.5313C, MRC.5313CFF
bore 60–100 mm · 70 mm	7014ACB/HCP4ADGA, 7014ACB/HCP4ADT, 7014ACB/HCP4ATGA, 7014ACBGA/HCP4A, 7014ACD/HCP4ADBA, 7014ACD/HCP4ADGA, 7014ACD/HCP4ADT, 7014ACD/HCP4AQBCB	7214ACCBM, 7214BECBJ, 7214BECBM, 7214BECBM/W64, 7214BECBP, 7214BECBPH, 7214BECBY, 7214BEGAF	7314ACCBM, 7314BECBJ, 7314BECBM, 7314BECBP, 7314BECBPH, 7314BECBY, 7314BEGAF, 7314BEGAJ	71814ACD/HCP4, 71814ACD/P4, 71814ACD/P4DBA, 71814ACD/P4DBB, 71814ACD/P4DGA, 71814ACD/P4DGC, 71814ACD/P4QBCA, 71814ACDGA/HCP4	3214A, 3214A-2Z, 3214A-2Z/MT33, 3214A/ C3, 3214ANR/C3, 3314A, 3314A-2Z/C3, 3314A-2ZTN9/C3VT113	—	7414BCBM, 7414BGAM, MRC.5214C, MRC.5314C, MRC.5314CFF, MRC.5314CG
bore 60–100 mm · 75 mm	7015ACD/HCP4ADBB, 7015ACD/HCP4ADGB, 7015ACD/HCP4ATBTB, 7015ACD/P4A, 7015ACD/P4ADBA, 7015ACD/P4ADBB, 7015ACD/P4ADBC, 7015ACD/P4ADFA	7215BECBJ, 7215BECBM, 7215BECBP, 7215BECBY, 7215BEGAM, 7215BEGAP, 7215BEGAY, 7215BEP	7315BEC86P, 7315BECBJ, 7315BECBM, 7315BECBP, 7315BECBY, 7315BEGAM, 7315BEGAP, 7315BEGAP/W64	71815ACD/HCP4, 71815ACD/P4, 71815ACD/P4DFA, 71815ACD/P4QBCB, 71815ACDGA/P4, 71815ACDGB/P4, 71815ACDGC/P4, 71815CD/P4	3215A, 3215A-2RS1, 3215A-2Z/C3MT33, 3215A/C3, 3315A, 3315A-2Z/C3MT33, 3315A/C3, 3215 A	QJ 215 MA, QJ 315 N2MA	7415BCBM, 7415BGAM, 7415BGBM, MRC.5215C, MRC.5315C
bore 60–100 mm · 80 mm	7016ACBGA/HCP4A, 7016ACBGA/P4A, 7016ACD/HCP4ADGA, 7016ACD/HCP4AQBCA, 7016ACD/P4A, 7016ACD/P4ADBA, 7016ACD/P4ADBB, 7016ACD/P4ADBC	7216BECBJ, 7216BECBM, 7216BECBP, 7216BECBY, 7216BECBY/W64, 7216BEGAF, 7216BEGAM, 7216BEGAP	7316BECBJ, 7316BECBM, 7316BECBP, 7316BECBY, 7316BECCM, 7316BEGAM, 7316BEGAP, 7316BEGAY	71816ACD/HCP4, 71816ACD/P4, 71816ACD/P4DBA, 71816ACD/P4DBC, 71816ACD/P4DGA, 71816ACD/P4DGB, 71816ACD/P4DGC, 71816ACD/P4QGB	3216A, 3216A-2Z, 3216A/C3, 3216A/W64, 3316A, 3316A/C3	—	7416CBM, 7416GAM, 7416M, MRC.5216C
