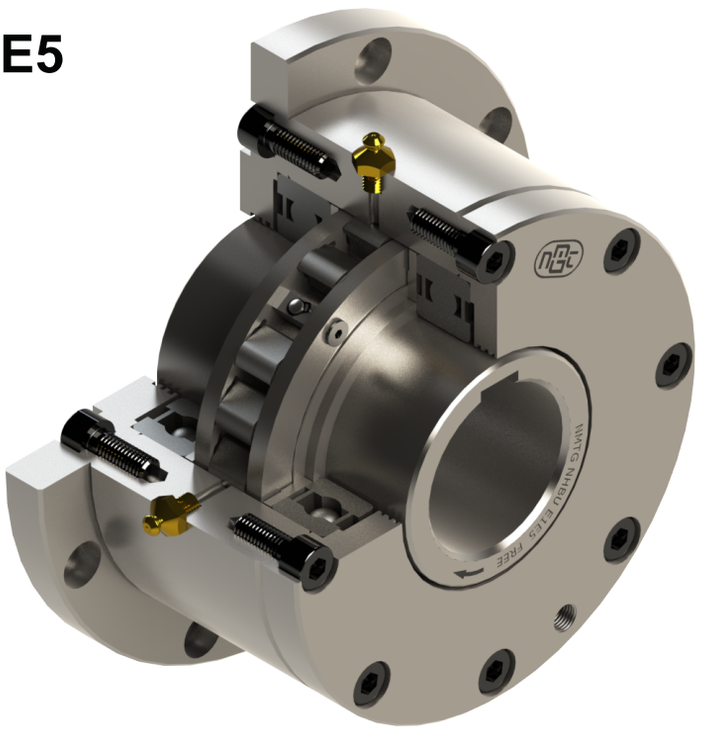
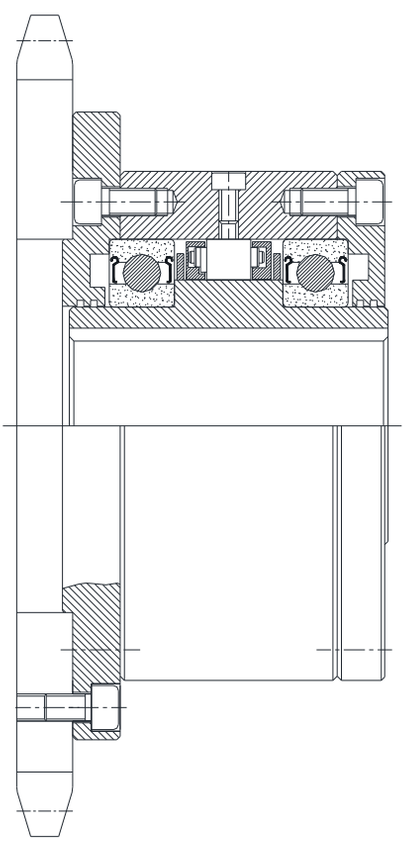
NHBU E1E5



❖ **Features:**

- This type of Freewheel Clutch is designed with ball bearings to be assembled with customer connecting parts
- Requires grease Lubrication
- Component mounted onto the Outside diameter of Outer race should be bored to H7 Tolerance.
- This type of Combination is used as Overrunning & Backstopping in which E5 cover as a Spigot type flange cover & E1 cover as a simple End cover.
- Bore range : up to 150 mm
- Transmitting torque : 33908 Nm

◆ **Mounting Example:**



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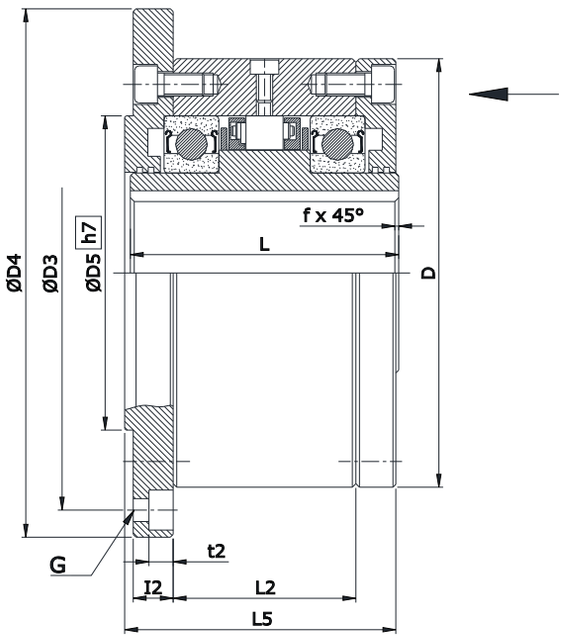

Model	Bore (d)	Inner race Overrunning		Nominal torque	D (h7)	D4	D3	D1	L	L2	l2	t2	D5 h7	L5	No. x G	f	Weight
	max. mm	Min. RPM	Max. RPM	Nm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	Kg
NHBU 30 E1E5	30	750	5000	607	100	128	114	45	81	56	11.5	6.8	75	83	6 x 6.6	1.0	4.2
NHBU 35 E1E5	35	730	5000	686	110	140	124	50	81	56	11.5	6.8	80	83	6 x 6.6	1.0	5.3
NHBU 40 E1E5	40	720	5000	980	125	160	142	55	93	60	15.5	9	90	95	6 x 9	1.3	7.6
NHBU 45 E1E5	45	700	5000	1078	130	165	146	60	93	60	15.5	9	95	95	8 x 9	1.3	8
NHBU 50 E1E5	50	630	5000	1715	150	185	166	70	95	62	15.5	9	110	97	8 x 9	1.3	11.3
NHBU 55 E1E5	55	630	5000	1960	160	204	182	75	104	66	18	11	115	106	8 x 11	1.5	14.8
NHBU 60 E1E5	60	430	6000	3479	170	214	192	80	120	84	17	11	125	122	10 x 11	1.5	18.2
NHBU 70 E1E5	70	400	4500	4735	190	234	212	90	134	95	18	11	140	136	10 x 11	1.8	24.8
NHBU 80 E1E5	80	320	4000	6517	210	254	232	105	144	100	20	11	160	146	10 x 11	1.8	32.9
NHBU 90 E1E5	90	320	3500	8526	230	278	254	120	158	115	20	13	180	160	10 x 14	2.0	40.8
NHBU 100 E1E5	100	250	2700	14210	270	335	305	140	186	124	28	17.5	210	188	10 x 18	2.0	69
NHBU 130 E1E5	130	240	2100	20384	310	380	345	160	212	152	28	17.5	240	214	12 x 18	2.5	96
NHBU 150 E1E5	150	220	3000	33908	400	485	445	200	246	180	30	21.5	310	248	12 x 22	2.5	198

Notes :

1) Function : Overrunning, Backstopping
2) Tmax = 2 x Tn.
3) Grease filled, ready to fit.
4) Shaft dia. is to be controlled within h7
5) Keyway as per DIN 6885 - 1.
6) Other sizes on request.
7) All dimensions are in mm.
8) We manufacturing in inch series also.
9) Dimensions/Design subject to modifications.

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.

➢ **NHBU 35 E1E5 - 20**

Dimensions/Design subject to modifications without any prior intimation.