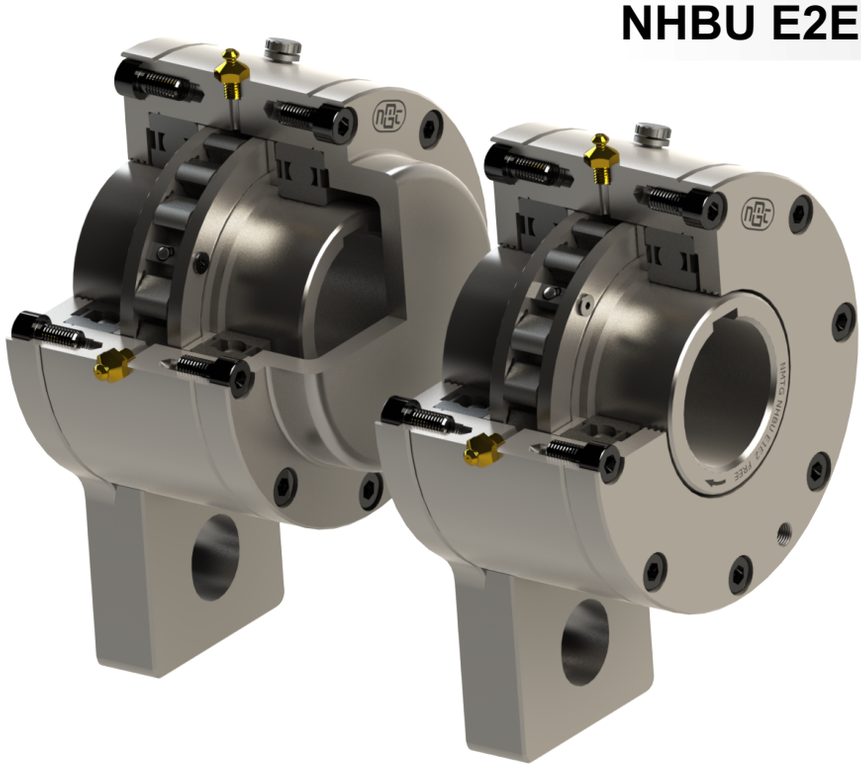
External Holdback / Backstop Clutch
NHBU E2E3 & E1E2

