



# Bearing Frequencies

## Formulas to Calculate Bearing Frequencies (inner race rotating and our race stationary)

$$FTF = \frac{S}{2} \left(1 - \frac{Bd}{Pd} \cos\phi\right)$$

$$BPFI = \frac{Nb}{2} S \left(1 + \frac{Bd}{Pd} \cos\phi\right)$$

$$BPFO = \frac{Nb}{2} S \left(1 - \frac{Bd}{Pd} \cos\phi\right)$$

$$BSF = \frac{Pd}{2Bd} S \left\{1 - \left(\frac{Bd}{Pd}\right)^2 (\cos\phi)^2\right\}$$

RPM - Revolutions Per Minute

S - Revolutions per second or relative speed  
difference between inner and outer race (1)

FTF - Fundamental Train Frequency

BPFI - Ball Pass Frequency of Inner ring

BPFO - Ball Pass Frequency of Outer ring

BSF - Ball Spin Frequency

Bd - Ball or roller diameter

Nb - Number of balls or rollers

Pd - Pitch diameter

$\phi$  - Contact angle

### DEEP GROOVE BALL BEARINGS

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
16001	8	0.187	0.807	0	3.07	4.93	0.38	2.04
16002	9	0.187	0.925	0	3.59	5.41	0.40	2.37
16003	8	0.218	1.023	0	3.15	4.85	0.39	2.24
16004	10	0.218	1.244	0	4.12	5.88	0.41	2.77
16005	11	0.218	1.417	0	4.65	6.35	0.42	3.17
16006	12	0.25	1.673	0	5.1	6.9	0.43	3.27
16007	13	0.25	1.909	0	5.65	7.35	0.43	3.75
16008	15	0.25	2.125	0	6.62	8.38	0.44	4.19
16009	16	0.25	2.362	0	7.15	8.85	0.45	4.67
16010	17	0.25	2.559	0	7.67	9.33	0.45	5.07
16011	15	0.312	2.854	0	6.68	8.32	0.45	4.52
16012	17	0.312	3.051	0	7.63	9.37	0.45	4.84
16013	18	0.312	3.248	0	8.14	9.86	0.45	5.16
16014	18	0.343	3.543	0	8.13	9.87	0.45	5.12
16015	19	0.343	3.74	0	8.63	10.37	0.45	5.41
16016	20	0.343	4.035	0	9.15	10.85	0.46	5.84
16017	21	0.343	4.232	0	9.65	11.35	0.46	6.13
16018	19	0.406	4.527	0	8.65	10.35	0.46	5.53
16019	20	0.406	4.724	0	9.14	10.86	0.46	5.77
16020	21	0.406	4.921	0	9.63	11.37	0.46	6.02
16021	17	0.531	5.216	0	7.63	9.37	0.45	4.86
16022	17	0.562	5.511	0	7.63	9.37	0.45	4.85
16024	17	0.593	5.905	0	7.65	9.35	0.45	4.93
16026	16	0.687	6.496	0	7.15	8.85	0.45	4.67
16028	17	0.687	6.889	0	7.65	9.35	0.45	4.96
16030	17	0.749	7.381	0	7.64	9.36	0.45	4.88
16032	18	0.749	7.874	0	8.14	9.86	0.45	5.21
16034	17	0.843	8.464	0	7.65	9.35	0.45	4.97
16036	19	0.812	9.055	0	8.65	10.35	0.46	5.53
16038	19	0.874	9.448	0	8.62	10.38	0.45	5.36
16040	17	0.937	10.039	0	7.71	9.29	0.45	5.31
16044	18	1.062	11.023	0	8.13	9.87	0.45	5.14
16048	18	1.062	11.811	0	8.19	9.81	0.46	5.52
16052	18	1.25	12.992	0	8.13	9.87	0.45	5.15
16056	19	1.25	13.779	0	8.64	10.36	0.45	5.47
16060	16	1.562	14.96	0	7.16	8.84	0.45	4.74
16064	17	1.562	15.748	0	7.66	9.34	0.45	4.99
16068	16	1.75	16.929	0	7.17	8.83	0.45	4.79
16072	17	1.75	17.716	0	7.66	9.34	0.45	5.01
6000	7	0.187	0.7	0	2.57	4.44	0.37	1.74
6001	8	0.187	0.807	0	3.07	4.93	0.38	2.04

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
6002	9	0.187	0.925	0	3.59	5.41	0.40	2.37
6003	8	0.218	1.023	0	3.15	4.85	0.39	2.24
6004	9	0.25	1.24	0	3.59	5.41	0.40	2.38
60/22	9	0.25	1.299	0	3.63	5.37	0.4	2.5
6005	10	0.25	1.417	0	4.12	5.88	0.41	2.75
60/28	10	0.281	1.574	0	4.11	5.89	0.41	2.71
6006	11	0.281	1.692	0	4.59	6.41	0.42	2.93
60/32	10	0.312	1.771	0	4.12	5.88	0.41	2.75
6007	11	0.312	1.909	0	4.6	6.4	0.42	2.98
6008	12	0.312	2.125	0	5.12	6.88	0.43	3.33
6009	13	0.343	2.362	0	5.56	7.44	0.43	3.37
6010	14	0.343	2.559	0	6.06	7.94	0.43	3.66
6011	13	0.406	2.854	0	5.58	7.42	0.43	3.44
6012	14	0.406	3.051	0	6.07	7.93	0.43	3.69
6013	15	0.406	3.248	0	6.56	8.44	0.44	3.94
6014	14	0.468	3.543	0	6.08	7.92	0.43	3.72
6015	15	0.468	3.74	0	6.56	8.44	0.44	3.93
6016	14	0.531	4.035	0	6.08	7.92	0.43	3.73
6017	15	0.531	4.232	0	6.56	8.44	0.44	3.92
6018	14	0.593	4.527	0	6.08	7.92	0.43	3.75
6019	15	0.593	4.724	0	6.56	8.44	0.44	3.92
6020	15	0.593	4.921	0	6.6	8.4	0.44	4.09
6021	15	0.656	5.216	0	6.56	8.44	0.44	3.91
6022	14	0.718	5.511	0	6.09	7.91	0.43	3.77
6024	15	0.718	5.905	0	6.59	8.41	0.44	4.05
6026	15	0.812	6.496	0	6.56	8.44	0.44	3.94
6028	16	0.812	6.889	0	7.06	8.94	0.44	4.18
6030	16	0.874	7.381	0	7.05	8.95	0.44	4.16
6032	16	0.937	7.874	0	7.05	8.95	0.44	4.14
6034	15	1.062	8.464	0	6.56	8.44	0.44	3.92
6036	14	1.187	9.055	0	6.08	7.92	0.43	3.75
6038	15	1.187	9.448	0	6.56	8.44	0.44	3.92
6040	14	1.312	10.039	0	6.09	7.91	0.43	3.76
6044	15	1.374	11.023	0	6.57	8.43	0.44	3.95
6048	16	1.374	11.811	0	7.07	8.93	0.44	4.24
6052	14	1.625	12.992	0	6.12	7.88	0.44	3.93
6056	12	1.875	13.779	0	5.18	6.82	0.43	3.61
6060	12	2	14.96	0	5.2	6.8	0.43	3.67
6064	13	2	15.748	0	5.67	7.33	0.44	3.87
6068	12	2.25	16.929	0	5.2	6.8	0.43	3.7
6072	13	2.25	17.716	0	5.67	7.33	0.44	3.87
6076	14	2.25	18.503	0	6.15	7.85	0.44	4.05

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
6080	13	2.5	19.685	0	5.67	7.33	0.44	3.87
6084	14	2.5	20.472	0	6.15	7.85	0.44	4.03
6200	8	0.187	0.807	0	3.07	4.93	0.38	2.04
6201	7	0.218	0.866	0	2.62	4.38	0.37	1.86
6202	7	0.25	0.984	0	2.61	4.39	0.37	1.84
6203	7	0.281	1.133	0	2.63	4.37	0.38	1.89
6204	8	0.312	1.358	0	3.08	4.92	0.39	2.06
62/22	8	0.312	1.417	0	3.12	4.88	0.39	2.16
6205	9	0.312	1.535	0	3.59	5.41	0.40	2.36
62/78	8	0.375	1.692	0	3.11	4.89	0.39	2.15
6206	9	0.375	1.83	0	3.58	5.42	0.40	2.34
62/32	8	0.406	1.909	0	3.15	4.85	0.39	2.24
6207	9	0.437	2.106	0	3.57	5.43	0.40	2.31
6208	9	0.468	2.362	0	3.61	5.39	0.4	2.42
6209	9	0.5	2.559	0	3.62	5.38	0.40	2.46
6210	10	0.5	2.755	0	4.09	5.91	0.41	2.66
6211	10	0.562	3.051	0	4.08	5.92	0.41	2.62
6212	10	0.625	3.405	0	4.08	5.92	0.41	2.63
6213	10	0.656	3.641	0	4.1	5.9	0.41	2.69
6214	10	0.687	3.838	0	4.11	5.89	0.41	2.7
6215	11	0.687	4.074	0	4.57	6.43	0.42	2.88
6216	10	0.749	4.33	0	4.14	5.86	0.41	2.8
6217	11	0.781	4.645	0	4.58	6.42	0.42	2.89
6218	10	0.874	4.921	0	4.11	5.89	0.41	2.73
6219	10	0.937	5.216	0	4.1	5.9	0.41	2.69
6220	10	1	5.511	0	4.09	5.91	0.41	2.66
6221	10	1.062	5.807	0	4.09	5.91	0.41	2.64
6222	10	1.125	6.102	0	4.08	5.92	0.41	2.62
6224	10	1.187	6.594	0	4.1	5.9	0.41	2.69
6226	10	1.25	7.086	0	4.12	5.88	0.41	2.75
6228	10	1.25	7.677	0	4.19	5.81	0.42	2.99
6230	11	1.25	8.267	0	4.67	6.33	0.42	3.23
6230	12	1.25	8.858	0	5.15	6.85	0.43	3.47
6234	12	1.374	9.448	0	5.13	6.87	0.43	3.37
6236	11	1.5	9.842	0	4.66	6.34	0.42	3.2
6238	11	1.625	10.433	0	4.64	6.36	0.42	3.13
6240	12	1.625	11.023	0	5.12	6.88	0.43	3.32
6244	12	1.75	12.204	0	5.14	6.86	0.43	3.42
63200	8	0.187	0.807	0	3.07	4.93	0.38	2.04
63201	7	0.218	0.866	0	2.62	4.38	0.37	1.86
63202	7	0.25	0.984	0	2.61	4.39	0.37	1.84
63203	7	0.281	1.133	0	2.63	4.37	0.38	1.89

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
632/22	8	0.312	1.417	0	3.12	4.88	0.39	2.16
63205	9	0.312	1.535	0	3.59	5.41	0.40	2.36
632/78	8	0.375	1.692	0	3.11	4.89	0.39	2.15
63206	9	0.375	1.83	0	3.58	5.42	0.40	2.34
632/32	8	0.406	1.909	0	3.15	4.85	0.39	2.24
63207	9	0.437	2.106	0	3.57	5.43	0.40	2.31
63208	9	0.468	2.362	0	3.61	5.39	0.4	2.42
63209	9	0.5	2.559	0	3.62	5.38	0.40	2.46
63210	10	0.5	2.755	0	4.09	5.91	0.41	2.66
63211	10	0.562	3.051	0	4.08	5.92	0.41	2.62
63212	10	0.625	3.405	0	4.08	5.92	0.41	2.63
63213	10	0.656	3.641	0	4.1	5.9	0.41	2.69
63214	10	0.687	3.838	0	4.11	5.89	0.41	2.7
63215	11	0.687	4.074	0	4.57	6.43	0.42	2.88
63216	10	0.749	4.33	0	4.14	5.86	0.41	2.8
63217	11	0.781	4.645	0	4.58	6.42	0.42	2.89
63218	10	0.874	4.921	0	4.11	5.89	0.41	2.73
63219	10	0.937	5.216	0	4.1	5.9	0.41	2.69
63220	10	1	5.511	0	4.09	5.91	0.41	2.66
63221	10	1.062	5.807	0	4.09	5.91	0.41	2.64
63222	10	1.125	6.102	0	4.08	5.92	0.41	2.62
63224	10	1.187	6.594	0	4.1	5.9	0.41	2.69
63226	10	1.25	7.086	0	4.12	5.88	0.41	2.75
63228	10	1.25	7.677	0	4.19	5.81	0.42	2.99
63230	11	1.25	8.267	0	4.67	6.33	0.42	3.23
63230	12	1.25	8.858	0	5.15	6.85	0.43	3.47
63234	12	1.374	9.448	0	5.13	6.87	0.43	3.37
63236	11	1.5	9.842	0	4.66	6.34	0.42	3.2
63238	11	1.625	10.433	0	4.64	6.36	0.42	3.13
63240	12	1.625	11.023	0	5.12	6.88	0.43	3.32
63244	12	1.75	12.204	0	5.14	6.86	0.43	3.42
6300	6	0.281	0.913	0	2.08	3.92	0.35	1.47
6301	6	0.312	0.964	0	2.03	3.97	0.34	1.38
6302	7	0.312	1.161	0	2.56	4.44	0.37	1.73
6303	7	0.343	1.259	0	2.55	4.45	0.36	1.7
6304	7	0.375	1.417	0	2.57	4.43	0.37	1.76
63/22	7	0.406	1.535	0	2.57	4.43	0.37	1.76
6305	7	0.437	1.712	0	2.61	4.39	0.37	1.83
63/28	7	0.5	1.889	0	2.57	4.43	0.37	1.76
6306	8	0.468	2.047	0	3.09	4.91	0.39	2.07
63/32	8	0.5	2.125	0	3.06	4.94	0.38	2.01
6307	8	0.531	2.263	0	3.06	4.94	0.38	2.01

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
6309	8	0.687	2.913	0	3.06	4.94	0.38	2
6310	8	0.749	3.228	0	3.07	4.93	0.38	2.04
6311	8	0.812	3.503	0	3.07	4.93	0.38	2.04
6312	8	0.874	3.779	0	3.07	4.93	0.38	2.05
6313	8	0.937	4.035	0	3.07	4.93	0.38	2.04
6314	8	1	4.33	0	3.08	4.92	0.38	2.05
6315	8	1.062	4.625	0	3.08	4.92	0.39	2.06
6316	8	1.125	4.921	0	3.09	4.91	0.39	2.07
6317	8	1.187	5.216	0	3.09	4.91	0.39	2.08
6318	8	1.25	5.511	0	3.09	4.91	0.39	2.09
6319	8	1.312	5.807	0	3.1	4.9	0.39	2.1
6320	8	1.437	6.2	0	3.07	4.93	0.38	2.04
6321	8	1.5	6.496	0	3.08	4.92	0.38	2.05
6322	8	1.625	6.948	0	3.06	4.94	0.38	2.02
6324	8	1.625	7.48	0	3.13	4.87	0.39	2.19
6326	8	1.75	8.07	0	3.13	4.87	0.39	2.2
6328	8	1.875	8.661	0	3.13	4.87	0.39	2.2
6330	9	1.875	9.251	0	3.59	5.41	0.4	2.37
6332	8	2	9.842	0	3.19	4.81	0.40	2.36
6334	8	2.25	10.433	0	3.14	4.86	0.39	2.21
6336	9	2.25	11.023	0	3.58	5.42	0.40	2.35
6338	9	2.25	11.614	0	3.63	5.37	0.4	2.48
6340	9	2.5	12.204	0	3.58	5.42	0.40	2.34
6344	9	2.5	13.385	0	3.66	5.34	0.41	2.58
63300	6	0.281	0.913	0	2.08	3.92	0.35	1.47
63301	6	0.312	0.964	0	2.03	3.97	0.34	1.38
63302	7	0.312	1.161	0	2.56	4.44	0.37	1.73
63303	7	0.343	1.259	0	2.55	4.45	0.36	1.7
63304	7	0.375	1.417	0	2.57	4.43	0.37	1.76
633/22	7	0.406	1.535	0	2.57	4.43	0.37	1.76
63305	7	0.437	1.712	0	2.61	4.39	0.37	1.83
633/28	7	0.5	1.889	0	2.57	4.43	0.37	1.76
63306	8	0.468	2.047	0	3.09	4.91	0.39	2.07
633/32	8	0.5	2.125	0	3.06	4.94	0.38	2.01
63307	8	0.531	2.263	0	3.06	4.94	0.38	2.01
63308	8	0.593	2.559	0	3.07	4.93	0.38	2.04
63309	8	0.687	2.913	0	3.06	4.94	0.38	2
63310	8	0.749	3.228	0	3.07	4.93	0.38	2.04
63311	8	0.812	3.503	0	3.07	4.93	0.38	2.04
63312	8	0.874	3.779	0	3.07	4.93	0.38	2.05
63313	8	0.937	4.035	0	3.07	4.93	0.38	2.04
63314	8	1	4.33	0	3.08	4.92	0.38	2.05

