

Angular Contact Ball Bearing

DLR Design Super precision angular contact ball bearings -**HCB71908-CDLR-T-P4S**



Designation	HCB71908-CDLR-T-P4S
Main dimensions	
d	40
D	62
B	12
Basic load ratings	
Dyn. Cr(KN)	18
Stat. Cor(kN)	9.4
Fatigue limit load	
Cur N	720
Limiting speeds	
nG grease min	32000
nG oil min	50000
Dimensions	
r min.	0.6
r1 min.	0.6
BN	2.2
SN	6.6
SB	1.4
Contact angle	
a °	15
Mounting dimensions	
da h12	45
Da H12	58.5
ra max.	0.6
ra1 max.	0.15
Preload force FV	
L N	39
M N	156
H N	337
Lift-off force KaE	
L N	116
M N	494
H N	1127
Axial rigidity ca	
L N/μm	33.5
M N/μm	59.2
H N/μm	84.7
Mass	
m = kg	0.086

Spindle bearing

Spindle bearings HCB70/72/718/719..-EDLR, adjusted, matched pairs or sets, contact angle $\alpha = 25^\circ$, with ceramic balls, restricted tolerances, for direct oil feed via outer ring, with inserted O rings