



①	Material	-	Bearings made of bearing steel have no prefix
		M	Bearings made of high temperature steel ¹
		N	Bearings made from high nitrogen steel ¹
		HY	Balls made of Silicon Nitride, rings made of bearing steel
②	Bearing size	6002	Designation of dimension series and bore diameter
③	Series/Shields	X	Extra-wide bearing
		Z	Shield on one side
		2Z	Shields on both sides (for matched pairs, shields are on outside faces)
④	Cage	J	Steel ribbon cage, ball guided
		T9H	Crown cage of fiberglass reinforced polyamide, ball guided
		TBH	Crown cage of laminated phenolic resin, inner land guided
		TA	Solid cage of laminated phenolic resin, outer land guided
		TB	Solid cage of laminated phenolic resin, inner land guided
		MA	Solid cage of brass, outer land guided
⑤	Precision	P4	European tolerance class, similar to ABEC 7 ²
		P2	European tolerance class, similar to ABEC 9 ²
		A7	ABEC 7 per ABMA standards, similar to P4 ²
		A9	ABEC 9 per ABMA standards, similar to P2 ²
		HG	GMN high precision according to GMN specification, higher than P4, but lower than UP ²
		UP	GMN ultra precision according to GMN specification, higher than HG, but lower than P2 ²
⑥	Internal clearance	C2	Radial clearance smaller than standard ²
		-	Standard clearance ²
		C3	Radial clearance greater than standard ²
		C4	Radial clearance greater than C3 ²
⑦	High point marking	R	High point mark for radial runout for both inner and outer rings
		R _i	Similar to R, but only for inner ring
		R _a	Similar to R, but only for outer ring
⑧	Bearing sets	DF	Face-to-Face arrangement
		DB	Back-to-Back arrangement
		DT	Tandem arrangement
⑨	Heat treatment	S1	Operating temperature up to 200° C ¹
		S2	Operating temperature up to 250° C ¹
		S3	Operating temperature up to 300° C ¹
⑩	Lubrication	-	No lubrication
		GLY32	Lubrication identifier, ex. Asonic GLY 32

1. Available on request
2. Exact specifications can be found in the GMN Ball Bearing Catalog