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
63316	8	1.125	4.921	0	3.09	4.91	0.39	2.07
63317	8	1.187	5.216	0	3.09	4.91	0.39	2.08
63318	8	1.25	5.511	0	3.09	4.91	0.39	2.09
63319	8	1.312	5.807	0	3.1	4.9	0.39	2.1
63320	8	1.437	6.2	0	3.07	4.93	0.38	2.04
63321	8	1.5	6.496	0	3.08	4.92	0.38	2.05
63322	8	1.625	6.948	0	3.06	4.94	0.38	2.02
63324	8	1.625	7.48	0	3.13	4.87	0.39	2.19
63326	8	1.75	8.07	0	3.13	4.87	0.39	2.2
63328	8	1.875	8.661	0	3.13	4.87	0.39	2.2
63330	9	1.875	9.251	0	3.59	5.41	0.4	2.37
63332	8	2	9.842	0	3.19	4.81	0.40	2.36
63334	8	2.25	10.433	0	3.14	4.86	0.39	2.21
63336	9	2.25	11.023	0	3.58	5.42	0.40	2.35
63338	9	2.25	11.614	0	3.63	5.37	0.4	2.48
63340	9	2.5	12.204	0	3.58	5.42	0.40	2.34
63344	9	2.5	13.385	0	3.66	5.34	0.41	2.58
6800	11	0.093	0.57	0	4.6	6.4	0.42	2.98
6801	12	0.093	0.649	0	5.14	6.86	0.43	3.42
6802	14	0.093	0.767	0	6.15	7.85	0.44	4.06
6803	16	0.093	0.846	0	7.12	8.88	0.45	4.49
6804	13	0.137	1.023	0	5.63	7.37	0.43	3.67
6805	15	0.137	1.22	0	6.66	8.34	0.44	4.4
6806	18	0.137	1.417	0	8.13	9.87	0.45	5.12
6807	20	0.137	1.614	0	9.15	10.85	0.46	5.85
6808	22	0.137	1.811	0	10.17	11.83	0.46	6.57
6809	22	0.156	2.027	0	10.15	11.85	0.46	6.46
6810	24	0.156	2.263	0	11.17	12.83	0.47	7.22
6811	22	0.187	2.5	0	10.18	11.82	0.46	6.65
6812	21	0.218	2.716	0	9.66	11.34	0.46	6.19
6813	22	0.218	2.952	0	10.19	11.81	0.46	6.73
6814	24	0.218	3.149	0	11.17	12.83	0.47	7.19
6815	26	0.218	3.346	0	12.15	13.85	0.47	7.64
6816	27	0.218	3.543	0	12.67	14.33	0.47	8.1
6817	23	0.281	3.838	0	10.66	12.34	0.46	6.79
6818	24	0.281	4.035	0	11.16	12.84	0.47	7.14
6819	25	0.281	4.232	0	11.67	13.33	0.47	7.5
6820	26	0.281	4.429	0	12.18	13.82	0.47	7.85
6821	27	0.281	4.625	0	12.68	14.32	0.47	8.2
6822	26	0.343	4.921	0	12.09	13.91	0.47	7.14
6824	27	0.343	5.314	0	12.63	14.37	0.47	7.71
6826	24	0.406	5.807	0	11.16	12.84	0.47	7.12

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
6830	24	0.468	6.692	0	11.16	12.84	0.47	7.11
6832	25	0.468	7.086	0	11.67	13.33	0.47	7.54
6834	24	0.531	7.578	0	11.16	12.84	0.46	7.1
6836	25	0.531	7.972	0	11.67	13.33	0.47	7.47
6838	24	0.593	8.464	0	11.16	12.84	0.46	7.1
6840	25	0.593	8.858	0	11.66	13.34	0.47	7.44
6844	27	0.593	9.645	0	12.67	14.33	0.47	8.1
6848	26	0.687	10.629	0	12.16	13.84	0.47	7.7
6852	26	0.718	11.417	0	12.18	13.82	0.47	7.92
6856	24	0.843	12.401	0	11.18	12.82	0.47	7.32
6860	23	0.937	13.385	0	10.69	12.31	0.46	7.11
6864	25	0.937	14.173	0	11.67	13.33	0.47	7.53
6868	26	0.937	14.96	0	12.19	13.81	0.47	7.95
6872	25	1	15.748	0	11.71	13.29	0.47	7.84
6876	23	1.187	16.929	0	10.69	12.31	0.46	7.1
6860	24	1.187	17.716	0	11.2	12.8	0.47	7.43
6884	25	1.25	18.503	0	11.66	13.34	0.47	7.37
6888	26	1.25	19.291	0	12.16	13.84	0.47	7.68
6892	22	1.5	20.472	0	10.19	11.81	0.46	6.79
6896	23	1.5	21.259	0	10.69	12.31	0.46	7.05
68/500	24	1.5	22.047	0	11.18	12.82	0.47	7.31
68/530	25	1.5	23.228	0	11.69	13.31	0.47	7.71
68/560	26	1.5	24.409	0	12.2	13.8	0.47	8.11
68/600	26	1.625	26.181	0	12.19	13.81	0.47	8.02
6900	9	0.125	0.629	0	3.61	5.39	0.40	2.42
6901	10	0.125	0.708	0	4.12	5.88	0.41	2.74
6902	9	0.157	0.846	0	3.66	5.34	0.41	2.6
6903	11	0.157	0.925	0	4.57	6.43	0.42	2.86
6904	11	0.187	1.122	0	4.58	6.42	0.42	2.92
6905	13	0.187	1.318	0	5.58	7.42	0.43	3.45
6906	14	0.187	1.515	0	6.14	7.86	0.44	3.99
6907	12	0.25	1.771	0	5.15	6.85	0.43	3.47
6908	14	0.25	2.007	0	6.13	7.87	0.44	3.95
6909	14	0.281	2.224	0	6.12	7.88	0.44	3.89
6910	15	0.281	2.401	0	6.62	8.38	0.44	4.21
6911	16	0.281	2.657	0	7.15	8.85	0.45	4.67
6912	17	0.281	2.854	0	7.66	9.34	0.45	5.03
6913	19	0.281	3.051	0	8.63	10.37	0.45	5.38
6914	17	0.343	3.346	0	7.63	9.37	0.45	4.83
6915	18	0.343	3.543	0	8.13	9.87	0.45	5.12
6916	19	0.343	3.759	0	8.63	10.37	0.45	5.43
6917	17	0.406	4.035	0	7.64	9.36	0.45	4.92



<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
6919	19	0.406	4.429	0	8.63	10.37	0.45	5.41
6920	17	0.468	4.724	0	7.66	9.34	0.45	5
6921	18	0.468	4.921	0	8.14	9.86	0.45	5.21
6922	19	0.468	5.118	0	8.63	10.37	0.45	5.42
6924	18	0.531	5.61	0	8.15	9.85	0.45	5.24
6926	18	0.593	6.102	0	8.13	9.87	0.45	5.1
6928	19	0.593	6.496	0	8.63	10.37	0.45	5.43
6930	18	0.687	7.086	0	8.13	9.87	0.45	5.11
6930	19	0.687	7.48	0	8.63	10.37	0.45	5.4
6934	19	0.687	7.874	0	8.67	10.33	0.46	5.69
6936	17	0.812	8.464	0	7.68	9.32	0.45	5.16
6938	18	0.812	8.858	0	8.17	9.83	0.45	5.41
6940	16	1	9.448	0	7.15	8.85	0.45	4.67
6944	17	1	10.236	0	7.67	9.33	0.45	5.07
6948	19	1	11.023	0	8.64	10.36	0.45	5.47
6952	17	1.25	12.204	0	7.63	9.37	0.45	4.83
6956	18	1.25	12.992	0	8.13	9.87	0.45	5.15
6960	16	1.5	14.173	0	7.15	8.85	0.45	4.67
6964	17	1.5	14.96	0	7.65	9.35	0.45	4.94
6968	18	1.5	15.748	0	8.14	9.86	0.45	5.2
6872	19	1.5	16.535	0	8.64	10.36	0.45	5.47
6976	18	1.625	17.716	0	8.17	9.83	0.45	5.41
6980	19	1.625	18.503	0	8.67	10.33	0.46	5.65
6984	20	1.625	19.291	0	9.16	10.84	0.46	5.89
6988	19	1.75	20.472	0	8.69	10.31	0.46	5.81
6992	20	1.75	21.259	0	9.18	10.82	0.46	6.03
6996	18	2	22.224	0	8.19	9.81	0.46	5.51

**MAXIMUM CAPACITY TYPE BALL BEARINGS**

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
BL205	12	0.312	1.535	0	4.78	7.22	0.40	2.36
BL2/28	12	0.375	1.692	0	4.67	7.33	0.39	2.15
BL206	13	0.375	1.83	0	5.17	7.83	0.40	2.34
BL2/32	12	0.406	1.909	0	4.72	7.28	0.39	2.24
BL207	13	0.437	2.106	0	5.15	7.85	0.40	2.31
BL208	14	0.468	2.362	0	5.61	8.39	0.4	2.42
BL209	14	0.5	2.559	0	5.63	8.37	0.40	2.46
BL210	15	0.5	2.755	0	6.14	8.86	0.41	2.66
BL211	15	0.562	3.051	0	6.12	8.88	0.41	2.62
BL212	15	0.625	3.405	0	6.12	8.88	0.41	2.63
BL213	15	0.656	3.641	0	6.15	8.85	0.41	2.69
BL214	15	0.687	3.838	0	6.16	8.84	0.41	2.7
BL215	16	0.687	4.074	0	6.65	9.35	0.42	2.88
BL216	16	0.749	4.33	0	6.62	9.38	0.41	2.8
BL217	16	0.781	4.645	0	6.65	9.35	0.42	2.89
BL218	16	0.874	4.921	0	6.58	9.42	0.41	2.73
BL219	15	0.937	5.216	0	6.15	8.85	0.41	2.69
BL220	15	1	5.511	0	6.14	8.86	0.41	2.66
BL221	15	1.062	5.807	0	6.13	8.87	0.41	2.64
BL222	15	1.125	6.102	0	6.12	8.88	0.41	2.62
BL304	10	0.375	1.417	0	3.68	6.32	0.37	1.76
BL3/22	10	0.406	1.535	0	3.68	6.32	0.37	1.76
BL305	10	0.437	1.712	0	3.72	6.28	0.37	1.83
BL3/28	10	0.5	1.889	0	3.68	6.32	0.37	1.76
BL306	11	0.468	2.047	0	4.24	6.76	0.39	2.07
BL3/32	11	0.5	2.125	0	4.21	6.79	0.38	2.01
BL307	12	0.531	2.263	0	4.59	7.41	0.38	2.01
BL308	11	0.625	2.559	0	4.16	6.84	0.38	1.93
BL309	11	0.687	2.913	0	4.2	6.8	0.38	2
BL310	11	0.749	3.228	0	4.22	6.78	0.38	2.04
BL311	12	0.812	3.503	0	4.61	7.39	0.38	2.04
BL312	12	0.874	3.779	0	4.61	7.39	0.38	2.05
BL313	12	0.937	4.035	0	4.61	7.39	0.38	2.04
BL314	12	1	4.33	0	4.61	7.39	0.38	2.05
BL315	12	1.062	4.625	0	4.62	7.38	0.39	2.06
BL316	12	1.125	4.921	0	4.63	7.37	0.39	2.07
BL317	12	1.187	5.216	0	4.63	7.37	0.39	2.08
BL318	12	1.25	5.511	0	4.64	7.36	0.39	2.09
BL319	12	1.312	5.807	0	4.64	7.36	0.39	2.1
BL320	12	1.437	6.2	0	4.61	7.39	0.38	2.04

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
BL322	12	1.625	6.948	0	4.6	7.4	0.38	2.02

### ANGULAR CONTACT BALL BEARINGS

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
7000	8	0.187	0.701	30	3.08	4.92	0.38	1.77
7001	9	0.187	0.807	30	3.6	5.4	0.4	2.07
7002	11	0.187	0.925	30	4.54	6.46	0.41	2.4
7003	10	0.218	1.024	30	4.08	5.92	0.41	2.27
7004	11	0.25	1.24	30	4.54	6.46	0.41	2.4
7005	13	0.25	1.417	30	5.51	7.49	0.42	2.77
7006	14	0.281	1.693	30	5.99	8.01	0.43	2.95
7007	15	0.312	1.91	30	6.44	8.56	0.43	3
7008	17	0.312	2.126	30	7.42	9.58	0.44	3.35
7009	17	0.343	2.363	30	7.43	9.57	0.44	3.39
7010	19	0.343	2.559	30	8.4	10.6	0.44	3.68
7011	18	0.406	2.855	30	7.89	10.11	0.44	3.46
7012	19	0.406	3.052	30	8.41	10.59	0.44	3.71
7013	21	0.406	3.249	30	9.36	11.64	0.45	3.95
7014	20	0.468	3.544	30	8.86	11.14	0.44	3.74
7015	21	0.468	3.741	30	9.36	11.64	0.45	3.95
7016	20	0.531	4.036	30	8.86	11.14	0.44	3.75
7017	21	0.531	4.233	30	9.36	11.64	0.45	3.94
7018	20	0.593	4.529	30	8.87	11.13	0.44	3.77
7019	21	0.593	4.726	30	9.36	11.64	0.45	3.94
7020	22	0.593	4.922	30	9.85	12.15	0.45	4.1
7021	21	0.656	5.218	30	9.36	11.64	0.45	3.93
7022	20	0.718	5.513	30	8.87	11.13	0.44	3.79
7024	21	0.718	5.907	30	9.39	11.61	0.45	4.07
7026	21	0.812	6.498	30	9.36	11.64	0.45	3.95
7028	22	0.812	6.892	30	9.88	12.12	0.45	4.2
7030	22	0.874	7.384	30	9.87	12.13	0.45	4.18
7032	22	0.937	7.876	30	9.87	12.13	0.45	4.16
7034	21	1.062	8.467	30	9.36	11.64	0.45	3.94
7036	21	1.187	9.058	30	9.31	11.69	0.44	3.77
7038	22	1.187	9.452	30	9.8	12.2	0.45	3.93
7040	21	1.312	10.042	30	9.31	11.69	0.44	3.78
7200	10	0.187	0.807	30	4	6	0.40	2.04
7201	10	0.218	0.866	30	3.91	6.09	0.39	1.89
7202	10	0.25	0.984	30	3.9	6.1	0.39	1.87
7203	11	0.281	1.134	30	4.32	6.68	0.39	1.92
7204	11	0.312	1.359	30	4.41	6.59	0.40	2.09
7205	13	0.312	1.536	30	5.36	7.64	0.41	2.39
7206	13	0.375	1.831	30	5.35	7.65	0.41	2.36
7207	13	0.437	2.107	30	5.33	7.67	0.41	2.33

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
7209	14	0.5	2.56	30	5.82	8.18	0.42	2.49
7210	15	0.5	2.757	30	6.32	8.68	0.42	2.69
7211	15	0.562	3.052	30	6.3	8.7	0.42	2.65
7212	15	0.625	3.407	30	6.31	8.69	0.42	2.66
7213	16	0.656	3.643	30	6.75	9.25	0.42	2.71
7214	16	0.687	3.84	30	6.76	9.24	0.42	2.73
7215	17	0.687	4.076	30	7.26	9.74	0.43	2.9
7216	16	0.749	4.332	30	6.8	9.2	0.43	2.83
7217	17	0.781	4.648	30	7.26	9.74	0.43	2.91
7218	16	0.874	4.923	30	6.77	9.23	0.42	2.75
7219	16	0.937	5.219	30	6.76	9.24	0.42	2.72
7220	15	1	5.514	30	6.32	8.68	0.42	2.69
7221	15	1.062	5.81	30	6.31	8.69	0.42	2.67
7222	15	1.125	6.105	30	6.3	8.7	0.42	2.64
7224	15	1.187	6.594	30	6.33	8.67	0.42	2.71
7226	15	1.25	7.09	30	6.35	8.65	0.42	2.77
7228	16	1.25	7.68	30	6.87	9.13	0.43	3.01
7230	16	1.374	8.267	30	6.85	9.15	0.43	2.95
7232	16	1.5	8.858	30	6.83	9.17	0.43	2.89
7234	16	1.625	9.452	30	6.81	9.19	0.43	2.84
7236	17	1.625	9.846	30	7.29	9.71	0.43	2.97
7238	17	1.625	10.437	30	7.35	9.65	0.43	3.15
7240	17	1.75	11.027	30	7.33	9.67	0.43	3.09
7200B	10	0.187	0.808	40	4.11	5.89	0.41	2.04
7201B	10	0.218	0.867	40	4.04	5.96	0.4	1.91
7202B	10	0.25	0.984	40	4.03	5.97	0.40	1.89
7203B	11	0.281	1.133	40	4.46	6.54	0.41	1.94
7204B	11	0.312	1.359	40	4.53	6.47	0.41	2.11
7205B	13	0.312	1.537	40	5.49	7.51	0.42	2.4
7206B	13	0.375	1.832	40	5.48	7.52	0.42	2.38
7207B	13	0.437	2.106	40	5.47	7.53	0.42	2.35
7208B	14	0.468	2.364	40	5.94	8.06	0.42	2.47
7209B	14	0.5	2.561	40	5.95	8.05	0.43	2.5
7210B	15	0.5	2.758	40	6.46	8.54	0.43	2.7
7211B	15	0.562	3.054	40	6.44	8.56	0.43	2.66
7212B	15	0.625	3.408	40	6.45	8.55	0.43	2.67
7213B	16	0.656	3.645	40	6.9	9.1	0.43	2.73
7214B	16	0.687	3.841	40	6.9	9.1	0.43	2.74
7215B	17	0.687	4.078	40	7.4	9.6	0.44	2.92
7216B	16	0.749	4.334	40	6.94	9.06	0.43	2.84
7217B	17	0.781	4.649	40	7.41	9.59	0.44	2.93
7218B	16	0.874	4.925	40	6.91	9.09	0.43	2.77

