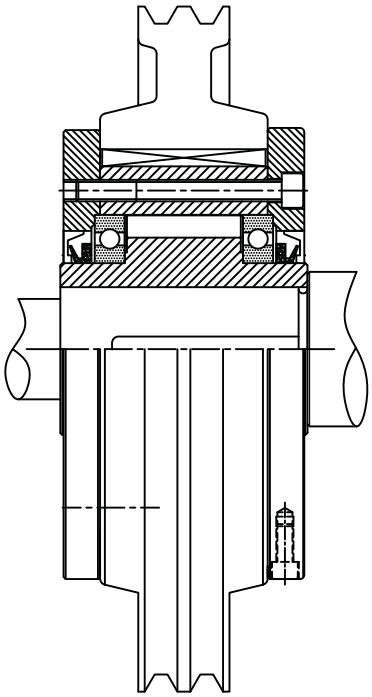
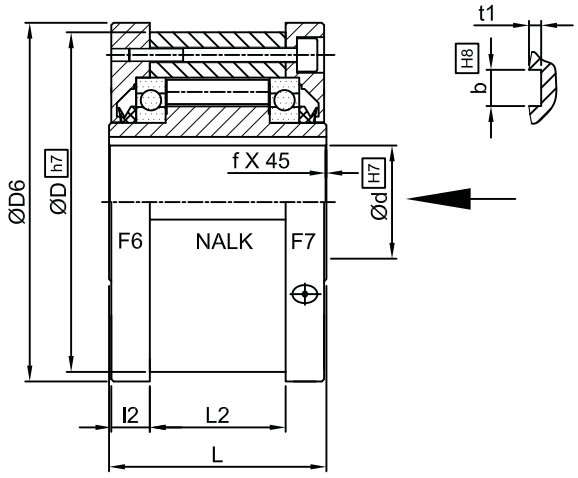
NALK F6F7

◆ Features :

- Trapped rollers Freewheels NALK F6F7 model is Self-centering by means of V-Sealing & pairs of ball bearing supported.
- Requires Oil lubrication.
- Component mounted onto the outside diameter of Outer race should be bored to H7 tolerance & Shaft tolerance must be h6.
- This model has keyway on the outer side diameter to transmit torque.
- This models are also supplied with F6 & F7 flange covers which are act as close units.
- Bore range : up to 250 mm
- Transmitting torque : 287500 Nm

◆ Mounting Example:





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d (H7)	Max. Torque	Max. Overrunning RPM Inner	Outer	D (h7)	D6	L	L2	l2	t1	b^{H8}	f	Weight
mm	Nm			mm	mm	mm	mm	mm	mm	mm	mm	kg
12	55	2500	7200	62	70	42	20	10.4	2.4	4	0.5	1
15	125	1900	6500	68	76	52	28	11.4	2.9	5	0.8	1.4
20	181	1600	5600	75	84	57	34	10.9	3.5	6	0.8	1.9
25	288	1400	4500	90	99	60	35	11.9	4.1	8	1	2.8
30	500	1300	4100	100	109	68	43	11.9	4.1	8	1	3.7
35	725	1100	3800	110	119	74	45	13.4	4.7	10	1	4.7
40	1025	950	3400	125	135	86	53	15.4	4.9	12	1.5	7.1
45	1125	900	3200	130	140	86	53	15.4	5.5	14	1.5	7.4
50	2125	850	2800	150	160	92	64	12.9	5.5	14	1.5	10.4
55	2625	720	2650	160	170	104	66	17.5	6.2	16	2	13.4
60	3500	680	2450	170	182	114	78	16.5	6.8	18	2	15.9
70	5750	580	2150	190	202	134	95	18	7.4	20	2.5	20.8
80	8500	480	1900	210	222	144	100	20.5	8.5	22	2.5	27.1
90	14500	380	1700	230	242	158	115	20	8.7	25	3	39.4
100	20000	350	1450	270	282	182	120	28.5	9.9	28	3	66.4
120	31250	250	1250	310	322	202	152	22.5	11.1	32	3	91.5
150	70000	180	980	400	415	246	180	31	12.3	36	4	187
200	175000	120	750	520	540	326	240	40	15	45	5	430
250	287500	100	620	610	630	396	300	45	15	45	5	688

Notes :

1) Function : Overrunning, Backstopping, Indexing
2) Tmax = 2 x Tn.
3) The maximum Overrunning speeds are for Oil lubrication only.
4) Shaft dia. is to be controlled within h6/j6.
5) Keyway as per DIN 6885 - 1.
6) Other sizes on request.
7) All dimensions are in m.m.
8) We manufacturing in inch series also.

Ordering Example :

➢When ordering please specify bore dia. with direction of Rotation of inner race freewheeling seen from Arrow, CW for Clockwise & CCW for Anti-clockwise.

➢ **NAL F6F7 50 - 50 CW**

Dimensions/Design subject to modifications without any prior intimation.