

Spherical Roller Bearing Finder — by Bore and Series (213, 222, 223, 230, 231, 232, 239, 240, 241) SKF

cBallast Technical Sourcing · generated 2026-09-29 · cballast.com/documents/spherical-roller-bearing-finder-by-bore-and-series-213-222-223-230-231-232-239-240-skf · first 61 rows; the full table is online

Spherical roller bearings carry heavy radial and moderate axial loads and tolerate shaft misalignment of about 1–2°. The designation gives the series and the bore: the last two digits multiplied by five is the bore in millimetres from 20 mm upward (22212 = series 222, bore 60 mm); series 213 and 223 are wide, 222 medium, 230/239/240 low-section for large shafts. Suffixes describe the design (E = SKF Explorer with steel cage, CC/CA = machined cages, K = tapered bore 1:12 for adapter sleeves, W33 = lubrication groove, C3 = increased clearance). The finder lists the catalogue by bore with one column per series so the same bore can be matched across widths and load ratings.

Bore	213	222	223	230	231	232	238 / 239	240 / 241	other / special
bore up to 25 mm · 25 mm	21305CC, 21305CC/C3, 21305 CC	22205 E, 22205/20E, 22205/ C3W33VA9A1, 22205/W33VA9A1, 22205E/C2, 22205E/C3, 22205E/C3VQ335, 22205EK	—	—	—	—	—	—	BS2-2205-2RS/ GFP9VA944, BS2-2205-2RS/ VT143
bore 30–55 mm · 30 mm	21306CC, 21306CC/C3	22206 E, 22206/ C3W33VA9A1, 22206/W33VA9A1, 22206E/C2, 22206E/C3, 22206E/C4, 22206EK, 22206EK/C3	—	—	—	—	—	—	BS2-2206-2RS/ GEN6, BS2-2206-2RS/ GFP9VA944, BS2-2206-2RS/ VT143, BS2-2206-2RS/ VT1898, BS2-2206-2RS5/ GWZ
bore 30–55 mm · 35 mm	21307CC, 21307CC/C2, 21307CC/C3, 21307 CC	22207/ C3W33VA9A1, 22207/W33VA9A1, 22207E, 22207E/ C2, 22207E/C3, 22207E/C3VQ335, 22207E/C4, 22207EK	—	—	—	—	—	—	BS2-2207-2RS/ GFP9VA944, BS2-2207-2RS/ VT143, BS2-2207-2RS/ VT1898, BS2-2207-RS
bore 30–55 mm · 40 mm	21308E, 21308E/ C3, 21308EKW, 21308EW, 21308EW/C3, 21308 EKW	22208 E, 22208- EK, 22208/ C3W33VA9A1, 22208/W33VA9A1, 22208E/C2, 22208E/C3, 22208E/C4, 22208EK/C3	22308E, 22308E/ C2, 22308E/C3, 22308E/C4, 22308E/VA405, 22308EK, 22308EK/C3, 22308EN/VB238	—	—	—	—	—	BS2-2208-2RS/ C3VT143, BS2-2208-2RS/ GEM9, BS2-2208-2RS/ GFP9VA944, BS2-2208-2RS/ VT143, BS2-2208-2RS/ VT143C, BS2-2208-2RS5/ C4GEM9, BS2-2208-2RSK/ GEA, BS2-2208-2RSK/ VT143
bore 30–55 mm · 41.28 mm	—	—	—	—	—	—	—	—	24780/24720, 24780/24720/Q, 24780/Q, PER.24780, PER.24780/20

bore 30–55 mm · 45 mm	21309E, 21309E/ C3, 21309EK, 21309EK/C3, 21309 E, 21309 EK/C3	22209/ C3W33VA9A1, 22209/W33VA9A1, 22209E, 22209E/ C3, 22209E/C4, 22209EK, 22209EK/C3, 22209EK/C4	22309E, 22309E/ C3, 22309E/C4, 22309E/VA405, 22309EK, 22309EK/C3, 22309 EK, 22309 E	—	—	—	—	—	BS2-2209-2RS/ C3VT143, BS2-2209-2RS/ GFP9VA944, BS2-2209-2RS/ VT143, BS2-2209-2RS5/ C4GEM9, BS2-2209-2RSK/ VT143
bore 30–55 mm · 50 mm	21310E, 21310E/ C3, 21310EK, 21310EK/C3, 21310 E	22210 E, 22210/ C3W33VA9A1, 22210/W33VA9A1, 22210E/C2, 22210E/C3, 22210E/C4, 22210EK, 22210EK/C3	22310 E, 22310E/ C1, 22310E/C3, 22310E/C4, 22310E/VA405, 22310EK, 22310EK/ C2LVG004, 22310EK/C3	—	—	—	—	—	BS2-2210-2RS/ GFP9VA944, BS2-2210-2RS/ GWZ, BS2-2210-2RS/ VT143, BS2-2210-2RS5/ C4GEM9, BS2-2210-2RSK/ VT143, BS2-2210-2RSK/ VT1898
bore 30–55 mm · 55 mm	21311E, 21311E/ C3, 21311EK, 21311EK/C3, 21311 EK/C3, 21311 EK	22211/ C3W33VA9A1, 22211/W33VA9A1, 22211E, 22211E/ C3, 22211E/C4, 22211EK, 22211EK/C3, 22211EK/C4	22311E, 22311E/ C2, 22311E/C3, 22311E/C4, 22311E/VA405, 22311EK, 22311EK/C3, 22311EK/VA405	—	—	—	—	—	BS2-2211-2RS/ C3VT143, BS2-2211-2RS/ GFP9VA944, BS2-2211-2RS/ VT143, BS2-2211-2RS/ VT143C, BS2-2211-2RS5/ C4GEM9, BS2-2211-2RSK/ VT143
bore 60–100 mm · 60 mm	21312E, 21312E/ C3, 21312E/C4, 21312EK, 21312EK/C3, 21312 E	22212 E, 22212/ C3W33VA9A1, 22212/W33VA9A1, 22212E/C2, 22212E/C3, 22212E/C4, 22212EK, 22212EK/C2	22312 E/C3, 22312E, 22312E/ C1, 22312E/C2, 22312E/C4, 22312E/VA405, 22312EK, 22312EK/C3	—	—	—	—	—	BS2-2212-2RS/ GFP9VA944, BS2-2212-2RS/ VT143, BS2-2212-2RS5/ C3GEM9, BS2-2212-2RS5/ C4GEM9, BS2-2212-2RS5/ GLE, BS2-2212-2RSK/ VT143
bore 60–100 mm · 65 mm	21313E, 21313E/ C3, 21313EK, 21313EK/C3	22213-EK, 22213/ C3W33VA9A1, 22213/W33VA9A1, 22213E, 22213E/ C2, 22213E/C3, 22213E/C4, 22213EK/C3	22313E, 22313E/ C3, 22313E/C4, 22313E/VA405, 22313EK, 22313EK/C3, 22313EK/C4, 22313EK/VA405	—	—	—	—	24013-2RS5W/ C3S3GEM9, 24013-2RS5W/ C3S3VT143B, 24013-2RS5W/ C3VT143, 24013-2RS5W/ VT143, 24013CC/ C4W33/255927, 24013CC/ W33/255927	BS2-2213-2RS/ GEA9, BS2-2213-2RS/ GFP9VA944