bore 60–100 mm · 85 mm	7017ACD/HCP4ADBA, 7017ACD/HCP4ADGA, 7017ACD/HCP4ADGB, 7017ACD/P4A, 7017ACD/P4ADBA, 7017ACD/P4ADBB, 7017ACD/P4ADBC, 7017ACD/P4ADGA	7217BECBJ, 7217BECBM, 7217BECBP, 7217BECBY, 7217BEGAF, 7217BEGAP, 7217BEP, 7217ACD/HCP4ADBC	7317BECBF, 7317BECBJ, 7317BECBM, 7317BECBP, 7317BECBY, 7317BECCM, 7317BEGAF, 7317BEGAM	71817ACD/P4, 71817ACD/P4DBA, 71817ACD/P4DGA, 71817ACD/P4DGB, 71817ACD/P4DGC, 71817ACDGA/P4, 71817ACDGB/P4, 71817ACDGC/P4	3217A, 3217A/C3, 3217A/W64, 3317A, 3317A/C3	—	7417BACBMC, 7417BAGAMC, MRC.5217C, MRC.5317C
bore 60–100 mm · 90 mm	7018ACD/HCP4A, 7018ACD/HCP4ADGA, 7018ACD/HCP4ADGC, 7018ACD/HCP4ALDT, 7018ACD/HCP4ATBTA, 7018ACD/HCP4ATBTC, 7018ACD/P4A, 7018ACD/P4ADBA	7218BECBJ, 7218BECBM, 7218BECBP, 7218BECBY, 7218BECCM, 7218BEGAF, 7218BEGAM, 7218BEGAP	7318BECBJ, 7318BECBM, 7318BECBP, 7318BECBY, 7318BEGAM, 7318BEGAP, 7318BEGAPH, 7318BEGAY	71818ACD/HCP4, 71818ACD/P4, 71818ACD/P4DBA, 71818ACD/P4DGA, 71818ACD/P4DGB, 71818ACD/P4DGC, 71818ACDGA/P4, 71818ACDGB/P4	3218A, 3218A/C3, 3318A, 3318A/C3, 3318A/C3VQ294, 3318ATN9/C3, 3318DMA/ VB188	—	7418CBM, 7418GAM, MRC.5218C, MRC.5318C

bore 60–100 mm · 95 mm	7019ACB/HCP4ADGA, 7019ACD/HCP4ATBTB, 7019ACD/HCP4ATBTC, 7019ACD/P4A, 7019ACD/P4ADBA, 7019ACD/P4ADBB, 7019ACD/P4ADBC, 7019ACD/P4ADGA	7219BECBM, 7219BECBP, 7219BECBY, 7219BEGAM, 7219BEP, 7219ACD/P4A, 7219ACD/P4ADBC, 7219ACD/P4ADGA	7319BECBM, 7319BECBP, 7319BECBY, 7319BEGAF, 7319BEGAM, 7319BEGAP, 7319BEGAY, 7319BEGBY	71819ACD/P4, 71819ACD/P4DGA, 71819ACD/P4DGB, 71819ACD/P4DGC, 71819ACDGA/P4, 71819ACDGB/P4, 71819ACDGC/P4, 71819CD/HCP4DBA	3219A, 3219A/C3, 3219A/W64, 3319A, 3319A-2ZTN9/C3VT113, 3319A/C3	—	7419GAM, MRC.5219C, MRC.5319C
bore 60–100 mm · 100 mm	7020ACB/HCP4AQBCA, 7020ACD/HCP4A, 7020ACD/HCP4ADBA, 7020ACD/HCP4ADGA, 7020ACD/HCP4ADGB, 7020ACD/HCP4ADGC, 7020ACD/HCP4ALDGA, 7020ACD/HCP4ALQBCC	7220BECBM, 7220BECBP, 7220BECBY, 7220BECCM, 7220BEGAM, 7220BEGAP, 7220BEGAY, 7220BEP	7320BECBM, 7320BECBP, 7320BECBY, 7320BECCM, 7320BEGAF, 7320BEGAM, 7320BEGAP, 7320BEM	71820ACD/HCP4, 71820ACD/P4DBA, 71820ACD/P4DBC, 71820ACD/P4DGA, 71820ACD/P4DGB, 71820ACD/P4DGC, 71820ACDGA/P4, 71820ACDGB/P4	3220A, 3220A/C3, 3220A/C3W64, 3220A/ W64, 3320A, 3320A/C3	—	7420CBM, MRC.5320C
