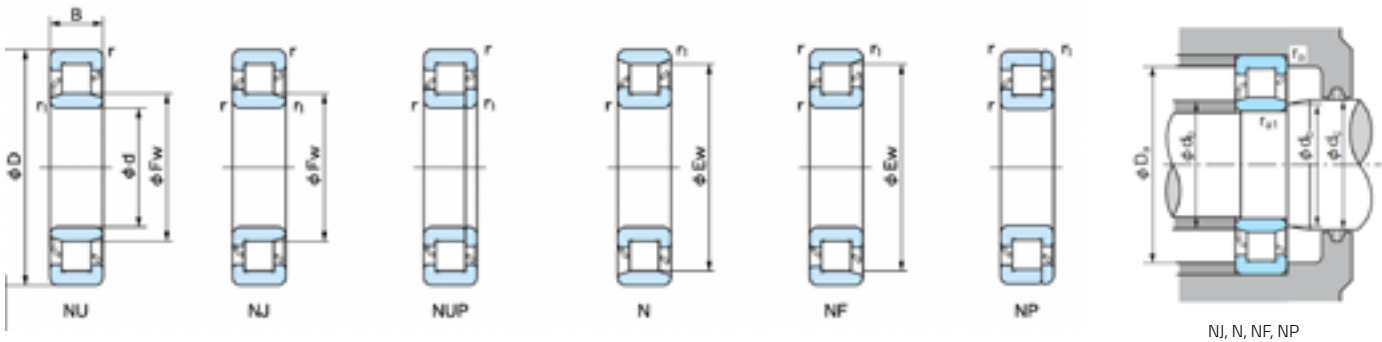
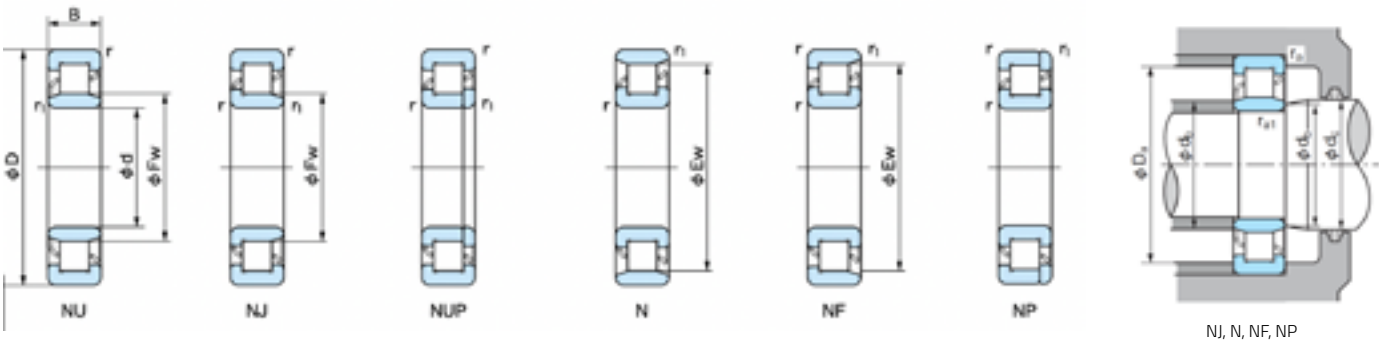




Boundary dimensions (mm)							Bearing No.						Basic dynamic load rating Cr (N)	Basic static load rating Cor (N)	Limiting speed (min-1)(1)			Abutment and fillet dimensions (mm)										Mass (kg)		Dimensions of L-shaped thrust collar (mm)							
d	D	B	Ew	Fw	r (min)	r1 (min)	NU	NJ	NUP*	N*	NF	NP*			Grease lubrication	Oil lubrication		da (min)	db (min) (max)		dc (min)	dd (min)	Da (max)	Db (max) (min)		ra (max)	ra1 (max)	NU	N	Bearing No.	d	d1 (max)	B1	B2	r1 (min)	Mass (kg)	
20	52	15	44.5	28.5	1.1	0.6	NU 304	NJ	NUP	N	NF*	NP	21400	17300	12000	15000		27	25	27	30	33	45	47	47	1	0.6	0.154	0.15	HJ 304	20	31.8	4	7.5	0.6	0.017	
25	62	17	53	35	1.1	1.1	NU 305	NJ	NUP	N	NF	NP	29300	25200	10000	10000		32	32	33	37	40	55	55	55	1	1	0.238	0.23	HJ 305	25	39	4	8	1.1	0.027	
30	72	19	62	42	1.1	1.1	NU 306	NJ	NUP	N	NF	NP	38500	35000	8500	11000		37	37	40	44	48	65	65	64	1	1	0.357	0.35	HJ 306	30	45.9	5	9.5	1.1	0.044	
35	80	21	68.2	46.2	1.5	1.1	NU 307	NJ	NUP	N	NF	NP	49500	47000	8000	9500		43.5	42	45	48	53	71.5	73	71	1.5	1	0.47	0.46	HJ 307	35	50.8	6	11	1.1	0.06	
40	90	23	77.5	53.5	1.5	1.5	NU 308	NJ	NUP	N	NF	NP	58500	57000	6700	8500		48.5	48.5	51	55	60	81.5	81.5	80	1.5	1.5	0.665	0.65	HJ 308	40	58.4	7	12.5	1.5	0.09	