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
7220B	15	1	5.517	40	6.46	8.54	0.43	2.71
7221B	15	1.062	5.812	40	6.45	8.55	0.43	2.68
7222B	15	1.125	6.108	40	6.44	8.56	0.43	2.66
7224B	15	1.187	6.594	40	6.47	8.53	0.43	2.72
7226B	15	1.25	7.093	40	6.49	8.51	0.43	2.79
7228B	16	1.25	7.683	40	7	9	0.44	3.03
7230B	16	1.374	8.267	40	6.98	9.02	0.44	2.96
7232B	16	1.5	8.858	40	6.96	9.04	0.44	2.9
7234B	16	1.625	9.455	40	6.95	9.05	0.43	2.86
7236B	17	1.625	9.849	40	7.43	9.57	0.44	2.98
7238B	17	1.625	10.44	40	7.49	9.51	0.44	3.17
7240B	17	1.75	11.023	40	7.47	9.53	0.44	3.1
7300	8	0.281	0.914	30	2.93	5.07	0.37	1.47
7301	8	0.312	0.965	30	2.88	5.12	0.36	1.43
7302	10	0.312	1.162	30	3.84	6.16	0.38	1.76
7303	10	0.343	1.26	30	3.82	6.18	0.38	1.73
7304	10	0.375	1.418	30	3.85	6.15	0.39	1.79
7305	11	0.437	1.713	30	4.28	6.72	0.39	1.86
7306	13	0.468	2.048	30	5.21	7.79	0.40	2.1
7307	12	0.531	2.265	30	4.78	7.22	0.4	2.04
7308	12	0.593	2.56	30	4.8	7.2	0.40	2.07
7309	12	0.687	2.854	30	4.75	7.25	0.4	1.99
7310	12	0.749	3.149	30	4.76	7.24	0.40	2.01
7311	12	0.812	3.506	30	4.8	7.2	0.4	2.07
7312	12	0.874	3.782	30	4.8	7.2	0.40	2.08
7313	12	0.937	4.038	30	4.79	7.21	0.4	2.07
7314	12	1	4.333	30	4.8	7.2	0.40	2.08
7315	12	1.062	4.629	30	4.81	7.19	0.4	2.09
7316	12	1.125	4.924	30	4.81	7.19	0.40	2.1
7317	12	1.187	5.22	30	4.82	7.18	0.4	2.11
7318	12	1.25	5.515	30	4.82	7.18	0.40	2.12
7319	12	1.312	5.81	30	4.83	7.17	0.4	2.13
7320	12	1.437	6.205	30	4.8	7.2	0.40	2.07
7321	12	1.5	6.496	30	4.8	7.2	0.4	2.08
7322	11	1.625	6.953	30	4.39	6.61	0.40	2.05
7324	12	1.625	7.485	30	4.87	7.13	0.41	2.22
7326	12	1.75	8.075	30	4.87	7.13	0.41	2.23
7328	12	1.875	8.666	30	4.88	7.12	0.41	2.23
7330	12	2	9.251	30	4.88	7.12	0.41	2.23
7332	13	2	9.847	30	5.36	7.64	0.41	2.39
7334	12	2.25	10.439	30	4.88	7.12	0.41	2.24
7336	13	2.25	11.03	30	5.35	7.65	0.41	2.37

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
7340	12	2.5	12.211	30	4.94	7.06	0.41	2.37
7300B	8	0.281	0.914	40	3.06	4.94	0.38	1.47
7301B	8	0.312	0.966	40	3.01	4.99	0.38	1.45
7302B	10	0.312	1.162	40	3.97	6.03	0.40	1.78
7303B	10	0.343	1.26	40	3.96	6.04	0.4	1.76
7304B	10	0.375	1.419	40	3.99	6.01	0.40	1.81
7305B	11	0.437	1.715	40	4.43	6.57	0.4	1.89
7306B	13	0.468	2.047	40	5.36	7.64	0.41	2.12
7307B	12	0.531	2.264	40	4.92	7.08	0.41	2.06
7308B	12	0.593	2.559	40	4.93	7.07	0.41	2.09
7309B	12	0.687	2.854	40	4.89	7.11	0.41	2.01
7310B	12	0.749	3.15	40	4.91	7.09	0.41	2.03
7311B	12	0.812	3.508	40	4.94	7.06	0.41	2.09
7312B	12	0.874	3.784	40	4.94	7.06	0.41	2.1
7313B	12	0.937	4.04	40	4.93	7.07	0.41	2.09
7314B	12	1	4.336	40	4.94	7.06	0.41	2.1
7315B	12	1.062	4.632	40	4.95	7.05	0.41	2.11
7316B	12	1.125	4.927	40	4.95	7.05	0.41	2.12
7317B	12	1.187	5.42	40	4.99	7.01	0.42	2.22
7318B	12	1.25	5.518	40	4.96	7.04	0.41	2.14
7319B	12	1.312	5.814	40	4.96	7.04	0.41	2.15
7320B	12	1.437	6.208	40	4.94	7.06	0.41	2.09
7321B	12	1.5	6.496	40	4.94	7.06	0.41	2.1
7322B	11	1.625	6.956	40	4.52	6.48	0.41	2.07
7324B	12	1.625	7.489	40	5	7	0.42	2.24
7326B	12	1.75	8.074	40	5	7	0.42	2.24
7328B	12	1.875	8.661	40	5	7	0.42	2.25
7330B	12	2	9.252	40	5.01	6.99	0.42	2.25
7332B	13	2	9.851	40	5.49	7.51	0.42	2.4
7334B	12	2.25	10.444	40	5.01	6.99	0.42	2.26
7336B	13	2.25	11.034	40	5.48	7.52	0.42	2.39
7338B	14	2.25	11.625	40	5.96	8.04	0.43	2.53
7340B	12	2.5	12.217	40	5.06	6.94	0.42	2.38

## DOUBLE ROW ANGULAR CONTACT BALL BEARINGS

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
3200	12	0.187	0.787	30	4.77	7.23	0.40	1.99
3201	12	0.187	0.866	30	4.88	7.12	0.41	2.23
3202	12	0.218	0.984	30	4.85	7.15	0.40	2.17
3203	12	0.25	1.122	30	4.84	7.16	0.4	2.16
3204	12	0.281	1.318	30	4.89	7.11	0.41	2.27
3205	14	0.281	1.515	30	5.88	8.12	0.42	2.63
3206	14	0.343	1.811	30	5.85	8.15	0.42	2.57
3207	14	0.406	2.106	30	5.83	8.17	0.42	2.52
3208	16	0.406	2.362	30	6.81	9.19	0.43	2.84
3209	16	0.437	2.559	30	6.82	9.18	0.43	2.86
3210	16	0.468	2.755	30	6.82	9.18	0.43	2.88
3211	16	0.531	3.051	30	6.79	9.21	0.42	2.81
3212	18	0.531	3.405	30	7.78	10.22	0.43	3.15
3213	18	0.562	3.641	30	7.8	10.2	0.43	3.18
3214	18	0.593	3.838	30	7.8	10.2	0.43	3.18
3215	18	0.625	4.035	30	7.79	10.21	0.43	3.17
3216	16	0.687	4.33	30	6.9	9.1	0.43	3.09
3217	16	0.749	4.625	30	6.88	9.12	0.43	3.03
3218	15	0.812	4.921	30	6.43	8.57	0.43	2.97
3219	15	0.843	5.216	30	6.45	8.55	0.43	3.03
3220	14	1	5.511	30	5.9	8.1	0.42	2.69
3302	12	0.25	1.122	30	4.84	7.16	0.4	2.13
3303	12	0.281	1.259	30	4.84	7.16	0.40	2.16
3304	12	0.312	1.417	30	4.86	7.14	0.4	2.19
3305	12	0.375	1.712	30	4.86	7.14	0.41	2.2
3306	12	0.437	2.007	30	4.87	7.13	0.41	2.21
3307	12	0.500	2.263	30	4.85	7.15	0.40	2.18
3308	14	0.5	2.559	30	5.82	8.18	0.42	2.49
3309	14	0.562	2.854	30	5.81	8.19	0.41	2.47
3310	14	0.625	3.149	30	5.8	8.2	0.41	2.44
3311	14	0.687	3.444	30	5.79	8.21	0.41	2.43
3312	14	0.749	3.74	30	5.79	8.21	0.41	2.42
3313	14	0.812	4.035	30	5.78	8.22	0.41	2.41
3314	12	0.937	4.33	30	4.88	7.12	0.41	2.23
3315	12	1	4.625	30	4.88	7.12	0.41	2.23
5200	7	0.187	0.787	30	2.78	4.22	0.4	1.99
5201	7	0.218	0.866	30	2.74	4.26	0.39	1.89
5202	8	0.218	0.984	30	3.23	4.77	0.4	2.17
5203	8	0.25	1.122	30	3.23	4.77	0.40	2.16
5204	8	0.312	1.318	30	3.18	4.82	0.4	2.02



<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
5206	9	0.375	1.811	30	3.69	5.31	0.41	2.34
5207	9	0.437	2.106	30	3.69	5.31	0.41	2.33
5208	9	0.468	2.362	30	3.73	5.27	0.41	2.45
5209	9	0.5	2.559	30	3.74	5.26	0.42	2.49
5210	10	0.5	2.755	30	4.21	5.79	0.42	2.69
5211	10	0.562	3.11	30	4.22	5.78	0.42	2.7
5212	9	0.625	3.346	30	3.77	5.23	0.42	2.61
5213	10	0.656	3.661	30	4.22	5.78	0.42	2.72
5214	10	0.687	3.838	30	4.22	5.78	0.42	2.73
5215	10	0.687	4.035	30	4.26	5.74	0.43	2.87
5216	10	0.749	4.33	30	4.25	5.75	0.43	2.83
5217	11	0.749	4.625	30	4.73	6.27	0.43	3.03
5218	10	0.874	4.921	30	4.23	5.77	0.42	2.75
5219	10	0.937	5.216	30	4.22	5.78	0.42	2.72
5220	10	1	5.511	30	4.21	5.79	0.42	2.69
5302	7	0.312	1.161	30	2.69	4.31	0.38	1.73
5303	7	0.343	1.259	30	2.67	4.33	0.38	1.73
5304	7	0.343	1.417	30	2.77	4.23	0.40	1.97
5305	8	0.406	1.732	30	3.19	4.81	0.4	2.05
5306	8	0.468	2.047	30	3.21	4.79	0.40	2.1
5307	8	0.531	2.263	30	3.19	4.81	0.4	2.04
5308	8	0.593	2.559	30	3.2	4.8	0.40	2.07
5309	8	0.656	2.854	30	3.2	4.8	0.4	2.09
5310	8	0.718	3.149	30	3.21	4.79	0.40	2.11
5311	8	0.812	3.503	30	3.2	4.8	0.4	2.07
5312	8	0.874	3.779	30	3.2	4.8	0.40	2.08
5313	8	0.937	4.035	30	3.2	4.8	0.4	2.07
5314	8	1	4.33	30	3.2	4.8	0.40	2.08
5315	8	1.062	4.625	30	3.2	4.8	0.4	2.09

### SELF ALIGNING BALL BEARINGS

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
1200	9	0.187	0.783	11	3.45	5.55	0.38	1.98
1201	10	0.187	0.856	11	3.93	6.07	0.39	2.18
1202	10	0.218	0.974	11	3.9	6.1	0.39	2.13
1203	12	0.218	1.12	11	4.85	7.15	0.4	2.48
1204	12	0.25	1.328	10	4.89	7.11	0.41	2.56
1205	12	0.281	1.496	10	4.89	7.11	0.41	2.57
1206	14	0.312	1.791	9	5.8	8.2	0.41	2.79
1207	16	0.312	2.086	8	6.82	9.18	0.43	3.27
1208	17	0.343	2.346	8	7.27	9.73	0.43	3.35
1209	16	0.375	2.253	7	6.68	9.32	0.42	2.92
1210	18	0.375	2.732	7	7.77	10.23	0.43	3.58
1211	19	0.406	3.051	7	8.25	10.75	0.43	3.69
1212	19	0.437	3.385	7	8.28	10.72	0.44	3.81
1213	21	0.437	3.681	6	9.26	11.74	0.44	4.15
1214	20	0.468	3.779	6	8.77	11.23	0.44	3.98
1215	20	0.5	4.055	6	8.77	11.23	0.44	3.99
1216	22	0.5	4.389	6	9.75	12.25	0.44	4.33
1217	21	0.562	4.645	6	9.24	11.76	0.44	4.07
1218	19	0.625	4.901	6	8.3	10.7	0.44	3.86
1219	20	0.656	5.255	6	8.76	11.24	0.44	3.94
1220	20	0.687	5.531	6	8.76	11.24	0.44	3.96
1221	20	0.718	5.846	6	8.78	11.22	0.44	4.01
1222	20	0.749	6.102	6	8.78	11.22	0.44	4.01
1300	9	0.218	0.885	12	3.42	5.58	0.38	1.91
1301	9	0.25	0.964	12	3.36	5.64	0.37	1.8
1302	10	0.25	1.082	12	3.87	6.13	0.39	2.05
1303	11	0.281	1.24	12	4.28	6.72	0.39	2.1
1304	12	0.281	1.417	11	4.83	7.17	0.4	2.43
1305	12	0.343	1.712	10	4.82	7.18	0.40	2.4
1306	13	0.375	2.027	9	5.31	7.69	0.41	2.61
1307	14	0.406	2.322	9	5.79	8.21	0.41	2.77
1308	15	0.437	2.578	9	6.24	8.76	0.42	2.87
1309	15	0.5	2.874	9	6.21	8.79	0.41	2.79
1310	13	0.562	3.169	8	5.36	7.64	0.41	2.73
1311	15	0.593	3.484	8	6.24	8.76	0.42	2.85
1312	16	0.625	3.877	8	6.72	9.28	0.42	3.02
1313	16	0.656	4.114	8	6.74	9.26	0.42	3.06
1314	16	0.718	4.37	8	6.7	9.3	0.42	2.96
1315	16	0.749	4.665	8	6.73	9.27	0.42	3.04
1316	15	0.812	4.98	8	6.29	8.71	0.42	2.99

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
1318	15	0.937	5.57	8	6.25	8.75	0.42	2.89
1319	15	1	5.846	8	6.23	8.77	0.42	2.84
1320	15	1.062	6.22	8	6.23	8.77	0.42	2.84
1321	15	1.125	6.496	8	6.21	8.79	0.41	2.8
1322	17	1.125	6.988	8	7.14	9.86	0.42	3.03
2200	9	0.218	0.755	23	3.3	5.7	0.37	1.59
2201	10	0.218	0.838	21	3.79	6.21	0.38	1.81
2202	11	0.218	0.964	18	4.32	6.68	0.39	2.11
2203	11	0.25	1.094	18	4.3	6.7	0.39	2.08
2204	12	0.281	1.287	17	4.75	7.25	0.40	2.19
2205	13	0.281	1.535	15	5.35	7.65	0.41	2.65
2206	14	0.312	1.811	14	5.83	8.17	0.42	2.82
2207	14	0.375	2.106	13	5.79	8.21	0.41	2.72
2208	16	0.375	2.362	12	6.76	9.24	0.42	3.07
2209	18	0.375	2.559	11	7.71	10.29	0.43	3.34
2210	19	0.375	2.755	10	8.23	10.77	0.43	3.61
2211	19	0.406	3.051	10	8.26	10.74	0.43	3.69
2212	18	0.468	3.346	10	7.76	10.24	0.43	3.51
2213	18	0.531	3.641	10	7.71	10.29	0.43	3.36
2214	19	0.531	3.838	10	8.21	10.79	0.43	3.55
2215	20	0.531	4.055	9	8.71	11.29	0.44	3.75
2216	20	0.562	4.37	9	8.73	11.27	0.44	3.83
2217	19	0.625	4.625	9	8.23	10.77	0.43	3.63
2218	19	0.687	4.921	10	8.19	10.81	0.43	3.51
2219	19	0.749	5.216	10	8.16	10.84	0.43	3.41
2220	18	0.812	5.511	10	7.69	10.31	0.43	3.32
2221	18	0.874	5.807	10	7.67	10.33	0.43	3.25
2222	18	0.937	6.102	10	7.64	10.36	0.42	3.18
2300	7	0.281	0.85	23	2.43	4.57	0.35	1.37
2301	9	0.281	0.925	22	3.23	5.77	0.36	1.52
2302	10	0.281	1.094	19	3.79	6.21	0.38	1.83
2303	10	0.312	1.232	19	3.8	6.2	0.38	1.86
2304	11	0.343	1.381	18	4.2	6.8	0.38	1.9
2305	11	0.406	1.673	17	4.22	6.78	0.38	1.95
2306	11	0.468	1.976	16	4.25	6.75	0.39	2
2307	11	0.531	2.216	16	4.23	6.77	0.38	1.98
2308	12	0.562	2.519	16	4.71	7.29	0.39	2.14
2309	12	0.625	2.834	15	4.72	7.28	0.39	2.16
2310	12	0.687	3.098	15	4.71	7.29	0.39	2.15
2311	12	0.749	3.385	15	4.72	7.28	0.39	2.16
2312	12	0.812	3.681	15	4.72	7.28	0.39	2.16
2313	13	0.843	4.035	14	5.18	7.82	0.40	2.29