bore 60–100 mm · 105 mm	7021ACD/HCP4ALDGA, 7021ACD/HCP4AQBCD, 7021ACD/HCP4ATBTA, 7021ACD/P4ADBA, 7021ACD/P4ADBB, 7021ACD/P4ADBD, 7021ACD/P4ADGA, 7021ACD/P4ADGB	7221BECBM, 7221BECBP, 7221BEP, 7221ACD/P4A, 7221ACDGA/P4A, 7221ACDGB/P4A, 7221CD/P4ADGA, 7221CDGA/P4A	7321BECBM, 7321BECBP, 7321BEGAM, 7321BEP	71821ACD/HCP4DBA, 71821ACD/P4, 71821ACD/P4DBA, 71821ACD/P4DGA, 71821ACD/P4DGB, 71821ACD/P4DGC, 71821ACDGA/P4, 71821ACDGC/P4	—	—	—
bore 60–100 mm · 106 mm	—	—	—	—	—	—	307438A
bore 110–200 mm · 110 mm	7022ACD/HCP4ADGA, 7022ACD/HCP4ALDGA, 7022ACD/P4A, 7022ACD/P4ADBA, 7022ACD/P4ADBC, 7022ACD/P4ADGA, 7022ACD/P4ADGB, 7022ACD/P4ADGC	7222BECBM, 7222BECBP, 7222BECBY, 7222BECCM, 7222BEGAF, 7222BEP, 7222ACD/P4A, 7222ACD/P4ADBA	7322BECBM, 7322BECBP, 7322BECBY, 7322BECCM, 7322BEGAM, 7322BEGBM, 7322BEM, 7322BEP	71822ACD/P4, 71822ACD/P4DBA, 71822ACD/P4DBC, 71822ACD/P4DGA, 71822ACD/P4DGB, 71822ACD/P4DGC, 71822ACDGA/P4, 71822ACDGB/P4	3222A, 3222A/C3, 3322A, 3322A/C3	—	—
bore 110–200 mm · 120 mm	7024BGM, 7024ACD/ HCP4ADBB, 7024ACD/ HCP4ADGA, 7024ACD/ HCP4ATBTB, 7024ACD/ P4A, 7024ACD/ P4ADBA, 7024ACD/ P4ADBB, 7024ACD/ P4ADBC	7224BCBM, 7224BGAM, 7224BM, 7224ACD/P4A, 7224ACD/P4ADBA, 7224ACD/P4ADGA, 7224ACD/P4ADGB, 7224ACD/P4ADT	7324BCBM, 7324BGAM, 7324BGBM	71824ACD/P4, 71824ACD/P4DBA, 71824ACD/P4DGA, 71824ACD/P4DGB, 71824ACD/P4DGC, 71824ACDGA/HCP4, 71824ACDGA/P4, 71824ACDGB/P4	—	—	305256D
bore 110–200 mm · 130 mm	7026ACD/HCP4ADGA, 7026ACD/P4A, 7026ACD/P4ADBA, 7026ACD/P4ADBB, 7026ACD/P4ADBC, 7026ACD/P4ADGA, 7026ACD/P4ADGB, 7026ACD/P4ADGC	7226BCBM, 7226BCBM/ HC5, 7226BGAM, 7226BM, 7226ACD/P4A, 7226ACD/P4ADGA, 7226ACD/P4ADGB, 7226ACDGA/P4A	7326BCBM, 7326BGAM, 7326BM	71826ACD/P4, 71826ACD/P4DGA, 71826ACD/P4DGB, 71826ACD/P4DGC, 71826ACD/P4QCB, 71826ACD/P4TGB, 71826ACD/P4TGC, 71826ACDGA/P4	—	—	—
bore 110–200 mm · 140 mm	7028BGM, 7028ACD/ HCP4ADGA, 7028ACD/ P4A, 7028ACD/ P4ADBA, 7028ACD/ P4ADBB, 7028ACD/ P4ADGA, 7028ACD/ P4ADGB, 7028ACD/ P4ADGC	7228BCBM, 7228BGAM, 7228BM, 7228ACD/P4A, 7228ACDGA/P4A, 7228CD/P4A, 7228CD/ P4ADGC, 7228CDGA/ P4A	7328BCBM, 7328BGAM	71828ACD/P4, 71828ACD/P4DGA, 71828ACD/P4DGB, 71828ACD/P4DGC, 71828ACDGA/HCP4, 71828ACDGA/P4, 71828ACDGB/P4, 71828ACDGC/P4	—	QJ 228 N2MA	—

