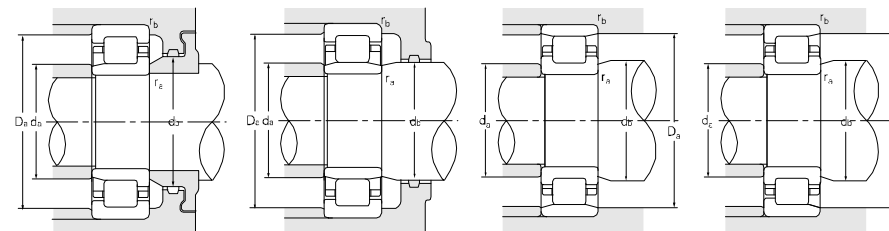
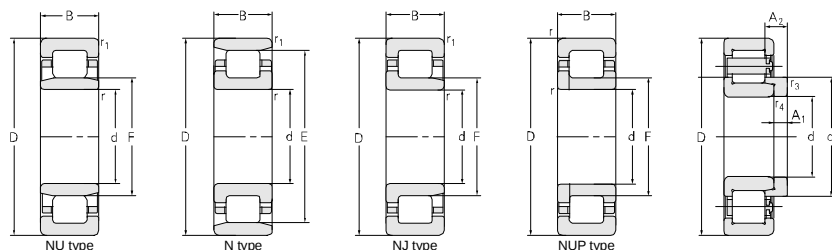


Single-row Cylindrical Roller Bearing

d 50–55 mm



Principal dimensions							Basic load ratings		Limit speed ratings		Designations
d	D	B	r _{1smin}	r _{smin}	F	E	C _r	C _{0r}	Grease	Oil	
mm							kN		r/min		
50	110	40	2	2	65		180	180	5000	6000	NJ2310EM
	110	40	2	2	65		180	180	5000	6000	NU2310E
	110	40	2	2	65		180	180	5000	6000	NU2310EM
	110	40	2	2	65		180	180	5000	6000	NU2310ETN1
	110	40	2	2	65		180	180	5000	6000	NJ2310ETN1
	130	31	2.1	2.1		110	150	150	5000	6000	N410M
	130	31	2.1	2.1		110	150	150	5000	6000	N410
	130	31	2.1	2.1	70		150	150	5000	6000	NU410M
	130	31	2.1	2.1	70		150	150	5000	6000	NU410
	130	31	2.1	2.1	70		150	150	5000	6000	NJ410
	130	31	2.1	2.1	70		150	150	5000	6000	NJ410M
	130	31	2.1	2.1	70		150	150	5000	6000	NJ410TN1
	130	31	2.1	2.1	70		150	150	5000	6000	NU410TN1
55	90	18	1.1	1	64.5		55	67	7000	8500	NU1011M
	90	18	1.1	1	64.5		55	67	7000	8500	NU1011TN1
	100	21	1.5	1.5		88.5	93	91	6000	7000	NF211M
	100	21	1.5	1.5		90	93	91	6000	7000	NF211E
	100	21	1.5	1.1	66		93	91	6000	7000	NJ211E
	100	21		1.5	66		93	91	6000	7000	NUP211E
	100	21		1.5	66		93	91	6000	7000	NUP211EM
	100	21	1.5	1.5	66		93	91	6000	7000	NU211ETN1/C9
	100	21		1.5	66		93	91	6000	7000	NUP211ETN1
	100	21	1.5	1.1	66		93	91	6000	7000	NJ211ETN1
	100	25	1.5	1.1	66		109	113	6000	7000	NJ2211EM
	100	25	1.5	1.1	66		109	113	6000	7000	NJ2211ETN1
	100	25	1.5	1.1	66		109	113	6000	7000	NU2211EM
	100	33.3	1.5	1.1		88.9	117	155	4800	7000	N3211M
	100	33.34	1.1	1.1	66.9		118	155	4800	5600	NU5211XPC3
	100	33.34	1.1	1.1	66.9		118	155	4800	5600	NU3211X2M/C9YA6
	120	29	2	2		104.5	150	137	4800	5600	NF311M
	120	29	2	2		104.5	150	137	4800	5600	N311M
	120	29	2	2		104.5	150	137	4800	5600	N311J
	120	29	2	2	70.5		150	137	4800	5600	NU311M
120	29	2	2	70.5		150	137	4800	5600	NJ311M	
120	29	2	2	70.5		150	137	4800	5600	NUP311M	

Abutment and fillet dimensions								Weight	Model	Weight	Separate thrust collar		
d _{amin}	d _{amax}	d _{bmin}	D _{amax}	D _{amin}	r _{amax}	r _{bmax}		kg		kg	A1	A2	r ₃ , r ₄
mm	mm	mm	mm	mm	mm	mm					mm	mm	
59	62	73	101		2	2		1.92					
59	61	62	67	101	2	2		1.92					
59	61	67	101		2	2		1.89					
59	61	67	101		2	2		1.71					
59	62	73	101		2	2		1.74					
61	107		119	113	2	2		2.18					
61	107		119	113	2	2		2.09					
61	68	73	119		2	2		2.20					
61	68	73	119		2	2		2.11					
61	68	81	119		2	2		2.15					
61	68	81	119		2	2		2.24					
61	68	81	119		2	2		2.02					
61	68	73	119		2	2		1.99					
59.6	63	67	84		1	1		0.479					
59.6	63	67	84		1	1		0.403					
63			93.5	92	1.5	1.5		0.806					
63			93.5	92	1.5	1.5		0.757					
61.5	64	73	92		1.5	1		0.767					
61.5	64	73	92		1	1		0.751					
61.5	64	73	92		1	1		0.762					
61.5	64	73	92		1	1		0.67					
61.5	64	73	92		1	1		0.667					
61.5	64	73	92		1.5	1		0.701					
61.5	64	73	92		1.5	1		0.783					
61.5	64	73	92		1.5	1		0.666					
61.5	64	68	92		1.5	1		0.763					
63	87		93.5	92	1.5	1		1.20					
61	65	69	93		1	1		1.21					
61	65	69	93		1	1		1.21					
64			111	107	2	2		1.7					
64	102		111	107	2	2		1.65					
64	102		111	107	2	2		1.45					
64	68	73	111		2	2		1.74					
64	68	79	111		2	2		1.75					
64		79	111		2	2		1.76					