



VEX 80 7CE1 DDL angular contact high speed bearing

Specifications

Cage material	Stratified phenolic resin
Ring and balls material	Gcr15 Chrome steel(Equal to AISI52100)
Weights	1.93KG/pair
Precision	ABEC7
Angular contact degree	15
Guide type	Outer ring guiding
Matching type	A pair, marched by back to back

Dimensions

Bore Sizes d	80mm
Outside Diameter D	125mm
Inside And Outside Ring Width B	22mm
d1	95.8mm
D1	112.6mm
Radius r 1, r2 min.	1.1mm
Radius r3, r4 min.	0.6mm

Basic Load Ratings

Cr Dynamic Load Rating	33.8kN
C0r Static Load Rating	28kN

Limit Speed

Reference Speed Rating(Grease)	13,000rpm
Reference Speed Rating(oil)	22,000rpm

Relative mounting measures

da(Min.)	61mm
db(Min.)	61mm
Da(Max.)	84mm
Db(Max.)	85.8mm
ra(Max.)	1.1mm
rb(Max.)	0.6mm