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
2315	13	0.968	4.625	14	5.18	7.82	0.40	2.29
2316	13	1	4.921	14	5.22	7.78	0.4	2.36
2317	13	1.062	5.196	13	5.21	7.79	0.40	2.35
2318	13	1.125	5.472	14	5.2	7.8	0.4	2.34
2319	13	1.187	5.728	14	5.19	7.81	0.40	2.32
2320	13	1.312	6.2	13	5.16	7.84	0.4	2.26
2321	13	1.374	6.496	14	5.17	7.83	0.40	2.26
2322	13	1.437	6.889	13	5.18	7.82	0.4	2.3

**CYLINDRICAL ROLLER BEARINGS**  
INCLUDES N, NJ, NF AND NUP SERIES

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NU1005	14	0.216	1.417	0	5.93	8.07	0.42	3.2
NU1006	16	0.236	1.673	0	6.87	9.13	0.43	3.47
NU1007	17	0.255	1.909	0	7.36	9.64	0.43	3.68
NU1008	18	0.275	2.125	0	7.84	10.16	0.44	3.8
NU1009	18	0.295	2.362	0	7.88	10.12	0.44	3.94
NU1010	19	0.295	2.559	0	8.4	10.6	0.44	4.28
NU1011	20	0.314	2.854	0	8.9	11.1	0.44	4.49
NU1012	22	0.314	3.051	0	9.87	12.13	0.45	4.81
NU1013	23	0.314	3.248	0	10.39	12.61	0.45	5.12
NU1014	20	0.393	3.543	0	8.89	11.11	0.44	4.45
NU1015	21	0.393	3.74	0	9.4	11.6	0.45	4.71
NU1016	21	0.433	4.035	0	9.37	11.63	0.45	4.61
NU1017	22	0.433	4.232	0	9.87	12.13	0.45	4.84
NU1018	22	0.472	4.527	0	9.85	12.15	0.45	4.74
NU1019	23	0.472	4.724	0	10.35	12.65	0.45	4.95
NU1020	24	0.472	4.921	0	10.85	13.15	0.45	5.16
NU1021	23	0.511	5.196	0	10.37	12.63	0.45	5.03
NU1022	22	0.59	5.511	0	9.82	12.18	0.45	4.62
NU1024	24	0.59	5.905	0	10.8	13.2	0.45	4.95
NU1026	23	0.669	6.496	0	10.32	12.68	0.45	4.8
NU1028	24	0.669	6.889	0	10.83	13.17	0.45	5.1
NU1030	25	0.708	7.381	0	11.3	13.7	0.45	5.16
NU1032	24	0.787	7.874	0	10.8	13.2	0.45	4.95
NU1034	23	0.866	8.464	0	10.32	12.68	0.45	4.84
NU1036	22	0.984	9.055	0	9.8	12.2	0.45	4.55
NU1038	23	0.984	9.448	0	10.3	12.7	0.45	4.75
NU1040	24	1.023	10.039	0	10.78	13.22	0.45	4.86
NU1044	23	1.181	11.023	0	10.27	12.73	0.45	4.61
NU1048	25	1.181	11.811	0	11.25	13.75	0.45	4.95
NU1052	24	1.338	12.992	0	10.76	13.24	0.45	4.8
NU1056	25	1.338	13.779	0	11.29	13.71	0.45	5.1
NU1060	23	1.574	14.96	0	10.29	12.71	0.45	4.7
NU1064	24	1.574	15.748	0	10.8	13.2	0.45	4.95
NU1068	23	1.771	16.929	0	10.3	12.7	0.45	4.73
NU1072	24	1.771	17.716	0	10.8	13.2	0.45	4.95
NU1076	25	1.771	18.503	0	11.3	13.7	0.45	5.18
NU1080	24	1.968	19.685	0	10.8	13.2	0.45	4.95
NU1084	25	1.968	20.472	0	11.3	13.7	0.45	5.15
NU1088	25	2.047	21.456	0	11.31	13.69	0.45	5.19

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NU1096	26	2.125	23.228	0	11.81	14.19	0.45	5.42
NU10/500	27	2.125	24.015	0	12.31	14.69	0.46	5.61
NU204	11	0.255	1.318	0	4.44	6.56	0.40	2.49
NU205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NU206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NU207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NU208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NU209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NU210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NU211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NU212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NU213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NU214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NU215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NU216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NU217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NU218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NU219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NU220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NU221	16	0.826	5.818	0	6.86	9.14	0.43	3.45
NU222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NU224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NU226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NU228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NU230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NU232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NU234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NU236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NU238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NU240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NU244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NU248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NU252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NU256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NU260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NU264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NU204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NU205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NU206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NU207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NU208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NU209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NU211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NU212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NU213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NU214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NU215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NU216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NU217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NU218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NU219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NU220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NU222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NU224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NU226E	17	1.102	7.145	0	7.19	9.81	0.42	3.16
NU228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NU230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NU232E	19	1.259	8.937	0	8.16	10.84	0.43	3.48
NU234E	18	1.417	9.566	0	7.67	10.33	0.43	3.3
NU236E	19	1.417	9.96	0	8.15	10.85	0.43	3.44
NU238E	19	1.496	10.551	0	8.15	10.85	0.43	3.46
NU240E	19	1.574	11.141	0	8.16	10.84	0.43	3.47
NU2204	11	0.255	1.318	0	4.44	6.56	0.4	2.49
NU2205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NU2206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NU2207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NU2208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NU2209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NU2210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NU2211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NU2212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NU2213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NU2214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NU2215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NU2216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NU2217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NU2218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NU2219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NU2220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NU2222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NU2224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NU2226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NU2228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NU2230	18	1.102	8.267	0	7.8	10.2	0.43	3.68

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NU2234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NU2236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NU2238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NU2240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NU2244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NU2248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NU2252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NU2256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NU2260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NU2264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NU2204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NU2205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NU2206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NU2207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NU2208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NU2209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NU2210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NU2211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NU2212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NU2213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NU2214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NU2215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NU2216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NU2217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NU2218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NU2219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NU2220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NU2222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NU2224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NU2226E	17	1.107	7.145	0	7.18	9.82	0.42	3.15
NU2228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NU2230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NU2232E	18	1.338	8.937	0	7.65	10.35	0.43	3.26
NU2234E	17	1.496	9.566	0	7.17	9.83	0.42	3.12
NU2236E	18	1.496	9.96	0	7.65	10.35	0.42	3.25
NU2238E	18	1.574	10.551	0	7.66	10.34	0.43	3.28
NU2240E	18	1.653	11.141	0	7.66	10.34	0.43	3.3
NU2304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NU2305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NU2306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NU2307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NU2308	12	0.472	2.578	0	4.9	7.1	0.41	2.64



Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NU2310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NU2311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NU2312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NU2313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NU2314	13	0.787	4.33	0	5.32	7.68	0.41	2.66
NU2315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NU2316	13	0.866	4.921	0	5.36	7.64	0.41	2.75
NU2317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NU2318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NU2319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NU2320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NU2322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NU2324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NU2326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NU2328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NU2320	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NU2332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NU2334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NU2336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NU2338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NU2340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NU2344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NU2348	16	2.362	14.566	0	6.7	9.3	0.42	3
NU2352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NU2356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NU2304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NU2305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NU2306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NU2307E	13	0.472	2.291	0	5.16	7.84	0.4	2.32
NU2308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NU2309E	13	0.59	2.893	0	5.17	7.83	0.4	2.35
NU2310E	13	0.629	3.188	0	5.22	7.78	0.40	2.44
NU2311E	13	0.708	3.484	0	5.18	7.82	0.4	2.36
NU2312E	13	0.748	3.779	0	5.21	7.79	0.40	2.43
NU2313E	13	0.826	4.074	0	5.18	7.82	0.4	2.36
NU2314E	13	0.866	4.37	0	5.21	7.79	0.40	2.42
NU2315E	13	0.944	4.685	0	5.19	7.81	0.4	2.38
NU2316E	13	0.984	4.96	0	5.21	7.79	0.40	2.42
NU2317E	14	1.023	5.275	0	5.64	8.36	0.4	2.48
NU2318E	13	1.102	5.57	0	5.21	7.79	0.40	2.43
NU2319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NU2320E	13	1.259	6.279	0	5.2	7.8	0.40	2.39

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NU2324E	13	1.496	7.559	0	5.21	7.79	0.40	2.43
NU2326E	14	1.574	8.149	0	5.65	8.35	0.4	2.49
NU2328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NU2330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NU2332E	14	1.889	9.921	0	5.67	8.33	0.40	2.53
NU304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NU305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NU306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NU307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NU308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NU309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NU310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NU311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NU312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NU313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NU314	13	0.783	4.33	0	5.32	7.68	0.41	2.67
NU315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NU316	14	0.866	4.921	0	5.77	8.23	0.41	2.75
NU317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NU318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NU319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NU320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NU321	14	1.181	6.496	0	5.73	8.27	0.41	2.66
NU322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NU324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NU326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NU328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NU330	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NU332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NU334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NU336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NU338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NU340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NU344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NU348	16	2.362	14.566	0	6.7	9.3	0.42	3
NU352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NU356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NU304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NU305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NU306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NU307E	13	0.472	2.291	0	5.16	7.84	0.40	2.32
NU308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NU310E	13	0.629	3.188	0	5.22	7.78	0.4	2.44
NU311E	13	0.708	3.484	0	5.18	7.82	0.40	2.36
NU312E	13	0.748	3.779	0	5.21	7.79	0.4	2.43
NU313E	13	0.826	4.074	0	5.18	7.82	0.40	2.36
NU314E	13	0.866	4.37	0	5.21	7.79	0.4	2.42
NU315E	13	0.944	4.685	0	5.19	7.81	0.40	2.38
NU316E	13	0.984	4.96	0	5.21	7.79	0.4	2.42
NU317E	14	1.023	5.275	0	5.64	8.36	0.40	2.48
NU318E	13	1.102	5.57	0	5.21	7.79	0.4	2.43
NU319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NU320E	13	1.259	6.279	0	5.2	7.8	0.4	2.39
NU322E	14	1.338	6.968	0	5.66	8.34	0.40	2.51
NU324E	13	1.496	7.559	0	5.21	7.79	0.4	2.43
NU326E	14	1.574	8.149	0	5.65	8.35	0.40	2.49
NU328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NU330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NU332E	14	1.889	9.921	0	5.67	8.33	0.4	2.53
NU405	9	0.472	2	0	3.44	5.56	0.38	2
NU406	9	0.551	2.322	0	3.43	5.57	0.38	1.99
NU407	10	0.59	2.677	0	3.9	6.1	0.39	2.16
NU408	10	0.669	2.952	0	3.87	6.13	0.39	2.09
NU409	11	0.708	3.248	0	4.3	6.7	0.39	2.18
NU410	11	0.787	3.574	0	4.29	6.71	0.39	2.16
NU411	11	0.787	3.826	0	4.37	6.63	0.40	2.33
NU412	11	0.866	4.133	0	4.35	6.65	0.4	2.28
NU413	12	0.905	4.421	0	4.77	7.23	0.40	2.34
NU414	12	1.023	4.96	0	4.76	7.24	0.4	2.32
NU415	11	1.102	5.216	0	4.34	6.66	0.39	2.26
NU416	11	1.181	5.511	0	4.32	6.68	0.39	2.23
NU417	11	1.259	5.708	0	4.29	6.71	0.39	2.16
NU418	11	1.338	6.2	0	4.31	6.69	0.39	2.21
NU419	12	1.338	6.594	0	4.78	7.22	0.40	2.36
NU420	12	1.417	6.771	0	4.74	7.26	0.4	2.28
NU421	12	1.496	7.185	0	4.75	7.25	0.40	2.3
NU422	12	1.574	7.677	0	4.77	7.23	0.4	2.34
NU424	12	1.771	8.464	0	4.74	7.26	0.40	2.28
NU426	12	1.968	9.251	0	4.72	7.28	0.39	2.24
NU438	12	2.047	9.842	0	4.75	7.25	0.40	2.3
NU430	13	2.047	10.433	0	5.22	7.78	0.4	2.45

### SPHERICAL ROLLER BEARINGS

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N1005	14	0.216	1.417	0	5.93	8.07	0.42	3.2
N1006	16	0.236	1.673	0	6.87	9.13	0.43	3.47
N1007	17	0.255	1.909	0	7.36	9.64	0.43	3.68
N1008	18	0.275	2.125	0	7.84	10.16	0.44	3.8
N1009	18	0.295	2.362	0	7.88	10.12	0.44	3.94
N1010	19	0.295	2.559	0	8.4	10.6	0.44	4.28
N1011	20	0.314	2.854	0	8.9	11.1	0.44	4.49
N1012	22	0.314	3.051	0	9.87	12.13	0.45	4.81
N1013	23	0.314	3.248	0	10.39	12.61	0.45	5.12
N1014	20	0.393	3.543	0	8.89	11.11	0.44	4.45
N1015	21	0.393	3.74	0	9.4	11.6	0.45	4.71
N1016	21	0.433	4.035	0	9.37	11.63	0.45	4.61
N1017	22	0.433	4.232	0	9.87	12.13	0.45	4.84
N1018	22	0.472	4.527	0	9.85	12.15	0.45	4.74
N1019	23	0.472	4.724	0	10.35	12.65	0.45	4.95
N1020	24	0.472	4.921	0	10.85	13.15	0.45	5.16
N1021	23	0.511	5.196	0	10.37	12.63	0.45	5.03
N1022	22	0.59	5.511	0	9.82	12.18	0.45	4.62
N1024	24	0.59	5.905	0	10.8	13.2	0.45	4.95
N1026	23	0.669	6.496	0	10.32	12.68	0.45	4.8
N1028	24	0.669	6.889	0	10.83	13.17	0.45	5.1
N1030	25	0.708	7.381	0	11.3	13.7	0.45	5.16
N1032	24	0.787	7.874	0	10.8	13.2	0.45	4.95
N1034	23	0.866	8.464	0	10.32	12.68	0.45	4.84
N1036	22	0.984	9.055	0	9.8	12.2	0.45	4.55
N1038	23	0.984	9.448	0	10.3	12.7	0.45	4.75
N1040	24	1.023	10.039	0	10.78	13.22	0.45	4.86
N1044	23	1.181	11.023	0	10.27	12.73	0.45	4.61
N1048	25	1.181	11.811	0	11.25	13.75	0.45	4.95
N1052	24	1.338	12.992	0	10.76	13.24	0.45	4.8
N1056	25	1.338	13.779	0	11.29	13.71	0.45	5.1
N1060	23	1.574	14.96	0	10.29	12.71	0.45	4.7
N1064	24	1.574	15.748	0	10.8	13.2	0.45	4.95
N1068	23	1.771	16.929	0	10.3	12.7	0.45	4.73
N1072	24	1.771	17.716	0	10.8	13.2	0.45	4.95
N1076	25	1.771	18.503	0	11.3	13.7	0.45	5.18
N1080	24	1.968	19.685	0	10.8	13.2	0.45	4.95
N1084	25	1.968	20.472	0	11.3	13.7	0.45	5.15
N1088	25	2.047	21.456	0	11.31	13.69	0.45	5.19
N1092	25	2.125	22.44	0	11.32	13.68	0.45	5.23

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N10/500	27	2.125	24.015	0	12.31	14.69	0.46	5.61
N204	11	0.255	1.318	0	4.44	6.56	0.40	2.49
N205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
N206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
N207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
N208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
N209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
N210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
N211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
N212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
N213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
N214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
N215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
N216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
N217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
N218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
N219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
N220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
N221	16	0.826	5.818	0	6.86	9.14	0.43	3.45
N222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
N224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
N226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
N228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
N230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
N232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
N234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
N236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
N238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
N240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
N244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
N248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
N252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
N256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
N260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
N264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
N204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
N205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
N206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
N207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
N208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
N209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
N210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
N213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
N214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
N215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
N216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
N217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
N218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
N219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
N220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
N222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
N224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
N226E	17	1.102	7.145	0	7.19	9.81	0.42	3.16
N228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
N230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
N232E	19	1.259	8.937	0	8.16	10.84	0.43	3.48
N234E	18	1.417	9.566	0	7.67	10.33	0.43	3.3
N236E	19	1.417	9.96	0	8.15	10.85	0.43	3.44
N238E	19	1.496	10.551	0	8.15	10.85	0.43	3.46
N240E	19	1.574	11.141	0	8.16	10.84	0.43	3.47
N2204	11	0.255	1.318	0	4.44	6.56	0.4	2.49
N2205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
N2206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
N2207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
N2208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
N2209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
N2210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
N2211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
N2212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
N2213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
N2214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
N2215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
N2216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
N2217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
N2218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
N2219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
N2220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
N2222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
N2224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
N2226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
N2228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
N2230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
N2232	18	1.181	8.858	0	7.8	10.2	0.43	3.68

