

## GFR40 One Way Clutches Roller Type (40x125x86mm) Stieber bearing supported Free

### A . One Way Clutches Roller Type Parameters

**Brand-** TMP  
**number-** **GFR40**  
**ing(mm)-** 40  
**ing(mm)-** 125  
**th(mm)-** 86  
**ight(Kg)-** 4.6  
**que(Nm)-** 1025  
**aterials-** GCR15  
**Series-** GFR  
**ion type-** Grease/oil  
**tch type-** Roller  
**recision-** P0  
**tructure-** Types GFR, GFRN are roller type freewheels. They are bearing supported, using

### B . GFR40 One Way Clutches Roller Type Specification Sheet

Model Number	Torgue	Overrunning speeds(r/min)		Diameter[mm]												Size	Num	Weight
	TKN(Nm)	ni	na	d	D	D 2	D 4	D 3	t	L1	L	B	t1	b	f	G	z	[kg]
GFR40	1025	1150	3400	40	125	55	90	108	14	86	53	59	5	12	1,5	M8	6	4.6

### C . GFR Series One Way Clutches Roller Type Details

**Product** One Way Clutches Roller Type mainly used as Overrunning and Indexing clutches;  
 Overrunning clutches: The freewheel disengages automatically when the driven member rotates faster than the driving member.  
 Indexing clutch: The freewheel allows the conversion of reciprocating motion into a discontinuous rotational movement.

**Series Introduction** Types GFR, GFRN are roller type freewheels. They are bearing supported, using two 160.. series bearings, and require oil lubrication. These units may be used in designs providing oil lubrication and sealing as on the example overleaf. The bearings must not be axially stressed. Typically, types GFR, GFRN are used with the F series covers that are designed to transmit torque, and provide oil lubrication and sealing. Usually these covers are used in pairs according to combinations shown on the following pages. The outer race of the GFR model is plain to receive and center any component bored to H7 tolerance. Torque is transmitted by bolts through the cover plate in this case. Types GFR, GFRN are identical except that type GFRN has a keyway on the outside diameter to transmit the torque. Two paper seals are delivered with each unit to be placed between the outer race and

**Series Model No.** [GFR12](#) [GFR15](#) [GFR20](#) [GFR25](#) [GFR30](#) [GFR35](#) [GFR40](#) [GFR45](#) [GFR50](#) [GFR55](#) [GFR60](#) [GFR70](#) [GFR80](#) [GFR90](#) [GFR100](#) [GFR130](#) [GFR150](#)  
[GFRN12](#) [GFRN15](#) [GFRN20](#) [GFRN25](#) [GFRN30](#) [GFRN35](#) [GFRN40](#) [GFRN45](#) [GFRN50](#) [GFRN55](#) [GFRN60](#) [GFRN70](#) [GFRN80](#) [GFRN90](#) [GFRN100](#) [GFRN130](#) [GFRN150](#)

**Applications** Reducers , Flender Gearbox ,SEW Gearbox;  
 Overrunning clutch: for multiple-machine drives or to separate the inertia of masses of a driven machine from the driving machine after it has been switched off.  
 Indexing clutch: which turns a shaft step by step, thus achieving indexed material feed or a variable speed.  
 Backstop clutch: to prevent a machine shaft turning backwards. In this case the overrunning clutch acts as a brake.

#### **D . GFR type One Way Clutches Roller Type Installation & Cautions**

For all freewheel inner races connected to shaft by a key, our stand-ard bore tolerance is H7, with keyway to JS10. If no other indication we recommend a shaft tolerance of h6 or j6. For maximum indexing accuracy, adjusted keys should be machined to give no clearance. Shaft and bore tolerances are speci-fied on the pages for each type where press fitting is appropriate.As with standard bearings, suitable tooling must be used for press fitting such that no axial load is transmitted through the inner part of the freewheel during assembly.

<http://www.aliexpress.com/store/1500617>

<http://www.aliexpress.com/store/1462552>

<http://www.tradebearings.com/so21986/>

<http://tmpmachine.sell.everychina.com/>

<http://so21986.tradeprince.com/>

[TMP Bearings,Crossed roller bearing,Thin section bearing,Turtable bearing,Ceramic Ball Bearings,Bearing,Slewing bearing,Robotic bearing,YRT Rotary Table Bearing,Angular Contact Ball Bearing,Thin section ball bearing ,One Way Clutches,One Way Bearings,Drawn Cup Roller Clutches,Overrunning clutches,Indexing clutches,Backstop clutches](#)