bore 60–100 mm · 70 mm	21314E, 21314E/ C3, 21314EK	22214/ C3W33VA9A1, 22214/ C4W33VA9A1, 22214/W33VA9A1, 22214E, 22214E/ C3, 22214E/C4, 22214EK, 22214EK/C3	22314E, 22314E/ C1, 22314E/C2, 22314E/C3, 22314E/C4, 22314E/VA405, 22314EK, 22314EK/C3	—	—	—	—	—	—
bore 60–100 mm · 75 mm	21315E, 21315E/ C3, 21315EK, 21315EK/C3	22215 E, 22215/ C3W33VA9A1, 22215/ C4W33VA9A1, 22215/W33VA9A1, 22215E/C2, 22215E/C3, 22215E/C4, 22215E/C5	22315E, 22315E/ C2, 22315E/C3, 22315E/C4, 22315EJA/VA405, 22315EK, 22315EK/C3, 22315EKJA/VA405	—	—	—	—	24015-2RS5/ C3GEM9, 24015-2RS5/ VT143, 24015-2RS5/ VT143C, 24015CC/ C3W33, 24015CC/ C4W33, 24015CC/ W33	—
bore 60–100 mm · 80 mm	21316E, 21316E/ C3, 21316EK, 21316EK/C3	22216/ C3W33VA9A1, 22216/ C4W33VA9A1, 22216/W33VA9A1, 22216E, 22216E/ C2, 22216E/C3, 22216E/C4, 22216EK	22316 E, 22316E/ C1, 22316E/C3, 22316E/C4, 22316EJA/VA405, 22316EK, 22316EK/C3, 22316EK/C4	—	—	—	—	—	—
bore 60–100 mm · 85 mm	21317E, 21317E/ C3, 21317EK, 21317EK/C3	22217/ C3W33VA9A1, 22217/ C4W33VA9A1, 22217/W33VA9A1, 22217E, 22217E/ C2, 22217E/C3, 22217E/C4, 22217EK	22317E, 22317E/ C2, 22317E/C3, 22317E/C4, 22317EJA/VA405, 22317EJA/VA406, 22317EK, 22317EK/C2	—	—	—	—	—	—
bore 60–100 mm · 90 mm	21318E, 21318E/ C3, 21318EK, 21318EK/C3, 21318 E, 21318 E/ C3	22218/ C3W33VA9A1, 22218/ C4W33VA9A1, 22218/W33VA9A1, 22218E, 22218E/ C103H, 22218E/ C2, 22218E/C3, 22218E/C4	22318E, 22318E/ C3, 22318E/C4, 22318EJA/VA405, 22318EK, 22318EK/C3, 22318EKJA/ VA405, 22318 E/ C3	—	—	23218CC/C3, 23218CC/C3W33, 23218CC/C4W33, 23218CC/W33, 23218CCK/ C3W33, 23218CCK/W33, 23218 CCK/ C3W33, 23218 CC/ W33	—	—	—
bore 60–100 mm · 95 mm	21319E, 21319E/ C3, 21319EK	22219/ C3W33VA9A1, 22219/ C4W33VA9A1, 22219/W33VA9A1, 22219E, 22219E/ C3, 22219E/C4, 22219EK, 22219EK/C3	22319E, 22319E/ C2, 22319E/C3, 22319EJA/VA405, 22319EK, 22319EK/C3, 22319EKJA/ VA405, 22319EWJA/VA405	—	—	—	—	—	452319M2/W502

bore 60–100 mm · 100 mm	21320E, 21320E/ C3, 21320EK	22220 E, 22220/ C3W33VA9A1, 22220/ C4W33VA9A1, 22220/W33VA9A1, 22220E/C2, 22220E/C3, 22220E/C4, 22220EK	22320 E, 22320E/ C3, 22320E/C4, 22320EJA/VA405, 22320EJA/VA406, 22320EK, 22320EK/C2, 22320EK/C3	—	23120-2RS5/ C3VT143B, 23120-2RS5/ VT143, 23120-2RS5/ VT143B, 23120-2RS5W/ C4GEM9, 23120-2RS5W/ GEM9, 23120/ C3W33VA9B1, 23120/ C4W33VA9B1, 23120CC/C3W33	23220-2RS/ C3VT143, 23220-2RS/ VT143, 23220-2RS5/ C4GEM9, 23220-2RS5/ VT143, 23220/ C3W33VA9B1, 23220/ C4W33VA9B1, 23220CC/C2W33, 23220CC/C3W33	—	24020-2RS5/ C3GEM9, 24020-2RS5/ VT143, 24020-2RS5/ VT143B, 24020-2RS5W/ GEM9, 24020CC/ C3W33, 24020CC/ W33, 24120CC/ C3W33, 24120CC/ W33	PER.24720
bore 110–200 mm · 110 mm	—	22222/ C3W33VA9A1, 22222/ C4W33VA9A1, 22222/W33VA9A1, 22222E, 22222E/ C2, 22222E/C3, 22222E/C4, 22222EK	22322E, 22322E/ C3, 22322E/C4, 22322EJA/VA405, 22322EJA/VA406, 22322EK, 22322EK/C2, 22322EK/C3	23022-2RS/ C3VT143, 23022-2RS/ VT143, 23022CC/ C3W33, 23022CC/ C4W33, 23022CC/ W33, 23022CCK/ C3W33, 23022CCK/W33, 23022 CC/W33	23122-2CS5/ VT143, 23122-2CS5K/ VT143, 23122/ C3W33VA9B1, 23122/ C4W33VA9B1, 23122CC/C3W33, 23122CC/ C3W509, 23122CC/C4W33, 23122CC/W33	23222-2CS5/ VT143, 23222-2CS5K/ VT143, 23222CC/ C3W33, 23222CC/ C4W33, 23222CC/ W33, 23222CCK/ C2W33, 23222CCK/ C3W33, 23222CCK/C4W33	—	24022/ C3W33VA9B1, 24022/ C4W33VA9B1, 24022CC/C3W33, 24022CC/C4W33, 24022CC/W33, 24122-2CS5/ VT143, 24122-2CS5/ VT143C, 24122-2CS5W/ C4GEM9	452322M2/W502
bore 110–200 mm · 120 mm	—	22224/ C3W33VA9A1, 22224/ C4W33VA9A1, 22224/W33VA9A1, 22224E, 22224E/ C3, 22224E/C4, 22224EK, 22224EK/C3	22324-2CS5/ VT143, 22324-2CS5K/ VT143, 22324/ C3W33VA9B1, 22324/ C4W33VA9B1, 22324CC/C2W33, 22324CC/C3W33, 22324CC/ C3W33VE194, 22324CC/W33	23024-2RS5/ VT143, 23024-2RS5/ VT143B, 23024-2RS5W/ C4GEM9, 23024CC/C2W33, 23024CC/C3W33, 23024CC/C4W33, 23024CC/C5W33, 23024CC/W33	23124-2CS5/ VT143, 23124-2CS5K/ VT143, 23124CC/ C3W33, 23124CC/ C4W33, 23124CC/ W33, 23124CCK/ C3W33, 23124CCK/ C4W33, 23124CCK/W33	23224-2CS5/ VT143, 23224-2CS5K/ VT143, 23224CC/ C2W33, 23224CC/ C3W33, 23224CC/ W33, 23224CCK/ C3W33, 23224CCK/W33, 23224 CC/W33	—	24024-2CS5/ C3VT143, 24024-2CS5/ VT143, 24024-2CS5/ VT143C, 24024-2CS5W/ GEM9, 24024/ C3W33VA9B1, 24024/ C4W33VA9B1, 24024CC/C3W33, 24024CC/C4W33	452324M2/W502
bore 110–200 mm · 130 mm	—	22226/ C3W33VA9A1, 22226/W33VA9A1, 22226E, 22226E/ C2, 22226E/C3, 22226E/C4, 22226E/VQ120, 22226EK	22326-2CS5/ VT143, 22326-2CS5K/ VT143, 22326CC/ C3W33, 22326CC/ C3W502, 22326CC/ C3W513, 22326CC/C4W33, 22326CC/W33, 22326CCJA/ W33VA405	23026-2CS5/ VT143, 23026-2CS5K/ VT143, 23026-2CS5W/ GEM9, 23026CC/ C2W33, 23026CC/ C3W33, 23026CC/ C4W33, 23026CC/ W33, 23026CCK/ C3W33	23126-2CS5/ VT143, 23126-2CS5K/ VT143, 23126CC/ C3W33, 23126CC/ C4W33, 23126CC/ W33, 23126CCK/ C3W33, 23126CCK/W33, 23126 CC/W33	23226-2CS5/ VT143, 23226-2CS5K/ VT143, 23226CC/ C2MW33, 23226CC/C3W33, 23226CC/C4W33, 23226CC/W33, 23226CCK/ C3W33, 23226CCK/W33	—	24026-2CS5/ VT143, 24026-2CS5W/ C4GEM9, 24026/ C3W33VA9B1, 24026/ C4W33VA9B1, 24026CC/C3W33, 24026CC/C4W33, 24026CC/W33, 24026CCK30/ C3W33	229750J/C3R505

