

Type: REUK/REUKC/REUKCC/REUK2RS

The REUK Series is a Freewheel incorporating a 62 Series bearing.

The self-centering freewheels are already grease-lubricated and come with dust-proof protection.

For the REUK model, the transmission occurs by mounting the inner race onto a shaft with an n6 tolerance. The outer race is fitted into a housing with an N6 tolerance.

The REUKC model is equipped with a keyway on the inner race and should be fitted on k6 tolerance shafts. The outer race is fitted into a housing with an N6 tolerance.

The REUKCC model is equipped with a keyway on the inner and outer race. The inner race is fitted onto a shaft with an n6 tolerance. The outer race is fitted into a housing with an H6 tolerance.

The REUK2RS model is equipped with waterproof seals.

The REUK Series is built with a C5 clearance that turns into a normal clearance after keying.

The races can be glued to the shaft and the seat. In this case, the clearance remains C5.

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REUK Series

Type	d _{H7}	D _{h6}	L	b	t	T _N [1]	Weight	n _{max}	Dynamic Load Capacity	Static Load Capacity	Bearing series	Resistance torque	b1 (JS9) mm	t1 mm
	(mm)	(mm)	(mm)	(mm)	(mm)	(Nm)	(Kg)	(min ⁻¹)	(N)	(N)				
REUK 8 ZZ	8	22	9			2.5	0.02	15000	3300	860	-	0.005		
REUK 12 ZZ	12	32	10			2.5	0.04	10000	6100	2770	6201 ZZ	0.005		
REUK 15 ZZ	15	35	11			16.9	0.06	8400	7400	3400	6202 ZZ	0.009		
REUK 17 ZZ	17	40	12			30.6	0.07	7350	7900	3800	6203 ZZ	0.011		
REUK 20 ZZ	20	47	14			50	0.11	6000	9400	4450	6204 ZZ	0.013		
REUK 25 ZZ	25	52	15			85	0.14	5200	10700	5450	6205 ZZ	0.020		
REUK 30 ZZ	30	62	16			138	0.21	4200	11700	6450	6206 ZZ	0.044		
REUK 35 ZZ	35	72	17			175	0.30	3600	12600	7250	6207 ZZ	0.058		
REUK 40 ZZ	40	80	22			325	0.50	3000	15540	12250	-	0.070		
REUKC 12 ZZ	12	32	10	4	1.3	9.3	0.04	10000	6100	2770	6201 ZZ	0.007		
REUKC 15 ZZ	15	35	11	5	1.2	16.9	0.06	8400	7400	3400	6202 ZZ	0.009		
REUKC 17 ZZ	17	40	12	5	1.2	30.6	0.07	7350	7900	3800	6203 ZZ	0.011		
REUKC 20 ZZ	20	47	14	6	1.6	50	0.11	6000	9400	4450	6204 ZZ	0.013		
REUKC 25 ZZ	25	52	15	8	2	85	0.14	5200	10700	5450	6205 ZZ	0.020		
REUKC 30 ZZ	30	62	16	8	2	138	0.21	4200	11700	6450	6206 ZZ	0.044		
REUKC 35 ZZ	35	72	17	10	2.4	175	0.30	3600	12600	7250	6207 ZZ	0.058		
REUKC 40 ZZ	40	80	22	12	3.3	325	0.50	3000	15540	12250	-	0.070		
REUKCC 15 ZZ	15	35	11	5	1.2	16.9	0.06	8400	7400	3400	6202 ZZ	0.009	2	0.6
REUKCC 17 ZZ	17	40	12	5	1.2	30.6	0.07	7350	7900	3800	6203 ZZ	0.011	2	1
REUKCC 20 ZZ	20	47	14	6	1.6	50	0.11	6000	9400	4450	6204 ZZ	0.013	3	1.5
REUKCC 25 ZZ	25	52	15	8	2	85	0.14	5200	10700	5450	6205 ZZ	0.020	6	2
REUKCC 30 ZZ	30	62	16	8	2	138	0.21	4200	11700	6450	6206 ZZ	0.044	6	2
REUKCC 35 ZZ	35	72	17	10	2.4	175	0.30	3600	12600	7250	6207 ZZ	0.058	8	2.5
REUKCC 40 ZZ*	40	80	22	12	3.3	325	0.50	3000	15540	12250	-	0.070	10	3
REUK 17 2RS	17	40	17			30.6	0.09	7350	7900	3800	-	0.056		
REUK 20 2RS	20	47	19			50	0.145	6000	9400	4450	-	0.06		
REUK 25 2RS	25	52	20			85	0.175	5200	10700	5450	-	0.06		
REUK 30 2RS	30	62	21			138	0.27	4200	11700	6450	-	0.075		

Notes

$$T_{MAX} = 2 \times T_N$$

Keyway REUKC 15-35 DIN 6885 part 3

Keyway REUKC 40 DIN 6885 part 1

*Manufactured on request