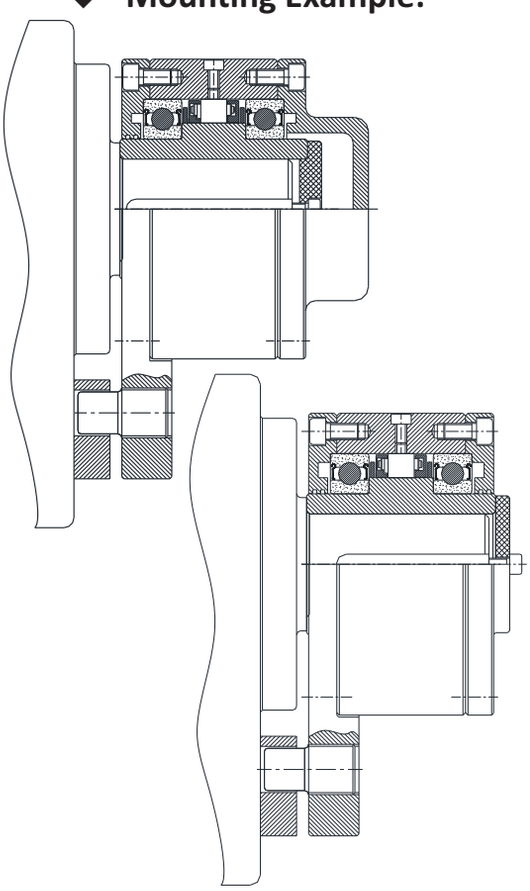


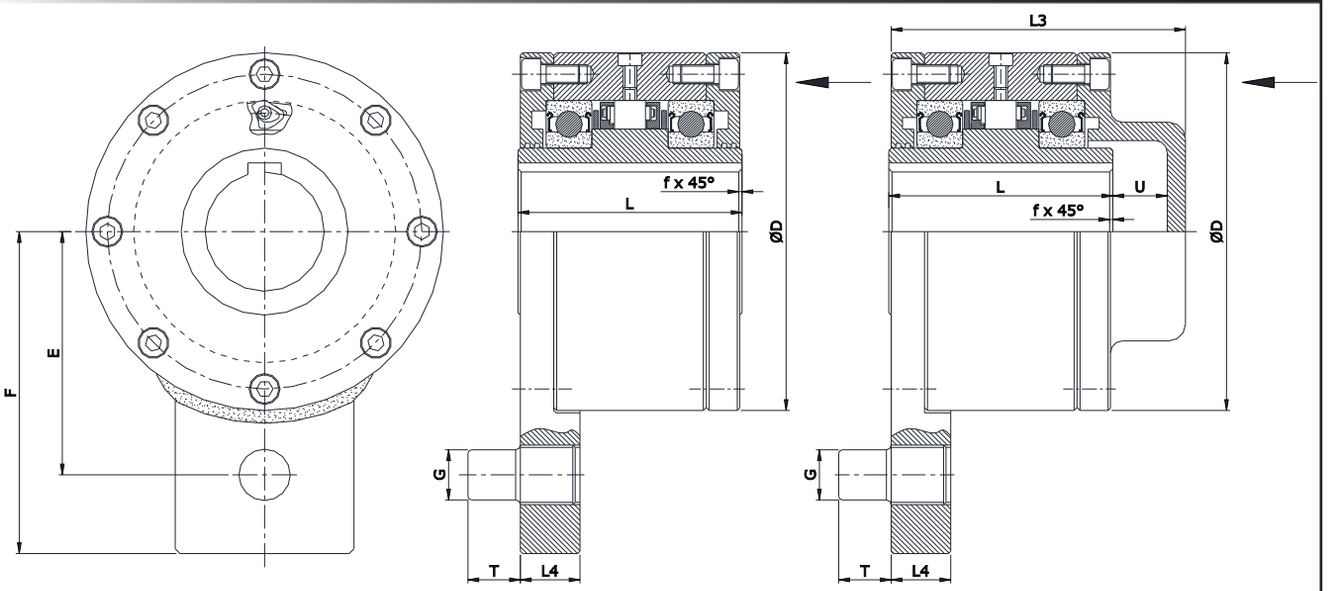
NHBU E2E3 **NHBU E1E2**

❖ **Features:**

- This type of Freewheel Clutches are designed with ball bearings to be assembled with customer connecting parts
- Requires grease Lubrication
- This type of Combinations are used as Backstopping in which E2 cover as a Torque arm / Lever arm which has an integrated Stop bolt which must go into a slot in a fixed part of machine.
- If E3 type C - cover is used then sealant must be provided to the keyway to avoid loss of Lubrication through it.
- This type of combinations are arranged on through shafts or shaft ends.
- Bore range : up to 150 mm
- Transmitting torque : 33908 Nm

◆ **Mounting Example:**





NHBU E1E2 **NHBU E2E3**

Model	Bore (d) max. mm	Inner race Overrunning Min. RPM	Inner race Overrunning Max. RPM	Nominal torque Nm	D (h7) mm	E mm	F mm	L mm	U mm	L3 mm	L4 mm	T mm	G mm	f mm	Weight of E1+E2 Kg	Weight of E1+E3 Kg
NHBU 30 E1 + E2 / E3	30	750	5000	607	100	68	92	81	10	97	19	14	16	1.0	4.2	4.5
NHBU 35 E1 + E2 / E3	35	730	5000	686	110	76	102	81	12	102	22	18	20	1.0	5	5.3
NHBU 40 E1 + E2 / E3	40	720	5000	980	125	85	112	93	12	112	22	18	20	1.3	7	7.4
NHBU 45 E1 + E2 / E3	45	700	5000	1078	130	90	120	93	15	115	25	22	25	1.3	7.7	8.1
NHBU 50 E1 + E2 / E3	50	630	5000	1715	150	102	135	95	12	114	25	22	25	1.3	11	11.5
NHBU 55 E1 + E2 / E3	55	630	5000	1960	160	108	142	104	15	126	30	25	32	1.5	14	15.6
NHBU 60 E1 + E2 / E3	60	430	6000	3479	170	112	145	120	15	143	30	25	32	1.5	17.2	18
NHBU 70 E1 + E2 / E3	70	400	4500	4735	190	135	175	134	22.5	164.5	35	30	38	1.8	24.5	25.5
NHBU 80 E1 + E2 / E3	80	320	4000	6517	210	145	185	144	16	168	35	30	38	1.8	31.9	32.9
NHBU 90 E1 + E2 / E3	90	320	3500	8526	230	155	205	158	27	192	45	40	50	2.0	41.1	43.4
NHBU 100 E1 + E2 / E3	100	250	2700	14210	270	180	230	186	28	221	45	40	50	2.0	65	67
NHBU 130 E1 + E2 / E3	130	240	2100	20384	310	205	268	212	30	250	60	55	68	2.5	94	97
NHBU 150 E1 + E2 / E3	150	220	3000	33908	400	255	325	246	32	286	60	55	68	2.5	190	193

Notes :

1) Function : Overrunning, Backstopping
2) Tmax = 2 x Tn.
3) Oil / Grease filled, ready to fit.
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 mm.
8) We manufacturing in inch series also.
9) Dimensions/Design subject to modifications.
10) Hold pin is in Customer's scope.

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.
- When ordering please specify bore dia.:
- **NHBU 35 E1E2 - 20**
- **NHBU 35 E2E3 - 20**

Dimensions/Design subject to modifications without any prior intimation.