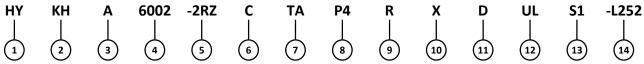


Selection Guide

Angular Contact Bearings





'		•	9	\odot	\mathbf{O}		9	4.0	(1)	<u></u>	(13)
1		-	Bearing	s made of	bearing ste	eel have no	prefix				
	Material	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	Series	S	Standar	d bearing	series, sing	le relief on	outer ring				
		SM	High sp	eed large l	ball series,	similar but	higher spe	ed to S seri	es		
		KH	Small ba	all high spe	eed series,	with optior	nal seals				
		BNT	Separab	ole bearing	g, similar to	S series pe	rformance				
		BHT	Separab	ole bearing	g, similar to	SM series	performan	ce			
3	Direct Lubrication	-	Standar	·d							
		Α	Oil lubri	ication hol	e through o	outer ring o	n open sid	e			
		AB	Oil lubri	ication hol	e through o	outer ring o	n closed si	de			
		L	Oil lubri	ication hol	e through o	outer ring o	n open sid	e, outer rir	ng oil groov	e with O-ri	ng seals
		LB	Oil lubri	ication hol	e through o	outer ring o	n closed si	de, outer r	ing oil groo	ve with O-r	ring seals
		AG	Grease	lubrication	n hole thro	ugh outer r	ing on ope	n side			
(4)	Bearing size	6002	Designa	ation of dir	mension se	ries and bo	re diamete	r			
(5)	Seals	2RZ	Seals or	n both side	es (For KH s	eries)					
6		С	15°								
	Contact angle	Е	25°								
		18°	Custom	Contact A	Angle						
7	Cage	TA			lic resin cag	ge guided o	n outer rin	g (Standar	d)		
		TXM		-	ge guided o	-			,		
8	Precision	P4							-6, similar t	o ABEC 7 ³	
		P2	-		ce class, sir	-	•		•		
		A7	-		standards		_				
		A9		-	standards						
		HG		-				n, higher t	han P4, but	lower than	n UP³
		UP		· .		•	•	. •	than HG, bu		
		R			or radial ru		•				
9	High point marking				only for inne						
		R _a			only for out	_					
(10)	Grading	X			nd outer di						
40		-	1 bearin								
11)	Bearing sets	D	2 bearin	_							
		T	3 bearin	_							
		Q	4 beari	_							
(12)	Matching and Preload Heat treatment	UL			ng - light pr	eload					
		UM			ng - mediun						
		US			ng - heavy p	-					
		UV			ng - special						
		DF		-Face arra	• .	preioau					
					•						
		DB DT		-Back arra	•						
				n arrangen	rature up to	200° C1					
		S1	•	•	•						
		S2	•	•	rature up to						
		S3			rature up to	300 C					
(14)	Lubrication	-	No lubr		·		116 1252				
_		L252	Lubrica	tion identi	fier, ex. Tu	rmogrease	HS L252				

- Available on request Other cages available on request
- Exact specifications can be found in the GMN Ball Bearing Catalog
- For more information, please contact GMN USA engineers