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N2236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
N2238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
N2240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
N2244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
N2248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
N2252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
N2256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
N2260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
N2264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
N2204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
N2205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
N2206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
N2207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
N2208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
N2209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
N2210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
N2211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
N2212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
N2213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
N2214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
N2215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
N2216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
N2217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
N2218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
N2219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
N2220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
N2222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
N2224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
N2226E	17	1.107	7.145	0	7.18	9.82	0.42	3.15
N2228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
N2230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
N2232E	18	1.338	8.937	0	7.65	10.35	0.43	3.26
N2234E	17	1.496	9.566	0	7.17	9.83	0.42	3.12
N2236E	18	1.496	9.96	0	7.65	10.35	0.42	3.25
N2238E	18	1.574	10.551	0	7.66	10.34	0.43	3.28
N2240E	18	1.653	11.141	0	7.66	10.34	0.43	3.3
N2304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
N2305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
N2306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
N2307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
N2308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
N2309	12	0.551	2.854	0	4.84	7.16	0.40	2.49

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N2311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
N2312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
N2313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
N2314	13	0.787	4.33	0	5.32	7.68	0.41	2.66
N2315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
N2316	13	0.866	4.921	0	5.36	7.64	0.41	2.75
N2317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
N2318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
N2319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
N2320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
N2322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
N2324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
N2326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
N2328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
N2320	14	1.653	9.251	0	5.75	8.25	0.41	2.71
N2332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
N2334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
N2336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
N2338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
N2340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
N2344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
N2348	16	2.362	14.566	0	6.7	9.3	0.42	3
N2352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
N2356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
N2304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
N2305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
N2306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
N2307E	13	0.472	2.291	0	5.16	7.84	0.4	2.32
N2308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
N2309E	13	0.59	2.893	0	5.17	7.83	0.4	2.35
N2310E	13	0.629	3.188	0	5.22	7.78	0.40	2.44
N2311E	13	0.708	3.484	0	5.18	7.82	0.4	2.36
N2312E	13	0.748	3.779	0	5.21	7.79	0.40	2.43
N2313E	13	0.826	4.074	0	5.18	7.82	0.4	2.36
N2314E	13	0.866	4.37	0	5.21	7.79	0.40	2.42
N2315E	13	0.944	4.685	0	5.19	7.81	0.4	2.38
N2316E	13	0.984	4.96	0	5.21	7.79	0.40	2.42
N2317E	14	1.023	5.275	0	5.64	8.36	0.4	2.48
N2318E	13	1.102	5.57	0	5.21	7.79	0.40	2.43
N2319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
N2320E	13	1.259	6.279	0	5.2	7.8	0.40	2.39
N2322E	14	1.338	6.968	0	5.66	8.34	0.4	2.51



Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
N2326E	14	1.574	8.149	0	5.65	8.35	0.4	2.49
N2328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
N2330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
N2332E	14	1.889	9.921	0	5.67	8.33	0.40	2.53
N304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
N305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
N306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
N307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
N308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
N309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
N310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
N311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
N312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
N313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
N314	13	0.783	4.33	0	5.32	7.68	0.41	2.67
N315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
N316	14	0.866	4.921	0	5.77	8.23	0.41	2.75
N317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
N318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
N319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
N320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
N321	14	1.181	6.496	0	5.73	8.27	0.41	2.66
N322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
N324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
N326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
N328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
N330	14	1.653	9.251	0	5.75	8.25	0.41	2.71
N332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
N334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
N336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
N338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
N340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
N344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
N348	16	2.362	14.566	0	6.7	9.3	0.42	3
N352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
N356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
N304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
N305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
N306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
N307E	13	0.472	2.291	0	5.16	7.84	0.40	2.32
N308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
N309E	13	0.59	2.893	0	5.17	7.83	0.40	2.35

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
N311E	13	0.708	3.484	0	5.18	7.82	0.40	2.36
N312E	13	0.748	3.779	0	5.21	7.79	0.4	2.43
N313E	13	0.826	4.074	0	5.18	7.82	0.40	2.36
N314E	13	0.866	4.37	0	5.21	7.79	0.4	2.42
N315E	13	0.944	4.685	0	5.19	7.81	0.40	2.38
N316E	13	0.984	4.96	0	5.21	7.79	0.4	2.42
N317E	14	1.023	5.275	0	5.64	8.36	0.40	2.48
N318E	13	1.102	5.57	0	5.21	7.79	0.4	2.43
N319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
N320E	13	1.259	6.279	0	5.2	7.8	0.4	2.39
N322E	14	1.338	6.968	0	5.66	8.34	0.40	2.51
N324E	13	1.496	7.559	0	5.21	7.79	0.4	2.43
N326E	14	1.574	8.149	0	5.65	8.35	0.40	2.49
N328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
N330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
N332E	14	1.889	9.921	0	5.67	8.33	0.4	2.53
N405	9	0.472	2	0	3.44	5.56	0.38	2
N406	9	0.551	2.322	0	3.43	5.57	0.38	1.99
N407	10	0.59	2.677	0	3.9	6.1	0.39	2.16
N408	10	0.669	2.952	0	3.87	6.13	0.39	2.09
N409	11	0.708	3.248	0	4.3	6.7	0.39	2.18
N410	11	0.787	3.574	0	4.29	6.71	0.39	2.16
N411	11	0.787	3.826	0	4.37	6.63	0.40	2.33
N412	11	0.866	4.133	0	4.35	6.65	0.4	2.28
N413	12	0.905	4.421	0	4.77	7.23	0.40	2.34
N414	12	1.023	4.96	0	4.76	7.24	0.4	2.32
N415	11	1.102	5.216	0	4.34	6.66	0.39	2.26
N416	11	1.181	5.511	0	4.32	6.68	0.39	2.23
N417	11	1.259	5.708	0	4.29	6.71	0.39	2.16
N418	11	1.338	6.2	0	4.31	6.69	0.39	2.21
N419	12	1.338	6.594	0	4.78	7.22	0.40	2.36
N420	12	1.417	6.771	0	4.74	7.26	0.4	2.28
N421	12	1.496	7.185	0	4.75	7.25	0.40	2.3
N422	12	1.574	7.677	0	4.77	7.23	0.4	2.34
N424	12	1.771	8.464	0	4.74	7.26	0.40	2.28
N426	12	1.968	9.251	0	4.72	7.28	0.39	2.24
N438	12	2.047	9.842	0	4.75	7.25	0.40	2.3
N430	13	2.047	10.433	0	5.22	7.78	0.4	2.45
NJ1005	14	0.216	1.417	0	5.93	8.07	0.42	3.2
NJ1006	16	0.236	1.673	0	6.87	9.13	0.43	3.47
NJ1007	17	0.255	1.909	0	7.36	9.64	0.43	3.68
NJ1008	18	0.275	2.125	0	7.84	10.16	0.44	3.8

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NJ1010	19	0.295	2.559	0	8.4	10.6	0.44	4.28
NJ1011	20	0.314	2.854	0	8.9	11.1	0.44	4.49
NJ1012	22	0.314	3.051	0	9.87	12.13	0.45	4.81
NJ1013	23	0.314	3.248	0	10.39	12.61	0.45	5.12
NJ1014	20	0.393	3.543	0	8.89	11.11	0.44	4.45
NJ1015	21	0.393	3.74	0	9.4	11.6	0.45	4.71
NJ1016	21	0.433	4.035	0	9.37	11.63	0.45	4.61
NJ1017	22	0.433	4.232	0	9.87	12.13	0.45	4.84
NJ1018	22	0.472	4.527	0	9.85	12.15	0.45	4.74
NJ1019	23	0.472	4.724	0	10.35	12.65	0.45	4.95
NJ1020	24	0.472	4.921	0	10.85	13.15	0.45	5.16
NJ1021	23	0.511	5.196	0	10.37	12.63	0.45	5.03
NJ1022	22	0.59	5.511	0	9.82	12.18	0.45	4.62
NJ1024	24	0.59	5.905	0	10.8	13.2	0.45	4.95
NJ1026	23	0.669	6.496	0	10.32	12.68	0.45	4.8
NJ1028	24	0.669	6.889	0	10.83	13.17	0.45	5.1
NJ1030	25	0.708	7.381	0	11.3	13.7	0.45	5.16
NJ1032	24	0.787	7.874	0	10.8	13.2	0.45	4.95
NJ1034	23	0.866	8.464	0	10.32	12.68	0.45	4.84
NJ1036	22	0.984	9.055	0	9.8	12.2	0.45	4.55
NJ1038	23	0.984	9.448	0	10.3	12.7	0.45	4.75
NJ1040	24	1.023	10.039	0	10.78	13.22	0.45	4.86
NJ1044	23	1.181	11.023	0	10.27	12.73	0.45	4.61
NJ1048	25	1.181	11.811	0	11.25	13.75	0.45	4.95
NJ1052	24	1.338	12.992	0	10.76	13.24	0.45	4.8
NJ1056	25	1.338	13.779	0	11.29	13.71	0.45	5.1
NJ1060	23	1.574	14.96	0	10.29	12.71	0.45	4.7
NJ1064	24	1.574	15.748	0	10.8	13.2	0.45	4.95
NJ1068	23	1.771	16.929	0	10.3	12.7	0.45	4.73
NJ1072	24	1.771	17.716	0	10.8	13.2	0.45	4.95
NJ1076	25	1.771	18.503	0	11.3	13.7	0.45	5.18
NJ1080	24	1.968	19.685	0	10.8	13.2	0.45	4.95
NJ1084	25	1.968	20.472	0	11.3	13.7	0.45	5.15
NJ1088	25	2.047	21.456	0	11.31	13.69	0.45	5.19
NJ1092	25	2.125	22.44	0	11.32	13.68	0.45	5.23
NJ1096	26	2.125	23.228	0	11.81	14.19	0.45	5.42
NJ10/500	27	2.125	24.015	0	12.31	14.69	0.46	5.61
NJ204	11	0.255	1.318	0	4.44	6.56	0.40	2.49
NJ205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NJ206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NJ207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NJ208	13	0.393	2.362	0	5.42	7.58	0.42	2.92

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NJ210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NJ211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NJ212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NJ213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NJ214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NJ215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NJ216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NJ217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NJ218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NJ219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NJ220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NJ221	16	0.826	5.818	0	6.86	9.14	0.43	3.45
NJ222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NJ224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NJ226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NJ228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NJ230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NJ232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NJ234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NJ236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NJ238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NJ240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NJ244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NJ248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NJ252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NJ256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NJ260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NJ264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NJ204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NJ205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NJ206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NJ207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NJ208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NJ209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NJ210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NJ211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NJ212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NJ213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NJ214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NJ215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NJ216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NJ217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NJ219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NJ220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NJ222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NJ224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NJ226E	17	1.102	7.145	0	7.19	9.81	0.42	3.16
NJ228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NJ230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NJ232E	19	1.259	8.937	0	8.16	10.84	0.43	3.48
NJ234E	18	1.417	9.566	0	7.67	10.33	0.43	3.3
NJ236E	19	1.417	9.96	0	8.15	10.85	0.43	3.44
NJ238E	19	1.496	10.551	0	8.15	10.85	0.43	3.46
NJ240E	19	1.574	11.141	0	8.16	10.84	0.43	3.47
NJ2204	11	0.255	1.318	0	4.44	6.56	0.4	2.49
NJ2205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NJ2206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NJ2207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NJ2208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NJ2209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NJ2210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NJ2211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NJ2212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NJ2213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NJ2214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NJ2215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NJ2216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NJ2217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NJ2218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NJ2219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NJ2220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NJ2222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NJ2224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NJ2226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NJ2228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NJ2230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NJ2232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NJ2234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NJ2236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NJ2238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NJ2240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NJ2244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NJ2248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NJ2252	19	1.968	14.566	0	8.22	10.78	0.43	3.63

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NJ2260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NJ2264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NJ2204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NJ2205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NJ2206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NJ2207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NJ2208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NJ2209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NJ2210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NJ2211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NJ2212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NJ2213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NJ2214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NJ2215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NJ2216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NJ2217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NJ2218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NJ2219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NJ2220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NJ2222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NJ2224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NJ2226E	17	1.107	7.145	0	7.18	9.82	0.42	3.15
NJ2228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NJ2230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NJ2232E	18	1.338	8.937	0	7.65	10.35	0.43	3.26
NJ2234E	17	1.496	9.566	0	7.17	9.83	0.42	3.12
NJ2236E	18	1.496	9.96	0	7.65	10.35	0.42	3.25
NJ2238E	18	1.574	10.551	0	7.66	10.34	0.43	3.28
NJ2240E	18	1.653	11.141	0	7.66	10.34	0.43	3.3
NJ2304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NJ2305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NJ2306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NJ2307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NJ2308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NJ2309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NJ2310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NJ2311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NJ2312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NJ2313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NJ2314	13	0.787	4.33	0	5.32	7.68	0.41	2.66
NJ2315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NJ2316	13	0.866	4.921	0	5.36	7.64	0.41	2.75

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NJ2318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NJ2319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NJ2320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NJ2322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NJ2324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NJ2326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NJ2328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NJ2320	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NJ2332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NJ2334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NJ2336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NJ2338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NJ2340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NJ2344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NJ2348	16	2.362	14.566	0	6.7	9.3	0.42	3
NJ2352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NJ2356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NJ2304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NJ2305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NJ2306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NJ2307E	13	0.472	2.291	0	5.16	7.84	0.4	2.32
NJ2308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NJ2309E	13	0.59	2.893	0	5.17	7.83	0.4	2.35
NJ2310E	13	0.629	3.188	0	5.22	7.78	0.40	2.44
NJ2311E	13	0.708	3.484	0	5.18	7.82	0.4	2.36
NJ2312E	13	0.748	3.779	0	5.21	7.79	0.40	2.43
NJ2313E	13	0.826	4.074	0	5.18	7.82	0.4	2.36
NJ2314E	13	0.866	4.37	0	5.21	7.79	0.40	2.42
NJ2315E	13	0.944	4.685	0	5.19	7.81	0.4	2.38
NJ2316E	13	0.984	4.96	0	5.21	7.79	0.40	2.42
NJ2317E	14	1.023	5.275	0	5.64	8.36	0.4	2.48
NJ2318E	13	1.102	5.57	0	5.21	7.79	0.40	2.43
NJ2319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NJ2320E	13	1.259	6.279	0	5.2	7.8	0.40	2.39
NJ2322E	14	1.338	6.968	0	5.66	8.34	0.4	2.51
NJ2324E	13	1.496	7.559	0	5.21	7.79	0.40	2.43
NJ2326E	14	1.574	8.149	0	5.65	8.35	0.4	2.49
NJ2328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NJ2330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NJ2332E	14	1.889	9.921	0	5.67	8.33	0.40	2.53
NJ304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NJ305	11	0.354	1.732	0	4.38	6.62	0.40	2.34

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NJ307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NJ308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NJ309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NJ310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NJ311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NJ312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NJ313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NJ314	13	0.783	4.33	0	5.32	7.68	0.41	2.67
NJ315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NJ316	14	0.866	4.921	0	5.77	8.23	0.41	2.75
NJ317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NJ318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NJ319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NJ320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NJ321	14	1.181	6.496	0	5.73	8.27	0.41	2.66
NJ322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NJ324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NJ326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NJ328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NJ330	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NJ332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NJ334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NJ336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NJ338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NJ340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NJ344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NJ348	16	2.362	14.566	0	6.7	9.3	0.42	3
NJ352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NJ356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NJ304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NJ305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NJ306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NJ307E	13	0.472	2.291	0	5.16	7.84	0.40	2.32
NJ308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NJ309E	13	0.59	2.893	0	5.17	7.83	0.40	2.35
NJ310E	13	0.629	3.188	0	5.22	7.78	0.4	2.44
NJ311E	13	0.708	3.484	0	5.18	7.82	0.40	2.36
NJ312E	13	0.748	3.779	0	5.21	7.79	0.4	2.43
NJ313E	13	0.826	4.074	0	5.18	7.82	0.40	2.36
NJ314E	13	0.866	4.37	0	5.21	7.79	0.4	2.42
NJ315E	13	0.944	4.685	0	5.19	7.81	0.40	2.38
NJ316E	13	0.984	4.96	0	5.21	7.79	0.4	2.42



Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NJ318E	13	1.102	5.57	0	5.21	7.79	0.4	2.43
NJ319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NJ320E	13	1.259	6.279	0	5.2	7.8	0.4	2.39
NJ322E	14	1.338	6.968	0	5.66	8.34	0.40	2.51
NJ324E	13	1.496	7.559	0	5.21	7.79	0.4	2.43
NJ326E	14	1.574	8.149	0	5.65	8.35	0.40	2.49
NJ328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NJ330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NJ332E	14	1.889	9.921	0	5.67	8.33	0.4	2.53
NJ405	9	0.472	2	0	3.44	5.56	0.38	2
NJ406	9	0.551	2.322	0	3.43	5.57	0.38	1.99
NJ407	10	0.59	2.677	0	3.9	6.1	0.39	2.16
NJ408	10	0.669	2.952	0	3.87	6.13	0.39	2.09
NJ409	11	0.708	3.248	0	4.3	6.7	0.39	2.18
NJ410	11	0.787	3.574	0	4.29	6.71	0.39	2.16
NJ411	11	0.787	3.826	0	4.37	6.63	0.40	2.33
NJ412	11	0.866	4.133	0	4.35	6.65	0.4	2.28
NJ413	12	0.905	4.421	0	4.77	7.23	0.40	2.34
NJ414	12	1.023	4.96	0	4.76	7.24	0.4	2.32
NJ415	11	1.102	5.216	0	4.34	6.66	0.39	2.26
NJ416	11	1.181	5.511	0	4.32	6.68	0.39	2.23
NJ417	11	1.259	5.708	0	4.29	6.71	0.39	2.16
NJ418	11	1.338	6.2	0	4.31	6.69	0.39	2.21
NJ419	12	1.338	6.594	0	4.78	7.22	0.40	2.36
NJ420	12	1.417	6.771	0	4.74	7.26	0.4	2.28
NJ421	12	1.496	7.185	0	4.75	7.25	0.40	2.3
NJ422	12	1.574	7.677	0	4.77	7.23	0.4	2.34
NJ424	12	1.771	8.464	0	4.74	7.26	0.40	2.28
NJ426	12	1.968	9.251	0	4.72	7.28	0.39	2.24
NJ438	12	2.047	9.842	0	4.75	7.25	0.40	2.3
NJ430	13	2.047	10.433	0	5.22	7.78	0.4	2.45
NF1005	14	0.216	1.417	0	5.93	8.07	0.42	3.2
NF1006	16	0.236	1.673	0	6.87	9.13	0.43	3.47
NF1007	17	0.255	1.909	0	7.36	9.64	0.43	3.68
NF1008	18	0.275	2.125	0	7.84	10.16	0.44	3.8
NF1009	18	0.295	2.362	0	7.88	10.12	0.44	3.94
NF1010	19	0.295	2.559	0	8.4	10.6	0.44	4.28
NF1011	20	0.314	2.854	0	8.9	11.1	0.44	4.49
NF1012	22	0.314	3.051	0	9.87	12.13	0.45	4.81
NF1013	23	0.314	3.248	0	10.39	12.61	0.45	5.12
NF1014	20	0.393	3.543	0	8.89	11.11	0.44	4.45
NF1015	21	0.393	3.74	0	9.4	11.6	0.45	4.71

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NF1017	22	0.433	4.232	0	9.87	12.13	0.45	4.84
NF1018	22	0.472	4.527	0	9.85	12.15	0.45	4.74
NF1019	23	0.472	4.724	0	10.35	12.65	0.45	4.95
NF1020	24	0.472	4.921	0	10.85	13.15	0.45	5.16
NF1021	23	0.511	5.196	0	10.37	12.63	0.45	5.03
NF1022	22	0.59	5.511	0	9.82	12.18	0.45	4.62
NF1024	24	0.59	5.905	0	10.8	13.2	0.45	4.95
NF1026	23	0.669	6.496	0	10.32	12.68	0.45	4.8
NF1028	24	0.669	6.889	0	10.83	13.17	0.45	5.1
NF1030	25	0.708	7.381	0	11.3	13.7	0.45	5.16
NF1032	24	0.787	7.874	0	10.8	13.2	0.45	4.95
NF1034	23	0.866	8.464	0	10.32	12.68	0.45	4.84
NF1036	22	0.984	9.055	0	9.8	12.2	0.45	4.55
NF1038	23	0.984	9.448	0	10.3	12.7	0.45	4.75
NF1040	24	1.023	10.039	0	10.78	13.22	0.45	4.86
NF1044	23	1.181	11.023	0	10.27	12.73	0.45	4.61
NF1048	25	1.181	11.811	0	11.25	13.75	0.45	4.95
NF1052	24	1.338	12.992	0	10.76	13.24	0.45	4.8
NF1056	25	1.338	13.779	0	11.29	13.71	0.45	5.1
NF1060	23	1.574	14.96	0	10.29	12.71	0.45	4.7
NF1064	24	1.574	15.748	0	10.8	13.2	0.45	4.95
NF1068	23	1.771	16.929	0	10.3	12.7	0.45	4.73
NF1072	24	1.771	17.716	0	10.8	13.2	0.45	4.95
NF1076	25	1.771	18.503	0	11.3	13.7	0.45	5.18
NF1080	24	1.968	19.685	0	10.8	13.2	0.45	4.95
NF1084	25	1.968	20.472	0	11.3	13.7	0.45	5.15
NF1088	25	2.047	21.456	0	11.31	13.69	0.45	5.19
NF1092	25	2.125	22.44	0	11.32	13.68	0.45	5.23
NF1096	26	2.125	23.228	0	11.81	14.19	0.45	5.42
NF10/500	27	2.125	24.015	0	12.31	14.69	0.46	5.61
NF204	11	0.255	1.318	0	4.44	6.56	0.40	2.49
NF205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NF206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NF207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NF208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NF209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NF210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NF211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NF212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NF213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NF214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NF215	17	0.551	4.035	0	7.34	9.66	0.43	3.59

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NF217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NF218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NF219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NF220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NF221	16	0.826	5.818	0	6.86	9.14	0.43	3.45
NF222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NF224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NF226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NF228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NF230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NF232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NF234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NF236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NF238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NF240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NF244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NF248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NF252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NF256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NF260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NF264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NF204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NF205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NF206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NF207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NF208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NF209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NF210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NF211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NF212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NF213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NF214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NF215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NF216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NF217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NF218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NF219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NF220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NF222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NF224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NF226E	17	1.102	7.145	0	7.19	9.81	0.42	3.16
NF228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NF232E	19	1.259	8.937	0	8.16	10.84	0.43	3.48
NF234E	18	1.417	9.566	0	7.67	10.33	0.43	3.3
NF236E	19	1.417	9.96	0	8.15	10.85	0.43	3.44
NF238E	19	1.496	10.551	0	8.15	10.85	0.43	3.46
NF240E	19	1.574	11.141	0	8.16	10.84	0.43	3.47
NF2204	11	0.255	1.318	0	4.44	6.56	0.4	2.49
NF2205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NF2206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NF2207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NF2208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NF2209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NF2210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NF2211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NF2212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NF2213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NF2214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NF2215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NF2216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NF2217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NF2218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NF2219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NF2220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NF2222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NF2224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NF2226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NF2228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NF2230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NF2232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NF2234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NF2236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NF2238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NF2240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NF2244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NF2248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NF2252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NF2256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NF2260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NF2264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NF2204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NF2205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NF2206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NF2207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NF2209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NF2210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NF2211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NF2212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NF2213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NF2214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NF2215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NF2216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NF2217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NF2218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NF2219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NF2220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NF2222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NF2224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NF2226E	17	1.107	7.145	0	7.18	9.82	0.42	3.15
NF2228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NF2230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NF2232E	18	1.338	8.937	0	7.65	10.35	0.43	3.26
NF2234E	17	1.496	9.566	0	7.17	9.83	0.42	3.12
NF2236E	18	1.496	9.96	0	7.65	10.35	0.42	3.25
NF2238E	18	1.574	10.551	0	7.66	10.34	0.43	3.28
NF2240E	18	1.653	11.141	0	7.66	10.34	0.43	3.3
NF2304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NF2305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NF2306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NF2307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NF2308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NF2309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NF2310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NF2311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NF2312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NF2313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NF2314	13	0.787	4.33	0	5.32	7.68	0.41	2.66
NF2315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NF2316	13	0.866	4.921	0	5.36	7.64	0.41	2.75
NF2317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NF2318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NF2319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NF2320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NF2322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NF2324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NF2326	14	1.496	8.07	0	5.7	8.3	0.41	2.6

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NF2320	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NF2332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NF2334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NF2336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NF2338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NF2340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NF2344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NF2348	16	2.362	14.566	0	6.7	9.3	0.42	3
NF2352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NF2356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NF2304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NF2305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NF2306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NF2307E	13	0.472	2.291	0	5.16	7.84	0.4	2.32
NF2308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NF2309E	13	0.59	2.893	0	5.17	7.83	0.4	2.35
NF2310E	13	0.629	3.188	0	5.22	7.78	0.40	2.44
NF2311E	13	0.708	3.484	0	5.18	7.82	0.4	2.36
NF2312E	13	0.748	3.779	0	5.21	7.79	0.40	2.43
NF2313E	13	0.826	4.074	0	5.18	7.82	0.4	2.36
NF2314E	13	0.866	4.37	0	5.21	7.79	0.40	2.42
NF2315E	13	0.944	4.685	0	5.19	7.81	0.4	2.38
NF2316E	13	0.984	4.96	0	5.21	7.79	0.40	2.42
NF2317E	14	1.023	5.275	0	5.64	8.36	0.4	2.48
NF2318E	13	1.102	5.57	0	5.21	7.79	0.40	2.43
NF2319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NF2320E	13	1.259	6.279	0	5.2	7.8	0.40	2.39
NF2322E	14	1.338	6.968	0	5.66	8.34	0.4	2.51
NF2324E	13	1.496	7.559	0	5.21	7.79	0.40	2.43
NF2326E	14	1.574	8.149	0	5.65	8.35	0.4	2.49
NF2328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NF2330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NF2332E	14	1.889	9.921	0	5.67	8.33	0.40	2.53
NF304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NF305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NF306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NF307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NF308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NF309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NF310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NF311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NF312	12	0.708	3.74	0	4.86	7.14	0.41	2.55

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NF314	13	0.783	4.33	0	5.32	7.68	0.41	2.67
NF315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NF316	14	0.866	4.921	0	5.77	8.23	0.41	2.75
NF317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NF318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NF319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NF320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NF321	14	1.181	6.496	0	5.73	8.27	0.41	2.66
NF322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NF324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NF326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NF328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NF330	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NF332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NF334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NF336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NF338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NF340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NF344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NF348	16	2.362	14.566	0	6.7	9.3	0.42	3
NF352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NF356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NF304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NF305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NF306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NF307E	13	0.472	2.291	0	5.16	7.84	0.40	2.32
NF308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NF309E	13	0.59	2.893	0	5.17	7.83	0.40	2.35
NF310E	13	0.629	3.188	0	5.22	7.78	0.4	2.44
NF311E	13	0.708	3.484	0	5.18	7.82	0.40	2.36
NF312E	13	0.748	3.779	0	5.21	7.79	0.4	2.43
NF313E	13	0.826	4.074	0	5.18	7.82	0.40	2.36
NF314E	13	0.866	4.37	0	5.21	7.79	0.4	2.42
NF315E	13	0.944	4.685	0	5.19	7.81	0.40	2.38
NF316E	13	0.984	4.96	0	5.21	7.79	0.4	2.42
NF317E	14	1.023	5.275	0	5.64	8.36	0.40	2.48
NF318E	13	1.102	5.57	0	5.21	7.79	0.4	2.43
NF319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NF320E	13	1.259	6.279	0	5.2	7.8	0.4	2.39
NF322E	14	1.338	6.968	0	5.66	8.34	0.40	2.51
NF324E	13	1.496	7.559	0	5.21	7.79	0.4	2.43
NF326E	14	1.574	8.149	0	5.65	8.35	0.40	2.49

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NF330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NF332E	14	1.889	9.921	0	5.67	8.33	0.4	2.53
NF405	9	0.472	2	0	3.44	5.56	0.38	2
NF406	9	0.551	2.322	0	3.43	5.57	0.38	1.99
NF407	10	0.59	2.677	0	3.9	6.1	0.39	2.16
NF408	10	0.669	2.952	0	3.87	6.13	0.39	2.09
NF409	11	0.708	3.248	0	4.3	6.7	0.39	2.18
NF410	11	0.787	3.574	0	4.29	6.71	0.39	2.16
NF411	11	0.787	3.826	0	4.37	6.63	0.40	2.33
NF412	11	0.866	4.133	0	4.35	6.65	0.4	2.28
NF413	12	0.905	4.421	0	4.77	7.23	0.40	2.34
NF414	12	1.023	4.96	0	4.76	7.24	0.4	2.32
NF415	11	1.102	5.216	0	4.34	6.66	0.39	2.26
NF416	11	1.181	5.511	0	4.32	6.68	0.39	2.23
NF417	11	1.259	5.708	0	4.29	6.71	0.39	2.16
NF418	11	1.338	6.2	0	4.31	6.69	0.39	2.21
NF419	12	1.338	6.594	0	4.78	7.22	0.40	2.36
NF420	12	1.417	6.771	0	4.74	7.26	0.4	2.28
NF421	12	1.496	7.185	0	4.75	7.25	0.40	2.3
NF422	12	1.574	7.677	0	4.77	7.23	0.4	2.34
NF424	12	1.771	8.464	0	4.74	7.26	0.40	2.28
NF426	12	1.968	9.251	0	4.72	7.28	0.39	2.24
NF438	12	2.047	9.842	0	4.75	7.25	0.40	2.3
NF430	13	2.047	10.433	0	5.22	7.78	0.4	2.45
NUP1005	14	0.216	1.417	0	5.93	8.07	0.42	3.2
NUP1006	16	0.236	1.673	0	6.87	9.13	0.43	3.47
NUP1007	17	0.255	1.909	0	7.36	9.64	0.43	3.68
NUP1008	18	0.275	2.125	0	7.84	10.16	0.44	3.8
NUP1009	18	0.295	2.362	0	7.88	10.12	0.44	3.94
NUP1010	19	0.295	2.559	0	8.4	10.6	0.44	4.28
NUP1011	20	0.314	2.854	0	8.9	11.1	0.44	4.49
NUP1012	22	0.314	3.051	0	9.87	12.13	0.45	4.81
NUP1013	23	0.314	3.248	0	10.39	12.61	0.45	5.12
NUP1014	20	0.393	3.543	0	8.89	11.11	0.44	4.45
NUP1015	21	0.393	3.74	0	9.4	11.6	0.45	4.71
NUP1016	21	0.433	4.035	0	9.37	11.63	0.45	4.61
NUP1017	22	0.433	4.232	0	9.87	12.13	0.45	4.84
NUP1018	22	0.472	4.527	0	9.85	12.15	0.45	4.74
NUP1019	23	0.472	4.724	0	10.35	12.65	0.45	4.95
NUP1020	24	0.472	4.921	0	10.85	13.15	0.45	5.16
NUP1021	23	0.511	5.196	0	10.37	12.63	0.45	5.03
NUP1022	22	0.59	5.511	0	9.82	12.18	0.45	4.62



<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NUP1026	23	0.669	6.496	0	10.32	12.68	0.45	4.8
NUP1028	24	0.669	6.889	0	10.83	13.17	0.45	5.1
NUP1030	25	0.708	7.381	0	11.3	13.7	0.45	5.16
NUP1032	24	0.787	7.874	0	10.8	13.2	0.45	4.95
NUP1034	23	0.866	8.464	0	10.32	12.68	0.45	4.84
NUP1036	22	0.984	9.055	0	9.8	12.2	0.45	4.55
NUP1038	23	0.984	9.448	0	10.3	12.7	0.45	4.75
NUP1040	24	1.023	10.039	0	10.78	13.22	0.45	4.86
NUP1044	23	1.181	11.023	0	10.27	12.73	0.45	4.61
NUP1048	25	1.181	11.811	0	11.25	13.75	0.45	4.95
NUP1052	24	1.338	12.992	0	10.76	13.24	0.45	4.8
NUP1056	25	1.338	13.779	0	11.29	13.71	0.45	5.1
NUP1060	23	1.574	14.96	0	10.29	12.71	0.45	4.7
NUP1064	24	1.574	15.748	0	10.8	13.2	0.45	4.95
NUP1068	23	1.771	16.929	0	10.3	12.7	0.45	4.73
NUP1072	24	1.771	17.716	0	10.8	13.2	0.45	4.95
NUP1076	25	1.771	18.503	0	11.3	13.7	0.45	5.18
NUP1080	24	1.968	19.685	0	10.8	13.2	0.45	4.95
NUP1084	25	1.968	20.472	0	11.3	13.7	0.45	5.15
NUP1088	25	2.047	21.456	0	11.31	13.69	0.45	5.19
NUP1092	25	2.125	22.44	0	11.32	13.68	0.45	5.23
NUP1096	26	2.125	23.228	0	11.81	14.19	0.45	5.42
NUP10/500	27	2.125	24.015	0	12.31	14.69	0.46	5.61
NUP204	11	0.255	1.318	0	4.44	6.56	0.40	2.49
NUP205	13	0.255	1.515	0	5.41	7.59	0.42	2.89
NUP206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NUP207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NUP208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NUP209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NUP210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NUP211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NUP212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NUP213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NUP214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NUP215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NUP216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NUP217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NUP218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NUP219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NUP220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NUP221	16	0.826	5.818	0	6.86	9.14	0.43	3.45
NUP222	16	0.905	6.122	0	6.82	9.18	0.43	3.31

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NUP226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NUP228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NUP230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NUP232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NUP234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NUP236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NUP238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NUP240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NUP244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NUP248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NUP252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NUP256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NUP260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NUP264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NUP204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NUP205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NUP206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NUP207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NUP208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NUP209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NUP210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NUP211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NUP212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NUP213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NUP214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21
NUP215E	18	0.59	4.074	0	7.7	10.3	0.43	3.38
NUP216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NUP217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NUP218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NUP219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NUP220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NUP222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NUP224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NUP226E	17	1.102	7.145	0	7.19	9.81	0.42	3.16
NUP228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NUP230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NUP232E	19	1.259	8.937	0	8.16	10.84	0.43	3.48
NUP234E	18	1.417	9.566	0	7.67	10.33	0.43	3.3
NUP236E	19	1.417	9.96	0	8.15	10.85	0.43	3.44
NUP238E	19	1.496	10.551	0	8.15	10.85	0.43	3.46
NUP240E	19	1.574	11.141	0	8.16	10.84	0.43	3.47
NUP2204	11	0.255	1.318	0	4.44	6.56	0.4	2.49

