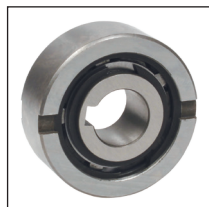


Roller freewheel

Not self centering

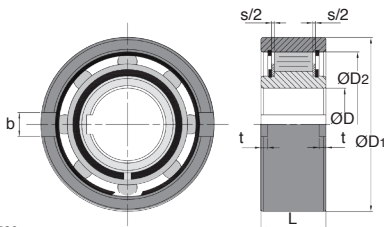
QUSNU

- Transmits torque in one direction, free movement in the other
- Torsion is transmitted from the shaft to the inner ring by use of a keyway and from the external ring either using the grooves on the front face or by interference if the tolerance on the housing bore is K6
- Working temperature $-20^{\circ}/+80^{\circ}\text{C}$ depending on lubricant used
- Max Torque = 2x TN
- Material: steel



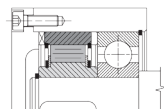
Assembly

- Shaft tolerance h6 or j7
- Bore tolerance H7 or j6 (tolerance must be K6 if grooves on face not used)
- These are not self centering freewheels and 1 or 2 bearings should be mounted adjacent to the freewheel such that the external ring rotates centrally to the internal ring.
- Before the system is used, the freewheels should be lubricated using a suitable grease



Info

- 1) Internal ring is faster than the external ring
- 2) External ring is faster than the internal ring



Typical mounting arrangement

DISCOUNTS

Qty	1+	6+	30+
Disc	List	-6%	On request

Part number	ØD (H7)	ØD1 (n6)	L	ØD2	b	t	s	Ring		TorqueResidual		Weight (kg)	Price each 1 to 5
								internal(1) (rpm)	external(2) (rpm)	T _N (Nm)	torque (Nm)		
QUSNU12	12	35	13	27	4	1,3	1	3300	5000	12	0,016	0,10	88,80 €
QUSNU15	15	42	18	36	5	1,3	1	2500	3600	30	0,020	0,10	100,06 €
QUSNU20	20	52	21	44	6	2,5	1	2200	3100	78	0,020	0,20	120,93 €
QUSNU25	25	62	24	52	8	2,0	1	1700	2200	125	0,050	0,40	147,26 €
QUSNU30	30	72	27	60	10	3,0	1	1400	2200	255	0,140	0,60	166,16 €

Dimensions in mm