



Item No.	Dimensions (mm)						Bearing Series	Torque Capacity Nm	Overrunning Speed RPM	Bearing Loads (kN)		Weight kg	Resistance Ncm
	d (-0,01)	D (h5)	b	N (JS9)	M	h				Dynamic C	Static C ₀		
KK8	8	22	9	-	-	-	-	2	15.000	3,28	0,86	0,015	0,5
KK12	12	32	10	-	4 x 1,8	-	6201	7,4	10.000	6,10	2,77	0,040	0,7
KK15	15	35	11	2	5 x 1,2	0,6	6202	13,5	8.400	7,40	3,42	0,060	0,9
KK17	17	40	12	2	5 x 1,2	1	6203	24,5	7.350	7,90	3,80	0,070	1,1
KK20	20	47	14	3	6 x 1,6	1,5	6204	40	6.000	9,40	4,46	0,110	1,3
KK25	25	52	15	6	8 x 2	2	6205	68	5.200	10,70	5,46	0,140	2,0
KK30	30	62	16	6	8 x 2	2	6206	110	4.200	11,70	6,45	0,210	4,4
KK35	35	72	17	8	10 x 2,4	2,5	6207	140	3.600	12,60	7,28	0,300	5,8
KK40	40	80	22	10	12 x 2,2	3	-	260	3.000	15,54	12,25	0,500	7,0
KK8.2RS*	8	22	9	-	-	-	-	2	15.000	3,28	0,86	0,015	0,8
KK12.2RS	12	32	14	-	4 x 1,8	-	-	7,4	10.000	6,10	2,77	0,050	3,0
KK15.2RS	15	35	16	2	5 x 1,2	0,6	-	13,5	8.400	7,40	3,42	0,070	4,0
KK17.2RS	17	40	17	2	5 x 1,2	1	-	24,5	7.350	7,90	3,80	0,090	5,6
KK20.2RS	20	47	19	3	6 x 1,6	1,5	-	40	6.000	9,40	4,46	0,145	6,0
KK25.2RS	25	52	20	6	8 x 2	2	-	68	5.200	10,70	5,46	0,175	6,0
KK30.2RS	30	62	21	6	8 x 2	2	-	110	4.200	11,70	6,45	0,270	7,5
KK35.2RS	35	72	22	8	10 x 2,4	2,5	-	140	3.600	12,60	7,28	0,400	8,2
KK40.2RS	40	80	27	10	12 x 2,2	3	-	260	3.000	15,54	12,25	0,600	10,0

* KK8.2RS is only equipped with one rubber seal on the ball bearing side.

The KK type one way clutch are grease lubricated and sealed against coarse dirt (>0,3 mm). Permissible operating temperatures are from -40°C to +120°C. It is recommended to use additional sealing when operating temperatures rise above 50°C. The 2RS types come with an integrated rubber lip seal for better dirt and moisture protection, they are a bit wider to accommodate for the seals.

To prevent the inner ring and outer ring from slipping during the backstop operation, they have to be mounted with a firm press fit. We recommend a N6 tolerance for the housing and a n6 tolerance for the shaft. KK one way clutches are also available with slots for keyway locking, add suffix P after the item no. size for a single keyway in the inner ring. For a keyway in both the outer and inner ring, add the suffix PP.

P models are available from size 12 and up, PP models are available from size 15 and up.

I.e.: KK25PP.2RS for a KK bearing with slot in inner ring and outer ring plus 2RS rubber seals.

For the P models, use a k6 tolerance for the shaft. For PP models, use a k6 tolerance for the shaft, and K6 for the housing. A light press fit assembly is also possible with the PP series, use a h6 tolerance for the shaft and a H6 tolerance for the housing.

The inner ring keyway slots are suitable for DIN 6885-3 keys.