

PRECISION ANGULAR CONTACT BALL BEARINGS

TYPE 7004ACTA/HQ1P4S HCB7004 E T P4S UL  
PRECISION P4S  
CERAMIC BALL



d	20	mm	
D	42	mm	
B	12	mm	
c	13.2	mm	
Da	37	mm	Tolerance: H12
da	25	mm	Tolerance: h12
r <sub>min</sub>	0.6	mm	
r <sub>l min</sub>	0.3	mm	
ra <sub>max</sub>	0.6	mm	
ra <sub>l max</sub>	0.3	mm	
α	25°		Contact angle
m	0.061	kg	Mass
Cr	10630	N	Basic dynamic load rating, radial
Cor	4390	N	Basic static load rating, radial
Fv <sub>L</sub>	78	N	Preload force
Fv <sub>M</sub>	200	N	Preload force
Fv <sub>H</sub>	390	N	Preload force
Ca <sub>L</sub>	69.7	N/um	Axial rigidity
Ca <sub>M</sub>	99	N/um	Axial rigidity
Ca <sub>H</sub>	128.3	N/um	Axial rigidity
Limiting speeds	75000	r/min	Lubrication: oil
	48000	r/min	Lubrication: grease