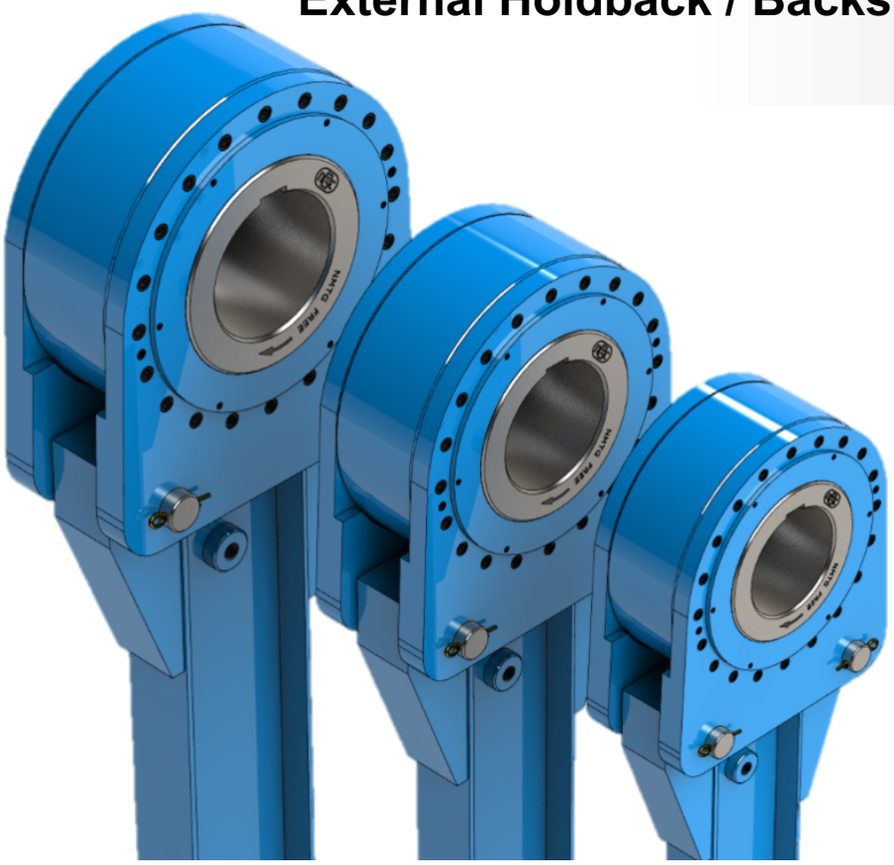
External Holdback / Backstop Clutch
NRSC



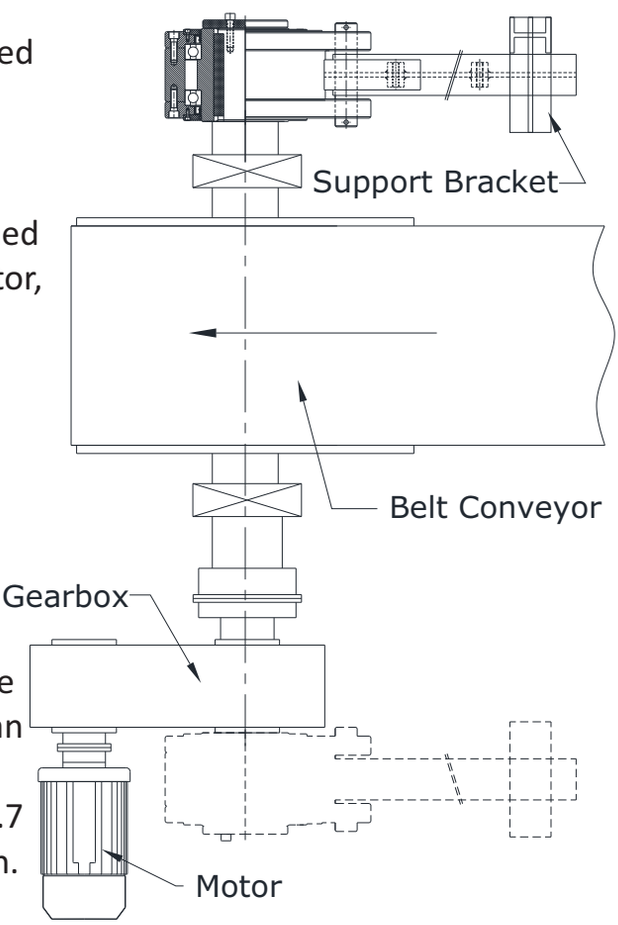
❖ **Features:**

- This type of Freewheel Clutches are Supplied with Lever arm & Roller with Ball bearings support.
- This type of Freewheel Clutches are designed for use in Low speed Inclined Conveyor, Elevator, etc.
- Requires Grease Lubrication.
- Bore range: up to 300 mm.
- Transmitting torque: 215500 Nm.

