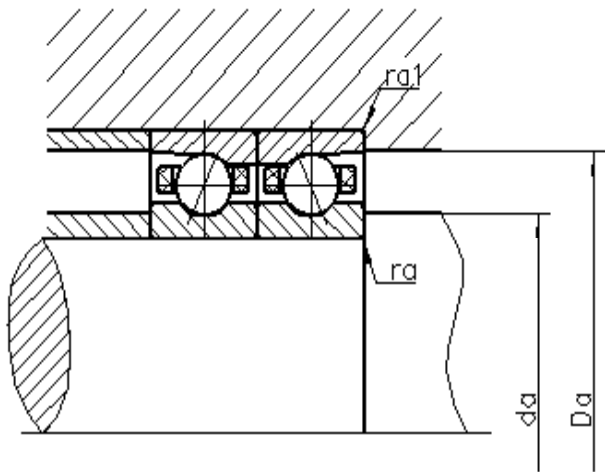
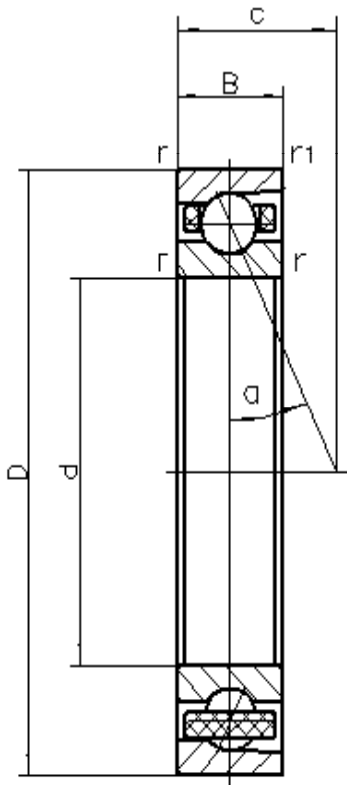


PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 7009CTA/HQ1P4S HCB7009 C T P4S UL  
PRECISION P4S  
CERAMIC BALL



d	45	mm	
D	75	mm	
B	16	mm	
c	16	mm	
Da	69	mm	Tolerance: H12
da	51	mm	Tolerance: h12
r <sub>min</sub>	1	mm	
r <sub>l</sub> <sub>min</sub>	0.6	mm	
r <sub>a</sub> <sub>max</sub>	1	mm	
r <sub>al</sub> <sub>max</sub>	0.3	mm	
α	15°		Contact angle
m	0.197	kg	Mass
Cr	24400	N	Basic dynamic load rating, radial
Cor	13490	N	Basic static load rating, radial
Fv <sub>L</sub>	150	N	Preload force
Fv <sub>M</sub>	340	N	Preload force
Fv <sub>H</sub>	690	N	Preload force
Ca <sub>L</sub>	58.8	N/um	Axial rigidity
Ca <sub>M</sub>	83.2	N/um	Axial rigidity
Ca <sub>H</sub>	115.5	N/um	Axial rigidity
Limiting speeds	40000	r/min	Lubrication: oil
	26000	r/min	Lubrication: grease