bore 110–200 mm · 150 mm	7030BGM, 7030ACD/ P4A, 7030ACD/ P4ADBA, 7030ACD/ P4ADBB, 7030ACD/ P4ADBC, 7030ACD/ P4ADGA, 7030ACD/ P4ADGB, 7030ACD/ P4ADT	7230BCBM, 7230BGAM	7330BCBM, 7330BGAM	71830ACD/P4, 71830ACD/P4DBB, 71830ACD/P4DGA, 71830ACD/P4DGB, 71830ACDGA/HCP4, 71830ACDGA/P4, 71830ACDGB/P4, 71830ACDGC/P4	—	—	305283D, 305283DA, 305286D
bore 110–200 mm · 160 mm	7032ACD/HCP4A, 7032ACD/P4A, 7032ACD/P4ADBA, 7032ACD/P4ADBB, 7032ACD/P4ADGA, 7032ACD/P4ADGB, 7032ACD/P4AQBCA, 7032ACD/P4ATBTA	7232BCBM, 7232BGAM	7332BCBM	71932ACD/HCP4ADGA, 71932ACD/HCP4ADT, 71932ACD/P4A, 71932ACD/P4ADBA, 71932ACD/P4ADBB, 71932ACD/P4ADBC, 71932ACD/P4ADGA, 71932ACD/P4AQBCA	—	—	305183, 305608, 305608B
bore 110–200 mm · 170 mm	7034ACD/HCP4ADGA, 7034ACD/HCP4ATGA, 7034ACD/P4A, 7034ACD/P4ADBA, 7034ACD/P4ATBTA, 7034ACD/P4ATGA, 7034ACDGA/P4A, 7034ACDGB/P4A	7234BCBM	7334BCBM	71934ACD/HCP4ADGA, 71934ACD/HCP4ADT, 71934ACD/P4A, 71934ACD/P4ADBA, 71934ACD/P4ADBD, 71934ACD/P4ADGA, 71934ACD/P4AQBCB, 71934ACD/P4ATBTA	—	—	305180
bore 110–200 mm · 180 mm	7036BGM, 7036ACD/ P4A, 7036ACD/ P4ADBA, 7036ACD/ P4ADBB, 7036ACD/ P4ADGA, 7036ACD/ P4ADGB, 7036ACD/ P4AQBCC, 7036ACD/ P4ATBTA	7236BCAM, 7236BCBM	7336BCBM	71936ACD/HCP4ATGA, 71936ACD/P4A, 71936ACD/P4ADBA, 71936ACD/P4ADBC, 71936ACD/P4ADGA, 71936ACD/P4ADGB, 71936ACD/P4AQBCA, 71936ACD/P4AQBCC	—	—	305262D
bore 110–200 mm · 190 mm	7038ACD/P4A, 7038ACD/P4ADBA, 7038ACD/P4AQBCC, 7038ACD/P4ATBTA, 7038ACDGA/P4A, 7038ACDGC/P4A, 7038CD/P4A, 7038CD/ P4ADGA	7238BCBM	7338BCBM	71938ACD/P4A, 71938ACD/P4ADBA, 71938ACD/P4ADBB, 71938ACD/P4ADGA, 71938ACD/P4ADGB, 71938ACDGA/P4A, 71938ACDGB/P4A, 71938CD/HCP4ADGA	—	—	305338D
bore 110–200 mm · 200 mm	7040BGM, 7040ACD/ P4A, 7040ACD/ P4ADBA, 7040ACD/ P4ADBB, 7040ACD/ P4ADGB, 7040ACD/ P4ADGC, 7040ACD/ P4AQGB, 7040ACDGA/ P4A	7240BCBM	7340BCBM	71940ACD/ HCP4AQBCB, 71940ACD/P4A, 71940ACD/P4ADBA, 71940ACD/P4ADBB, 71940ACD/P4ADGA, 71940ACD/P4ADGB, 71940ACD/P4ADGC, 71940ACD/P4ATBTB	—	—	305263D, 305263DA, 305428D
