

Angular Contact Ball Bearing

DLR Design Super precision angular contact ball bearings -**HC71915-EDLR-T-P4S**



Designation	HC71915-EDLR-T-P4S
Main dimensions	
d	75
D	105
B	16
Basic load ratings	
Dyn. Cr(KN)	17.2
Stat. Cor(kN)	12.5
Fatigue limit load	
Cur N	950
Limiting speeds	
nG grease min	20000
nG oil min	32000
Dimensions	
r min.	1
r1 min.	1
BN	3.1
SN	9.3
SB	1.4
Contact angle	
a °	25
Mounting dimensions	
da h12	81
Da H12	99.5
ra max.	0.6
ra1 max.	0.3
Preload force FV	
L N	70
M N	210
H N	421
Lift-off force KaE	
L N	201
M N	611
H N	1240
Axial rigidity ca	
L N/μm	123
M N/μm	181
H N/μm	233
Mass	
m = kg	0.345

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