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NUP2206	13	0.295	1.811	0	5.44	7.56	0.42	2.99
NUP2207	13	0.354	2.078	0	5.39	7.61	0.41	2.85
NUP2208	13	0.393	2.362	0	5.42	7.58	0.42	2.92
NUP2209	14	0.393	2.559	0	5.92	8.08	0.42	3.18
NUP2210	16	0.393	2.771	0	6.87	9.13	0.43	3.45
NUP2211	16	0.433	3.051	0	6.86	9.14	0.43	3.45
NUP2212	16	0.472	3.366	0	6.88	9.12	0.43	3.5
NUP2213	16	0.511	3.645	0	6.88	9.12	0.43	3.5
NUP2214	17	0.511	3.838	0	7.37	9.63	0.43	3.69
NUP2215	17	0.551	4.035	0	7.34	9.66	0.43	3.59
NUP2216	17	0.59	4.342	0	7.35	9.65	0.43	3.61
NUP2217	17	0.629	4.637	0	7.35	9.65	0.43	3.62
NUP2218	16	0.708	4.921	0	6.85	9.15	0.43	3.4
NUP2219	16	0.748	5.216	0	6.85	9.15	0.43	3.41
NUP2220	16	0.787	5.511	0	6.86	9.14	0.43	3.43
NUP2222	16	0.905	6.122	0	6.82	9.18	0.43	3.31
NUP2224	17	0.944	6.594	0	7.28	9.72	0.43	3.42
NUP2226	18	0.944	7.086	0	7.8	10.2	0.43	3.69
NUP2228	18	1.023	7.677	0	7.8	10.2	0.43	3.69
NUP2230	18	1.102	8.267	0	7.8	10.2	0.43	3.68
NUP2232	18	1.181	8.858	0	7.8	10.2	0.43	3.68
NUP2234	18	1.259	9.448	0	7.8	10.2	0.43	3.69
NUP2236	19	1.259	9.842	0	8.28	10.72	0.44	3.84
NUP2238	19	1.338	10.433	0	8.28	10.72	0.44	3.83
NUP2240	19	1.417	11.023	0	8.28	10.72	0.44	3.83
NUP2244	19	1.574	12.204	0	8.27	10.73	0.44	3.81
NUP2248	19	1.771	13.385	0	8.24	10.76	0.43	3.71
NUP2252	19	1.968	14.566	0	8.22	10.78	0.43	3.63
NUP2256	20	1.968	15.354	0	8.72	11.28	0.44	3.84
NUP2260	19	2.204	16.535	0	8.23	10.77	0.43	3.68
NUP2264	19	2.362	17.716	0	8.23	10.77	0.43	3.68
NUP2204E	11	0.295	1.338	0	4.29	6.71	0.39	2.16
NUP2205E	13	0.295	1.535	0	5.25	7.75	0.4	2.51
NUP2206E	13	0.354	1.83	0	5.24	7.76	0.40	2.49
NUP2207E	14	0.393	2.125	0	5.71	8.29	0.41	2.61
NUP2208E	14	0.433	2.381	0	5.73	8.27	0.41	2.66
NUP2209E	15	0.433	2.578	0	6.24	8.76	0.42	2.89
NUP2210E	16	0.433	2.775	0	6.75	9.25	0.42	3.13
NUP2211E	16	0.472	3.07	0	6.77	9.23	0.42	3.18
NUP2212E	16	0.551	3.385	0	6.7	9.3	0.42	2.99
NUP2213E	16	0.59	3.681	0	6.72	9.28	0.42	3.04
NUP2214E	17	0.59	3.877	0	7.21	9.79	0.42	3.21

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
NUP2216E	18	0.629	4.381	0	7.71	10.29	0.43	3.41
NUP2217E	17	0.708	4.665	0	7.21	9.79	0.42	3.22
NUP2218E	17	0.748	4.96	0	7.22	9.78	0.42	3.24
NUP2219E	17	0.826	5.255	0	7.16	9.84	0.42	3.1
NUP2220E	17	0.866	5.551	0	7.17	9.83	0.42	3.13
NUP2222E	17	0.944	6.161	0	7.2	9.8	0.42	3.19
NUP2224E	17	1.023	6.673	0	7.2	9.8	0.42	3.18
NUP2226E	17	1.107	7.145	0	7.18	9.82	0.42	3.15
NUP2228E	19	1.102	7.755	0	8.15	10.85	0.43	3.45
NUP2230E	19	1.181	8.346	0	8.16	10.84	0.43	3.46
NUP2232E	18	1.338	8.937	0	7.65	10.35	0.43	3.26
NUP2234E	17	1.496	9.566	0	7.17	9.83	0.42	3.12
NUP2236E	18	1.496	9.96	0	7.65	10.35	0.42	3.25
NUP2238E	18	1.574	10.551	0	7.66	10.34	0.43	3.28
NUP2240E	18	1.653	11.141	0	7.66	10.34	0.43	3.3
NUP2304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NUP2305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NUP2306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NUP2307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NUP2308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NUP2309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NUP2310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NUP2311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NUP2312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NUP2313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NUP2314	13	0.787	4.33	0	5.32	7.68	0.41	2.66
NUP2315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NUP2316	13	0.866	4.921	0	5.36	7.64	0.41	2.75
NUP2317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NUP2318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NUP2319	14	1.023	5.807	0	5.77	8.23	0.41	2.75
NUP2320	14	1.102	6.2	0	5.76	8.24	0.41	2.72
NUP2322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NUP2324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NUP2326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NUP2328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NUP2320	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NUP2332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NUP2334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NUP2336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NUP2338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NUP2340	15	1.968	12.204	0	6.29	8.71	0.42	3.02

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NUP2348	16	2.362	14.566	0	6.7	9.3	0.42	3
NUP2352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NUP2356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NUP2304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NUP2305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NUP2306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NUP2307E	13	0.472	2.291	0	5.16	7.84	0.4	2.32
NUP2308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NUP2309E	13	0.59	2.893	0	5.17	7.83	0.4	2.35
NUP2310E	13	0.629	3.188	0	5.22	7.78	0.40	2.44
NUP2311E	13	0.708	3.484	0	5.18	7.82	0.4	2.36
NUP2312E	13	0.748	3.779	0	5.21	7.79	0.40	2.43
NUP2313E	13	0.826	4.074	0	5.18	7.82	0.4	2.36
NUP2314E	13	0.866	4.37	0	5.21	7.79	0.40	2.42
NUP2315E	13	0.944	4.685	0	5.19	7.81	0.4	2.38
NUP2316E	13	0.984	4.96	0	5.21	7.79	0.40	2.42
NUP2317E	14	1.023	5.275	0	5.64	8.36	0.4	2.48
NUP2318E	13	1.102	5.57	0	5.21	7.79	0.40	2.43
NUP2319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NUP2320E	13	1.259	6.279	0	5.2	7.8	0.40	2.39
NUP2322E	14	1.338	6.968	0	5.66	8.34	0.4	2.51
NUP2324E	13	1.496	7.559	0	5.21	7.79	0.40	2.43
NUP2326E	14	1.574	8.149	0	5.65	8.35	0.4	2.49
NUP2328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NUP2330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NUP2332E	14	1.889	9.921	0	5.67	8.33	0.40	2.53
NUP304	10	0.314	1.437	0	3.91	6.09	0.39	2.18
NUP305	11	0.354	1.732	0	4.38	6.62	0.40	2.34
NUP306	11	0.393	2.047	0	4.44	6.56	0.4	2.51
NUP307	12	0.433	2.251	0	4.85	7.15	0.40	2.5
NUP308	12	0.472	2.578	0	4.9	7.1	0.41	2.64
NUP309	12	0.551	2.854	0	4.84	7.16	0.40	2.49
NUP310	12	0.59	3.149	0	4.88	7.12	0.41	2.57
NUP311	12	0.669	3.444	0	4.83	7.17	0.40	2.48
NUP312	12	0.708	3.74	0	4.86	7.14	0.41	2.55
NUP313	12	0.748	4.035	0	4.89	7.11	0.41	2.6
NUP314	13	0.783	4.33	0	5.32	7.68	0.41	2.67
NUP315	13	0.866	4.625	0	5.28	7.72	0.41	2.58
NUP316	14	0.866	4.921	0	5.77	8.23	0.41	2.75
NUP317	13	0.944	5.196	0	5.32	7.68	0.41	2.66
NUP318	13	0.984	5.511	0	5.34	7.66	0.41	2.71
NUP319	14	1.023	5.807	0	5.77	8.23	0.41	2.75

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NUP321	14	1.181	6.496	0	5.73	8.27	0.41	2.66
NUP322	14	1.259	6.889	0	5.72	8.28	0.41	2.64
NUP324	13	1.417	7.48	0	5.27	7.73	0.41	2.54
NUP326	14	1.496	8.07	0	5.7	8.3	0.41	2.6
NUP328	14	1.574	8.661	0	5.73	8.27	0.41	2.66
NUP330	14	1.653	9.251	0	5.75	8.25	0.41	2.71
NUP332	15	1.653	9.842	0	6.24	8.76	0.42	2.89
NUP334	15	1.771	10.433	0	6.23	8.77	0.42	2.86
NUP336	15	1.889	11.023	0	6.21	8.79	0.41	2.83
NUP338	15	1.968	11.614	0	6.23	8.77	0.42	2.87
NUP340	15	1.968	12.204	0	6.29	8.71	0.42	3.02
NUP344	15	2.204	13.385	0	6.27	8.73	0.42	2.95
NUP348	16	2.362	14.566	0	6.7	9.3	0.42	3
NUP352	16	2.519	15.748	0	6.72	9.28	0.42	3.05
NUP356	16	2.677	16.929	0	6.73	9.27	0.42	3.08
NUP304E	10	0.354	1.437	0	3.77	6.23	0.38	1.91
NUP305E	11	0.393	1.732	0	4.25	6.75	0.39	2.09
NUP306E	12	0.433	2.027	0	4.72	7.28	0.39	2.23
NUP307E	13	0.472	2.291	0	5.16	7.84	0.40	2.32
NUP308E	12	0.551	2.598	0	4.73	7.27	0.39	2.25
NUP309E	13	0.59	2.893	0	5.17	7.83	0.40	2.35
NUP310E	13	0.629	3.188	0	5.22	7.78	0.4	2.44
NUP311E	13	0.708	3.484	0	5.18	7.82	0.40	2.36
NUP312E	13	0.748	3.779	0	5.21	7.79	0.4	2.43
NUP313E	13	0.826	4.074	0	5.18	7.82	0.40	2.36
NUP314E	13	0.866	4.37	0	5.21	7.79	0.4	2.42
NUP315E	13	0.944	4.685	0	5.19	7.81	0.40	2.38
NUP316E	13	0.984	4.96	0	5.21	7.79	0.4	2.42
NUP317E	14	1.023	5.275	0	5.64	8.36	0.40	2.48
NUP318E	13	1.102	5.57	0	5.21	7.79	0.4	2.43
NUP319E	14	1.102	5.885	0	5.69	8.31	0.41	2.58
NUP320E	13	1.259	6.279	0	5.2	7.8	0.4	2.39
NUP322E	14	1.338	6.968	0	5.66	8.34	0.40	2.51
NUP324E	13	1.496	7.559	0	5.21	7.79	0.4	2.43
NUP326E	14	1.574	8.149	0	5.65	8.35	0.40	2.49
NUP328E	14	1.653	8.74	0	5.68	8.32	0.41	2.55
NUP330E	14	1.771	9.37	0	5.68	8.32	0.41	2.55
NUP332E	14	1.889	9.921	0	5.67	8.33	0.4	2.53
NUP405	9	0.472	2	0	3.44	5.56	0.38	2
NUP406	9	0.551	2.322	0	3.43	5.57	0.38	1.99
NUP407	10	0.59	2.677	0	3.9	6.1	0.39	2.16
NUP408	10	0.669	2.952	0	3.87	6.13	0.39	2.09

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
NUP410	11	0.787	3.574	0	4.29	6.71	0.39	2.16
NUP411	11	0.787	3.826	0	4.37	6.63	0.40	2.33
NUP412	11	0.866	4.133	0	4.35	6.65	0.4	2.28
NUP413	12	0.905	4.421	0	4.77	7.23	0.40	2.34
NUP414	12	1.023	4.96	0	4.76	7.24	0.4	2.32
NUP415	11	1.102	5.216	0	4.34	6.66	0.39	2.26
NUP416	11	1.181	5.511	0	4.32	6.68	0.39	2.23
NUP417	11	1.259	5.708	0	4.29	6.71	0.39	2.16
NUP418	11	1.338	6.2	0	4.31	6.69	0.39	2.21
NUP419	12	1.338	6.594	0	4.78	7.22	0.40	2.36
NUP420	12	1.417	6.771	0	4.74	7.26	0.4	2.28
NUP421	12	1.496	7.185	0	4.75	7.25	0.40	2.3
NUP422	12	1.574	7.677	0	4.77	7.23	0.4	2.34
NUP424	12	1.771	8.464	0	4.74	7.26	0.40	2.28
NUP426	12	1.968	9.251	0	4.72	7.28	0.39	2.24
NUP438	12	2.047	9.842	0	4.75	7.25	0.40	2.3
NUP430	13	2.047	10.433	0	5.22	7.78	0.4	2.45
22211B	18	0.433	3.069	10	7.75	10.25	0.43	3.48
22212B	20	0.433	3.381	10	8.74	11.26	0.44	3.84
22213B	18	0.511	3.675	10	7.77	10.23	0.43	3.53
22214B	20	0.511	3.87	10	8.7	11.3	0.43	3.72
22215B	21	0.511	4.053	9	9.19	11.81	0.44	3.9
22216B	20	0.551	4.32	9	8.74	11.26	0.44	3.86
22217B	19	0.629	4.671	9	8.24	10.76	0.43	3.65
22218B	19	0.669	4.939	10	8.23	10.77	0.43	3.63
22219B	19	0.748	5.255	9	8.16	10.84	0.43	3.44
22220B	18	0.807	5.583	10	7.72	10.28	0.43	3.39
22222B	19	0.866	6.145	10	8.18	10.82	0.43	3.48
22224B	20	0.905	6.685	10	8.67	11.33	0.43	3.63
22226B	18	1.062	7.186	10	7.69	10.31	0.43	3.31
22228B	19	1.141	7.807	10	8.13	10.87	0.43	3.35
22230B	20	1.141	8.356	10	8.66	11.34	0.43	3.6
22232B	19	1.259	8.936	10	8.18	10.82	0.43	3.48
22234B	19	1.338	9.555	10	8.19	10.81	0.43	3.5
22236B	20	1.338	9.952	10	8.68	11.32	0.43	3.65
22238B	20	1.417	10.572	10	8.68	11.32	0.43	3.67
22240B	19	1.574	11.115	10	8.18	10.82	0.43	3.46
22244B	19	1.732	12.36	10	8.19	10.81	0.43	3.5
22248B	19	1.929	13.562	10	8.17	10.83	0.43	3.45
22252B	19	2.086	14.73	10	8.18	10.82	0.43	3.46
22256B	20	2.086	15.524	9	8.67	11.33	0.43	3.66
22260B	19	2.322	16.692	9	8.19	10.81	0.43	3.53