bore 110–200 mm · 140 mm	—	22228-2CS5/ C3VT143, 22228-2CS5/ VT143, 22228-2CS5K/ C3VT143, 22228-2CS5K/ VT143, 22228/ C3W33VA9A1, 22228CC/C2W33, 22228CC/C3W33	22328-2CS5/ VT143, 22328-2CS5K/ VT143, 22328CC/ C3W33, 22328CC/ C3W502, 22328CC/C4W33, 22328CC/W33, 22328CCJA/ W33VA405, 22328CCJA/ W33VA406	23028-2CS5/ VT143, 23028-2CS5K/ VT143, 23028CC/ C2W33, 23028CC/ C3W33, 23028CC/ C3W33VE194, 23028CC/C4W33, 23028CC/W33, 23028CCK/C2W33	23128-2CS5/ VT143, 23128-2CS5K/ VT143, 23128CC/ C3W33, 23128CC/ C4W33, 23128CC/ W33, 23128CCK/ C082W33, 23128CCK/ C3W33, 23128CCK/W33	23228-2CS5/ VT143, 23228-2CS5K/ VT143, 23228CC/ C2W33, 23228CC/ C3W33, 23228CC/ C3W513, 23228CC/W33, 23228CCK/ C082W33, 23228CCK/C3W33	—	24028-2CS5/ VT143, 24028-2CS5W/ C4GEM9, 24028-2CS5W/ GEM9, 24028/ C3W33VA9B1, 24028/ C4W33VA9B1, 24028CC/C3W33, 24028CC/C4W33, 24028CC/W33	452328M2/W502, 453328M2/W502
bore 110–200 mm · 150 mm	—	22230-2CS5/ VT143, 22230-2CS5K/ VT143, 22230/ C3W33VA9A1, 22230/W33VA9A1, 22230CC/C2W33, 22230CC/C3W33, 22230CC/C4W33, 22230CC/W33	22330-2CS5/ VT143, 22330-2CS5K/ VT143, 22330CC/ C3W33, 22330CC/ C3W502, 22330CC/ C3W509, 22330CC/C4W33, 22330CC/W33, 22330CCJA/ W33VA405	23030-2CS5/ VT143, 23030-2CS5K/ VT143, 23030/ C3W33VA9B1, 23030/ C4W33VA9B1, 23030CC/C2W33, 23030CC/C3W33, 23030CC/C4W33, 23030CC/W33	23130-2CS5/ VT143, 23130-2CS5K/ VT143, 23130CC/ C3W33, 23130CC/ C4W33, 23130CC/ W33, 23130CCK/ C3W33, 23130CCK/ C4W33, 23130CCK/W33	23230-2CS5/ VT143, 23230-2CS5K/ VT143, 23230CC/ C3W33, 23230CC/ W33, 23230CCK/ C082W33, 23230CCK/ C3W33, 23230CCK/ C4W33, 23230CCK/W33	—	24030-2CS5/ VT143, 24030-2CS5W/ C3GEM9, 24030/ C3W33VA9B1, 24030/ C4W33VA9B1, 24030CC/C3W33, 24030CC/C4W33, 24030CC/W33, 24030CCK30/ C3W33	—
bore 110–200 mm · 160 mm	—	22232-2CS5/ VT143, 22232-2CS5K/ VT143, 22232/ C3W33VA9A1, 22232/W33VA9A1, 22232CC/C3W33, 22232CC/C4W33, 22232CC/W33, 22232CCK/C2W33	22332-2CS5/ VT143, 22332-2CS5K/ VT143, 22332/ C3W33VA9B1, 22332/ C4W33VA9B1, 22332CC/C3W33, 22332CC/C3W33, 22332CC/W33, 22332CCJA/ W33VA405, 22332CCJA/ W33VA406	23032-2CS5/ VT143, 23032-2CS5K/ VT143, 23032CC/ C08W33, 23032CC/C2W33, 23032CC/C3W33, 23032CC/ C3W33VE194, 23032CC/C4W33, 23032CC/W33	23132-2CS5/ VT143, 23132-2CS5W/ GEM9, 23132CC/ C3W33, 23132CC/ C4W33, 23132CC/ W33, 23132CCK/ C2W33, 23132CCK/ C3W33, 23132CCK/C4W33	23232CC/C3W33, 23232CC/ C3W33VE194, 23232CC/C4W33, 23232CC/W33, 23232CC/ W33VE194, 23232CC/ W33VG114, 23232CCK/ C3W33, 23232CCK/C4W33	—	24032-2CS5/ C3VT143, 24032-2CS5/ C3VT143C, 24032-2CS5/ VT143, 24032/ C3W33VA9B1, 24032/ C4W33VA9B1, 24032CC/C3W33, 24032CC/C4W33, 24032CC/W33	452332M2/W502
bore 110–200 mm · 170 mm	—	22234-2CS5/ VT143, 22234-2CS5K/ VT143, 22234CC/ C3W33, 22234CC/ C403W33, 22234CC/C4W33, 22234CC/W33, 22234CCK/ C3W33, 22234CCK/C4W33	22334CC/C3W33, 22334CC/W33, 22334CCJA/ W33VA405, 22334CCJA/ W33VA406, 22334CCK/ C2W33, 22334CCK/ C3W33, 22334CCK/ C4W33, 22334CCK/W33	23034-2CS5/ VT143, 23034-2CS5K/ VT143, 23034CC/ C3W33, 23034CC/ C4W33, 23034CC/ W33, 23034CCK/ C2W33, 23034CCK/ C3W33, 23034CCK/C4W33	23134-2CS5/ VT143, 23134-2CS5K/ VT143, 23134CC/ C3W33, 23134CC/ C4W33, 23134CC/ W33, 23134CCK/ C3W33, 23134CCK/ C4W33, 23134CCK/W33	23234-2CS5/ VT143, 23234-2CS5K/ VT143, 23234CC/ C3W33, 23234CC/ W33, 23234CCK/ C3W33, 23234CCK/ C4W33, 23234CCK/W33	—	24034-2CS5/ VT143, 24034/ C3W33VA9B1, 24034/ C4W33VA9B1, 24034CC/C3W33, 24034CC/C4W33, 24034CC/W33, 24034CCK30/ C3W33, 24034CCK30/ C4W33	—

