

Angular Contact Ball Bearing

DLR Design Super precision angular contact ball bearings -**XC71922-EDLR-T-P4S**



Designation	XC71922-EDLR-T-P4S
Main dimensions	
d	110
D	150
B	20
Basic load ratings	
Dyn. Cr(KN)	49
Stat. Cor(kN)	26
Fatigue limit load	
Cur N	1720
Limiting speeds	
nG grease min	16000
nG oil min	24000
Dimensions	
r min.	1.1
r1 min.	1.1
BN	4
SN	12
SB	2.2
Contact angle	
a °	25
Mounting dimensions	
da h12	117
Da H12	143
ra max.	0.6
ra1 max.	0.6
Preload force FV	
L N	131
M N	393
H N	787
Lift-off force KaE	
L N	375
M N	1141
H N	2312
Axial rigidity ca	
L N/μm	178
M N/μm	262
H N/μm	337
Mass	
m = kg	0.82

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