45	100	25	86.5	58.5	1.5	1.5	NU 309	NJ	NUP	N	NF	NP	78500	77500	6300	7500		53.5	53.5	57	60	66	91.5	91.5	89	1.5	1.5	0.871	0.85	HJ 309	45	64	7	12.5	1.5	0.105	
50	110	27	95	65	2	2	NU 310	NJ	NUP	N	NF	NP	87000	86000	5600	6700		60	60	63	67	73	100	100	98	2	2	1.17	1.14	HJ 310	50	71	8	14	2	0.145	
55	120	29	104.5	70.5	2	2	NU 311	NJ	NUP	N	NF	NP	111000	111000	5000	6300		65	65	69	72	80	110	110	107	2	2	1.43	1.4	HJ 311	55	77.2	9	15	2	0.186	
60	130	31	113	77	2.1	2.1	NU 312	NJ	NUP	N	NF	NP	124000	126000	4800	5600		72	72	75	79	86	118	118	116	2	2	1.82	1.78	HJ 312	60	84.2	9	15.5	2.1	0.224	
65	140	33	121.5	83.5	2.1	2.1	NU 313	NJ	NUP	N	NF	NP	135000	139000	4500	5300		77	77	81	85	93	128	128	125	2	2	2.27	2.22	HJ 313	65	91	10	17	2.1	0.286	
70	150	35	130	90	2.1	2.1	NU 314	NJ	NUP	N	NF	NP	158000	220000	4000	5000		82	82	87	92	100	138	138	134	2	2	2.73	2.68	HJ 314	70	98	10	17.5	2.1	0.336	
75	160	37	139.5	95.5	2.1	2.1	NU 315	NJ	NUP	N	NF	NP	190000	205000	3800	4800		87	87	93	97	106	148	148	143	2	2	3.21	3.15	HJ 315	75	104.2	11	18.5	2.1	0.406	
80	170	39	147	103	2.1	2.1	NU 316	NJ	NUP	N	NF*	NP	190000	207000	3600	4300		92	92	99	105	114	158	158	151	2	2	3.93	3.83	HJ 316	80	111.8	11	19.5	2.1	0.479	
85	180	41	156	108	3	3	NU 317	NJ	NUP	N	NF*	NP	224000	247000	3400	4000		99	99	106	110	119	166	166	160	2.5	2.5	4.54	4.44	HJ 317	85	117.5	12	20.5	3	0.56	

* Not a stocked range although available on request .