bore 110–200 mm · 180 mm	—	22236-2CS5/ VT143, 22236-2CS5K/ VT143, 22236CC/ C3W33, 22236CC/ C4W33, 22236CC/ W33, 22236CCK/ C08W507, 22236CCK/ C3W33, 22236CCK/ C403W33	22336CC/C3W33, 22336CC/ C3W502, 22336CC/C4W33, 22336CC/W33, 22336CCJA/ W33VA405, 22336CCJA/ W33VA406, 22336CCK/ C3W33, 22336CCK/W33	23036-2CS5/ VT143, 23036-2CS5K/ VT143, 23036CC/ C2W33, 23036CC/ C3LW33, 23036CC/C3W33, 23036CC/C4W33, 23036CC/W33, 23036CCK/C3W33	23136-2CS5/ VT143, 23136-2CS5K/ C4GEM9, 23136-2CS5K/ VT143, 23136CC/ C3W33, 23136CC/ W33, 23136CCK/ C3W33, 23136CCK/ C4W33, 23136CCK/W33	23236-2CS5/ VT143, 23236-2CS5K/ VT143, 23236CC/ C3W33, 23236CC/ C4W33, 23236CC/ W33, 23236CCK/ C3W33, 23236CCK/ C4W33, 23236CCK/W33	23936CC/C3W33, 23936CC/W33, 23936CCK/ C3W33, 23936CCK/W33	24036-2CS5/ C3GEM9W513, 24036-2CS5/ VT143, 24036-2CS5W/ C3GEM9, 24036CC/C3W33, 24036CC/C4W33, 24036CC/ HA3C3W33, 24036CC/ HA3C4W33, 24036CC/HA3W33	—
bore 110–200 mm · 190 mm	—	22238-2CS5/ VT143, 22238-2CS5K/ VT143, 22238CC/ C3W33, 22238CC/ W33, 22238CCK/ C02W33, 22238CCK/ C3W33, 22238CCK/ C403W33, 22238CCK/C4W33	22338CC/C3W33, 22338CC/W33, 22338CC/W513, 22338CCJA/ W33VA405, 22338CCJA/ W33VA406, 22338CCK/ C3W33, 22338CCK/ C4W33, 22338CCK/W33	23038-2CS5/ VT143, 23038-2CS5K/ VT143, 23038CC/ C3W33, 23038CC/ C4W33, 23038CC/ W33, 23038CCK/ C3W33, 23038CCK/ C4W33, 23038CCK/W33	23138-2CS5/ VT143, 23138-2CS5K/ VT143, 23138CC/ C2W33, 23138CC/ C3W33, 23138CC/ W33, 23138CCK/ C3W33, 23138CCK/ C4W33, 23138CCK/W33	23238-2CS5/ C3VT143, 23238-2CS5/ VT143, 23238-2CS5K/ VT143, 23238CC/ C2W33, 23238CC/ C3W33, 23238CC/ W33, 23238CCK/ C3W33, 23238CCK/C4W33	23938CC/W33, 23938CCK/ C3W33, 23938CCK/W33	24038-2CS5/ VT143, 24038-2CS5K30/ VT143, 24038CC/ C3W33, 24038CC/ C4W33, 24038CC/ W33, 24038CCK30/ C2W33, 24038CCK30/ C3W33, 24038CCK30/W33	—
bore 110–200 mm · 200 mm	—	22240-2CS5/ VT143, 22240-2CS5K/ VT143, 22240CC/ C3W33, 22240CC/ W33, 22240CCK/ C3W33, 22240CCK/ C4W33, 22240CCK/W33, 22240CCN1/ C3W33	22340-2CS5K/ VT143, 22340CC/ C08W509, 22340CC/C3W33, 22340CC/ C3W513, 22340CC/C4W33, 22340CC/W33, 22340CC/ W33VE194, 22340CCJA/ W33VA405	23040-2CS5/ VT143, 23040-2CS5K/ VT143, 23040CC/ C2W33, 23040CC/ C3W33, 23040CC/ C4W33, 23040CC/ W33, 23040CCK/ C2W33, 23040CCK/C3W33	23140-2CS5/ VT143, 23140-2CS5K/ VT143, 23140CC/ C3W33, 23140CC/ C4W33, 23140CC/ W33, 23140CC/ W513, 23140CC/ C08W507, 23140CCK/C2W33	23240-2CS5/ VT143, 23240-2CS5K/ VT143, 23240CC/ C3W33, 23240CC/ W33, 23240CCK/ C08W33, 23240CCK/ C3W33, 23240CCK/ C4W33, 23240CCK/W33	23940CC/C3W33, 23940CC/C5W33, 23940CC/W33, 23940CC/W507, 23940CCK/ C3W33, 23940CCK/ C4W33, 23940CCK/W33, 23940 CC/W33	24040-2CS5/ VT143, 24040-2CS5K30/ VT143, 24040CC/ C3W33, 24040CC/ C4W33, 24040CC/ HA3C3W33, 24040CC/ HA3C4W33, 24040CC/ HA3W33, 24040CC/W33	—
bore above 200 mm · 220 mm	—	22244-2CS5/ VT143, 22244-2CS5K/ VT143, 22244CC/ C3W33, 22244CC/ W33, 22244CCK/ C3W33, 22244CCK/ C403W33, 22244CCK/ C403W73, 22244CCK/C4W33	22344-2CS5/ VT143, 22344-2CS5K/ VT143, 22344CC/ C3W33, 22344CC/ C3W502, 22344CC/VE346, 22344CC/W33, 22344CCJA/ W33VA405, 22344CCK/C2W33	23044-2CS5/ VT143, 23044-2CS5K/ VT143, 23044CC/ C2W33, 23044CC/ C3W33, 23044CC/ C4W33, 23044CC/ W33, 23044CC/ W33VE194, 23044CCK/C3W33	23144-2CS5/ VT143, 23144-2CS5K/ VT143, 23144CC/ C3W33, 23144CC/ C4W33, 23144CC/ W33, 23144CC/ W509, 23144CCK/ C3W33, 23144CCK/C4W33	23244-2CS5/ VT143, 23244-2CS5K/ VT143, 23244CC/ C3W33, 23244CC/ C4W33, 23244CC/ W33, 23244CCK/ C2W33, 23244CCK/ C3W33, 23244CCK/C4W33	23944-2CS5/ VT143, 23944CC/ C3W33, 23944CC/ C3W513, 23944CC/W33, 23944CCK/ C3W33, 23944CCK/W33, 23944 CC/W33	24044-2CS5/ VT143, 24044-2CS5K30/ VT143, 24044CC/ C2W33, 24044CC/ C3W33, 24044CC/ W33, 24044CCK30/ C3W33, 24044CCK30/ C4W33, 24044CCK30/W33	—

