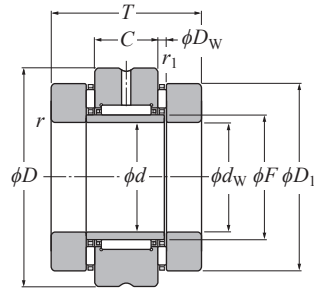


Needle roller bearings
with double-direction thrust needle roller bearings AXN type



d 20-50 mm

Part number	Boundary dimensions										Basic load ratings				Basic load ratings		Allowable speed		Radial internal clearance		Abutment and fillet dimensions				Preload N	Starting ²⁾ torque N·mm (approx.)	Mass kg (approx.)	Part number				
	mm										dynamic	static	dynamic	static	dynamic	static	grease	oil	min	max	min	max	min	max					min	max	min	max
	d	d _w	D	D ₁ <small>$\begin{matrix} -0.20 \\ -0.50 \end{matrix}$</small>	T	C	F	D _w	r _s min ¹⁾	r _{1s} min ¹⁾	C _r	C _{0r}	C _r	C _{0r}	C _a	C _{0a}	lubrication	lubrication	min	max	d _a min	D _a max	r _{as} max	r _{1as} max								
AXN2052	20	20 ^{$\begin{matrix} +0.061 \\ +0.040 \end{matrix}$}	52	42	40	16	25	2	0.6	0.6	15.1	22.4	1 540	2 280	14.6	58.0	1 490	5 900	1 800	7 000	10	30	39	46	0.6	0.6	1 300	330	0.40	AXN2052		
AXN2557	25	25 ^{$\begin{matrix} +0.061 \\ +0.040 \end{matrix}$}	57	47	44	20	30	2	0.6	0.6	22.1	34.0	2 260	3 500	16.3	69.5	1 660	7 100	1 500	6 000	10	30	44	51	0.6	0.6	1 450	400	0.52	AXN2557		
AXN3062	30	30 ^{$\begin{matrix} +0.061 \\ +0.040 \end{matrix}$}	62	52	44	20	35	2	0.6	0.6	24.8	41.5	2 520	4 250	17.8	81.5	1 820	8 300	1 400	5 500	10	40	50	56	0.6	0.6	1 600	550	0.59	AXN3062		
AXN3570	35	35 ^{$\begin{matrix} +0.075 \\ +0.050 \end{matrix}$}	70	60	48	20	40	3	1	0.6	26.4	47.0	2 700	4 800	27.4	110	2 790	11 300	1 200	4 700	10	40	56	64	1	0.6	2 450	900	0.80	AXN3570		
AXN4075	40	40 ^{$\begin{matrix} +0.075 \\ +0.050 \end{matrix}$}	75	65	48	20	45	3	1	0.6	28.0	52.5	2 860	5 400	29.8	128	3 050	13 100	1 100	4 300	10	40	62	69	1	0.6	2 650	1 050	0.89	AXN4075		
AXN4580	45	45 ^{$\begin{matrix} +0.075 \\ +0.050 \end{matrix}$}	80	70	54	25	50	3	1	0.6	38.5	74.5	3 950	7 550	31.5	143	3 250	14 500	1 000	3 900	10	40	67	74	1	0.6	2 800	1 200	1.00	AXN4580		
AXN5090	50	50 ^{$\begin{matrix} +0.075 \\ +0.050 \end{matrix}$}	90	78	54	25	55	3	1	0.6	41.0	82.0	4 150	8 400	38.0	186	3 850	19 000	900	3 500	15	50	75	83	1	0.6	3 400	1 600	1.42	AXN5090		

1) Minimum allowable value for corner radius dimension r or r₁.
2) Starting torque value relative to the standard preload.

