

PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 7007CTA/HQ1P4S HCB7007 C T P4S UL
PRECISION P4S
CERAMIC BALL



d	35	mm	
D	62	mm	
B	14	mm	
c	13.5	mm	
Da	56	mm	Tolerance: H12
da	41	mm	Tolerance: h12
r _{min}	1	mm	
r1 _{min}	0.6	mm	
ra _{max}	1	mm	
ra1 _{max}	0.3	mm	
α	15°		Contact angle
m	0.135	kg	Mass
Cr	19130	N	Basic dynamic load rating, radial
Cor	9560	N	Basic static load rating, radial
Fv _L	120	N	Preload force
Fv _M	250	N	Preload force
Fv _H	490	N	Preload force
Ca _L	48.9	N/um	Axial rigidity
Ca _M	67	N/um	Axial rigidity
Ca _H	91.4	N/um	Axial rigidity
Limiting speeds	53000	r/min	Lubrication: oil
	34000	r/min	Lubrication: grease