bore above 200 mm · 240 mm	—	22248CC/C3W33, 22248CC/W33, 22248CCK/ C3W33, 22248CCK/ C482W507, 22248CCK/W33, 22248 CC/W33	22348CC/C3W33, 22348CC/W33, 22348CCJA/ W33VA405, 22348CCK/ C3W33, 22348CCK/W33	23048-2CS5/ VT143, 23048-2CS5K/ VT143, 23048CC/ C08W33, 23048CC/ C08W509, 23048CC/C3W33, 23048CC/C4W33, 23048CC/W33, 23048CC/ W33VE194	23148-2CS5/ VT143, 23148-2CS5K/ VT143, 23148CC/ C2W33, 23148CC/ C3W33, 23148CC/ C4W33, 23148CC/ W33, 23148CCK/ C02W507, 23148CCK/ C083W33	23248CAC/ C083W507, 23248CAC/ C08W507, 23248CAC/ C3W33, 23248CAC/ C3W502, 23248CAC/VE345, 23248CAC/W33, 23248CACK/ C083W507, 23248CACK/ C084W507	23948CC/C3W33, 23948CC/ C3W513, 23948CC/W33, 23948CC/W513, 23948CCK/ C3W33, 23948CCK/W33	24048-2CS5/ VT143, 24048-2CS5K30/ VT143, 24048CC/ C3W33, 24048CC/ C4W33, 24048CC/ HA3C3W33, 24048CC/ HA3C4W33, 24048CC/W33, 24048CCK30/ C3W33	—
bore above 200 mm · 260 mm	—	22252CAC/ C3W33, 22252CAC/W33, 22252CACK/ C3W33, 22252CACK/W33, 22252CC/W33, 22252CCK/ C3W33, 22252CCK/W33	22352CC/C3W33, 22352CC/W33, 22352CCK/ C3W33, 22352CCK/W33	23052-2CS5/ C3VT143, 23052-2CS5/ VT143, 23052-2CS5K/ VT143, 23052CC/ C08W506, 23052CC/ C08W509, 23052CC/C3W33, 23052CC/C4W33, 23052CC/C4W525	23152-2CS5/ VT143, 23152-2CS5K/ VT143, 23152CAC/ C083W507, 23152CAC/ C083W509, 23152CAC/ C08W507, 23152CAC/ C08W509, 23152CAC/ C3W33, 23152CAC/W33	23252CAC/ C3W33, 23252CAC/ C3W502, 23252CAC/ C3W507, 23252CAC/W33, 23252CAC/ C083W507, 23252CACK/ C08W507, 23252CACK/ C3W33, 23252CACK/W33	23952CC/C3W33, 23952CC/W33, 23952CCK/ C3W33, 23952CCK/ C4W33, 23952CCK/W33	24052-2CS5/ VT143, 24052-2CS5K30/ VT143, 24052CC/ C3W33, 24052CC/ C4W33, 24052CC/ W33, 24052CCK30/ C3W33, 24052CCK30/ C4W33, 24052CCK30/W33	—
bore above 200 mm · 280 mm	—	22256CC/C3W33, 22256CC/W33, 22256CCK/ C3W33, 22256CCK/W33	22356CC/C3W33, 22356CC/W33, 22356CCK/ C3W33, 22356CCK/W33	23056CAC/ C08W509, 23056CAC/ C08W525, 23056CAC/ C2W33, 23056CAC/ C3W33, 23056CAC/ C4W33, 23056CAC/W33, 23056CACK/ C3W33, 23056CACK/ C4W33	23156-2CS5/ VT143, 23156-2CS5K/ VT143, 23156CAC/ C083W507, 23156CAC/ C08W507, 23156CAC/ C3W33, 23156CAC/ C4W33, 23156CAC/W33, 23156CAC/W513	23256CAC/ C083W507, 23256CAC/ C084W507, 23256CAC/ C08W507, 23256CAC/ C3W33, 23256CAC/W33, 23256CACK/ C083W507, 23256CACK/ C08W507, 23256CACK/ C3W33	23956CC/C3W33, 23956CC/W33, 23956CCK/ C3W33, 23956CCK/W33, 23956 CC/C3W33	24056-2CS5/ VT143, 24056-2CS5K30/ VT143, 24056CC/ C2W33, 24056CC/ C3W33, 24056CC/ W33, 24056CCK30/ C3W33, 24056CCK30/ W33, 24156CC/ C3W33	—
bore above 200 mm · 300 mm	—	22260CC/C3W33, 22260CC/C4W33, 22260CC/W33, 22260CCK/ C3W33, 22260CCK/ C4W33, 22260CCK/W33	—	23060-2CS5K/ VT143, 23060CAC/ C083W507, 23060CAC/ C08W507, 23060CAC/ C08W509, 23060CAC/ C3W33, 23060CAC/W33, 23060CACK/ C083W507, 23060CACK/ C08W507	23160-2CS5/ VT143, 23160-2CS5K/ VT143, 23160CAC/ C083W507, 23160CAC/ C083W509, 23160CAC/ C08W507, 23160CAC/ C08W509, 23160CAC/ C3W33, 23160CAC/VE346	23260CAC/ C083W507, 23260CAC/ C08W507, 23260CAC/ C3W33, 23260CAC/W33, 23260CAC/ C083W507, 23260CACK/ C08W507, 23260CACK/ C3W33, 23260CACK/ C4W33	23960CC/C3W33, 23960CC/ C3W513, 23960CC/W33, 23960CC/W513, 23960CCK/ C083W33, 23960CCK/ C3W33, 23960CCK/ C4W33, 23960CCK/W33	24060-2CS5/ VT143, 24060CAC/ C3W33, 24060CAC/ C4W33, 24060CAC/W33, 24060CACK30/ C2W33, 24060CACK30/ C3W33, 24060CACK30/ W33, 24060CC/ C3W33	—