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
22311B	14	0.669	3.456	15	5.69	8.31	0.41	2.49
22312B	14	0.748	3.757	15	5.65	8.35	0.4	2.42
22313B	15	0.748	4.081	14	6.17	8.83	0.41	2.64
22314B	14	0.866	4.392	14	5.66	8.34	0.4	2.44
22315B	15	0.826	4.697	14	6.22	8.78	0.41	2.76
22316B	14	0.944	5.045	14	5.73	8.27	0.41	2.58
22317B	14	1.003	5.336	14	5.72	8.28	0.41	2.57
22318B	14	1.062	5.585	14	5.71	8.29	0.41	2.54
22319B	14	1.122	5.952	14	5.72	8.28	0.41	2.56
22320B	14	1.22	6.356	14	5.7	8.3	0.41	2.51
22322B	14	1.377	6.985	13	5.66	8.34	0.40	2.44
22324B	14	1.496	7.552	14	5.65	8.35	0.4	2.43
22326B	14	1.614	8.13	14	5.65	8.35	0.40	2.43
22328B	14	1.732	8.708	14	5.65	8.35	0.4	2.42
22330B	15	1.692	9.383	13	6.18	8.82	0.41	2.69
22332B	15	1.771	10.003	13	6.21	8.79	0.41	2.74
22334B	15	1.85	10.623	12	6.22	8.78	0.41	2.79
22336B	16	1.889	11.203	12	6.68	9.32	0.42	2.88
22338B	16	1.968	11.822	12	6.7	9.3	0.42	2.92
22340B	16	2.086	12.404	12	6.68	9.32	0.42	2.89
22344B	16	2.283	13.621	12	6.69	9.31	0.42	2.9
22348B	16	2.48	14.753	12	6.68	9.32	0.42	2.89
22352B	16	2.677	15.96	11	6.68	9.32	0.42	2.9
22356B	16	2.913	17.131	11	6.66	9.34	0.42	2.86
22360B	15	3.07	18.361	11	6.27	8.73	0.42	2.91
23022B	26	0.57	5.58	9	11.69	14.31	0.45	4.84
23024B	28	0.57	5.935	9	12.67	15.33	0.45	5.16
23026B	26	0.669	6.535	9	11.69	14.31	0.45	4.83
23028B	28	0.669	6.929	9	12.66	15.34	0.45	5.13
23030B	28	0.708	7.476	9	12.69	15.31	0.45	5.23
23032B	28	0.767	7.962	9	12.67	15.33	0.45	5.14
23034B	26	0.885	8.541	9	11.67	14.33	0.45	4.77
23036B	26	0.944	9.177	9	11.68	14.32	0.45	4.81
23038B	27	0.944	9.57	9	12.18	14.82	0.45	5.02
23040B	26	1.062	10.15	9	11.66	14.34	0.45	4.73
23044B	26	1.141	11.16	9	11.69	14.31	0.45	4.84
23048B	28	1.141	11.947	9	12.68	15.32	0.45	5.19
23052B	26	1.338	13.071	9	11.69	14.31	0.45	4.83
23056B	28	1.338	13.859	9	12.67	15.33	0.45	5.13
23060B	26	1.574	15.099	9	11.66	14.34	0.45	4.75
23064B	28	1.535	15.922	9	12.67	15.33	0.45	5.14
23068B	27	1.629	17.084	9	12.23	14.77	0.45	5.2



<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
23076B	29	1.732	18.704	8	13.17	15.83	0.45	5.35
23080B	28	1.929	19.903	9	12.66	15.34	0.45	5.11
23084B	29	1.929	20.689	8	13.16	15.84	0.45	5.32
23088B	29	2.007	21.546	8	13.16	15.84	0.45	5.32
23092B	29	2.125	22.527	8	13.15	15.85	0.45	5.25
23096B	30	2.125	23.314	8	13.65	16.35	0.45	5.44
230/500B	31	2.125	24.098	8	14.15	16.85	0.46	5.63
230/530B	29	2.362	25.98	8	13.19	15.81	0.45	5.45
230/560B	30	2.44	27.383	8	13.68	16.32	0.46	5.57
230/600B	32	2.44	29.12	8	14.67	17.33	0.46	5.93
230/630B	30	2.755	30.757	8	13.67	16.33	0.46	5.54
230/670B	29	2.913	32.734	8	13.22	15.78	0.46	5.57
230/710B	30	3.07	34.559	8	13.68	16.32	0.46	5.58
230/750B	30	3.346	36.507	8	13.64	16.36	0.45	5.41
230/800B	31	3.307	38.797	8	14.19	16.81	0.46	5.82
230/850B	31	3.602	41.117	7	14.15	16.85	0.46	5.66
230/900B	32	3.582	43.244	7	14.68	17.32	0.46	6
230/950B	31	3.937	45.666	8	14.18	16.82	0.46	5.76
230/1000B	32	3.976	47.938	7	14.68	17.32	0.46	5.99
230/1060B	32	4.173	50.713	7	14.69	17.31	0.46	6.04
230/1120B	33	4.409	53.405	8	15.15	17.85	0.46	6.02
23120B	22	0.629	5.26	12	9.71	12.29	0.44	4.12
23122B	23	0.669	5.767	11	10.19	12.81	0.44	4.25
23124B	22	0.787	6.349	11	9.66	12.34	0.44	3.97
23126B	23	0.787	6.74	11	10.18	12.82	0.44	4.23
23128B	24	0.807	7.264	11	10.69	13.31	0.45	4.45
23120B	22	0.984	8.006	12	9.68	12.32	0.44	4.01
23132B	22	1.062	8.548	12	9.66	12.34	0.44	3.97
23134B	23	1.062	8.939	11	10.16	12.84	0.44	4.15
23136B	22	1.181	9.592	12	9.68	12.32	0.44	4
23138B	22	1.259	10.127	12	9.66	12.34	0.44	3.96
23140B	21	1.377	10.78	12	9.19	11.81	0.44	3.85
23144B	22	1.456	11.789	12	9.67	12.33	0.44	3.99
23148B	22	1.535	12.801	12	9.71	12.29	0.44	4.11
23152B	22	1.692	13.948	12	9.69	12.31	0.44	4.06
23156B	23	1.732	14.777	11	10.18	12.82	0.44	4.21
23160B	22	1.968	15.935	12	9.67	12.33	0.44	3.99
23164B	22	2.086	17.196	12	9.69	12.31	0.44	4.06
23168B	21	2.322	18.278	12	9.2	11.8	0.44	3.88
23172B	22	2.322	19.068	12	9.69	12.31	0.44	4.05
23176B	23	2.322	19.854	11	10.18	12.82	0.44	4.22
23180B	23	2.44	20.835	11	10.18	12.82	0.44	4.21

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
23188B	22	2.755	22.987	11	9.71	12.29	0.44	4.11
23192B	23	2.834	24.297	11	10.18	12.82	0.44	4.23
231968B	23	2.992	25.232	11	10.16	12.84	0.44	4.16
231/500B	22	3.228	26.536	11	9.69	12.31	0.44	4.05
231/530B	23	3.188	27.924	11	10.21	12.79	0.44	4.32
231/560B	23	3.385	29.458	11	10.2	12.8	0.44	4.3
231/600B	23	3.7	31.529	11	10.18	12.82	0.44	4.2
231/630B	23	3.779	33.099	11	10.21	12.79	0.44	4.32
230/670B	23	4.094	35.092	11	10.18	12.82	0.44	4.23
231/710B	24	4.133	37.035	10	10.68	13.32	0.45	4.43
231/750B	23	4.448	39.209	10	10.22	12.78	0.44	4.35
231/800B	24	4.645	41.187	10	10.67	13.33	0.44	4.38
231/850B	24	4.803	44.005	10	10.71	13.29	0.45	4.53
231/900B	25	4.921	46.16	10	11.19	13.81	0.45	4.64
23218B	20	0.669	4.984	12	8.69	11.31	0.43	3.66
23220B	19	0.787	5.597	12	8.19	10.81	0.43	3.49
23222B	19	0.866	6.168	13	8.2	10.8	0.43	3.49
23224B	19	0.925	6.685	13	8.22	10.78	0.43	3.55
23226B	20	0.984	7.21	13	8.67	11.33	0.43	3.6
23228B	20	1.067	7.822	13	8.67	11.33	0.43	3.6
23230B	19	1.181	8.398	13	8.2	10.8	0.43	3.49
23232B	19	1.259	9.011	13	8.21	10.79	0.43	3.51
23234B	21	1.259	9.624	13	9.16	11.84	0.44	3.76
23236B	20	1.338	9.944	13	8.69	11.31	0.43	3.65
23238B	20	1.417	10.633	13	8.7	11.3	0.44	3.69
23240B	19	1.574	11.248	13	8.2	10.8	0.43	3.51
23244B	19	1.771	12.437	13	8.18	10.82	0.43	3.44
23248B	19	1.929	13.585	13	8.19	10.81	0.43	3.45
23252B	19	2.086	14.816	13	8.2	10.8	0.43	3.48
23256B	20	2.086	15.606	13	8.7	11.3	0.43	3.68
23260B	19	2.362	16.797	13	8.2	10.8	0.43	3.49
23264B	19	2.559	17.986	13	8.18	10.82	0.43	3.45
23268B	19	2.677	19.247	13	8.21	10.79	0.43	3.53
23272B	19	2.834	20.183	13	8.2	10.8	0.43	3.49
23276B	20	2.834	21.113	13	8.69	11.31	0.43	3.66
23280B	19	3.149	22.309	13	8.19	10.81	0.43	3.48
23284B	19	3.307	23.568	13	8.2	10.8	0.43	3.5
23288B	19	3.385	24.58	13	8.23	10.77	0.43	3.57
23292B	19	3.622	25.729	13	8.2	10.8	0.43	3.48
23296B	19	3.779	26.961	13	8.2	10.8	0.43	3.5
232/500B	19	4.015	28.334	14	8.19	10.81	0.43	3.46
232/530B	19	4.251	30.292	14	8.21	10.79	0.43	3.5

Bearing Number	NB	BD	PD	PHI	BPFO	BPFI	FTF	BSF
232/600B	19	4.606	33.786	13	8.24	10.76	0.43	3.6
232/630B	19	4.921	35.627	13	8.22	10.78	0.43	3.55
232/670B	19	5.354	37.92	13	8.19	10.81	0.43	3.47
232/710B	19	5.393	39.742	13	8.24	10.76	0.43	3.62
232/750B	19	5.748	42.181	13	8.24	10.76	0.43	3.6
23932	36	0.551	7.51	6	16.69	19.31	0.46	6.78
23934	38	0.551	7.907	6	17.68	20.32	0.47	7.14
23936	33	0.669	8.522	7	15.21	17.79	0.46	6.33
23938	35	0.669	8.922	6	16.19	18.81	0.46	6.63
23940	35	0.708	9.551	6	16.21	18.79	0.46	6.71
23944	38	0.708	10.284	7	17.7	20.3	0.47	7.23
23948	40	0.728	11.103	6	18.7	21.3	0.47	7.59
23952	36	0.866	12.275	7	16.74	19.26	0.46	7.05
23956	38	0.905	13.111	6	17.7	20.3	0.47	7.21
23960	36	1.062	14.257	7	16.67	19.33	0.46	6.68
23964	38	1.062	15.048	7	17.67	20.33	0.46	7.05
23968	38	1.102	15.814	6	17.68	20.32	0.47	7.14
23972	38	1.141	16.639	6	17.7	20.3	0.47	7.26
23976	39	1.22	17.826	7	18.18	20.82	0.47	7.27
23980	40	1.22	18.619	6	18.7	21.3	0.47	7.6
23984	42	1.22	19.415	6	19.69	22.31	0.47	7.93
23988	39	1.417	20.572	7	18.17	20.83	0.47	7.23
23992	40	1.417	21.373	6	18.68	21.32	0.47	7.51
23996	40	1.496	22.384	6	18.67	21.33	0.47	7.45
239/500	40	1.535	23.218	6	18.68	21.32	0.47	7.53
239/530	41	1.574	24.504	6	19.19	21.81	0.47	7.75
239/560	40	1.732	25.846	6	18.67	21.33	0.47	7.43
239/600	41	1.771	27.667	6	19.19	21.81	0.47	7.78
239/600	41	1.889	29.253	7	19.19	21.81	0.47	7.71
239/600	41	1.968	31.061	6	19.21	21.79	0.47	7.86
239/710	43	2.047	32.87	6	20.17	22.83	0.47	8
239/750	44	2.125	34.598	6	20.66	23.34	0.47	8.11
239/800	41	2.401	36.782	6	19.17	21.83	0.47	7.63
239/850	43	2.48	39.057	5	20.14	22.86	0.47	7.84
239/900	41	2.637	41.18	6	19.19	21.81	0.47	7.78
239/950	41	2.834	43.559	6	19.17	21.83	0.47	7.65
239/1000	40	3.031	45.949	6	18.69	21.31	0.47	7.55
239/1060	40	3.228	48.652	6	18.68	21.32	0.47	7.5
239/1120	42	3.228	51.025	5	19.68	22.32	0.47	7.87
239/1180	42	3.464	53.767	5	19.65	22.35	0.47	7.73
239/1150	42	3.582	57.178	5	19.69	22.31	0.47	7.95
239/1320	42	3.779	60.107	5	19.68	22.32	0.47	7.92

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
24024B	25	0.61	5.996	12	11.26	13.74	0.45	4.87
24026B	26	0.688	6.574	12	11.67	14.33	0.45	4.73
24028B	28	0.669	6.953	12	12.68	15.32	0.45	5.15
24030B	27	0.748	7.453	12	12.17	14.83	0.45	4.93
24032B	26	0.787	7.921	12	11.74	14.26	0.45	4.98
24034B	26	0.885	8.54	12	11.68	14.32	0.45	4.78
24036B	25	0.984	9.127	13	11.19	13.81	0.45	4.59
24038B	25	1.003	9.552	12	11.22	13.78	0.45	4.71
24040B	25	1.102	10.096	13	11.17	13.83	0.45	4.53
24044B	25	1.81	11.104	12	10.51	14.49	0.42	2.99
24048B	27	1.181	11.899	12	12.19	14.81	0.45	4.99
24052B	25	1.377	13.066	12	11.21	13.79	0.45	4.69
24056B	27	1.377	13.863	12	12.19	14.81	0.45	4.99
24060B	26	1.574	15.034	12	11.67	14.33	0.45	4.73
24064B	27	1.574	15.833	12	12.19	14.81	0.45	4.98
24068B	26	1.771	17.082	12	11.68	14.32	0.45	4.77
24072B	27	1.771	17.879	12	12.19	14.81	0.45	5
24076B	29	1.732	18.736	11	13.18	15.82	0.45	5.36
24080B	28	1.929	19.855	12	12.67	15.33	0.45	5.1
24084B	28	1.968	20.642	11	12.69	15.31	0.45	5.2
24088B	28	2.086	21.614	12	12.68	15.32	0.45	5.13
24092B	28	2.165	22.622	11	12.68	15.32	0.45	5.18
24096B	29	2.165	23.416	11	13.18	15.82	0.45	5.36
240/500B	30	2.165	24.212	11	13.68	16.32	0.46	5.55
240/530B	28	2.401	25.902	11	12.73	15.27	0.45	5.35
240/560B	29	2.48	27.313	11	13.21	15.79	0.46	5.46
240/600B	30	2.44	29.145	10	13.76	16.24	0.46	5.93
240/630B	29	2.755	30.682	11	13.22	15.78	0.46	5.53
240/670B	29	2.992	32.702	11	13.2	15.8	0.46	5.42
240/710B	30	3.07	34.435	10	13.68	16.32	0.46	5.57
240/750B	29	3.267	36.407	10	13.22	15.78	0.46	5.53
240/800B	31	3.346	38.607	10	14.18	16.82	0.46	5.73
240/850B	31	3.543	40.978	10	14.18	16.82	0.46	5.74
240/900B	31	3.661	43.139	10	14.2	16.8	0.46	5.85
240/950B	31	3.937	45.696	10	14.18	16.82	0.46	5.76
240/1000B	32	4.015	47.849	10	14.68	17.32	0.46	5.92
240/1060B	32	4.212	50.599	10	14.69	17.31	0.46	5.97
240/1120B	32	4.409	53.435	10	14.7	17.3	0.46	6.02
24122B	23	0.669	5.795	14	10.21	12.79	0.44	4.28
24124B	21	0.787	6.318	15	9.24	11.76	0.44	3.96
24126B	23	0.787	6.757	14	10.2	12.8	0.44	4.24
23128B	23	0.846	7.242	14	10.2	12.8	0.44	4.23

<b>Bearing Number</b>	<b>NB</b>	<b>BD</b>	<b>PD</b>	<b>PHI</b>	<b>BPFO</b>	<b>BPFI</b>	<b>FTF</b>	<b>BSF</b>
24132B	21	1.102	8.576	15	9.2	11.8	0.44	3.83
24134B	22	1.102	8.976	14	9.69	12.31	0.44	4.01
24136B	22	1.181	9.584	14	9.68	12.32	0.44	4
24138B	21	1.299	10.152	14	9.2	11.8	0.44	3.85
24140B	21	1.377	10.748	15	9.2	11.8	0.44	3.84
24144B	21	1.496	11.713	15	9.2	11.8	0.44	3.86
24148B	21	1.614	12.756	14	9.21	11.79	0.44	3.89
24152B	20	1.811	13.914	15	8.74	11.26	0.44	3.78
24156B	22	1.771	14.764	14	9.72	12.28	0.44	4.11
24160B	22	1.968	15.933	14	9.68	12.32	0.44	3.99
24164B	21	2.204	17.153	15	9.2	11.8	0.44	3.83
24168B	21	2.362	18.341	15	9.19	11.81	0.44	3.82
24172B	22	2.322	19.175	15	9.71	12.29	0.44	4.07
24176B	22	2.401	19.904	14	9.71	12.29	0.44	4.09
24180B	23	2.44	20.803	14	10.19	12.81	0.44	4.21
24184B	21	2.834	22.22	14	9.2	11.8	0.44	3.86
24188B	22	2.834	23.025	14	9.69	12.31	0.44	4
24192B	22	2.992	24.227	14	9.68	12.32	0.44	3.99
24196B	22	3.07	25.241	14	9.7	12.3	0.44	4.05
241/500B	22	3.228	26.458	14	9.7	12.3	0.44	4.04
241/530B	22	3.267	27.773	14	9.74	12.26	0.44	4.2
241/560B	22	3.622	29.472	14	9.69	12.31	0.44	4.01
241/600B	23	3.661	31.397	13	10.19	12.81	0.44	4.23
241/630B	22	3.858	32.949	14	9.75	12.25	0.44	4.22
241/670B	23	4.015	34.912	13	10.21	12.79	0.44	4.29
241/710B	23	4.212	36.94	13	10.22	12.78	0.44	4.33