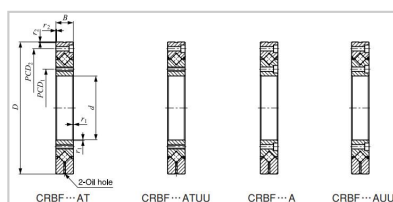


Crossed Roller Bearing

CRBF full completement crossed roller bearings-



Boundary dimensions mm

d	20
r 2min	CRBF2012AT
r 1min	CRBF2012ATUU
B	20
D	70

Identification number

Sealed Type	12
Open Type	0.3
Shaft dia. mm	0.3
Mass (Ref.) kg	28
Basic static load rating C 0 N	6-M3 through

Basic dynamic load rating C N

Mounting dimensions mm

Da	6-φ3.4 through φ6.5 counter bore depth 3.3
d a	36.5

Mounting holes mm

PCD1	48.5
Inner ring Mounting holes	7600
PCD2	8370
Outer ring Mounting holes	0.31

CRBF Super Slim Crossed Roller Bearings with mounting hole have an ultra-slim 5 mm bearing width□it's easy bolt-on mounting eliminates complex mounting procedures.Mounting Holed Type Super Slim Crossed Roller Bearings can be mounted directly to the mounting surface. No housing or pressure plate required.

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Mounting:

The shoulder height diameters (d_a and D_a) which are related to mounting must meet the values shown in the dimension tables. When used with a housing, it is recommended to use a slight interference fit adjusted to the actual measured dimensions of the outer and inner ring. In addition, the depth of the housing bore is recommended to be equal to or larger than the bearing width. Mounting Holed Type Super Slim Crossed Roller Bearings have a plug hole for inserting cylindrical rollers. When mounting the bearings, position the plug away from the maximum load. The plug is located by the pin on the side.