bore above 200 mm · 320 mm	—	22264CC/ C08W525, 22264CC/C3W33, 22264CC/W33, 22264CCK/ C3W33, 22264CCK/W33	—	23064CC/ C083W507, 23064CC/ C083W509, 23064CC/ C08W506, 23064CC/ C08W509, 23064CC/ C08W525, 23064CC/C2W33, 23064CC/C3W33, 23064CC/C4W33	23164-2CS5/ VT143, 23164-2CS5K/ VT143, 23164CAC/ C083W507, 23164CAC/ C08W507, 23164CAC/ C08W509, 23164CAC/ C3W33, 23164CAC/W33, 23164CACK/ C083W507	23264-2CS5K/ VT143, 23264CAC/ C083W507, 23264CAC/ C3W33, 23264CAC/W33, 23264CACK/ C083W507, 23264CACK/ C08W507, 23264CACK/ C2W33	23964CC/ C083W509, 23964CC/ C08W509, 23964CC/C3W33, 23964CC/W33, 23964CCK/ C3W33, 23964CCK/W33	24064CC/ C08W33, 24064CC/C3W33, 24064CC/C4W33, 24064CC/W33, 24064CC/W513, 24064CCK30/ C3W33, 24064CCK30/ W33, 24164-2CS5K30/ C3HGEA8	—
bore above 200 mm · 340 mm	—	—	—	23068CAC/ C083W507, 23068CAC/ C08W507, 23068CAC/W33, 23068CACK/ C083W507, 23068CACK/ C08W507, 23068CACK/W33, 23068CC/ C08W525, 23068CC/C3W33	23168-2CS5/ VT143, 23168-2CS5K/ VT143, 23168CAC/ C083W507, 23168CAC/ C08W507, 23168CAC/ C3W33, 23168CAC/W33, 23168CACK/ C083W507, 23168CACK/ C08W507	23268CA/C3W33, 23268CA/W33, 23268CAK/ C083W507, 23268CAK/ C084W507, 23268CAK/ C3W33, 23268CAK/ C4W33, 23268CAK/W33	23968CC/C3W33, 23968CC/W33, 23968CCK/ C3W33, 23968CCK/W33	24068CC/C2W33, 24068CC/C3W33, 24068CC/W33, 24068CC/W513, 24068CCK30/ C4W33, 24068CCK30/ W33, 24168ECAC/ W33, 24168ECACK30/ W33	—
bore above 200 mm · 360 mm	—	22272CA/W33, 22272CAK/W33	—	23072CAC/ C083W509, 23072CAC/ C08W509, 23072CAC/W33, 23072CACK/ C083W507, 23072CACK/ C085W507, 23072CACK/ C08W507, 23072CACK/W33, 23072CC/ C083W513	23172-2CS5/ VT143, 23172-2CS5K/ VT143, 23172CAC/ C083W507, 23172CAC/ C083W509, 23172CAC/ C08W507, 23172CAC/ C08W509, 23172CAC/ C3W33, 23172CACK/ C083W507	23272-2CS5K/ VT143, 23272CA/ C3W33, 23272CA/ W33, 23272CAK/ C3W33, 23272CAK/W33	23972CC/C3W33, 23972CC/ C3W513, 23972CC/W33, 23972CCK/ C083W33, 23972CCK/ C3W33, 23972CCK/ C4W33, 23972CCK/W33	24072CC/C3W33, 24072CC/W33, 24072CCK30/ C3W33, 24072CCK30/ W33, 24172-2CS5/ VT143, 24172ECCJ/ C3W33, 24172ECCJ/W33, 24172ECCK30J/ C3W33	—
bore above 200 mm · 380 mm	—	—	—	23076-2CS5/ VT143, 23076-2CS5K/ VT143, 23076CAC/ C083W507, 23076CAC/ C08W507, 23076CAC/W33, 23076CACK/ C083W507, 23076CACK/ C08W507, 23076CACK/ C08W507, 23076CACK/W33	23176-2CS5K/ VT143, 23176CA/ C08W507, 23176CA/C3W33, 23176CA/W33, 23176CAK/ C082W507, 23176CAK/ C083W507, 23176CAK/ C084S2W33X, 23176CAK/ C084W33	23276CA/ C083W507, 23276CA/ C08W507, 23276CA/C3W33, 23276CA/W33, 23276CAK/ C083W507, 23276CAK/ C08W507, 23276CAK/ C3W33, 23276CAK/W33	23976CC/C3W33, 23976CC/ C3W513, 23976CC/W33, 23976CC/W513, 23976CCK/ C4W33, 23976CCK/W33	24076CC/C3W33, 24076CC/W33, 24076CCK30/ C4W33, 24076CCK30/ W33, 24176-2CS5K30/ C3HGEA8, 24176ECA/ C3W33, 24176ECA/W33, 24176ECAK30/ C084S2W33X	—

bore above 200 mm · 400 mm	—	—	22380CA/W33	23080-2CS5/ VT143, 23080-2CS5K/ VT143, 23080CAC/ C083W33, 23080CAC/ C083W507, 23080CAC/ C08W506, 23080CAC/ C08W509, 23080CAC/ C3W33, 23080CAC/W33	23180-2CS5/ VT143, 23180-2CS5K/ VT143, 23180CA/ C083W33, 23180CA/ C083W33VE554E, 23180CA/ C083W509, 23180CA/ C08W506, 23180CA/ C08W509, 23180CA/ C08W509, 23180CA/C3W33	23280CA/ C083W507, 23280CA/C3W33, 23280CA/W33, 23280CAK/ C083W507, 23280CAK/ C3W33, 23280CAK/W33	23980CC/ C08W33, 23980CC/C3W33, 23980CC/W33, 23980CC/ W33VQ424, 23980CC/W513, 23980CCK/ C083W33, 23980CCK/ C08W33, 23980CCK/C3W33	24080ECCJ/ C083W509, 24080ECCJ/ C3W33, 24080ECCJ/W33, 24080ECCK30J/ C3W33, 24080ECCK30J/ W33, 24180-2CS5K30/ C3HGEA8, 24180ECA/ C3W33, 24180ECA/W33	—
bore above 200 mm · 420 mm	—	—	—	23084CA/ C083W506, 23084CA/ C084W506, 23084CA/ C08W509, 23084CA/ C08W525, 23084CA/W33, 23084CAK/ C083W507, 23084CAK/ C08W507, 23084CAK/ C082W507	23184-2CS5/ VT143, 23184-2CS5K/ VT143, 23184CA/ C083W507, 23184CA/ C083W509, 23184CA/ C08W506, 23184CA/ C08W509, 23184CA/ C3W33, 23184CAK/ C082W507	23284-2CS5K/ VT143, 23284CA/ C3LW33, 23284CA/C3W33, 23284CA/W33, 23284CAK/ C083W507, 23284CAK/ C08W33, 23284CAK/ C08W507, 23284CAK/C3W33	23984CC/ C083W509, 23984CC/ C08W33, 23984CC/C3W33, 23984CC/ C3W513, 23984CC/C4W33, 23984CC/W33, 23984CC/W513, 23984CCK/ C083W33	24084ECA/ C3W33, 24084ECA/W33, 24084ECA/W513, 24084ECCK30/ C4W33, 24084ECCK30/ W33, 24184-2CS5K30/ C3HGEA8, 24184ECA/ C3W33, 24184ECA/W33	—
bore above 200 mm · 440 mm	—	—	—	23088CA/ C083W507, 23088CA/ C083W509, 23088CA/ C08W33, 23088CA/ C08W506, 23088CA/ C08W509, 23088CA/C3W33, 23088CA/W33, 23088CAK/ C083W33	23188-2CS5/ VT143, 23188-2CS5K/ VT143, 23188CA/ C3W33, 23188CA/ W33, 23188CAK/ C083W33, 23188CAK/ C083W507, 23188CAK/ C08W507, 23188CAK/C3W33	23288CA/C3W33, 23288CA/W33, 23288CAK/ C08W33, 23288CAK/ C3W33, 23288CAK/W33	23988CC/ C083W513, 23988CC/C3W33, 23988CC/W33, 23988CC/ W33VQ424, 23988CC/W513, 23988CCK/ C3W33, 23988CCK/W33	24088ECA/ C3W33, 24088ECA/W33, 24088ECAK30/ C3W33, 24088ECAK30/ W33, 24188-2CS5K30/ C3HGEA8, 24188ECA/ C3W33, 24188ECA/W33, 24188ECAK30/ C2W33	—
bore above 200 mm · 460 mm	—	—	—	23092CA/ C083W513, 23092CA/ C08W507, 23092CA/ C08W513, 23092CA/C3W33, 23092CA/W33, 23092CA/ W33VQ424, 23092CAK/ C3W33, 23092CAK/C4W33	23192-2CS5/ VT143, 23192-2CS5K/ VT143, 23192CA/ C083W33VE554E, 23192CA/ C08W33VE554E, 23192CA/C3W33, 23192CA/W33, 23192CAK/ C083W33, 23192CAK/ C08W507	23292CA/ C08W33VE554E, 23292CA/ C3LW33, 23292CA/C3W33, 23292CA/W33, 23292CAK/ C083W507, 23292CAK/ C08W507, 23292CAK/ C3W33, 23292CAK/W33	23992CA/ C083W509, 23992CA/C3W33, 23992CA/W33, 23992CAK/ C083W33, 23992CAK/ C08W33, 23992CAK/ C3W33, 23992CAK/W33	24092ECA/ C3W33, 24092ECA/W33, 24092ECAK30/ W33, 24192-2CS5K30/ C3HGEA8, 24192ECA/W33, 24192ECAK30/ C3W33, 24192ECAK30/ W33	—