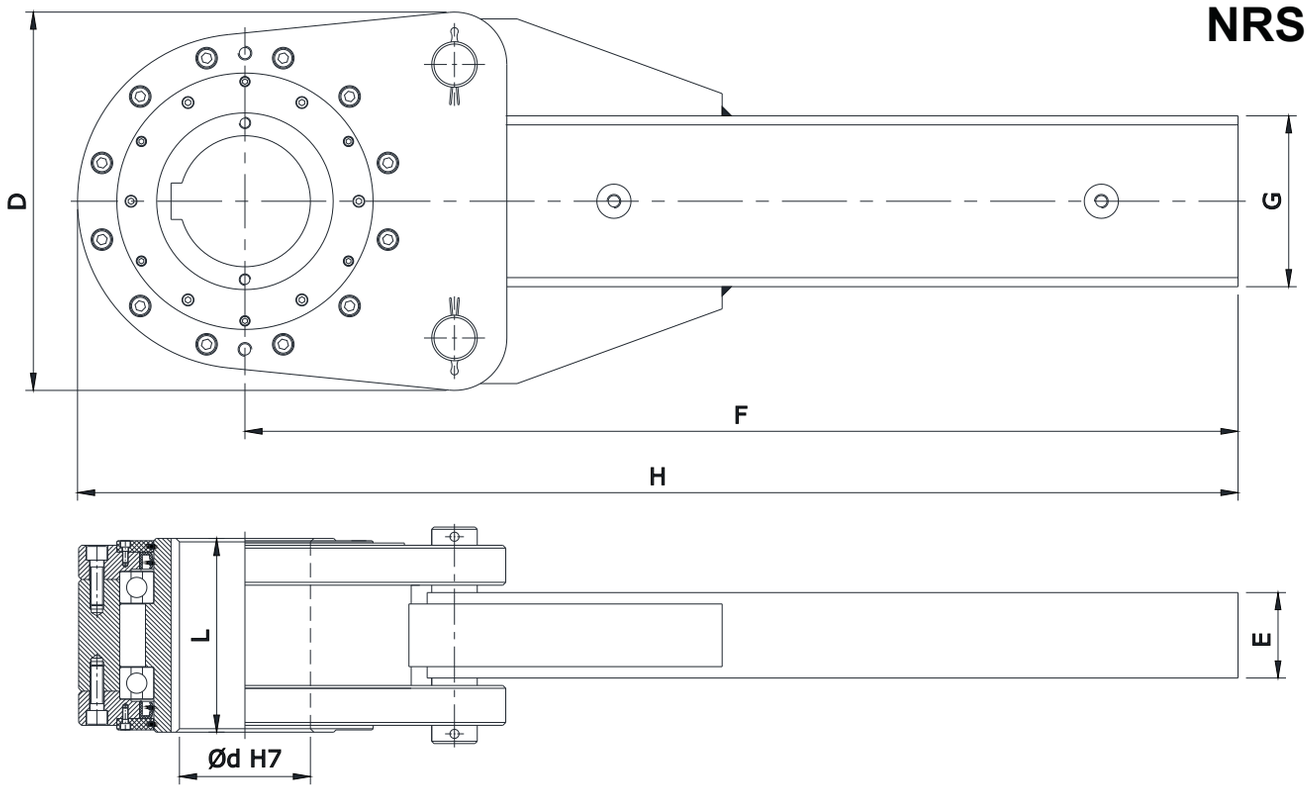
❖ **Mounting:**

- The back driving torque is supported by the Lever arm. The positioning of the lever arm can be adjusted at any angle. The lever arm must not be clamped into position. It must have 12.7 mm play in the axial and in the radial direction.

◆ **Mounting Example:**



NRSC



Model	Max. Over Running Speed Inner Race (RPM)	Nominal Torque (Tn) Nm	Max.Shaft Dia (d) mm	D mm	G mm	E mm	H mm	L mm	F mm	Weight (Approx.) Kg
NRSC 775	300	9250	100	280	125	70	1045	160	920	85
NRSC 800	250	14000	115	332	150	75	1420	170	1274	224
NRSC 900	180	21000	140	380	150	75	1600	185	1430	173
NRSC 1000	150	37690	165	425	200	100	1875	220	1685	248
NRSC 1100	135	60300	180	480	200	100	2053	230	1830	349
NRSC 1150	120	76890	200	546	250	125	2250	255	2000	468
NRSC 1200	105	106500	230	580	300	140	2360	280	2090	575
NRSC 1300	90	161000	280	660	400	140	2550	320	2242	805
NRSC 1400	80	216600	300	760	450	150	2760	350	2400	1230

Notes :

1) Function : 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.

Ordering Example :

- When ordering please specify bore dia.
- **NRSC 900 - 120 mm**

Dimensions/Design subject to modifications without any prior intimation.