bore above 200 mm · 220 mm	7044BGM, 7044ACD/ P4A, 7044ACD/ P4ADBA, 7044ACD/ P4ADBB, 7044ACD/ P4ADGA, 7044ACD/ P4ADGB, 7044ACD/ P4ATBTB, 7044ACDGA/ P4A	7244BCBM	7344BCBM	71944ACD/P4A, 71944ACD/P4ADBA, 71944ACD/P4ADBC, 71944ACD/P4ADGA, 71944ACD/P4ADGB, 71944ACD/P4ADGD, 71944ACD/P4AQBCA, 71944ACD/P4AQBTB	—	—	305272D, 305272DA
bore above 200 mm · 230 mm	—	—	—	—	—	—	305264D

bore above 200 mm · 240 mm	7048BGM, 7048ACD/ P4A, 7048ACD/ P4ADBA, 7048ACD/ P4ADGA, 7048ACD/ P4ADGB, 7048ACD/ P4ATBTB, 7048ACDGA/ P4A, 7048CD/P4A	7248BCBM	7348BCBM	71948ACD/HCP4ADGA, 71948ACD/ HCP4AQBCA, 71948ACD/P4A, 71948ACD/P4ADBB, 71948ACD/P4ADBC, 71948ACD/P4ADBD, 71948ACD/P4ADGA, 71948ACD/P4ADGB	—	—	—
bore above 200 mm · 260 mm	7052ACD/P4A, 7052ACD/P4ADGB	7252BCBM	—	71952ACD/P4A, 71952ACD/P4ADBA, 71952ACD/P4ADBB, 71952ACD/P4ADBC, 71952ACD/P4ADGA, 71952ACD/P4AQBCA, 71952ACD/P4ATBTB, 71952ACDGA/P4A	—	—	305270D
bore above 200 mm · 280 mm	7056BGM	7256BM	—	71956ACD/HCP4ADGA, 71956ACD/P4A, 71956ACD/P4ADGA, 71956ACD/P4ATBTB, 71956ACD/P4ATGB, 71956ACDGA/P4A, 71956CD/P4A, 71956CD/ P4ATBTA	—	—	305269D
bore above 200 mm · 300 mm	7060BGM	7260BCBM	—	71960ACDMA/P4A, 71960CDMA/P4A	—	—	—
bore above 200 mm · 320 mm	—	7264BCBM	—	—	—	—	—
bore above 200 mm · 340 mm	7068BGM	—	—	71968CDMA/P4A	—	—	—
bore above 200 mm · 360 mm	7072BGM	—	—	71972ACMB, 71972CDMA/P4A	—	—	—
bore above 200 mm · 380 mm	—	—	—	71876ACGAMB, 71976ACGAMB	—	—	70876AMB
bore above 200 mm · 400 mm	—	—	—	71980AM	—	—	—
bore above 200 mm · 420 mm	7084BGM	—	—	—	—	—	—
bore above 200 mm · 440 mm	—	—	—	71988ACMB	—	—	—
bore above 200 mm · 460 mm	7092AM	—	—	71892AGMB, 71892AMB/ P5	—	—	70892AM
bore above 200 mm · 500 mm	—	—	—	—	—	—	70/500BM, 708/500AMB, 718/500AGMB, 719/500AGMB
bore above 200 mm · 530 mm	—	—	—	—	—	—	718/530AMB/P5, 719/530ACM
bore above 200 mm · 560 mm	—	—	—	—	—	—	719/560AMB
bore above 200 mm · 600 mm	—	—	—	—	—	—	708/600AGMB
bore above 200 mm · 670 mm	—	—	—	—	—	—	718/670AMB/P5
bore above 200 mm · 710 mm	—	—	—	—	—	—	718/710AMB
bore above 200 mm · 750 mm	—	—	—	—	—	—	718/750AGMB
bore above 200 mm · 762 mm	—	—	—	—	—	—	BA1B311576
bore above 200 mm · 850 mm	—	—	—	—	—	—	718/850AMB
bore above 200 mm · 1000 mm	—	—	—	—	—	—	718/1000AMB