bore above 200 mm · 480 mm	—	—	—	23096CA/ C083W513, 23096CA/ C08W33, 23096CA/ C08W507, 23096CA/ C08W513, 23096CA/ C08W525, 23096CA/C3W33, 23096CA/W33, 23096CAK/ C083W507	23196-2CS5K/ VT143, 23196CA/ C3W33, 23196CA/ W33, 23196CAK/ C3W33, 23196CAK/W33	23296CA/C3W33, 23296CA/W33, 23296CAK/ C3W33, 23296CAK/W33	23996CA/ C083VE589, 23996CA/ C083W33, 23996CA/ C08W507, 23996CA/ C08W509, 23996CA/C2W33, 23996CA/C3W33, 23996CA/ CNLW33, 23996CA/W33	24096ECA/ C3W33, 24096ECA/W33, 24096ECAK30/ W33, 24196-2CS5K30/ C3HGEA8, 24196ECA/W33, 24196ECAK30/ W33	—
bore above 200 mm · 500 mm	—	—	—	230/500CA/ C083W509, 230/500CA/ C08W507, 230/500CA/ C08W509, 230/500CA/ C3W33, 230/500CA/W33, 230/500CA/ W33VQ424, 230/500CAK/ C083W507, 230/500CAK/ C08W507	231/500CA/ C3W33, 231/500CA/W33, 231/500CAK/ C08W507, 231/500CAK/ C3W33, 231/500CAK/ C4W33, 231/500CAK/W33	232/500CA/ C3W33, 232/500CA/W33, 232/500CAK/ C083W507, 232/500CAK/ C08W33, 232/500CAK/ C08W507, 232/500CAK/ C3W33, 232/500CAK/W33	239/500CA/ C083VE589, 239/500CA/ C08W507, 239/500CA/ C3W33, 239/500CA/ C3W513, 239/500CA/ L4BC083W507, 239/500CA/W33, 239/500CAK/ C083W33, 239/500CAK/ C083W507	240/500ECA/ C3W33, 240/500ECA/W33, 240/500ECAK30/ W33, 241/500-2CS5K30/ C3HGEA8, 241/500-2CS5K30/ C3VT143, 241/500ECA/ C3W33, 241/500ECA/W33, 241/500ECAK30/ C083W33	—
bore above 200 mm · 530 mm	—	—	—	230/530CA/ C083W507, 230/530CA/ C083W509, 230/530CA/ C08W507, 230/530CA/ C08W509, 230/530CA/ C08W513, 230/530CA/ C08W525, 230/530CA/ C3W33, 230/530CA/W33	231/530CA/ C3W33, 231/530CA/W33, 231/530CAK/ C083W507, 231/530CAK/ C08W507, 231/530CAK/ C3W33, 231/530CAK/ C4W33, 231/530CAK/ HA3C084W33, 231/530CAK/W33	232/530CA/W33, 232/530CAK/ C083W507, 232/530CAK/ C08W507, 232/530CAK/ C3W33, 232/530CAK/ HA3C085LW507, 232/530CAK/W33	239/530CA/ C083VE589, 239/530CA/ C083W507, 239/530CA/ C083W509, 239/530CA/ C08W525, 239/530CA/ C3W33, 239/530CA/W33, 239/530CA/ W33VQ424, 239/530CAK/ C083W33	240/530ECA/ C3W33, 240/530ECA/W33, 240/530ECAK30/ C3W33, 240/530ECAK30/ W33, 241/530-2CS5K30/ C3HGEA8, 241/530ECA/W33, 241/530ECA/W77, 241/530ECAK30/ W33	—
bore above 200 mm · 560 mm	—	—	—	230/560CA/ C083W507, 230/560CA/ C083W509, 230/560CA/ C08W509, 230/560CA/ C08W513, 230/560CA/ C3W33, 230/560CA/W33, 230/560CAK/ C083W33, 230/560CAK/ C083W507	231/560CA/W33, 231/560CAK/ C08W507, 231/560CAK/ C3W33, 231/560CAK/W33	232/560CAK/ C08W33, 232/560CAK/ C3W33, 232/560CAK/W33	239/560CA/ C083W507, 239/560CA/ C083W509, 239/560CA/ C083W513, 239/560CA/ C08W509, 239/560CA/ C3W33, 239/560CA/ C3W513, 239/560CA/W33, 239/560CA/ W33VQ424	240/560BC, 240/560ECA/ C3W33, 240/560ECA/W33, 240/560ECAK30/ W33, 241/560-2CS5K30/ C3HGEA8, 241/560ECA/W33, 241/560ECAK30/ C083W33, 241/560ECAK30/ C3W33	—

