

PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 71912CTA/HQ1P4S HCB71912 C T P4S UL  
PRECISION P4S  
CERAMIC BALL



d	60	mm	
D	85	mm	
B	13	mm	
c	16.2	mm	
Da	79	mm	Tolerance: H12
da	66	mm	Tolerance: h12
r <sub>min</sub>	1	mm	
r1 <sub>min</sub>	0.6	mm	
ra <sub>max</sub>	0.6	mm	
ra1 <sub>max</sub>	0.6	mm	
α	15°		Contact angle
m	0.161	kg	Mass
Cr	23980	N	Basic dynamic load rating, radial
Cor	15920	N	Basic static load rating, radial
Fv <sub>L</sub>	120	N	Preload force
Fv <sub>M</sub>	290	N	Preload force
Fv <sub>H</sub>	590	N	Preload force
Ca <sub>L</sub>	63.2	N/um	Axial rigidity
Ca <sub>M</sub>	91	N/um	Axial rigidity
Ca <sub>H</sub>	125.1	N/um	Axial rigidity
Limiting speeds	34000	r/min	Lubrication: oil
	22000	r/min	Lubrication: grease