

Cage Freewheels SF ... P

for assembly with inner and outer ring
for high run out (T.I.R.), with sprags



Application as

- ▶ Backstop
- ▶ Overrunning Clutch
- ▶ Indexing Freewheel

Features

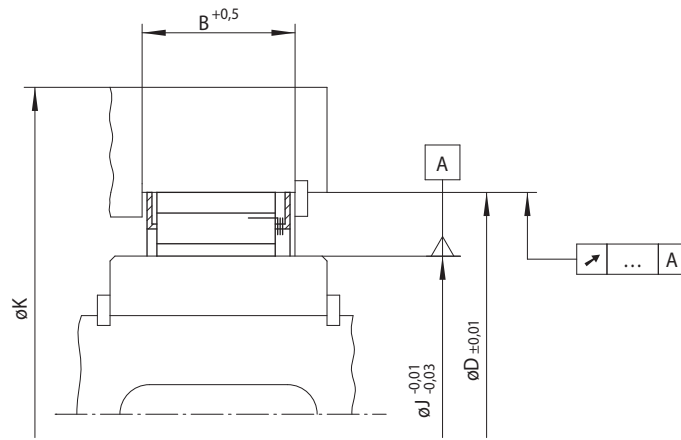
Cage Freewheels SF ... P are sprag freewheels to be installed between customer-supplied inner and outer rings.

Nominal torques up to 5 800 Nm.

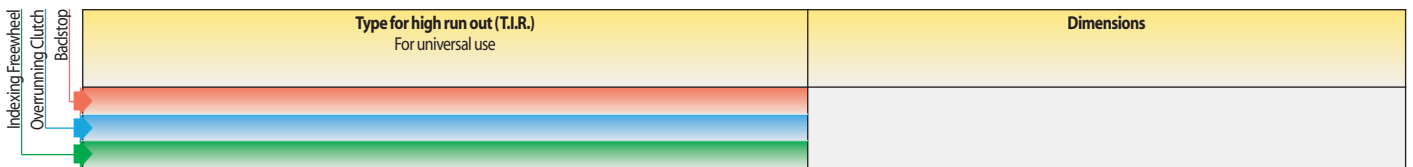
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Freewheel Size	Type	Theoretical nominal torque [Symbol] 0,0 A Nm	Nominal torque at existing run out (T.I.R.)				J mm	D mm	B mm	K mm	Sprags Quantity	Weight kg
			[Symbol] 0,05 A Nm	[Symbol] 0,1 A Nm	[Symbol] 0,15 A Nm	[Symbol] 0,2 A Nm						
SF 37-14,5	P	230	210	200	200	37,00	55,00	14,5	75	14	0,06	
SF 44-14,5	P	420	390	360	350	44,00	62,00	14,5	90	20	0,08	
SF 57-18,5	P	1 200	960	750	600	57,00	75,00	18,5	100	24	0,13	
SF 72-23,5	P	2 700	2 200	1 700	1 400	72,00	90,00	23,5	130	32	0,23	
SF 82-25	P	2 800	2 400	1 900	1 500	82,00	100,00	25,0	135	36	0,26	
SF 107-25	P	4 100	3 300	2 700	2 100	107,00	125,00	25,0	165	48	0,35	
SF 127-25	P	5 800	4 800	3 900	3 100	127,00	145,00	25,0	200	56	0,40	

Cage Freewheels SF ... P are available with short delivery times.

The maximum transmissible torque is 2 times the specified nominal torque. See page 14 for determination of selection torque.

The theoretical nominal torque applies only for ideal concentricity between the inner and outer ring. In practice, the concentricity is affected by the bearing play and centering errors of the neighbouring parts. Then the nominal torques specified in the table apply, whilst taking into consideration the existing run out (T.I.R.).

Mounting

The lateral guidance of the Cage Freewheels can be effected either by a shoulder on the outer ring or by guard rings or guard discs which are fixed in the outer ring.

Torque transmission capacity can be increased if several cages are arranged side by side. In this case please consult with RINGSPANN on transmissible torques.

Please note the technical points on page 108 regarding the sprag tracks.

Example for ordering

Freewheel size SF 44-14,5 type for high run out (T.I.R.):

- SF 44-14,5 P

Morskate®



Any questions? Please contact us.

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