

PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 71909ACTA/HQ1P4S HCB71909 E T P4S UL  
PRECISION P4S  
CERAMIC BALL



d	45	mm	
D	68	mm	
B	12	mm	
c	19.2	mm	
Da	63	mm	Tolerance: H12
da	50	mm	Tolerance: h12
r <sub>min</sub>	0.6	mm	
r <sub>l min</sub>	0.6	mm	
r <sub>a max</sub>	0.6	mm	
r <sub>al max</sub>	0.6	mm	
α	25°		Contact angle
m	0.117	kg	Mass
Cr	14330	N	Basic dynamic load rating, radial
Cor	8780	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>	127	N/um	Axial rigidity
Ca <sub>M</sub>	171.8	N/um	Axial rigidity
Ca <sub>H</sub>	225.9	N/um	Axial rigidity
Limiting speeds	40000	r/min	Lubrication: oil
	26000	r/min	Lubrication: grease