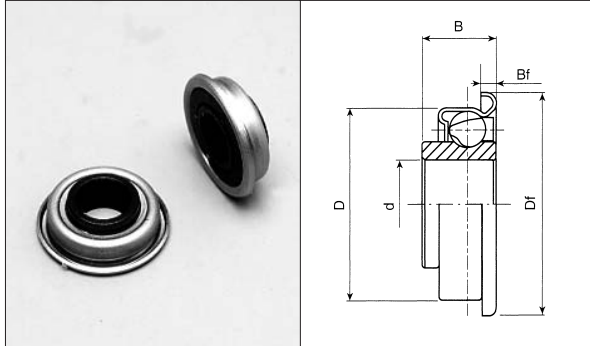
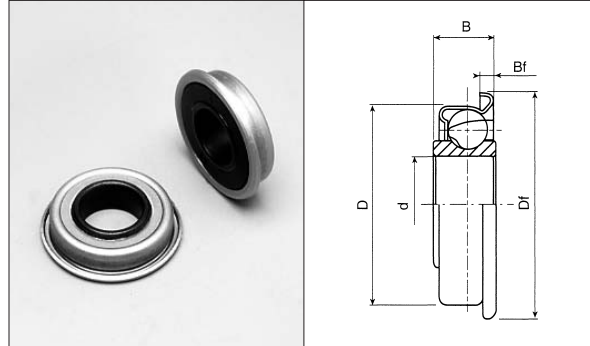


DIMENSION

TPF-613ZZ-5



TPF-816ZZ-5



Dimension table

Code	Part No.	d ^{+0.03} [mm]	D _{-0.05} [mm]	Df ^{±0.1} [mm]	B _{-0.1} [mm]	Bf ^{±0.1} [mm]	Load * [N] (kgf)	Remarks
750001	TPF-613ZZ-5	6	13	15.2	5	1.1	19.6 (2)	VA model of JIS 686ZZ (Flanged and NR type)
750101	TPF-816ZZ-5	8	16	18.2	5	1.1	19.6 (2)	VA model of JIS 688ZZ (Flanged and NR type)

* Tested at an allowable load of 1500rpm-1 for 100,000,000 rotations in our companies testing facility.

DESIGN SPECIFICATIONS

1. Recommended mounting bore diameter
 TPF-613ZZ-5 : 13mm+0.05/-0 diameter
 TPF-816ZZ-5 : 16mm+0.05/-0 diameter
2. Recommended plate thickness : 1.2 ≤
3. Operational Temperature : 0 degrees C – 80 degrees C
4. Storage Temperature : – 20 degrees C – 100 degrees C

ENDURANCE DATA

TEST SAMPLE TPF-613ZZ-5
 ROTATION OF INNER RACES
 USING A 5.99 DIA SHAFT

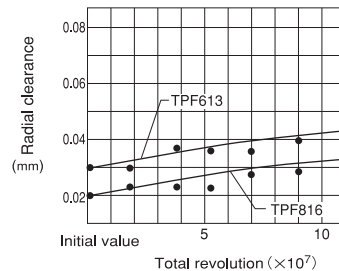
TPF-816ZZ-5
 ROTATION OF INNER RACES
 USING A 7.99 DIA SHAFT

TEST CONDITION TOK'S TEST EQUIPMENT
 RADIAL LOAD 19.6N (2kgf)

RPM's 1500
 REVOLUTION REPEATED ROTATION
 MODE OF THE INNER RACES

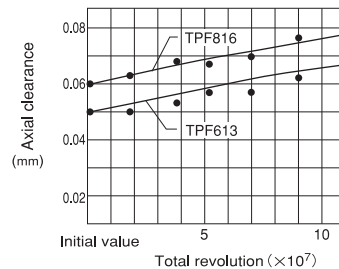
TOTAL REVOLUTIONS 108,000,000 CYCLES

TEMPERATURE 23 DEGREES "C" +/- 2



Variation of radial clearance

	TPF-613ZZ-5 Radial clearance [mm]	TPF-816ZZ-5 Radial clearance [mm]
Initial value	0.030	0.020
1.8×10 ⁷	0.030	0.025
3.6×10 ⁷	0.040	0.025
5.4×10 ⁷	0.040	0.025
7.2×10 ⁷	0.040	0.030
9.0×10 ⁷	0.045	0.030
10.8×10 ⁷	0.050	0.035
Variation value	+0.020	+0.015



Variation of axial clearance

	TPF-613ZZ-5 Axial clearance [mm]	TPF-816ZZ-5 Axial clearance [mm]
Initial value	0.050	0.060
1.8×10 ⁷	0.050	0.065
3.6×10 ⁷	0.055	0.070
5.4×10 ⁷	0.060	0.070
7.2×10 ⁷	0.060	0.075
9.0×10 ⁷	0.065	0.080
10.8×10 ⁷	0.070	0.080
Variation value	+0.020	+0.020

TOK BEARING CO.,LTD.

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Product specification are subject to change without prior notice.

Before assembly or use of any bearing, please read "Caution for Use"