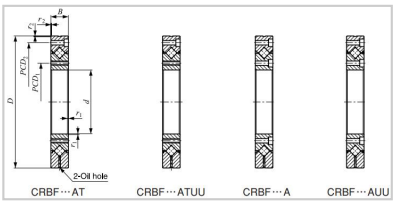
Crossed Roller Bearing

CRBF full compeletment crossed roller bearings-



Boundary dimensions mm	
d	80
r 2min	CRBF8022AT
r 1min	CRBF8022ATUU
B	80
D	165
Identification number	
Sealed Type	22
Open Type	0.6
Shaft dia. mm	1
Mass (Ref.) kg	97
Basic static load rating C 0 N	10-M5 through 10- φ 5.5 through φ 9.5 counter bore
Basic dynamic load rating C N	148
Mounting dimensions mm	
Da	10-φ5.5 through φ9.5 counter bore depth 5.4
d a	107
Mounting holes mm	
PCD1	137
Inner ring Mounting holes	51100
PCD2	72000
Outer ring Mounting holes	2.63

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Mounting:

The shoulder height diameters (da and Da) 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.