bore above 200 mm · 600 mm	—	—	—	230/600CA/ C083W509, 230/600CA/ C08W507, 230/600CA/ C08W509, 230/600CA/ C08W509VE664, 230/600CA/ C3W33, 230/600CA/W33, 230/600CAK/ C083W506, 230/600CAK/ C083W507	231/600CA/W33, 231/600CAK/ C084W33, 231/600CAK/W33	232/600CA/W33, 232/600CAK/ C3W33	239/600CA/ C083W507, 239/600CA/ C08W533, 239/600CA/ C08W507, 239/600CA/ C08W509, 239/600CA/ C08W513, 239/600CA/ C3W33, 239/600CA/W33, 239/600CA/ W33VQ424	240/600BC, 240/600ECA/ C3W33, 240/600ECA/W33, 240/600ECAK30/ W33, 241/600-2CS5K30/ C3HGEA8, 241/600ECA/W33, 241/600ECAK30/ C083W33, 241/600ECAK30/ C3W33	—
bore above 200 mm · 630 mm	—	—	—	230/630CA/ C08W507, 230/630CA/ C08W509, 230/630CA/ C3W33, 230/630CA/W33, 230/630CA/ W33RE10, 230/630CAK/ C083W33, 230/630CAK/ C083W507, 230/630CAK/ C08W33	231/630CA/W33, 231/630CAK/ C3W33, 231/630CAK/ HA3C084W33, 231/630CAK/ HA3C4W33, 231/630CAK/W33	—	238/630CAMA/ C3W20, 238/630CAMA/ W20, 239/630CA/ C08W509, 239/630CA/W33, 239/630CAK/ C083W33, 239/630CAK/ C083W507, 239/630CAK/ C08W507, 239/630CAK/ C3W33	240/630BC, 240/630BCK30, 240/630ECJ/ C3W33, 240/630ECJ/W33, 240/630ECK30J/ W33, 241/630-2CS5K30/ C3HGEA8, 241/630ECA/W33, 241/630ECAK30/ W33	—
bore above 200 mm · 670 mm	—	—	—	230/670CA/ C3W33, 230/670CA/W33, 230/670CAK/ C083W506, 230/670CAK/ C083W507, 230/670CAK/ C3W33, 230/670CAK/ HA3C083W507, 230/670CAK/ HA3C084W507, 230/670CAK/W33	231/670CA/W33, 231/670CAK/ C08W507X, 231/670CAK/W33	232/670-2CS5K/ VT143, 232/670CA/ C3W33, 232/670CAK/ C3W33, 232/670CAK/W33	238/670CAMA/ W20, 239/670CA/ C08W513, 239/670CA/ C3W33, 239/670CA/W33, 239/670CA/ W33VQ424, 239/670CAK/ C083W507, 239/670CAK/ C08W507, 239/670CAK/ C3W33	240/670BC, 240/670ECA/W33, 240/670ECAK30/ W33, 241/670-2CS5K30/ C3HGEA8, 241/670ECA/W33, 241/670ECAK30/ C3W33, 241/670ECAK30/ W33	—
bore above 200 mm · 710 mm	—	—	—	230/710CA/W33, 230/710CAK/ C083W507, 230/710CAK/ C08W507, 230/710CAK/W33	231/710CA/W33, 231/710CAK/ C4W33, 231/710CAK/W33	232/710CAK/ C3W33	239/710CA/ C083W509, 239/710CA/ C3W33, 239/710CA/W33, 239/710CAK/ C083W507, 239/710CAK/ C08W33, 239/710CAK/ C08W507, 239/710CAK/ HA3C083W507, 239/710CAK/ HA3C08W507	240/710BC, 240/710ECA/W33, 240/710ECAK30/ C3W33, 240/710ECAK30/ W33, 241/710-2CS5K30/ C3HGEA8, 241/710ECA/W33, 241/710ECAK30/ C3W33, 241/710ECAK30/ W33	249/710CA/W33

bore above 200 mm · 750 mm	—	—	—	230/750CA/ C083W509, 230/750CA/W33, 230/750CAK/ C083W507, 230/750CAK/ C08W507, 230/750CAK/W33	231/750CA/W33, 231/750CAK/W33	232/750CAK/W33	238/750CAMA/ W20, 239/750CA/ C083W509, 239/750CA/ C08W509, 239/750CA/ C3W33, 239/750CA/W33, 239/750CA/ W33VQ424, 239/750CAK/ C083W33, 239/750CAK/ C083W506	240/750BC, 240/750ECA/W33, 240/750ECAK30/ W33, 241/750-2CS5K30/ C3HGEA8, 241/750ECA/W33, 241/750ECAK30/ W33	249/750CA/W33, 249/750CAK30/ W33
bore above 200 mm · 800 mm	—	—	—	230/800CA/W33, 230/800CAK/ C3W33, 230/800CAK/W33	231/800CAK/W33	232/800CA/W33, 232/800CAK/W33	239/800CA/ C08W33, 239/800CA/W33, 239/800CA/ W33VQ424, 239/800CA/W513, 239/800CAK/W33	240/800BC, 240/800ECA/W33, 241/800-2CS5K30/ C3HGEA8, 241/800ECA/W33, 241/800ECAK30/ C4LW33	248/800CAK30MA/ W20, 248/800CAMA/ W20, 249/800CA/ W33
bore above 200 mm · 850 mm	—	—	—	230/850CA/ C2HV012, 230/850CA/W33, 230/850CAK/ C083W33, 230/850CAK/ C083W506, 230/850CAK/ C083W507, 230/850CAK/W33	—	232/850CA/W33	238/850CAKMA/ C3W20, 238/850CAKMA/ W20, 238/850CAMA/ W20, 239/850CA/ C083W509, 239/850CA/ C3W33, 239/850CA/W33, 239/850CA/ W33VQ424, 239/850CAK/ C083W507	240/850BC, 240/850ECA/W33, 240/850ECAK30/ W33, 241/850-2CS5K30/ C3HGEA8, 241/850ECA/W33, 241/850ECAK30/ W33	249/850CA/W33
bore above 200 mm · 900 mm	—	—	—	230/900CA/W33, 230/900CAK/W33	—	—	239/900CA/W33, 239/900CA/ W33VQ424, 239/900CAK/ C083W507, 239/900CAK/ C08W507, 239/900CAK/W33	240/900BC, 240/900ECA/W33, 240/900ECAK30/ W33, 241/900-2CS5K30/ C3HGEA8, 241/900-2CS5K30/ C4LGEA8, 241/900ECA/W33, 241/900ECAK30/ C3W33, 241/900ECAK30/ C4LW33	—
bore above 200 mm · 950 mm	—	—	—	230/950CA/W33, 230/950CAK/W33	—	—	239/950CA/W33, 239/950CAK/ C083W33, 239/950CAK/ C08W33, 239/950CAK/W33	240/950BC, 240/950CA/W33, 240/950CAK30/ W33, 241/950-2CS5K30/ C3HGEA8, 241/950ECA/W33, 241/950ECAK30/ C3LW33	249/950CA/W33

bore above 200 mm · 1000 mm	—	—	—	—	231/1000CAKF/ W33	—	238/1000CAKMA/ W20	240/1000CAF/ W33, 240/1000CAK30F/ W33, 241/1000-2C S5K30/C3HGEA8, 241/1000ECA/ W33, 241/1000ECAK30/ C3W33	249/1000CA/W33
bore above 200 mm · 1060 mm	—	—	—	—	—	—	239/1060CAF/ W33, 239/1060CAKF/ C3W33, 239/1060CAKF/ W33	240/1060CAF/ W33, 240/1060CAK30F/ W33, 241/1060-2C S6K30/C3HGEA8, 241/1060ECAK30/ C3HW33	249/1060CAF/ W33, 249/1060CAK30F/ W33
bore above 200 mm · 1120 mm	—	—	—	—	—	—	238/1120CAMA/ W20	240/1120CAF/ W33, 241/1120-2C S6K30/C3HGEA8, 241/1120ECAK30/ C3HW33	249/1120CAF/W33
bore above 200 mm · 1180 mm	—	—	—	—	—	—	238/1180CAKFA/ W20, 239/1180CAF/ W33, 239/1180CAKF/ C3W33, 239/1180CAKF/ W33	241/1180-2CS6K3 0/C3HGEA8, 241/1180ECAK30/ C3HW33	249/1180CAF/W33
bore above 200 mm · 1250 mm	—	—	—	230/1250CAF/W33	—	—	—	241/1250-2CS6K3 0/C3HGEA8, 241/1250ECAK30/ C3HW33	249/1250CAF/ W33X
bore above 200 mm · 1320 mm	—	—	—	—	—	—	—	—	249/1320CAF/ W33, 249/1320CAK30F/ W33
bore above 200 mm · 1400 mm	—	—	—	—	—	—	—	—	248/1400CAK30FA /C3VE406
bore above 200 mm · 1500 mm	—	—	—	—	—	—	—	—	248/1500CAK30FA /C3W20

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