

PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 7010CTA/HQ1P4S HCB7010 C T P4S UL  
PRECISION P4S  
CERAMIC BALL



d	50	mm	
D	80	mm	
B	16	mm	
c	16.7	mm	
Da	74	mm	Tolerance: H12
da	56	mm	Tolerance: h12
r <sub>min</sub>	1	mm	
r1 <sub>min</sub>	0.6	mm	
ra <sub>max</sub>	1	mm	
ra1 <sub>max</sub>	0.3	mm	
α	15°		Contact angle
m	0.214	kg	Mass
Cr	25970	N	Basic dynamic load rating, radial
Cor	15340	N	Basic static load rating, radial
Fv <sub>L</sub>	150	N	Preload force
Fv <sub>M</sub>	390	N	Preload force
Fv <sub>H</sub>	780	N	Preload force
Ca <sub>L</sub>	62.8	N/um	Axial rigidity
Ca <sub>M</sub>	94.1	N/um	Axial rigidity
Ca <sub>H</sub>	129.8	N/um	Axial rigidity
Limiting speeds	38000	r/min	Lubrication: oil
	24000	r/min	Lubrication: grease