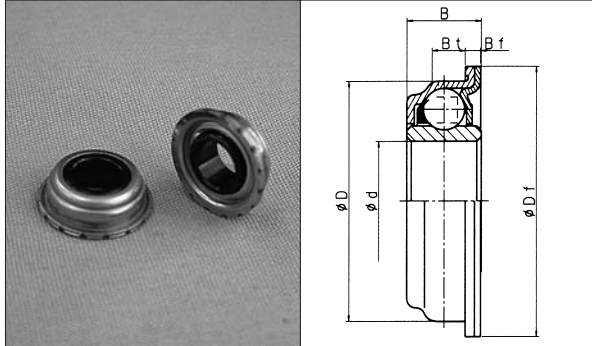
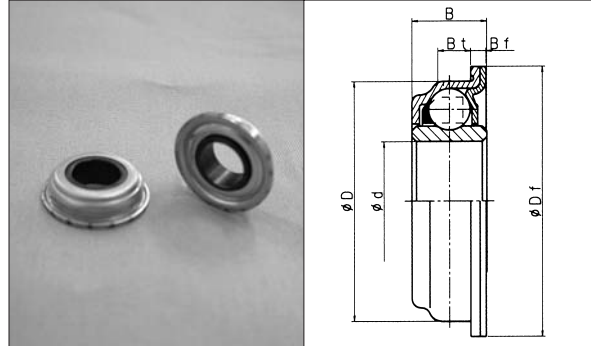


DIMENSION

THF-612ZZ-4.5



THF-816ZZ-5



Dimension table

Code	Part No.	d ^{+0.03} [mm]	D _{-0.05} [mm]	Df ^{±0.1} [mm]	B _{-0.1} [mm]	Bf [mm]	Bt ^{+0.2} [mm]	Load * [N] (kgf)	Remarks
760001	THF-612ZZ-4.5	6	12	14	4.5	0.8 ^{±0.1}	1.8	49 (5)	
760002	THF-816ZZ-5	8	16	18	5	1.1 _{-0.2}	1.8	78.4 (8)	VA model of JIS 688ZZ (Flanged and NR type)

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

DESIGN SPECIFICATIONS

1. Recommended mounting bore diameter
THF-612ZZ-4.5 : 12mm+0.05/-0 diameter
THF-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 THF-612ZZ-4.5
ROTATION OF INNER RACES
USING A 5.99 DIA SHAFT

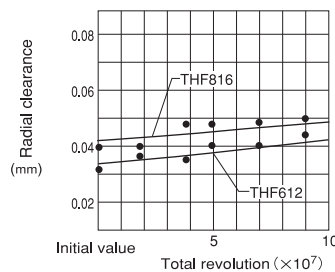
THF-816ZZ-5
ROTATION OF INNER RACES
USING A 7.99 DIA SHAFT

TEST CONDITION TOK'S TEST EQUIPMENT
RADIAL LOAD 49.0N(5kgf) : THF-612ZZ-4.5
78.4N(8kgf) : THF-816ZZ-5

REVOLUTION 1500 min⁻¹
MODE ROTATION OF 6 SECONDS
STOP FOR 1 SECOND

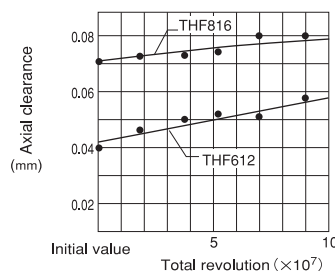
TOTAL 100,000,000 CYCLES
REVOLUTIONS

TEMPERATURE 23 DEGREES"C" +/-2



Variation of radial clearance

	THF-612ZZ-4.5 Radial clearance [mm]	THF-816ZZ-5 Radial clearance [mm]
Initial value	0.030	0.040
1.0×10 ⁷	0.035	0.040
3.0×10 ⁷	0.035	0.050
5.0×10 ⁷	0.040	0.050
7.0×10 ⁷	0.040	0.050
9.0×10 ⁷	0.045	0.050
11.0×10 ⁷	0.045	0.050
Variation value	+0.015	+0.010



Variation of axial clearance

	THF-612ZZ-4.5 Axial clearance [mm]	THF-816ZZ-5 Axial clearance [mm]
Initial value	0.040	0.070
1.0×10 ⁷	0.045	0.070
3.0×10 ⁷	0.050	0.070
5.0×10 ⁷	0.050	0.070
7.0×10 ⁷	0.050	0.080
9.0×10 ⁷	0.055	0.080
11.0×10 ⁷	0.060	0.080
Variation value	+0.020	+0.010

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EMAIL : overseas@tok-bearing.co.jp

Product specification are subject to change without prior notice.

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